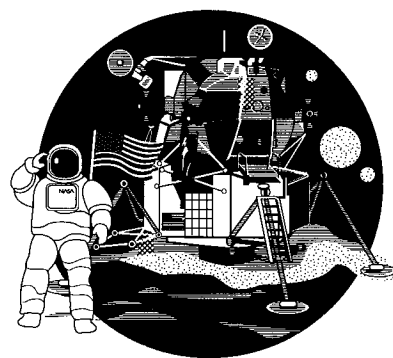


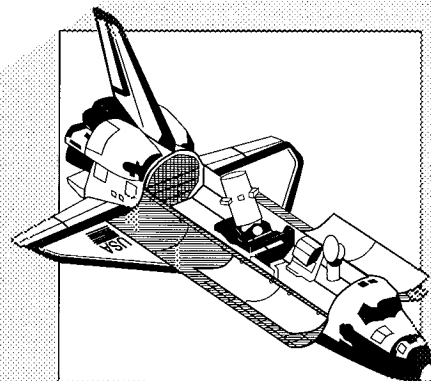
NASA SP-7096 (Vol.1)

NASA Thesaurus

VOLUME 1
Hierarchical Listing
1994 Edition



National Aeronautics and Space Administration



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NASA SP-7096
(Vol. 1)

NASA THESAURUS

**VOLUME 1
HIERARCHICAL LISTING
1994 EDITION**

National Aeronautics and Space Administration

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PREFACE

The National Aeronautics and Space Act of 1958 tasks the National Aeronautics and Space Administration (NASA) to "provide for the widest practicable and appropriate dissemination of information concerning its activities and the results thereof." To fulfill the Space Act mandate, NASA established a system of acquisition, processing, publication, announcement, dissemination, and exchange. Its purpose is to promote the highest R&D quality and productivity and to minimize R&D duplication. The embodiment of this system is the NASA Scientific and Technical Information (STI) Program.

At the heart of the STI Program is the vast wealth of aerospace information residing in the NASA STI Database. The subject coverage of the collection reflects NASA's mission. The *NASA Thesaurus* is the key to the subject matter of the nearly three million records, and there are currently over 20 million postings to *NASA Thesaurus* terms in the Database.

NASA's Center for Aerospace Information (CASI) is the primary point for STI acquisition and dissemination. Through CASI and other program resources, the NASA STI Program acquires reports by NASA authors, contractors, and grantees, NASA-owned patents and patent applications, and NASA-produced videotapes; reports issued by government agencies, domestic and foreign institutions, universities, and private firms, and dissertations and theses emphasizing aeronautics, space, and supporting disciplines. Additionally, the STI Program acquires relevant journals, translations, books, meeting papers, and conference proceedings issued by professional societies and academic organizations.

The European Space Agency (ESA) acts as a doorway to European aerospace gray literature and plays a vital role in the STI Program's acquisitions. Other countries, such as Australia, Canada, Israel, and Japan, contribute in a similar way, as do individual aerospace-related research organizations and agencies worldwide.

Citations to all this STI are prepared using the *NASA Thesaurus* vocabulary for indexing and are included in the NASA STI Database. This database is available to authorized users through NASA RECON, the forerunner of many online bibliographic search systems, and for public use within the United States through commercial database vendors. Additionally, ESA makes the database available to members of the European space community.

The STI Program is also responsible for Special Publications, Conference Publications, Reference Publications, and other NASA technical report series. The STI Program promotes public access by contributing to the Federal Depository Library Program: at least one copy of many NASA publications, including the *NASA Thesaurus*, is available in either microfiche or printed form at 53 depository libraries throughout the United States. NASA publications are also available for sale by CASI. Copies of the NASA STI Database are also available from CASI.

INTRODUCTION

The *NASA Thesaurus* contains the authorized subject terms by which the documents in the NASA Aerospace Database are indexed and retrieved. The *NASA Thesaurus* comprises three volumes: Volume 1 – *Hierarchical Listing*, Volume 2 – *Access Vocabulary*, Volume 3 – *Definitions*.

The *Hierarchical Listing* contains all subject terms and USE cross references currently approved for use. The listing includes terms appearing in the *NASA Thesaurus, Preliminary Edition* (December 1967), the *NASA Thesaurus Alphabetical Update* (September 1971), the *NASA Thesaurus* (1982, 1985, and 1988 editions), and other terms approved for use through December 1993. The listing contains postable and nonpostable terms. Over 17,500 terms and over 4,000 USE references comprise the *Hierarchical Listing*, which includes more than 167,000 broader, narrower, and related term entries.

The *Access Vocabulary* is a ready reference tool which provides thousands of additional 'access points' to the thesaurus terminology. It contains the postable terms and nonpostable terms found in the *Hierarchical Listing* along with pseudoterms, embedded terms, and other entry terms. It is a useful companion to the *Hierarchical Listing* and its use is encouraged. The *Access Vocabulary* contains almost 42,000 entries.

Definitions explains many of the terms added to the *NASA Thesaurus* since 1976 and many of the earlier terms. It can be consulted as an authority for uppercase/lowercase versions of thesaurus terms. Over 3,500 definitions are complemented by some 1,000 USE references.

The *NASA Thesaurus* is updated by the *NASA Thesaurus Supplement* until a new edition is issued. The *NASA Thesaurus Supplement* is cumulative and is published semiannually in March and September. It includes complete hierarchies for all new terms, the *Access Vocabulary*, and *Definitions* added since the last edition. A listing of deletions and changes is also included. Suggestions for term modification, deletion, and addition should be addressed to:

Lexicographer
NASA Center for AeroSpace Information
800 Elkridge Landing Road
Linthicum Heights, MD 21090-2934

The terminology of the *NASA Thesaurus* is based in large part on the actual indexing vocabulary developed by NASA during the 1960s. Other thesauri, notably the *DOD Thesaurus of Engineering and Scientific Terms* (AD-672000), have provided additional candidate terms. The general guidelines in creating and maintaining the *NASA Thesaurus* have been based on the *COSATI Guidelines for the Development of Information Retrieval Thesauri* (1 September 1967). The *NASA Thesaurus* conforms to the forthcoming thesaurus standard (ANSI/NISO Z39.19-1993) of the National Information Standards Organization.

This edition of the *NASA Thesaurus* has undergone extensive revision. In particular, much work was done to provide upper/lower-casing authority in the *Access Vocabulary*.

NOMENCLATURE AND CONVENTIONS

Postable Terms. Subject terms that have been approved for use in indexing, and thus can be 'posted.'

Nonpostable Terms. Terms that are included for cross reference information and cannot be used for indexing.

Term Selection. Subject terms have been chosen on the basis of their significance and use in aerospace literature and their effectiveness in incorporating productive retrieval concepts. Particu-

lar consideration has been given to frequency of use in earlier NASA indexing and search vocabularies, to relationships with other terms in the vocabulary, and to precise scientific and technical usage.

Noun Usage. In general, subject terms are presented in the noun form.

Singular vs. Plural. The plural form has, in general, been used for subject terms. The singular form, however, is occasionally employed for specific processes, properties, conditions, and hardware.

Term Length. No more than 42 characters, including spaces, are used for any subject term. Various words in longer terms are often truncated. With this edition scope notes are used to spell out truncated terms.

Term Ambiguity. When subject terms have more than one meaning in aerospace usage, or where distinction between terms must be made, clarification is provided in one of two ways:

a) Parenthetical qualifying expressions or glosses are added, becoming part of the subject term. For example:

SIZING (SHAPING)
SIZING (SURFACE TREATMENT)

b) Parenthetical scope notes are also added for explanation or definition; they do not become part of the subject term. For example:

SPECTROSCOPIC ANALYSIS
SN (FOR SPECTROSCOPIC TOOLS IN CHEMICAL ANALYSIS)

Direct Entry. Subject terms that consist of more than one word are listed for direct entry, i.e., in their natural word order rather than in the inverted form. Inverted forms appear in the *Access Vocabulary*. For example:

ANALYTICAL CHEMISTRY not CHEMISTRY, ANALYTICAL

Abbreviations and Acronyms. Some abbreviations and acronyms that are in common use in the aerospace community are employed in this thesaurus. In most cases, USE cross references are made from the unabbreviated forms. For example:

ORBITING SOLAR OBSERVATORY
USE OSO

Synonyms. When candidate subject terms are true synonyms, one is chosen to be the valid, or postable term, and the other is provided with a USE cross reference. For example:

COLUMBIUM	NIOBIUM
USE NIOBIUM	UF COLUMBIUM

Array Terms. Subject terms with meaning either too broad or ambiguous for effective indexing or retrieval of information, have been designated array terms and carry the following scope note (SN): (USE OF A MORE SPECIFIC TERM IS RECOMMENDED – CONSULT THE TERMS LISTED BELOW). Relationships with other postable terms are shown by the Related Term (RT) reference only. For example:

∞ BEAMS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED –
CONSULT THE TERMS LISTED BELOW)
RT BEAMS (RADIATION)
BEAMS (SUPPORTS)

An infinity symbol (∞) precedes an array term in each of its appearances in Volume 1.

Identifiers. In the *NASA Thesaurus*, identifiers, i.e., subject terms that include a numeric or alphabetic designation, or both, for a specific model or item, are treated as regular terms and are provided complete cross references. For example:

```

F-111 AIRCRAFT
UF  LASV
    TFX AIRCRAFT
GS  ATTACK AIRCRAFT
    . FIGHTER AIRCRAFT
    . . F-111 AIRCRAFT
    GENERAL DYNAMICS AIRCRAFT
    . F-111 AIRCRAFT
    GRUMMAN AIRCRAFT
    . F-111 AIRCRAFT
    JET AIRCRAFT
    . TURBOFAN AIRCRAFT
    . . F-111 AIRCRAFT
    SUPERSONIC AIRCRAFT
    . F-111 AIRCRAFT
RT  ∞ AIRCRAFT
    MISSION ADAPTIVE WINGS
    VARIABLE SWEEP WINGS

```

CROSS REFERENCE STRUCTURE

Cross reference relationships in the *Hierarchical Listing* are shown as follows:

Cross References	Notation
Broader Term	GS
Narrower Term	GS
Related Term	RT
Use	USE
Used For	UF

These cross references have the following applications:

Broader Term. This reference indicates that the term represents a more inclusive concept. In the Generic Structure (GS), the broader terms appear above and to the left of the term referenced. For example:

```

REENTRY COMMUNICATION
GS TELECOMMUNICATION
    . SPACE COMMUNICATION
    . . SPACECRAFT COMMUNICATION
    . . . REENTRY COMMUNICATION

```

TELECOMMUNICATION, SPACE COMMUNICATION and SPACECRAFT COMMUNICATION are broader terms to REENTRY COMMUNICATION.

Narrower Term. This reference indicates that the term represents a more specific concept. In the Generic Structure (GS), the narrower terms appear below and to the right (indented) of the term referenced. For example:

```

GS SCANNERS
    . COASTAL ZONE COLOR SCANNER
    . HORIZON SCANNERS
    . INFRARED SCANNERS
    . OCEAN COLOR SCANNER
    . OPTICAL SCANNERS
    . . FLYING SPOT SCANNERS
    . . MULTISPECTRAL BAND SCANNERS
    . . . THEMATIC MAPPERS (LANDSAT)
    . ULTRASONIC SCANNERS

```

COASTAL ZONE COLOR SCANNER, HORIZON SCANNERS, INFRARED SCANNERS, OCEAN COLOR SCANNERS, and OPTICAL SCANNERS are narrower terms to SCANNERS.

FLYING SPOT SCANNERS, MULTISPECTRAL BAND SCANNERS; and THEMATIC MAPPERS (LANDSAT) are narrower to both OPTICAL SCANNERS and SCANNERS.

The number of narrower terms is not limited. For example, ARTIFICIAL SATELLITES has nearly 500 narrower terms.

Related Terms (RT). This reference indicates that the two terms are closely related conceptually, but are not structured within the broader or narrower 'tree,' or hierarchy. The reciprocal of the RT reference 'a' is the RT reference 'b' and vice versa.

(a) **RADAR EQUIPMENT**
RT RADIO EQUIPMENT

(b) **RADIO EQUIPMENT**
RT RADAR EQUIPMENT

Use (USE). This reference indicates that the term is not 'postable,' i.e., not a valid term, and that the following term or terms should be used instead. For example:

STS
USE SPACE TRANSPORTATION SYSTEM

Used For (UF). This is a reciprocal of the USE cross reference and identifies valid, or 'postable' terms. For example:

SPACE TRANSPORTATION SYSTEM
UF STS

ALPHABETIZATION

The ordering of subject terms into an alphabetical arrangement can be accomplished in several ways. The most commonly used methods are the letter-by-letter, word-by-word, and the computer sorting order. In the absence of any universal agreement on a standardized approach, a word-oriented modification of the computer sorting technique has been adopted in this thesaurus as the most useful and economic for this purpose.

Nonalphabetic characters are filed either at the beginning of the alphabet, at the end of the alphabet, or are ignored altogether. Thus, parentheses are filed before the alphabet in Volume 1, but are ignored for filing in Volume 2 due to permuting. Hyphens, slashes and periods follow blank spaces.

PREVIOUS EDITIONS

NASA Thesaurus; Subject Terms for Indexing Scientific and Technical Information. Preliminary Edition, 1967. NASA SP-7030. 3 Vols., Vol. 1, *Alphabetical Listing, A-L*; Vol. 2, *Alphabetical Listing, M-Z*; Vol. 3, *Appendixes*.

NASA Thesaurus Alphabetical Update, 1971. NASA SP-7040.

NASA Thesaurus. 1976 Edition. NASA SP-7050. 2 Vols., Vol. 1, *Alphabetical Listing*; Vol. 2, *Access Vocabulary*.

NASA Thesaurus. 1982 Edition. NASA SP-7051. 2 Vols., Vol. 1, *Hierarchical Listing*; Vol. 2, *Access Vocabulary*.

NASA Thesaurus. 1985 Edition. NASA SP-7053. 2 Vols., Vol. 1, *Hierarchical Listing*; Vol. 2, *Access Vocabulary*.

NASA Thesaurus. 1988 Edition. NASA SP-7064. 3 Vols., Vol. 1, *Hierarchical Listing*; Vol. 2, *Access Vocabulary*; Vol. 3, *Definitions*.

TYPICAL HIERARCHICAL LISTING ENTRIES

POSTABLE TERM	→	FAR ULTRAVIOLET RADIATION
SCOPE NOTE	→	SN (200 TO 2000 ANGSTROMS)
USED FOR TERM	→	UF VACUUM ULTRAVIOLET RADIATION
GENERIC STRUCTURE	→	GS ELECTROMAGNETIC RADIATION
		. ULTRAVIOLET RADIATION
		.. FAR ULTRAVIOLET RADIATION
		... LYMAN ALPHA RADIATION
		... LYMAN BETA RADIATION
		IONIZING RADIATION
		. ULTRAVIOLET RADIATION
		.. FAR ULTRAVIOLET RADIATION
		... LYMAN ALPHA RADIATION
		... LYMAN BETA RADIATION
RELATED TERM	→	RT BREMSSTRAHLUNG
		MAGELLAN ULTRAVIOLET ASTRONOMY
		SATELLITE
		NEAR ULTRAVIOLET RADIATION
		∞ RADIATION
		ULTRAVIOLET TELESCOPES
		X RAYS

TYPICAL USE CROSS REFERENCE

NONPOSTABLE TERM → VACUUM ULTRAVIOLET RADIATION
POSTABLE NOTE → USE FAR ULTRAVIOLET RADIATION

TYPICAL ARRAY TERM LISTING

ARRAY TERM	→ ∞	FIELDS	
SCOPE NOTE	→	SN	(USE OF A MORE SPECIFIC TERM IS RECOMMENDED—CONSULT THE TERMS LISTED BELOW)
RELATED TERM	→	RT	BOSTON FIELDS
			ELECTRIC FIELDS
			FIELD OF VIEW
			FIELD THEORY (ALGEBRA)
			FIELD THEORY (PHYSICS)
			GRAVITATIONAL FIELDS
			MAGNETIC FIELDS
			MILITARY AIR FACILITIES
			SELF CONSISTENT FIELDS
			VISUAL FIELDS

NASA THESAURUS

VOLUME 1 HIERARCHICAL LISTING

A

A STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . . EARLY STARS
 - HOT STARS
 - A STARS
- RT BLUE STARS
 - . PECULIAR STARS
 - . . . WOLF-RAYET STARS

A-1 AIRCRAFT

- UF SKYRAIDER AIRCRAFT
- GS ATTACK AIRCRAFT
 - . A-1 AIRCRAFT
 - . . MCDONNELL DOUGLAS AIRCRAFT
 - . . . DOUGLAS AIRCRAFT
 - A-1 AIRCRAFT
 - MONOPLANES
 - A-1 AIRCRAFT
- RT ∞AIRCRAFT

A-2 AIRCRAFT

- UF SAVAGE AIRCRAFT
- GS ATTACK AIRCRAFT
 - . BOMBER AIRCRAFT
 - . . A-2 AIRCRAFT
 - . . . JET AIRCRAFT
 - A-2 AIRCRAFT
 - MONOPLANES
 - A-2 AIRCRAFT
 - NORTH AMERICAN AIRCRAFT
 - A-2 AIRCRAFT
 - OBSERVATION AIRCRAFT
 - A-2 AIRCRAFT
- RT ∞AIRCRAFT

A-3 AIRCRAFT

- UF A3D AIRCRAFT
- GS SKYWARRIOR AIRCRAFT
 - . ATTACK AIRCRAFT
 - . . BOMBER AIRCRAFT
 - . . . A-3 AIRCRAFT
 - JET AIRCRAFT
 - A-3 AIRCRAFT
 - MCDONNELL DOUGLAS AIRCRAFT
 - DOUGLAS AIRCRAFT
 - A-3 AIRCRAFT
 - MONOPLANES
 - A-3 AIRCRAFT
- RT ∞AIRCRAFT

A-4 AIRCRAFT

- UF A4D AIRCRAFT
- GS SKYHAWK AIRCRAFT
 - . ATTACK AIRCRAFT
 - . . BOMBER AIRCRAFT
 - . . . A-4 AIRCRAFT
 - JET AIRCRAFT
 - A-4 AIRCRAFT
 - MCDONNELL DOUGLAS AIRCRAFT
 - DOUGLAS AIRCRAFT
 - A-4 AIRCRAFT
 - MONOPLANES
 - A-4 AIRCRAFT
- RT ∞AIRCRAFT
 - . J-65 ENGINE

A-5 AIRCRAFT

- UF A3J AIRCRAFT
- GS VIGILANTE AIRCRAFT
 - . ATTACK AIRCRAFT
 - . . BOMBER AIRCRAFT
 - . . . A-5 AIRCRAFT
 - JET AIRCRAFT
 - A-5 AIRCRAFT
 - MONOPLANES
 - A-5 AIRCRAFT

A-5 AIRCRAFT--(cont.)

- . NORTH AMERICAN AIRCRAFT
- . . A-5 AIRCRAFT
- . . . SUPERSONIC AIRCRAFT
- A-5 AIRCRAFT
- RT ∞AIRCRAFT

A-6 AIRCRAFT

- UF A2F AIRCRAFT
- GS INTRUDER AIRCRAFT
 - . ATTACK AIRCRAFT
 - . . BOMBER AIRCRAFT
 - . . . A-6 AIRCRAFT
 - GRUMMAN AIRCRAFT
 - A-6 AIRCRAFT
 - JET AIRCRAFT
 - A-6 AIRCRAFT
 - MONOPLANES
 - A-6 AIRCRAFT
- RT ∞AIRCRAFT

A-7 AIRCRAFT

- UF CORSAIR AIRCRAFT
- GS ATTACK AIRCRAFT
 - . A-7 AIRCRAFT
 - . . JET AIRCRAFT
 - . . . TURBOFAN AIRCRAFT
 - A-7 AIRCRAFT
 - LING-TEMCO-VOUGHT AIRCRAFT
 - A-7 AIRCRAFT
 - MONOPLANES
 - A-7 AIRCRAFT
- RT ∞AIRCRAFT

A-9 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . A-9 AIRCRAFT
 - . . NORTHROP AIRCRAFT
 - . . . A-9 AIRCRAFT
 - RECONNAISSANCE AIRCRAFT
 - A-9 AIRCRAFT
- RT ∞AIRCRAFT

A-10 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . A-10 AIRCRAFT
 - . . REPUBLIC AIRCRAFT
 - . . . A-10 AIRCRAFT
- RT ∞AIRCRAFT

A-11 SATELLITE

- USE ECHO 1 SATELLITE

A-12 SATELLITE

- USE ECHO 2 SATELLITE

A-37 AIRCRAFT

- GS ATTACK AIRCRAFT
 - . A-37 AIRCRAFT
 - . . CESSNA AIRCRAFT
 - . . . A-37 AIRCRAFT
 - MONOPLANES
 - A-37 AIRCRAFT
- RT ∞AIRCRAFT
 - . MILITARY AIRCRAFT
 - . . T-37 AIRCRAFT

A-300 AIRCRAFT

- GS COMMERCIAL AIRCRAFT
 - . EUROPEAN AIRBUS
 - . . A-300 AIRCRAFT
 - . . . JET AIRCRAFT
 - EUROPEAN AIRBUS
 - A-300 AIRCRAFT
 - PASSENGER AIRCRAFT
 - EUROPEAN AIRBUS
 - A-300 AIRCRAFT
 - TRANSPORT AIRCRAFT
 - SHORT HAUL AIRCRAFT

A-300 AIRCRAFT--(cont.)

- . . . EUROPEAN AIRBUS
- A-300 AIRCRAFT
- RT ∞AIRCRAFT
 - . ASTROPLANE
 - . . . INTERNATIONAL COOPERATION
 - SWEPT WINGS

A-310 AIRCRAFT

- GS COMMERCIAL AIRCRAFT
 - . EUROPEAN AIRBUS
 - . . A-310 AIRCRAFT
 - . . . JET AIRCRAFT
 - EUROPEAN AIRBUS
 - A-310 AIRCRAFT
 - PASSENGER AIRCRAFT
 - EUROPEAN AIRBUS
 - A-310 AIRCRAFT
 - TRANSPORT AIRCRAFT
 - SHORT HAUL AIRCRAFT
 - EUROPEAN AIRBUS
 - A-310 AIRCRAFT
- RT INTERNATIONAL COOPERATION
 - . SWEPT WINGS

A-320 AIRCRAFT

- GS COMMERCIAL AIRCRAFT
 - . EUROPEAN AIRBUS
 - . . A-320 AIRCRAFT
 - . . . JET AIRCRAFT
 - EUROPEAN AIRBUS
 - A-320 AIRCRAFT
 - PASSENGER AIRCRAFT
 - EUROPEAN AIRBUS
 - A-320 AIRCRAFT
 - TRANSPORT AIRCRAFT
 - SHORT HAUL AIRCRAFT
 - EUROPEAN AIRBUS
 - A-320 AIRCRAFT
- RT INTERNATIONAL COOPERATION
 - . SWEPT WINGS

AABNCP

- USE E-4A AIRCRAFT

AAP 1 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - . APOLLO PROJECT
 - . . . SKYLAB PROGRAM

AAP 2 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - . APOLLO PROJECT
 - . . . SKYLAB PROGRAM

AAP 3 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - . APOLLO PROJECT
 - . . . SKYLAB PROGRAM

AAP 4 MISSION

- RT APOLLO APPLICATIONS PROGRAM
 - . APOLLO PROJECT
 - . . . SKYLAB PROGRAM

ABDOMEN

- GS ANATOMY
 - . ABDOMEN
- RT DIGESTIVE SYSTEM
 - . GASTROINTESTINAL SYSTEM
 - . . . INTESTINES
 - PERITONEUM
 - STOMACH
 - VENTRAL SECTIONS
 - VISCERA

ABEL FUNCTION

- GS ANALYSIS (MATHEMATICS)
 - . . . REAL VARIABLES

ABEL FUNCTION--(cont.)

- . . . **ABEL FUNCTION**
- FUNCTIONS (MATHEMATICS)
- . **ABEL FUNCTION**
- RT SERIES (MATHEMATICS)

ABERRATION

- RT ABNORMALITIES
- ASPHERICITY
- BLURRING
- ∞ COMA
- CRYSTAL OPTICS
- DEVIATION
- DISTORTION
- GRAZING INCIDENCE
- SPATIAL FILTERING

ABILITIES

- UF PROFICIENCY
- SKILLS
- GS ARTS
- . **ABILITIES**
- RT CONSISTENCY
- EFFORT
- HUMAN FACTORS ENGINEERING
- INCOMPATIBILITY
- TRANSFER OF TRAINING

ABIOTENESIS

- GS EVOLUTION (DEVELOPMENT)
- . BIOLOGICAL EVOLUTION
- . . . **ABIOTENESIS**
- RT AUTOCATALYSIS
- CHEMICAL EVOLUTION
- LIFE SCIENCES
- PANSPERMIA
- PROTOBIOLOGY
- SPERMATOGENESIS

ABLATED NOSETIPS

- USE PANT PROGRAM

ABLATION

- GS **ABLATION**
- . LASER ABLATION
- RT ABLATIVE MATERIALS
- ABLATIVE NOSE CONES
- AERODYNAMIC HEAT TRANSFER
- AERODYNAMIC HEATING
- AEROTHERMOCHEMISTRY
- ATMOSPHERIC ENTRY
- BURNTHROUGH (FAILURE)
- CHARRING
- COOLING
- DECOMPOSITION
- EROSION
- GAS-METAL INTERACTIONS
- HEAT SHIELDING
- IMPINGEMENT
- JET IMPINGEMENT
- MASS TRANSFER
- MELTING
- PYROLYSIS
- REENTRY
- REENTRY EFFECTS
- REENTRY PHYSICS
- REENTRY SHIELDING
- SUBLIMATION
- TEMPERATURE EFFECTS
- THERMAL ABSORPTION
- THERMAL DECOMPOSITION
- VAPORIZING

ABLATIVE MATERIALS

- RT ABLATION
- CARBON-PHENOLIC COMPOSITES
- COOLING
- HEAT SHIELDING
- HEAT SINKS
- ∞ MATERIALS
- NOSE CONES
- NOZZLE INSERTS
- PYROLYTIC MATERIALS
- REFRACTORY MATERIALS
- TEMPERATURE
- THERMAL CONTROL COATINGS
- THERMAL PROTECTION

ABLATIVE NOSE CONES

- GS CONES
- . NOSE CONES
- . . . **ABLATIVE NOSE CONES**
- FOREBODIES
- . NOSES (FOREBODIES)
- . . NOSE CONES

ABLATIVE NOSE CONES--(cont.)

- . . . **ABLATIVE NOSE CONES**
- RT ABLATION
- HEAT SHIELDING
- REENTRY SHIELDING
- REENTRY VEHICLES
- ROCKET NOSE CONES
- SHIELDING

ABLESTAR LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . **ABLESTAR LAUNCH VEHICLE**
- ROCKET VEHICLES
- . MULTISTAGE ROCKET VEHICLES
- . . **ABLESTAR LAUNCH VEHICLE**
- RT LIQUID PROPELLANT ROCKET ENGINES

ABM

- USE APOGEE BOOST MOTORS

ABNORMALITIES

- RT ABERRATION
- DEVIATION
- DISTORTION
- ECCENTRICITY
- IRREGULARITIES
- UNIQUENESS

ABORIGINES

- RT ANTHROPOLOGY
- HUMAN BEINGS
- INHABITANTS

ABORT APPARATUS

- GS SAFETY DEVICES
- . **ABORT APPARATUS**
- RT ABORTED MISSIONS
- AIRCRAFT SAFETY
- ARRESTING GEAR
- ∞ BARRIERS
- BRAKES (FOR ARRESTING MOTION)
- DRAG DEVICES
- EJECTION SEATS
- ∞ EQUIPMENT
- ESCAPE CAPSULES
- ESCAPE ROCKETS
- FLYING EJECTION SEATS

ABORT TRAJECTORIES

- GS TRAJECTORIES
- . **ABORT TRAJECTORIES**
- RT ABORTED MISSIONS
- MATTS (SYSTEMS)

ABORTED MISSIONS

- RT ABORT APPARATUS
- ABORT TRAJECTORIES
- DESTRUCTION
- ENGINE FAILURE
- ESCAPE CAPSULES
- ESCAPE ROCKETS
- FAILURE
- MALFUNCTIONS
- ∞ MISSIONS

ABRASION

- RT ABRASIVES
- CHIPPING
- CLEANING
- CUTTING
- DRY FRICTION
- EROSION
- FILES (TOOLS)
- FRICTION
- GRINDING (MATERIAL REMOVAL)
- LESIONS
- METALLOGRAPHY
- POLISHING
- SCORING
- SOIL EROSION
- TRIBOLOGY
- WEAR
- WEAR RESISTANCE

ABRASION RESISTANCE

- GS MECHANICAL PROPERTIES
- . WEAR RESISTANCE
- . . **ABRASION RESISTANCE**
- RT HARDNESS
- ∞ RESISTANCE
- TOUGHNESS

ABRASIVES

- RT ABRASION

ABRASIVES--(cont.)

- ALUMINUM OXIDES
- CARBORUNDUM (TRADEMARK)
- CERAMICS
- DIAMONDS
- GRIT
- PUMICE
- QUARTZ
- SILICON CARBIDES

ABRIKOSOV THEORY

- RT CRYSTAL STRUCTURE
- ELECTROMAGNETIC FIELDS
- HORSESHOE VORTICES
- SUPERCONDUCTIVITY
- SUPERCONDUCTORS
- ∞ THEORIES
- VORTICES

ABSOLUTE ZERO

- GS TEMPERATURE
- . **ABSOLUTE ZERO**
- RT CRYOGENIC TEMPERATURE
- CRYOGENICS
- SUBZERO TEMPERATURE
- TEMPERATURE EFFECTS
- TEMPERATURE SCALES
- ZERO POINT ENERGY

ABSORBENTS

- UF MOLECULAR SIEVES
- GS SORBENTS
- . **ABSORBENTS**
- RT ∞ ABSORBERS
- ABSORBERS (EQUIPMENT)
- ABSORBERS (MATERIALS)
- ADSORBENTS
- AIR CONDITIONING EQUIPMENT
- DESICCANTS
- LOW DENSITY MATERIALS
- MATERIAL ABSORPTION
- ∞ MATERIALS

∞ ABSORBERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ABSORBENTS
- ABSORBERS (EQUIPMENT)
- ABSORBERS (MATERIALS)
- ATTENUATORS
- CLEANERS
- OSCILLATION DAMPERS
- SHOCK ABSORBERS
- VIBRATION ISOLATORS

ABSORBERS (EQUIPMENT)

- SN (EXCLUDES EQUIPMENT FOR ABSORBING ENERGY)
- RT ABSORBENTS
- ∞ ABSORBERS
- ABSORBERS (MATERIALS)
- AIR CONDITIONING EQUIPMENT
- CLEANERS
- COLUMNS (PROCESS ENGINEERING)
- CONDENSERS (LIQUEFIERS)
- COOLING SYSTEMS
- DEGASSING
- DRYING APPARATUS
- ∞ EQUIPMENT
- MATERIAL ABSORPTION
- REFRIGERATING MACHINERY
- SHOCK ABSORBERS

ABSORBERS (MATERIALS)

- SN (EXCLUDES ABSORBENTS--LIMITED TO MATERIALS FOR ABSORBING RADIATION RATHER THAN OTHER MATERIALS)
- GS **ABSORBERS (MATERIALS)**
- . RADAR ABSORBERS
- . . ANTIRADAR COATINGS
- RT ABSORBENTS
- ∞ ABSORBERS
- ABSORBERS (EQUIPMENT)
- ACOUSTIC RETROFITTING
- ATTENUATORS
- CLEANERS
- ELECTROMAGNETIC ABSORPTION
- ELECTROMAGNETIC WAVE FILTERS
- ENERGY ABSORPTION
- ∞ FILTERS
- HEAT SINKS
- INSULATION
- JACKETS
- LOW DENSITY MATERIALS

ABSORBERS (MATERIALS)--(cont.)

∞ MATERIALS
NEUTRON ABSORBERS
RADIATION SHIELDING
REFRIGERANTS
SHIELDING
SINKS
SOLAR ENERGY ABSORBERS
STOPPING POWER
SUPPRESSORS

ABSORPTANCE

GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. **ABSORPTANCE**
RT ALBEDO
CAPTURE EFFECT
COSMIC RAY ALBEDO
DENSITY (MASS/VOLUME)
EARTH ALBEDO
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION
LUNAR ALBEDO
MICROWAVE ABSORPTION
OPACITY
REFLECTANCE
SURFACE PROPERTIES
TRANSMISSION
TRANSMISSIVITY
TRANSMITTANCE
TRANSPARENCY
TURBIDITY

∞ ABSORPTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ABSORPTION COOLING
ABSORPTION CROSS SECTIONS
ABSORPTION SPECTRA
ABSORPTION SPECTROSCOPY
ABSORPTIVITY
ACTIVATED CARBON
ADSORPTION
ATOMIC COLLISIONS
ATTENUATION
AURORAL ABSORPTION
BENEFICIATION
CAPTURE EFFECT
COLLISION PARAMETERS
COSMIC RAY ALBEDO
DAMPING
DESORPTION
DIFFUSION
DRYING
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION
ENERGY ABSORPTION FILMS
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
INFRARED SPECTRA
MATERIAL ABSORPTION
MATERIALS RECOVERY
MICROWAVE ABSORPTION
MODERATION (ENERGY ABSORPTION)
MOLECULAR ABSORPTION
MULTIPHOTON ABSORPTION
PERMEATING
PHOTOABSORPTION
PLANETARY ATMOSPHERES
POLAR CAP ABSORPTION
RADIATION ABSORPTION
SELF ABSORPTION
SORPTION
SOUND TRANSMISSION
THERMAL ABSORPTION
ULTRAVIOLET ABSORPTION
VISIBLE SPECTRUM
X RAY ABSORPTION

ABSORPTION BANDS

USE ABSORPTION SPECTRA

ABSORPTION COEFFICIENT

USE ABSORPTIVITY

ABSORPTION COOLING

GS COOLING
. **ABSORPTION COOLING**
RT ∞ ABSORPTION
AMMONIA
MAGNETIC COOLING
REFRIGERANTS

ABSORPTION CROSS SECTIONS

UF CAPTURE CROSS SECTIONS
RT ∞ ABSORPTION
∞ CROSS SECTIONS
IONIZATION CROSS SECTIONS
NEUTRON CROSS SECTIONS
RADIATION ABSORPTION
SCATTERING CROSS SECTIONS
STOPPING POWER

ABSORPTION SPECTRA

UF ABSORPTION BANDS
SPECTRAL ABSORPTION
SPECTRA
GS . RADIATION SPECTRA
. **ABSORPTION SPECTRA**
. . . FRAUNHOFER LINES
. . . HERZBERG BANDS
. . . TELLURIC LINES
. SPECTRAL BANDS
. **ABSORPTION SPECTRA**
. . . FRAUNHOFER LINES
. . . HERZBERG BANDS
. . . TELLURIC LINES
RT ∞ ABSORPTION
BALMER SERIES
∞ BANDS
CONTINUOUS RADIATION
D LINES
DIFFERENTIAL ABSORPTION LIDAR
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC SPECTRA
ELECTRON SPECTROSCOPY
ELECTRONIC SPECTRA
EMISSION SPECTRA
ENERGY SPECTRA
FRAUNHOFER LINE DISCRIMINATORS
GALACTIC NUCLEI
GAMMA RAY ABSORPTOMETRY
H ALPHA LINE
H BETA LINE
H GAMMA LINE
H LINES
IONIZING RADIATION
K LINES
LASER SPECTROMETERS
LINE SPECTRA
MICROWAVE ABSORPTION
MICROWAVE SPECTRA
MOLECULAR SPECTRA
MOLECULAR SPECTROSCOPY
OSCILLATOR STRENGTHS
PARAMAGNETIC RESONANCE
PASCHEN SERIES
PHOTOACOUSTIC SPECTROSCOPY
PHOTOLUMINESCENT BANDS
PHOTON ABSORPTOMETRY
RAMAN SPECTRA
ROTATIONAL SPECTRA
RYDBERG SERIES
SCHUMANN-RUNGE BANDS
SELF ABSORPTION
SOLAR SPECTRA
SOLAR SPECTROMETERS
SPECTRUM ANALYSIS
SPIN TEMPERATURE
STELLAR SPECTRA
SYMBIOTIC STARS
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM

ABSORPTION SPECTROSCOPY

GS SPECTROSCOPY
. **ABSORPTION SPECTROSCOPY**
. . OPTOGALVANIC SPECTROSCOPY
RT ∞ ABSORPTION
FRAUNHOFER LINES
INFRARED SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
ULTRAVIOLET SPECTROSCOPY

ABSORPTIVE INDEX

USE ABSORPTIVITY

ABSORPTIVITY

UF ABSORPTION COEFFICIENT
ABSORPTIVE INDEX
GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. **ABSORPTIVITY**
RT ∞ ABSORPTION
BEER LAW
BOUGUER LAW
DENSITY (MASS/VOLUME)

ABSORPTIVITY--(cont.)

ELECTROMAGNETIC ABSORPTION
KIRCHHOFF LAW OF RADIATION
MICROWAVE ABSORPTION
OPACITY
OSCILLATOR STRENGTHS
PHOTOACOUSTIC SPECTROSCOPY
SCATTERING COEFFICIENTS
SELF ABSORPTION
TRANSMISSIVITY
TRANSPARENCY

ABSTRACTS

GS DOCUMENTS
. **ABSTRACTS**
SUMMARIES
RT . **ABSTRACTS**
ANNOTATIONS
BIBLIOGRAPHIES
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
TECHNICAL WRITING

ABUNDANCE

UF ELEMENT ABUNDANCE
RT AVAILABILITY
ENERGY POLICY
GEOCHEMISTRY
METALLIC STARS
METALLICITY
RESERVES
RESOURCES
STELLAR COMPOSITION

AC (CURRENT)

USE ALTERNATING CURRENT

AC GENERATORS

UF ALTERNATING CURRENT GENERATORS
ALTERNATORS (GENERATORS)
GS ELECTRIC GENERATORS
. **AC GENERATORS**
. . LINEAR ALTERNATORS
. . STATIC ALTERNATORS
RT COMPULSATORS
FREE-PISTON ENGINES
∞ GENERATORS
ROTATING GENERATORS
TURBOGENERATORS

AC-1 AIRCRAFT

USE DHC 4 AIRCRAFT

ACCELERATED LIFE TESTS

RT ACCEPTABILITY
EVALUATION
FATIGUE LIFE
LIFE (DURABILITY)
PERFORMANCE TESTS
QUALITY CONTROL
SERVICE LIFE
∞ TESTS

ACCELERATING AGENTS

RT ∞ ACCELERATORS
ADMIXTURES
∞ AGENTS
CATALYSTS
RETARDANTS

∞ ACCELERATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ACCELERATION (PHYSICS)
ACCELERATION PROTECTION
ACCELERATION STRESSES
(PHYSIOLOGY)
∞ ACCELERATORS
ANGULAR ACCELERATION
CATALYSIS
ELECTROMAGNETIC ACCELERATION
ELECTRON ACCELERATION
GRAVIMETRY
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS
HUMAN TOLERANCES
IMPACT ACCELERATION
PARTICLE ACCELERATION
PHYSIOLOGICAL ACCELERATION
PLASMA ACCELERATION
TRANSVERSE ACCELERATION

ACCELERATION (PHYSICS)

UF BOOST
 GS G FORCE
 . RATES (PER TIME)
 . **ACCELERATION (PHYSICS)**
 . . ANGULAR ACCELERATION
 . . DECELERATION
 . . SPIN REDUCTION
 . . ELECTRON ACCELERATION
 . . HIGH ACCELERATION
 . . HIGH GRAVITY ENVIRONMENTS
 . . IMPACT ACCELERATION
 . . PARTICLE ACCELERATION
 . . PLASMA ACCELERATION
 . . TRANSVERSE ACCELERATION
 RT ∞ ACCELERATION
 ACCELERATION STRESSES
 (PHYSIOLOGY)
 ACCELEROMETERS
 BODY KINEMATICS
 EXPULSION
 FLIGHT STRESS (BIOLOGY)
 ∞ FORCE
 KINEMATICS
 KINETICS
 MECHANICAL SHOCK
 ∞ MOTION
 PHYSIOLOGICAL ACCELERATION
 STRESS (PHYSIOLOGY)
 THRUST
 THRUST-WEIGHT RATIO
 VELOCITY

ACCELERATION PROTECTION

GS PROTECTION
 . **ACCELERATION PROTECTION**
 RT ∞ ACCELERATION
 EMBEDDING
 SUPINE POSITION

ACCELERATION STRESSES (PHYSIOLOGY)

GS STRESS (PHYSIOLOGY)
 . **ACCELERATION STRESSES**
 (PHYSIOLOGY)
 . . CENTRIFUGING STRESS
 RT ∞ ACCELERATION
 ACCELERATION (PHYSICS)
 AEROSPACE MEDICINE
 ARTIFICIAL GRAVITY
 BODY KINEMATICS
 GRAVITATIONAL EFFECTS
 GRAVITATIONAL PHYSIOLOGY
 HEAD MOVEMENT
 HIGH ACCELERATION
 LOWER BODY NEGATIVE PRESSURE
 MOTION SICKNESS
 PHYSIOLOGICAL ACCELERATION
 TRANSVERSE ACCELERATION

ACCELERATION TOLERANCE

SN (LIMITED TO ABILITY OF ORGANISMS TO
 WITHSTAND ACCELERATION-FOR
 EFFECTS ON EQUIPMENT, USE SHOCK
 RESISTANCE AND MECHANICAL SHOCK)
 GS TOLERANCES (PHYSIOLOGY)
 . **ACCELERATION TOLERANCE**
 RT BLACKOUT (PHYSIOLOGY)
 BLACKOUT PREVENTION
 CENTRIFUGING STRESS
 GRAVITATIONAL EFFECTS
 HIGH ACCELERATION
 HUMAN CENTRIFUGES
 HUMAN TOLERANCES
 ∞ RESISTANCE

∞ ACCELERATORS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ACCELERATING AGENTS
 ∞ ACCELERATION
 COAXIAL PLASMA ACCELERATORS
 CYCLIC ACCELERATORS
 CYCLOPS PLASMA ACCELERATOR
 ELECTRON ACCELERATORS
 GEOCYCLOTRONS
 HALL ACCELERATORS
 HYPERVELOCITY GUNS
 ION ACCELERATORS
 LINEAR ACCELERATORS
 MASS DRIVERS
 NIMROD ACCELERATOR
 PARTICLE ACCELERATOR TARGETS
 PARTICLE ACCELERATORS
 PLASMA ACCELERATORS

ACCELERATORS--(cont.)

RACETRACKS (PARTICLE
 ACCELERATORS)
 RAILGUN ACCELERATORS
 SEPAC (PAYLOAD)
 STORAGE RINGS (PARTICLE
 ACCELERATORS)
 SYNCHROPHASOTRONS
 VAN DE GRAAFF ACCELERATORS

ACCELEROMETERS

GS MEASURING INSTRUMENTS
 . **ACCELEROMETERS**
 . . STRAIN GAGE ACCELEROMETERS
 RT ACCELERATION (PHYSICS)
 GRAVIMETERS
 GRAVIMETRY
 GYROSCOPIC PENDULUMS
 MECHANICAL MEASUREMENT
 PENDULUMS
 SEISMOGRAPHS
 SHOCK MEASURING INSTRUMENTS
 SPEED INDICATORS
 THRUST MEASUREMENT
 VELOCITY MEASUREMENT
 VIBRATION METERS

ACCEPTABILITY

UF ACCEPTANCE
 RT ACCELERATED LIFE TESTS
 COMPATIBILITY
 EVALUATION
 EXAMINATION
 FIGURE OF MERIT
 INSPECTION
 PERFORMANCE TESTS
 PROVING
 QUALITY CONTROL
 REJECTION
 RELIABILITY
 RISK
 SAMPLES
 STANDARDS
 SUITABILITY
 ∞ TESTS
 TOLERANCES (MECHANICS)
 TOTAL QUALITY MANAGEMENT
 VALIDITY

ACCEPTANCE

USE ACCEPTABILITY

ACCEPTOR MATERIALS

GS SEMICONDUCTORS (MATERIALS)
 . **ACCEPTOR MATERIALS**
 RT CARRIER DENSITY (SOLID STATE)
 ELECTRONS
 HOLES (ELECTRON DEFICIENCIES)
 ∞ MATERIALS

ACCESS CONTROL

RT COMMUNICATION NETWORKS
 ∞ CONTROL
 DATA TRANSMISSION
 MULTIPLE ACCESS
 MULTIPLEXING
 RADIO COMMUNICATION
 TELECOMMUNICATION

ACCESS TIME

GS TIME
 . **ACCESS TIME**
 RT DATA PROCESSING
 RATES (PER TIME)
 TIME CONSTANT
 ∞ TIME RESPONSE
 TRANSMISSION RATE
 (COMMUNICATIONS)

ACCESSORIES

UF ATTACHMENTS
 RT ∞ COMPONENTS
 EXTENSIONS
 FITTINGS
 INSERTS
 SUBASSEMBLIES

ACCIDENT INVESTIGATION

GS INVESTIGATION
 . **ACCIDENT INVESTIGATION**
 . . AIRCRAFT ACCIDENT INVESTIGATION
 RT ACCIDENTS
 AUTOMOBILE ACCIDENTS
 WRECKAGE

ACCIDENT PREVENTION

UF PRECAUTIONS
 GS PREVENTION
 . **ACCIDENT PREVENTION**
 RT ACCIDENTS
 AEROSPACE SAFETY
 AIR BAG RESTRAINT DEVICES
 AUTOMOBILE ACCIDENTS
 AVOIDANCE
 FIRE PREVENTION
 HAZARDS
 PROTECTION
 SAFETY
 SAFETY DEVICES
 SAFETY MANAGEMENT
 WARNING
 WARNING SYSTEMS

ACCIDENT PRONENESS

RT SAFETY DEVICES
 SAFETY FACTORS

ACCIDENTS

GS **ACCIDENTS**
 . BIRD-AIRCRAFT COLLISIONS
 . LOSS OF COOLANT
 RT ACCIDENT INVESTIGATION
 ACCIDENT PREVENTION
 AIR BAG RESTRAINT DEVICES
 AIRCRAFT ACCIDENTS
 AUTOMOBILE ACCIDENTS
 CRASH INJURIES
 CRASHES
 DESTRUCTION
 DISASTERS
 EMERGENCIES
 EXPLOSIONS
 FIRES
 FIRST AID
 HAZARDS
 INDUSTRIAL SAFETY
 INJURIES
 SABOTAGE
 SAFETY
 SAFETY DEVICES
 TRAFFIC
 WRECKAGE

ACCLIMATIZATION

UF DEACCLIMATIZATION
 GS ADAPTATION
 . **ACCLIMATIZATION**
 . . ALTITUDE ACCLIMATIZATION
 . . COLD ACCLIMATIZATION
 . . HEAT ACCLIMATIZATION
 RT HOMEOSTASIS
 LIQUID BREATHING
 STRESS (PHYSIOLOGY)
 TOLERANCES (PHYSIOLOGY)

ACCOMMODATION

RT ADAPTATION
 CORRECTION
 EYE (ANATOMY)
 FOCUSING
 VISUAL ACCOMMODATION

ACCOMMODATION COEFFICIENT

UF THERMAL ACCOMMODATION
 COEFFICIENTS
 GS COEFFICIENTS
 . **ACCOMMODATION COEFFICIENT**
 RT HEAT TRANSFER COEFFICIENTS

ACCOUNTING

RT BUDGETING
 COSTS
 FINANCE

ACCRETION

USE DEPOSITION

ACCRETION DISKS

RT ASTROPHYSICS
 BINARY STARS
 BLACK HOLES (ASTRONOMY)
 BLAZARS
 COOLING FLOWS (ASTROPHYSICS)
 DISKS (SHAPES)
 ECLIPSING BINARY STARS
 GALACTIC NUCLEI
 ROTATING DISKS
 STELLAR MASS ACCRETION
 X RAY BINARIES

ACCUMULATIONS

RT ACQUISITION
 AGGLOMERATION
 ASSEMBLIES
 COAGULATION
 COLLECTION
 CONCENTRATING
 DEPOSITION
 FILLING
 GROWTH
 INCREASING
 INPUT
 NUCLEATION
 SETTLING
 STOCKPILING

ACCUMULATORS

UF COLLECTORS
 GS **ACCUMULATORS**
 . ACCUMULATORS (COMPUTERS)
 . DUST COLLECTORS
 . SOLAR COLLECTORS
 RT ANODES
 CONCENTRATORS
 ENTRAPMENT
 FUEL SYSTEMS
 PRESSURE VESSELS
 PRESSURIZING

ACCUMULATORS (COMPUTERS)

GS ACCUMULATORS
 . **ACCUMULATORS (COMPUTERS)**
 COMPUTER STORAGE DEVICES
 . REGISTERS (COMPUTERS)
 . **ACCUMULATORS (COMPUTERS)**
 RT ADDING CIRCUITS
 COUNTERS
 ∞ EQUIPMENT

ACCURACY

UF ERROR BAND
 FIDELITY
 GS **ACCURACY**
 . GEODETIC ACCURACY
 . GEOMETRIC ACCURACY
 RT ANGULAR RESOLUTION
 CALIBRATING
 CONSISTENCY
 CORRECTION
 DEFINITION
 DRIFT (INSTRUMENTATION)
 DYNAMIC CHARACTERISTICS
 ERRORS
 HIGH RESOLUTION
 HYSTERESIS
 LINEARITY
 ∞ MEASUREMENT
 MISS DISTANCE
 PRECISION
 QUALITY
 RANGE ERRORS
 RELIABILITY
 RESOLUTION
 SEQUENTIAL CONTROL
 STANDARDS
 SURVEYS
 ∞ TESTS
 TOLERANCES (MECHANICS)
 VALIDITY
 VIRTUAL PROPERTIES

ACEE PROGRAM

UF AIRCRAFT ENERGY EFFICIENCY
 PROGRAM
 ENERGY EFFICIENCY TRANSPORT
 PROGRAM
 GS PROGRAMS
 . NASA PROGRAMS
 . **ACEE PROGRAM**
 RT AIRCRAFT ENGINES
 COMBUSTION EFFICIENCY

ACETALDEHYDE

GS ALDEHYDES
 . **ACETALDEHYDE**

ACETALS

GS ETHERS
 . **ACETALS**

ACETANILIDE

UF PHENACETIN
 GS NITROGEN COMPOUNDS
 . AMIDES
 . **ACETANILIDE**

ACETATES

GS **ACETATES**
 . COBALT ACETATES
 . LEAD ACETATES
 . SODIUM CHLORODIFLUOROACETATES
 . TRIACETIN
 RT ACETIC ACID
 ACETYSALICYLIC ACID
 ESTERS
 ETHYLENEDIAMINETETRAACETIC ACIDS

ACETATION

USE ACETYLATION

ACETAZOLAMIDE

GS NITROGEN COMPOUNDS
 . AMIDES
 . **ACETAZOLAMIDE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . HETEROCYCLIC COMPOUNDS
 . . . AZOLES
 . . . **ACETAZOLAMIDE**
 RT CARBONIC ANHYDRASE
 DIURETICS

ACETIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . . FATTY ACIDS
 . . . **ACETIC ACID**
 ETHYLENEDIAMINETETRAACETIC
 ACIDS
 IODOACETIC ACID
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . . FATTY ACIDS
 . . . **ACETIC ACID**
 ETHYLENEDIAMINETETRAACETIC
 ACIDS
 IODOACETIC ACID
 RT ACETATES
 ACETYL COMPOUNDS
 TRIACETIN

ACETONE

GS KETONES
 . **ACETONE**
 RT ACETYLACETONE
 PENTANONE

ACETONITRILE

UF ETHANE NITRILE
 METHYL CYANIDE
 GS CYANIDES
 . **ACETONITRILE**
 METHYL COMPOUNDS
 . **ACETONITRILE**
 NITRILES
 . **ACETONITRILE**

ACETYL COMPOUNDS

GS ORGANIC COMPOUNDS
 . **ACETYL COMPOUNDS**
 . . ACETYLACETONE
 . . ACETYSALICYLIC ACID
 RT ACETIC ACID
 ACETYLATION
 ALDEHYDES
 ∞ CHEMICAL COMPOUNDS
 ESTERS

ACETYLACETONE

GS KETONES
 . **ACETYLACETONE**
 ORGANIC COMPOUNDS
 . ACETYL COMPOUNDS
 . . **ACETYLACETONE**
 RT ACETONE
 PENTANONE

ACETYLATION

UF ACETATION
 GS CHEMICAL REACTIONS
 . ACYLATION
 . . **ACETYLATION**
 RT ACETYL COMPOUNDS

ACETYLENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKYNES
 **ACETYLENE**

ACETYLENE--(cont.)

RT CYANOACETYLENE
 HYDROCARBON FUELS
 OXYACETYLENE

ACETYSALICYLIC ACID

UF ASA
 GS ACIDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **ACETYSALICYLIC ACID**
 ORGANIC COMPOUNDS
 . ACETYL COMPOUNDS
 . . **ACETYSALICYLIC ACID**
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **ACETYSALICYLIC ACID**
 RT ACETATES
 SALICYLATES

ACHIEVEMENT

RT COMPLETENESS
 GOALS
 LEARNING

ACHONDRITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . **ACHONDRITES**
 BONDOC METEORITE
 CHASSIGNITES
 KAPOETA ACHONDRITE
 NAKHLITES
 NORTON COUNTY ACHONDRITE
 SHERGOTTITES
 UREILITES
 RT CHONDRITES
 IRON METEORITES

ACID BASE EQUILIBRIUM

GS CHEMICAL EQUILIBRIUM
 . **ACID BASE EQUILIBRIUM**
 RT ∞ EQUILIBRIUM
 HOMEOSTASIS
 PH
 PH FACTOR
 STABILIZATION
 THERMODYNAMIC EQUILIBRIUM

ACID RAIN

GS PRECIPITATION (METEOROLOGY)
 . RAIN
 . . **ACID RAIN**
 RT AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC MOISTURE
 CLOUDS (METEOROLOGY)
 DEW
 METEOROLOGY
 PH
 RAINSTORMS
 SNOW
 SULFUR OXIDES

ACIDITY

GS CHEMICAL PROPERTIES
 . **ACIDITY**
 RT HYDROGEN IONS
 ION CONCENTRATION
 PH
 TITRATION

ACIDOSIS

RT ALKALOSIS
 HYPERVENTILATION
 PH
 PH FACTOR
 TOXICITY

ACIDS

GS **ACIDS**
 . AMINO ACIDS
 . ALANINE
 . . PHENYLALANINE
 . . ASPARTIC ACID
 . . CYSTEINE
 . . DOPA
 . . FOLIC ACID
 . . GLUTAMIC ACID
 . . GLUTAMINE
 . . GLYCINE
 . . HIPPURIC ACID
 . . HISTIDINE
 . . LEUCINE

ACIDS--(cont.)

. . . NORLEUCINE
 . . . LYSINE
 . . . MELANOIDIN
 . . . METHIONINE
 . . . THYROXINE
 . . . TRYPTOPHAN
 . . . TYROSINE
 . . . AMOBARBITAL
 . . . ASCORBIC ACID
 . . . BORIC ACIDS
 . . . BUTYRIC ACID
 . . . CARBONIC ACID
 . . . CARBOXYLIC ACIDS
 . . . ACRYLIC ACID
 . . . ALANINE
 . . . ASPARTIC ACID
 . . . CITRIC ACID
 . . . DICARBOXYLIC ACIDS
 . . . FATTY ACIDS
 . . . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC ACIDS
 . . . IODOACETIC ACID
 . . . ACETYSALICYLIC ACID
 . . . BENZILIC ACID
 . . . BENZOIC ACID
 . . . LIPOIC ACID
 . . . OLEIC ACID
 . . . PALMITIC ACID
 . . . PROPIONIC ACID
 . . . SEBACIC ACID
 . . . VALERIC ACID
 . . . FOLIC ACID
 . . . FORMHYDROXAMIC ACID
 . . . FORMIC ACID
 . . . HEXOGENES (TRADEMARK)
 . . . LACTIC ACID
 . . . LYSINE
 . . . NICOTINIC ACID
 . . . OXALIC ACID
 . . . OXAMIC ACIDS
 . . . TRYPTOPHAN
 . . . CHROMIC ACID
 . . . CYANURIC ACID
 . . . CYTIDYLIC ACID
 . . . HYDRAZOIC ACID
 . . . HYDROBROMIC ACID
 . . . HYDROCHLORIC ACID
 . . . HYDROCYANIC ACID
 . . . HYDROFLUORIC ACID
 . . . NITRIC ACID
 . . . NUCLEIC ACIDS
 . . . DEOXYRIBONUCLEIC ACID
 . . . RIBONUCLEIC ACIDS
 . . . OXIDASE
 . . . PERCHLORIC ACID
 . . . PHOSPHORIC ACID
 . . . SULFONIC ACID
 . . . SULFURIC ACID
 . . . THYMIDINE
 . . . THYMINE
 . . . URIC ACID
 . . . URIDYLIC ACID
 . . . XANTHIC ACIDS
 RT ADRENOCORTICOTROPIN (ACTH)
 ANHYDRIDES
 HYDROGEN COMPOUNDS
 INORGANIC COMPOUNDS
 ∞ OXYGEN COMPOUNDS

ACOUSTIC ATTENUATION

GS ATTENUATION
 . . . WAVE ATTENUATION
 . . . ACOUSTIC ATTENUATION
 . . . SHOCK WAVE ATTENUATION
 RT ACOUSTIC COUPLING
 ACOUSTICS
 ANECHOIC CHAMBERS
 ATMOSPHERIC ATTENUATION
 BIOACOUSTICS
 GRAZING FLOW
 NOISE REDUCTION
 SOUND AMPLIFICATION
 WAVE PROPAGATION
 ZERO SOUND

ACOUSTIC COMBUSTION

USE COMBUSTION STABILITY

ACOUSTIC COUPLING

GS COUPLING
 . . . ACOUSTIC COUPLING
 RT ACOUSTIC ATTENUATION
 ACOUSTIC EXCITATION

ACOUSTIC COUPLING--(cont.)

ACOUSTICS
 ENERGY TRANSFER
 SOUND WAVES
 WAVE INTERACTION

ACOUSTIC DELAY LINES

UF SONIC WAVEGUIDES
 GS DELAY LINES
 . . . ACOUSTIC DELAY LINES
 RT COMPUTER STORAGE DEVICES
 DELAY CIRCUITS
 SURFACE ACOUSTIC WAVE DEVICES
 TRANSMISSION LINES

ACOUSTIC DETECTION

USE SOUND DETECTING AND RANGING

ACOUSTIC DUCTS

GS DUCTS
 . . . ACOUSTIC DUCTS
 RT GRAZING FLOW
 NOISE REDUCTION
 SPATIAL MARCHING

ACOUSTIC EMISSION

GS EMISSION
 . . . ACOUSTIC EMISSION
 RT ACOUSTIC MEASUREMENT
 CRACK PROPAGATION
 FAILURE ANALYSIS
 FATIGUE TESTING MACHINES
 NONDESTRUCTIVE TESTS
 STRESS WAVES

ACOUSTIC EXCITATION

GS EXCITATION
 . . . WAVE EXCITATION
 . . . ACOUSTIC EXCITATION
 RT ACOUSTIC COUPLING
 ACOUSTICS
 SOUND AMPLIFICATION
 SURFACE NOISE INTERACTIONS

ACOUSTIC FATIGUE

UF SONIC FATIGUE
 GS FATIGUE (MATERIALS)
 . . . ACOUSTIC FATIGUE
 RT ACOUSTICS

ACOUSTIC FREQUENCIES

UF SOUND FREQUENCIES
 GS FREQUENCIES
 . . . ACOUSTIC FREQUENCIES
 . . . AUDIO FREQUENCIES
 . . . QUEFRENCIES
 RT ACOUSTIC MEASUREMENT
 ACOUSTIC PROPERTIES
 ACOUSTICS
 FREQUENCY RANGES
 NOISE SPECTRA
 PRESSURE OSCILLATIONS
 RESONANT FREQUENCIES
 SOUND WAVES
 SUBAUDIBLE FREQUENCIES
 ULTRASONIC RADIATION
 WHISPERING GALLERY MODES

ACOUSTIC GENERATORS

USE SOUND GENERATORS

ACOUSTIC IMAGING

GS IMAGING TECHNIQUES
 . . . ACOUSTIC IMAGING
 . . . ACOUSTICAL HOLOGRAPHY
 RT ACOUSTIC MEASUREMENT
 ACOUSTIC SCATTERING
 NONDESTRUCTIVE TESTS
 ULTRASONIC FLAW DETECTION

ACOUSTIC IMPEDANCE

GS ACOUSTIC PROPERTIES
 . . . ACOUSTIC IMPEDANCE
 IMPEDANCE
 . . . ACOUSTIC IMPEDANCE
 RT ACOUSTICS
 GRAZING FLOW

ACOUSTIC INSTABILITY

GS ACOUSTIC PROPERTIES
 . . . ACOUSTIC INSTABILITY
 STABILITY
 . . . ACOUSTIC INSTABILITY
 RT SIGNAL FADING

ACOUSTIC LEVITATION

GS LEVITATION
 . . . ACOUSTIC LEVITATION
 RT BUOYANCY
 SPACE PROCESSING

ACOUSTIC MEASUREMENT

SN (MEASUREMENT OF PROPERTIES, QUANTITIES OR CONDITIONS ASSOCIATED WITH ELASTIC WAVES)
 UF SOUND MEASUREMENT
 GS ACOUSTIC MEASUREMENT
 . . . NOISE MEASUREMENT
 RT ACOUSTIC EMISSION
 ACOUSTIC FREQUENCIES
 ACOUSTIC IMAGING
 AMBIENCE
 ANECHOIC CHAMBERS
 AUDIO FREQUENCIES
 AUDIOMETRY
 CEPSTRAL ANALYSIS
 EFFECTIVE PERCEIVED NOISE LEVELS
 FREQUENCY MEASUREMENT
 GRAZING FLOW
 ∞ MEASUREMENT
 MECHANICAL MEASUREMENT
 NOISE METERS
 REVERBERATION CHAMBERS
 SEISMOGRAPHS
 SOUND PRESSURE
 SOUND WAVES
 ULTRASONIC TESTS

ACOUSTIC MICROSCOPES

UF SCANNING LASER ACOUSTIC MICROSCOPE (SLAM)
 GS MICROSCOPES
 . . . ACOUSTIC MICROSCOPES
 RT ACOUSTIC PROPAGATION
 IMAGING TECHNIQUES
 MICROWAVE FREQUENCIES
 OPTICAL EQUIPMENT
 PHOTOACOUSTIC MICROSCOPY
 WAVE PROPAGATION

ACOUSTIC NOZZLES

RT ∞ NOZZLES
 SONIC NOZZLES
 SOUND GENERATORS

ACOUSTIC PROPAGATION

GS TRANSMISSION
 . . . WAVE PROPAGATION
 . . . ACOUSTIC PROPAGATION
 RT ACOUSTIC MICROSCOPES
 ACOUSTICAL HOLOGRAPHY
 ACOUSTICS
 ELASTIC WAVES
 ∞ PROPAGATION
 SOUND PROPAGATION
 WHISPERING GALLERY MODES

ACOUSTIC PROPERTIES

GS ACOUSTIC PROPERTIES
 . . . ACOUSTIC IMPEDANCE
 . . . ACOUSTIC INSTABILITY
 . . . ACOUSTIC SCATTERING
 . . . REVERBERATION
 . . . ACOUSTIC VELOCITY
 . . . SOUND INTENSITY
 . . . ZERO SOUND
 RT ACOUSTIC FREQUENCIES
 FIELD STRENGTH
 GRAZING FLOW
 LAMB WAVES
 MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 ∞ PROPERTIES
 ∞ RESISTANCE
 SOUND WAVES
 WAVE DISPERSION

ACOUSTIC RADIATION

USE SOUND WAVES

ACOUSTIC RETROFITTING

GS RETROFITTING
 . . . ACOUSTIC RETROFITTING
 RT ABSORBERS (MATERIALS)
 AERODYNAMIC NOISE
 AIRCRAFT DESIGN
 AIRCRAFT NOISE
 JET AIRCRAFT NOISE
 MUFFLERS
 NOISE REDUCTION

ACOUSTIC RETROFITTING--(cont.)

PROPELLER NOISE
VIBRATION ISOLATORS

ACOUSTIC SCATTERING

GS ACOUSTIC PROPERTIES
 . **ACOUSTIC SCATTERING**
 . . . REVERBERATION
 SCATTERING
 . WAVE SCATTERING
 . . **ACOUSTIC SCATTERING**
 . . . REVERBERATION
RT ACOUSTIC IMAGING
ACOUSTIC SOUNDING
ACOUSTICS
DEEP SCATTERING LAYERS
RECIPROCITY THEOREM
SODAR
SOUND DETECTING AND RANGING
SURFACE NOISE INTERACTIONS
UNDERWATER ACOUSTICS

ACOUSTIC SIMULATION

GS SIMULATION
 . ENVIRONMENT SIMULATION
 . . **ACOUSTIC SIMULATION**
RT ELASTIC WAVES
FLIGHT SIMULATION
REVERBERATION CHAMBERS

ACOUSTIC SOUNDING

GS SOUNDING
 . **ACOUSTIC SOUNDING**
RT ACOUSTIC SCATTERING
ACOUSTICS
EARTH ATMOSPHERE
METEOROLOGY
ROCKET SOUNDING
ROCKET VEHICLES
SOUNDING ROCKETS
ULTRASONIC TESTS
UNDERGROUND ACOUSTICS
UPPER ATMOSPHERE

ACOUSTIC STABILITY

USE FREQUENCY STABILITY

ACOUSTIC STREAMING

RT FLUID FLOW
FLUID SWITCHING ELEMENTS
FRAGMENTATION
SOUND WAVES
STREAMLINING

ACOUSTIC VELOCITY

UF SONIC SPEED
SOUND BARRIER
SOUND VELOCITY
GS ACOUSTIC PROPERTIES
 . **ACOUSTIC VELOCITY**
 RATES (PER TIME)
 . **ACOUSTIC VELOCITY**
 VELOCITY
 . **ACOUSTIC VELOCITY**
RT . . . BARRIERS
EXHAUST VELOCITY
GUTENBERG ZONE
MACH CONES
MACH NUMBER
SONIC BOOMS
SOUND PRESSURE
SUBSONIC SPEED
SUPERSONIC SPEED
TRANSONIC SPEED

ACOUSTIC VIBRATIONS

USE SOUND WAVES

ACOUSTICAL HOLOGRAPHY

UF SONOHOLOGRAPHY
SOUND HOLOGRAPHY
GS IMAGERY
 . HOLOGRAPHY
 . . **ACOUSTICAL HOLOGRAPHY**
IMAGING TECHNIQUES
 . ACOUSTIC IMAGING
 . . **ACOUSTICAL HOLOGRAPHY**
PHOTOGRAPHY
 . HOLOGRAPHY
 . . **ACOUSTICAL HOLOGRAPHY**
RT ACOUSTIC PROPAGATION
IMAGING TECHNIQUES
SOUND WAVES
WAVE FRONT RECONSTRUCTION

ACOUSTICS

UF SOUND
GS **ACOUSTICS**
 . AEROACOUSTICS
 . BIOACOUSTICS
 . ELECTROACOUSTICS
 . GEOMETRICAL ACOUSTICS
 . MAGNETOACOUSTICS
 . MICROSONICS
 . PSYCHOACOUSTICS
 . UNDERWATER ACOUSTICS
RT ACOUSTIC ATTENUATION
ACOUSTIC COUPLING
ACOUSTIC EXCITATION
ACOUSTIC FATIGUE
ACOUSTIC FREQUENCIES
ACOUSTIC IMPEDANCE
ACOUSTIC PROPAGATION
ACOUSTIC SCATTERING
ACOUSTIC SOUNDING
ANECHOIC CHAMBERS
ARCHITECTURE
AUDIO TAPES
AUDITORY PERCEPTION
AUDITORY STIMULI
AUDITORY TASKS
COMFORT
EARPHONES
ECHOES
EFFECTIVE PERCEIVED NOISE LEVELS
ELASTIC WAVES
HARMONIC EXCITATION
HARMONIC GENERATIONS
HARMONIC OSCILLATION
HARMONICS
HUM
INFRASONIC FREQUENCIES
LAMB WAVES
LAME WAVE EQUATIONS
LOUDNESS
NOISE (SOUND)
NOISE POLLUTION
NOISE PROPAGATION
NOISE REDUCTION
OCTAVES
OPACITY
PHONETICS
POWER SPECTRA
SCIENCE
SIMPLE HARMONIC MOTION
SONIC ANEMOMETERS
SOUND AMPLIFICATION
SOUND FIELDS
SOUND PROPAGATION
SOUND TRANSMISSION
SOUND WAVES
SPEECH
STEREOPHONICS
ULTRASONIC CLEANING
ULTRASONIC SCANNERS
ULTRASONICS
VERBAL COMMUNICATION
VIBRATION
VIBRATION DAMPING
VOICE COMMUNICATION
ZERO SOUND

ACOUSTO-OPTICS

RT BRAGG CELLS
CRYSTAL OPTICS
ELECTRO-OPTICS
GEOMETRICAL OPTICS
IMAGERY
MAGNETO-OPTICS
OPTICAL PROPERTIES
OPTICAL SWITCHING
SCIENCE
PHOTOACOUSTIC MICROSCOPY
PHOTOACOUSTIC SPECTROSCOPY

ACPL (SPACELAB)

USE ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)

ACQUIRED IMMUNODEFICIENCY SYNDROME

UF AIDS (DISEASE)
GS DISEASES
 . INFECTIOUS DISEASES
 . . VIRAL DISEASES
 . . . **ACQUIRED IMMUNODEFICIENCY SYNDROME**
SIGNS AND SYMPTOMS
 . **ACQUIRED IMMUNODEFICIENCY SYNDROME**
RT ANTIBODIES

ACQUIRED IMMUNODEFICIENCY--(cont.)

HEPATITIS
HUMAN IMMUNODEFICIENCY VIRUS
IMMUNE SYSTEMS
IMMUNOLOGY
INTERFERON
MENINGITIS
PHYSIOLOGICAL DEFENSES
PNEUMONIA
VACCINES

ACQUISITION

GS **ACQUISITION**
 . DATA ACQUISITION
 . TARGET ACQUISITION
RT ACCUMULATIONS
COLLECTION
DETECTION
DOCUMENTATION
RECEIVING
RECOGNITION

ACRIFLAVINE

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . . HETEROCYCLIC COMPOUNDS
 . . . **ACRIFLAVINE**
RT ANTISEPTICS
DYES

ACROBATICS (AIRCRAFT)

USE AEROBATICS

ACROLEINS

GS ALDEHYDES
 . **ACROLEINS**
RT TOXICITY AND SAFETY HAZARD

ACRYLATES

GS ESTERS
 . **ACRYLATES**
RT RESINS

ACRYLIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . **ACRYLIC ACID**
ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **ACRYLIC ACID**

ACRYLIC RESINS

UF METHACRYLATE RESINS
POLYACRYLATES
GS PLASTICS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . . **ACRYLIC RESINS**
RESINS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . . **ACRYLIC RESINS**
RT LATEX
POLYACRYLONITRILE
THERMOPLASTIC RESINS

ACRYLONITRILES

UF VINYL CYANIDE
GS NITRILES
 . **ACRYLONITRILES**
 . . POLYACRYLONITRILE
RT PLASTICS

ACTH

USE ADRENOCORTICOTROPIN (ACTH)

ACTINIDE SERIES

GS CHEMICAL ELEMENTS
 . **ACTINIDE SERIES**
 . . ACTINIUM
 . . . RADIUM
 . . . RADIUM ISOTOPES
 . . . RADIUM 226
 . . . THORIUM
 . . . THORIUM ISOTOPES
 . . . TRANSURANUM ELEMENTS
 . . . AMERICIUM
 . . . AMERICIUM ISOTOPES
 . . . AMERICIUM 241
 . . . BERKELIUM
 . . . CALIFORNIUM
 . . . CALIFORNIUM ISOTOPES
 . . . CURIUM
 . . . CURIUM ISOTOPES

ACTINIDE SERIES--(cont.)

. CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238

METALS**ACTINIDE SERIES**

. ACTINIUM
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 THORIUM
 THORIUM ISOTOPES
 TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 RT RADIOACTIVE ISOTOPES
 RADIOACTIVE MATERIALS
 TRANSITION METALS

ACTINIDE SERIES COMPOUNDS**GS ACTINIDE SERIES COMPOUNDS**

. CALIFORNIUM COMPOUNDS
 CURIUM COMPOUNDS
 EINSTEINIUM COMPOUNDS
 NEPTUNIUM COMPOUNDS
 PLUTONIUM COMPOUNDS
 PLUTONIUM FLUORIDES
 PLUTONIUM OXIDES
 THORIUM COMPOUNDS
 THORIUM FLUORIDES
 THORIUM OXIDES
 URANIUM COMPOUNDS
 URANIUM CARBIDES
 URANIUM FLUORIDES
 URANIUM OXIDES

RT ∞CHEMICAL COMPOUNDS
 ∞GROUP 3B COMPOUNDS

ACTINIUM

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 **ACTINIUM**
 METALS
 ACTINIDE SERIES

ACTINIUM--(cont.)**ACTINIUM****ACTINOGRAPHS**

USE ACTINOMETERS

ACTINOMETERS

UF ACTINOGRAPHS
 EMISSOGRAPHS
 GS MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
 **ACTINOMETERS**
 INFRARED SPECTROMETERS
 PYRANOMETERS
 RADIOMETERS
 DICKE RADIOMETERS
 INFRARED DETECTORS
 INFRARED RADIOMETERS
 INFRARED SCANNERS
 MICROWAVE RADIOMETERS
 PASSIVE L-BAND RADIOMETERS
 PRESSURE MODULATOR
 RADIOMETERS
 SPECTRORADIOMETERS
 SOLAR SPECTROMETERS
 SPECTROHELIOGRAPHS
 SPECTROPHOTOMETERS
 INFRARED
 SPECTROPHOTOMETERS
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 ULTRAVIOLET DETECTORS
 ULTRAVIOLET SPECTROMETERS
 TOTAL OZONE MAPPING
 SPECTROMETER
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 X RAY DETECTORS
 RT DOSIMETERS
 FABRY-PEROT SPECTROMETERS
 FIELD INTENSITY METERS
 SPECTROMETERS

ACTINOMYCETES

GS MICROORGANISMS
 BACTERIA
 **ACTINOMYCETES**

ACTINOMYCIN

GS DRUGS
 ANTIBIOTICS
 **ACTINOMYCIN**

ACTIVATED CARBON

GS CHARCOAL
 **ACTIVATED CARBON**
 RT ∞ABSORPTION
 CARBON
 FILTRATION
 HEMOPERFUSION
 WATER TREATMENT

ACTIVATED SLUDGE

GS SLUDGE
 **ACTIVATED SLUDGE**
 RT BIODEGRADATION
 HUMAN WASTES
 METABOLIC WASTES
 SEWAGE
 WASTES

ACTIVATION

RT ACTUATION
 CATALYSIS
 DEACTIVATION
 ELECTROMAGNETIC ABSORPTION
 EXCITATION
 FLOTATION
 INITIATION
 IONIZATION POTENTIALS
 IRRADIATION
 MICROWAVE ABSORPTION
 SENSITIZING
 STARTING
 STIMULATION

ACTIVATION (BIOLOGY)

RT ACTIVATION ENERGY
 ∞BIOLOGY
 ∞CELLS
 ENZYMES
 STIMULATION

ACTIVATION ANALYSIS

GS **ACTIVATION ANALYSIS**
 NEUTRON ACTIVATION ANALYSIS
 RT ∞ANALYZING

ACTIVATION ENERGY

RT ACTIVATION (BIOLOGY)
 DAMKOHLER NUMBER
 ELECTRON ENERGY
 ∞ENERGY
 HEAT
 NUCLEAR BINDING ENERGY
 NUCLEAR CAPTURE
 PROTON ENERGY
 ROTONS
 SURFACE ENERGY

ACTIVE CONTROL

GS AUTOMATIC CONTROL
 ADAPTIVE CONTROL
 **ACTIVE CONTROL**
 RT AEROSERVOELASTICITY
 AIRCRAFT CONTROL
 ∞CONTROL
 INTERACTIVE CONTROL
 SELF ADAPTIVE CONTROL SYSTEMS
 SELF ALIGNMENT
 SERVOMECHANISMS
 SMART STRUCTURES

ACTIVE GALACTIC NUCLEI

GS GALACTIC NUCLEI
 **ACTIVE GALACTIC NUCLEI**
 RT ACTIVE GALAXIES
 BLAZARS
 GALACTIC RADIATION
 ∞NUCLEI
 QUASARS
 RADIO GALAXIES
 SEYFERT GALAXIES

ACTIVE GALAXIES

GS CELESTIAL BODIES
 GALAXIES
 **ACTIVE GALAXIES**
 MARKARIAN GALAXIES
 RADIO GALAXIES
 SEYFERT GALAXIES
 RT ACTIVE GALACTIC NUCLEI
 BLAZARS
 GALACTIC NUCLEI
 GALACTIC RADIATION
 QUASARS

ACTIVE GLACIERS

USE GLACIERS

ACTIVE MAGNETO PARTICLE TRACER EXPLORERS

USE AMPTE (SATELLITES)

ACTIVE SATELLITES

GS ARTIFICIAL SATELLITES
 **ACTIVE SATELLITES**
 SYNCOM SATELLITES
 EARLY BIRD SATELLITES
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE
 RT ADVENT PROJECT
 EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEODETIC SATELLITES
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE
 NAVIGATION SATELLITES
 NAVSTAR SATELLITES
 PASSIVE SATELLITES
 SYNCHRONOUS SATELLITES

ACTIVE VOLCANOES

USE VOLCANOES

∞ ACTIVITY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ACTIVITY (BIOLOGY)
 EXTRAVEHICULAR ACTIVITY
 FACULAE
 INTRAVEHICULAR ACTIVITY
 RADIOACTIVITY
 SOLAR ACTIVITY

ACTIVITY (BIOLOGY)

UF BIOLOGICAL ACTIVITY
 RT ∞ACTIVITY
 BIOLOGICAL EFFECTS
 ∞BIOLOGY
 CATALYTIC ACTIVITY

ACTIVITY CYCLES (BIOLOGY)

GS CYCLES
 . ACTIVITY CYCLES (BIOLOGY)
 RT ∞BIOLOGY
 CIRCADIAN RHYTHMS
 PHENOLOGY
 RHYTHM (BIOLOGY)

ACTS

SN (ADVANCED COMMUNICATIONS
 TECHNOLOGY SATELLITE)
 UF ADVANCED COMMUNICATIONS
 TECHNOLOGY SAT
 GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . ACTS
 RT EXTREMELY HIGH FREQUENCIES
 MICROWAVE TRANSMISSION
 SATELLITE COMMUNICATION

ACTIONATION

RT ACTIVATION
 ACTUATORS
 EXCITATION
 INITIATION
 NUTATION
 SENSITIZING
 STARTING
 STIMULATION

ACTUATOR DISKS

GS DISKS (SHAPES)
 . ACTUATOR DISKS
 RT ∞DISKS
 ∞FANS
 PROPELLERS

ACTUATORS

UF CARTRIDGE ACTUATED DEVICES
 HYDRAULIC ACTUATORS
 TRIGGERS
 RT ACTUATION
 AEROSERVOELASTICITY
 AIRCRAFT HYDRAULIC SYSTEMS
 AUTOMATIC CONTROL VALVES
 CAMS
 CONTROL VALVES
 CONTROLLERS
 ∞EFFECTORS
 EXPLOSIVE DEVICES
 ∞INSTRUMENTS
 MISSILE CONTROL
 PROPELLANT ACTUATED INSTRUMENTS
 REGULATORS
 SERVOMECHANISMS
 SERVOMOTORS
 SHAPE CONTROL
 SOLENOIDS
 STARTERS
 STEPPING MOTORS
 TORQUE MOTORS

ACUITY

GS ACUITY
 . VISUAL ACUITY
 . . HYPEROPIA
 RT ADAPTATION
 DISCRIMINATION
 ∞FREQUENCY RESPONSE
 PERCEPTION
 SENSITIVITY
 THRESHOLDS (PERCEPTION)

ACYLATION

GS CHEMICAL REACTIONS
 . ACYLATION
 . . ACETYLATION
 RT FRIEDEL-CRAFT REACTION

AD-A SATELLITE

USE EXPLORER 19 SATELLITE

AD/I B

USE EXPLORER 25 SATELLITE

AD/I SATELLITE

USE EXPLORER 24 SATELLITE

ADA (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . HIGH LEVEL LANGUAGES
 . . . ADA (PROGRAMMING LANGUAGE)
 RT COMPUTER PROGRAMMING
 EMBEDDED COMPUTER SYSTEMS
 OBJECT-ORIENTED PROGRAMMING

ADAPTATION

GS ADAPTATION
 . ACCLIMATIZATION
 . . ALTITUDE ACCLIMATIZATION
 . . COLD ACCLIMATIZATION
 . . HEAT ACCLIMATIZATION
 . . DESERT ADAPTATION
 . . RETINAL ADAPTATION
 . . DARK ADAPTATION
 . . LIGHT ADAPTATION
 RT ACCOMMODATION
 ACUITY
 CORRECTION
 FITTING
 HIBERNATION
 HOMEOSTASIS
 PERCEPTION
 REACTION TIME
 RETRAINING
 SENSITIVITY
 THRESHOLDS (PERCEPTION)
 VISION

ADAPTERS

GS ADAPTERS
 . MULTIPLE DOCKING ADAPTERS
 RT CONNECTORS
 EXTENSIONS
 FITTINGS
 JOINTS (JUNCTIONS)

ADAPTIVE CONTROL

UF ADAPTIVE CONTROL SYSTEMS
 GS AUTOMATIC CONTROL
 . ADAPTIVE CONTROL
 . . ACTIVE CONTROL
 . . MACHINE LEARNING
 . . MODEL REFERENCE ADAPTIVE
 CONTROL
 . . SELF ADAPTIVE CONTROL SYSTEMS
 RT AUTOMATA THEORY
 AUTONOMY
 ∞CONTROL
 CONTROL THEORY
 CYBERNETICS
 DYNAMIC CONTROL
 FEEDBACK CONTROL
 FEEDFORWARD CONTROL
 MISSION ADAPTIVE WINGS
 OPTIMAL CONTROL
 ROBOT CONTROL
 SAMPLED DATA SYSTEMS
 SELF ALIGNMENT
 SMART STRUCTURES

ADAPTIVE CONTROL SYSTEMS

USE ADAPTIVE CONTROL

ADAPTIVE FILTERS

RT BANDPASS FILTERS
 BANDSTOP FILTERS
 ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ∞FILTERS
 LINEAR FILTERS
 OPTICAL FILTERS
 TRACKING FILTERS

ADAPTIVE OPTICS

RT ATMOSPHERIC OPTICS
 COMPUTER TECHNIQUES
 FEEDBACK CONTROL
 IMAGING TECHNIQUES
 INSTRUMENT COMPENSATION
 OPTICAL CORRECTION PROCEDURE
 OPTICAL TRANSFER FUNCTION
 ∞OPTICS
 SELF ADAPTIVE CONTROL SYSTEMS

ADDERS (CIRCUITS)

USE ADDING CIRCUITS

ADDING CIRCUITS

UF ADDERS (CIRCUITS)
 BINARY SUMMATORS
 GS CIRCUITS

ADDING CIRCUITS--(cont.)

. ADDING CIRCUITS
 RT ACCUMULATORS (COMPUTERS)
 BINARY INTEGRATION
 COMPUTER COMPONENTS
 LOGIC CIRCUITS

ADDITION

RT ADDITION THEOREM
 AMOUNT
 ARITHMETIC
 COMPUTATION
 NUMBER THEORY
 RESTORATION

ADDITION RESINS

SN (CARBON CHAIN POLYMERS--FOR
 HETEROATOM CHAIN POLYMERS, USE
 POLYETHER RESINS)
 GS PLASTICS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . ACRYLIC RESINS
 . . VINYL COPOLYMERS
 RESINS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . ACRYLIC RESINS
 . . VINYL COPOLYMERS
 RT CROSSLINKING
 POLYBUTADIENE
 POLYETHYLENE TEREPHTHALATE
 POLYETHYLENES
 POLYISOBUTYLENE
 POLYPROPYLENE
 POLYSTYRENE
 POLYVINYL ALCOHOL
 POLYVINYL CHLORIDE
 SYNTHESIS (CHEMISTRY)
 SYNTHETIC FIBERS
 VULCANIZED ELASTOMERS

ADDITION THEOREM

GS NUMBER THEORY
 . ADDITION THEOREM
 THEOREMS
 . ADDITION THEOREM
 RT ADDITION

ADDITIVES

UF DOPING (ADDITIVES)
 GS ADDITIVES
 . ADMIXTURES
 . ANTIFREEZES
 . ANTICING ADDITIVES
 . ANTIKNOCK ADDITIVES
 . ANTIOXIDANTS
 . OIL ADDITIVES
 . OPACIFIERS
 . PLASTICIZERS
 . PROPELLANT ADDITIVES
 . . PROPELLANT BINDERS
 . . SOLID ROCKET BINDERS
 RT ∞AGENTS
 ALLOYING
 ANTIMISTING FUELS
 BINDERS (MATERIALS)
 CARRIER INJECTION
 CATALYSTS
 COATINGS
 DILUENTS
 DOPES
 FILLERS
 HIGH ENERGY FUELS
 INHIBITORS
 INTERSTITIALS
 LUBRICANTS
 MAJORITY CARRIERS
 MINORITY CARRIERS
 MODULATION DOPING
 NEUTRALIZERS
 PIGMENTS
 PRESERVATIVES
 RETARDANTS
 SOLVENTS
 STABILIZERS (AGENTS)
 SUPPRESSORS
 TETRAHYDROFURAN
 THICKENERS (MATERIALS)
 TRAVELING SOLVENT METHOD
 VINYL COPOLYMERS

ADDRESSING

RT CODING
 COMPUTER PROGRAMMING

ADDUCTS

RT ∞ CHEMICAL COMPOUNDS

ADEN

USE SOUTHERN YEMEN

ADENINES

GS BASES (CHEMICAL)
 . **ADENINES**
 . ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . . GLUCOSIDES
 . . . NUCLEOSIDES
 . . . **ADENINES**
 . . . CYCLIC COMPOUNDS
 . . . HETEROCYCLIC COMPOUNDS
 . . . PURINES
 . . . **ADENINES**
 . . . NUCLEOTIDES
 . . . **ADENINES**
 . PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . **ADENINES**
 RT RIBONUCLEIC ACIDS

ADENOSINE DIPHOSPHATE

UF ADP
 GS ORGANIC COMPOUNDS
 . COENZYMES
 . . **ADENOSINE DIPHOSPHATE**
 . . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ADENOSINES
 . . . **ADENOSINE DIPHOSPHATE**
 . . NUCLEOTIDES
 . . ADENOSINES
 . . . **ADENOSINE DIPHOSPHATE**
 . PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . DIPHOSPHATES
 . . **ADENOSINE DIPHOSPHATE**

ADENOSINE TRIPHOSPHATE

UF ATP
 GS ORGANIC COMPOUNDS
 . COENZYMES
 . . **ADENOSINE TRIPHOSPHATE**
 . . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ADENOSINES
 . . . **ADENOSINE TRIPHOSPHATE**
 . . NUCLEOTIDES
 . . ADENOSINES
 . . . **ADENOSINE TRIPHOSPHATE**
 . PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . **ADENOSINE TRIPHOSPHATE**
 RT AMINO ACIDS

ADENOSINES

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **ADENOSINES**
 . . . **ADENOSINE DIPHOSPHATE**
 . . . **ADENOSINE TRIPHOSPHATE**
 . . . CYCLIC AMP
 . . NUCLEOTIDES
 . . **ADENOSINES**
 . . . **ADENOSINE DIPHOSPHATE**
 . . . **ADENOSINE TRIPHOSPHATE**
 . . . CYCLIC AMP

ADENOVIRUSES

GS MICROORGANISMS
 . VIRUSES
 . . **ADENOVIRUSES**

ADEQUACY

RT QUALITY
 VALIDITY

ADHEROMETERS

USE ADHESION TESTS

ADHESION

GS SURFACE PROPERTIES
 . **ADHESION**
 RT ADHESION TESTS
 ADHESIVE BONDING
 AGGLUTINATION
 BONDING
 COLD WELDING
 FUSION (MELTING)

ADHESION--(cont.)

INTERFACIAL ENERGY
 INTERNAL PRESSURE
 ∞ JOINING
 METAL BONDING
 PEELING
 SEALING
 SPREADING
 TACKINESS
 TRACTION
 WETTABILITY

ADHESION TESTS

UF ADHEROMETERS
 FOKKER BOND TESTERS
 RT ADHESION
 BONDING
 NONDESTRUCTIVE TESTS
 ∞ TESTS
 WETTABILITY

ADHESIVE BONDING

GS BONDING
 . **ADHESIVE BONDING**
 RT ADHESION
 AGGLUTINATION
 BONDED JOINTS
 CEMENTATION
 ∞ JOINING
 METAL BONDING
 METAL-METAL BONDING
 RESIN BONDING
 SEALING

ADHESIVES

UF BINDERS (ADHESIVES)
 GS **ADHESIVES**
 . GLUES
 . PASTES
 . . TETRAETHYL ORTHOSILICATE
 RT AGGLUTINATION
 ALKYD RESINS
 BINDERS (MATERIALS)
 CEMENTS
 EPOXY RESINS
 FASTENERS
 FURAN RESINS
 JOINTS (JUNCTIONS)
 METAL-METAL BONDING
 PHENOLIC EPOXY RESINS
 PLASTIC TAPES
 SEALERS
 SEAMS (JOINTS)
 ∞ TAPES

ADI METHODS

USE ALTERNATING DIRECTION IMPLICIT
 METHODS

ADIABATIC CONDITIONS

GS CONDITIONS
 . **ADIABATIC CONDITIONS**
 RT CARNOT CYCLE
 COMPRESSING
 ENTHALPY
 ENVIRONMENTS
 EXPANSION
 ISENTROPE
 ISOENERGETIC PROCESSES
 ISOTHERMAL PROCESSES
 POLYTROPIC PROCESSES
 TEMPERATURE
 THERMAL ENVIRONMENTS
 THERMODYNAMIC CYCLES
 THERMODYNAMIC EQUILIBRIUM

ADIABATIC DEMAGNETIZATION COOLING

RT MAGNETIC COOLING

ADIABATIC EQUATIONS

RT ∞ EQUATIONS
 EQUATIONS OF STATE
 HEAT TRANSMISSION
 NONADIABATIC THEORY
 SHOCK WAVES

ADIABATIC FLOW

GS FLUID FLOW
 . **ADIABATIC FLOW**
 RT STAGNATION TEMPERATURE

ADIPOSE TISSUES

GS TISSUES (BIOLOGY)
 . **ADIPOSE TISSUES**

ADIPOSE TISSUES--(cont.)

RT CONNECTIVE TISSUE
 FATS

ADIPRENE (TRADEMARK)

GS RUBBER
 . SYNTHETIC RUBBERS
 . . **ADIPRENE (TRADEMARK)**

ADIRONDACK MOUNTAINS (NY)

GS LANDFORMS
 . MOUNTAINS
 . . **ADIRONDACK MOUNTAINS (NY)**
 RT NEW YORK

ADJOINTS

GS ALGEBRA
 . VECTOR SPACES
 . . MATRICES (MATHEMATICS)
 . . . **ADJOINTS**
 RT DATA PROCESSING
 NUMERICAL ANALYSIS

ADJUSTING

UF ADJUSTMENT
 READJUSTMENT
 RT ALIGNMENT
 CLEARANCES
 COLLIMATION
 CORRECTION
 FITTING
 FOCUSING
 LEVELING
 MATCHING
 OPTICAL CORRECTION PROCEDURE
 POSITIONING
 REVISIONS
 ∞ SETTING
 SMOOTHING

ADJUSTMENT

USE ADJUSTING

ADMINISTRATION

USE MANAGEMENT

ADMITTANCE

USE ELECTRICAL IMPEDANCE

ADMIXTURES

GS ADDITIVES
 . **ADMIXTURES**
 MIXTURES
 . **ADMIXTURES**
 RT ACCELERATING AGENTS
 CATALYSTS
 ∞ COMBINATION
 CONCRETES
 FORMULATIONS
 INGREDIENTS
 MIXERS
 MORTARS (MATERIAL)
 SURFACTANTS

ADOBE FLATS

USE FLATS (LANDFORMS)

ADP

USE ADENOSINE DIPHOSPHATE

ADRENAL GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . **ADRENAL GLAND**
 RT ADRENOCORTICOTROPIN (ACTH)
 EPINEPHRINE

ADRENAL METABOLISM

GS METABOLISM
 . **ADRENAL METABOLISM**
 RT ALDOSTERONE
 CORTICOSTEROIDS
 CORTISONE
 HYDROXYCORTICOSTEROID

ADRENALINE

USE EPINEPHRINE

ADRENERGICS

UF SYMPATHOMIMETICS
 GS DRUGS
 . **ADRENERGICS**
 RT ANTIADRENERGICS

ADRENERGICS--(cont.)

ANTICOAGULANTS
CYCLIC AMP

ADRENOCORTICOTROPIN (ACTH)

UF ACTH
GS SECRETIONS
 ENDOCRINE SECRETIONS
 HORMONES
 PITUITARY HORMONES
 ADRENOCORTICOTROPIN (ACTH)
RT ACIDS
 ADRENAL GLAND
 AMINO ACIDS
 PROTEINS

ADRIATIC SEA

GS SEAS
 MEDITERRANEAN SEA
 ADRIATIC SEA
RT ITALY
 YUGOSLAVIA

ADSORBENTS

GS SORBENTS
 ADSORBENTS
RT ABSORBENTS
 ADSORPTION
 AIR CONDITIONING EQUIPMENT
 CHARCOAL
 DESICCANTS
 HEMOPERFUSION

ADSORPTION

GS SORPTION
 ADSORPTION
 CHEMISORPTION
RT ∞ ABSORPTION
 ADSORBENTS
 ADSORPTIVITY
 BENEFICIATION
 CHROMATOGRAPHY
 CONCENTRATING
 DESORPTION
 DIFFUSION
 ELECTROSTATIC PRECIPITATORS
 ELUTION
 GAS CHROMATOGRAPHY
 GAS-METAL INTERACTIONS
 GIBBS ADSORPTION EQUATION
 ∞ SEPARATION
 WATER TREATMENT

ADSORPTIVITY

GS SURFACE PROPERTIES
 ADSORPTIVITY
RT ADSORPTION
 CHEMICAL PROPERTIES
 CHEMISORPTION
 ∞ PHYSICAL PROPERTIES

ADVANCED AIRBORNE COMMAND POST

USE E-4A AIRCRAFT

ADVANCED COMMUNICATIONS TECHNOLOGY**SAT**

USE ACTS

ADVANCED EVA PROTECTION SYSTEMS

USE AEPS

ADVANCED LAUNCH SYSTEM (STS)

UF ALS (LAUNCH SYSTEM)
GS TRANSPORTATION
 SPACE TRANSPORTATION
 SPACE TRANSPORTATION SYSTEM
 ADVANCED LAUNCH SYSTEM (STS)
RT HEAVY LIFT LAUNCH VEHICLES
 LAUNCH VEHICLE CONFIGURATIONS
 LAUNCH VEHICLES
 NASA PROGRAMS
 NASA SPACE PROGRAMS
 PAYLOAD DELIVERY (STS)
 REUSABLE LAUNCH VEHICLES
 SHUTTLE DERIVED VEHICLES
 SPACE SHUTTLES
 SPACECRAFT DESIGN

ADVANCED ORBITING SOLAR OBSERVATORY

USE AOSO

ADVANCED RANGE INSTRUMENTATION**AIRCRAFT**

RT AIRBORNE EQUIPMENT

ADVANCED RANGE INSTRUMENTATION--(cont.)

∞ AIRCRAFT
 APOLLO PROJECT
 C-135 AIRCRAFT
 DATA ACQUISITION
 TELEMETRY

ADVANCED RANGE INSTRUMENTATION SHIP

UF ARIS INSTRUMENTATION SHIP
GS WATER VEHICLES
 SHIPS
 ADVANCED RANGE
 INSTRUMENTATION SHIP
RT ∞ INSTRUMENTS
 MANNED SPACE FLIGHT NETWORK
 SPACECRAFT TRACKING
 TRACKING NETWORKS

ADVANCED RECONN ELECTRIC SPACECRAFT

UF ARES (SPACECRAFT)
GS INTERPLANETARY SPACECRAFT
 MARS PROBES
 ADVANCED RECONN ELECTRIC
 SPACECRAFT
 UNMANNED SPACECRAFT
 SPACE PROBES
 MARS PROBES
 ADVANCED RECONN ELECTRIC
 SPACECRAFT
RT ∞ SPACECRAFT

ADVANCED SODIUM COOLED REACTOR

UF ASCR REACTOR
GS NUCLEAR REACTORS
 LIQUID COOLED REACTORS
 LIQUID METAL COOLED REACTORS
 ADVANCED SODIUM COOLED
 REACTOR

ADVANCED SOLID ROCKET MOTOR (STS)

UF ASRM (STS)
GS ENGINES
 ROCKET ENGINES
 BOOSTER ROCKET ENGINES
 SPACE SHUTTLE BOOSTERS
 ADVANCED SOLID ROCKET
 MOTOR (STS)
 SOLID PROPELLANT ROCKET
 ENGINES
 SPACE SHUTTLE BOOSTERS
 ADVANCED SOLID ROCKET
 MOTOR (STS)
RT SPACE SHUTTLE ASCENT STAGE
 SPACE TRANSPORTATION SYSTEM

ADVANCED TACTICAL FIGHTER

USE F-22 AIRCRAFT

ADVANCED TECHNOLOGY LABORATORY

GS LABORATORIES
 SPACE LABORATORIES
 ADVANCED TECHNOLOGY
 LABORATORY
 PAYLOADS
 SPACE SHUTTLE PAYLOADS
 ADVANCED TECHNOLOGY
 LABORATORY
RT SPACELAB

ADVANCED TECHNOLOGY LIGHT TWIN**AIRCRAFT**

USE ATLIT PROJECT

ADVANCED TEST REACTORS

UF ATR REACTOR
GS NUCLEAR REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS
 ADVANCED TEST REACTORS

ADVANCED VERY HIGH RESOLUTION**RADIOMETER**

UF AVHRR
GS MEASURING INSTRUMENTS
 SATELLITE-BORNE INSTRUMENTS
 ADVANCED VERY HIGH RESOLUTION
 RADIOMETER
RT INFRARED INSTRUMENTS
 NOAA 6 SATELLITE
 NOAA 7 SATELLITE
 NOAA 8 SATELLITE
 REMOTE SENSORS
 TIROS N SERIES SATELLITES

ADVANCED VIDICON CAMERA SYSTEM (AVCS)

UF AVCS
GS COMMUNICATION EQUIPMENT
 ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
 TELEVISION SYSTEMS
 ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)
RT ∞ SYSTEMS
 VIDEO EQUIPMENT
 VIDICONS

ADVANCED X RAY ASTROPHYSICS FACILITY

USE X RAY ASTROPHYSICS FACILITY

ADVANCING GLACIERS

USE GLACIERS

ADVANCING SHORELINES

USE BEACHES

ADVECTION

RT ATMOSPHERIC CIRCULATION
 CONVECTION
 HEAT TRANSFER
 MIXING LAYERS (FLUIDS)
 PECLET NUMBER

ADVENT PROJECT

GS PROGRAMS
 PROJECTS
 ADVENT PROJECT
RT ACTIVE SATELLITES
 COMMUNICATION SATELLITES
 COURIER SATELLITE
 RELAY SATELLITES

AE-A SATELLITE

USE EXPLORER 17 SATELLITE

AE-B SATELLITE

USE EXPLORER 32 SATELLITE

AE-C SATELLITE

USE EXPLORER 51 SATELLITE

AE-D SATELLITE

USE EXPLORER 54 SATELLITE

AE-E SATELLITE

USE EXPLORER 55 SATELLITE

AEOLIAN TONES

RT ELASTIC WAVES
 FREQUENCIES
 KARMAN VORTEX STREET
 NOISE (SOUND)
 SOUND WAVES
 WIND (METEOROLOGY)

AEOLOTROPISM

GS TROPISM
 AEOLOTROPISM
RT ANISOTROPY

AEPS

UF ADVANCED EVA PROTECTION SYSTEMS
GS SUPPORT SYSTEMS
 LIFE SUPPORT SYSTEMS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 AEPS
 PORTABLE LIFE SUPPORT SYSTEMS
 AEPS
RT COLUMBUS SPACE STATION
 EXTRAVEHICULAR ACTIVITY
 LUNAR BASES
 MARS LANDING
 OXYGEN SUPPLY EQUIPMENT
 SPACE SHUTTLES
 SPACE STATIONS
 SURVIVAL EQUIPMENT

AERATION

RT AGITATION
 BENEFICIATION
 BLOWING
 BUBBLES
 CORROSION PREVENTION
 DEGASSING
 DISSOLVED GASES
 DISSOLVING
 ENTRAINMENT
 MIXERS

AERATION--(cont.)

MIXING
OXYGENATION
PURIFICATION
∞ SEPARATION
SPRAYING
STIRRING
SUSPENDING (MIXING)
WATER TREATMENT

AERIAL ACROBATICS

USE AEROBATICS

AERIAL EXPLOSIONS

SN (LIMITED TO EXPLOSIONS OCCURRING
AT HEIGHTS LESS THAN 50 KM)
UF AIR BLASTS
GS EXPLOSIONS
. **AERIAL EXPLOSIONS**
RT BLAST LOADS
CHEMICAL EXPLOSIONS
NUCLEAR EXPLOSIONS
THERMONUCLEAR EXPLOSIONS

AERIAL IMAGERY

USE AERIAL PHOTOGRAPHY

AERIAL PHOTOGRAPHY

UF AERIAL IMAGERY
GS IMAGERY
. **AERIAL PHOTOGRAPHY**
PHOTOGRAPHY
RT **AERIAL PHOTOGRAPHY**
ASTRONOMICAL PHOTOGRAPHY
CHANGE DETECTION
CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
COLOR PHOTOGRAPHY
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES SURVEY AIRCRAFT
FOREST FIRE DETECTION
GEOGRAPHIC INFORMATION SYSTEMS
GRAY SCALE
GROUND TRUTH
ICE MAPPING
IMAGE MOTION COMPENSATION
INFRARED PHOTOGRAPHY
ORTHOPHOTOGRAPHY
PHOTOGEOLOGY
PHOTOGRAMMETRY
PHOTOINTERPRETATION
PHOTOMAPPING
PHOTOMAPS
PIXELS
PLANT STRESS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SEA TRUTH
SPACEBORNE PHOTOGRAPHY
STEREOPHOTOGRAPHY
TIMBER INVENTORY
ULTRAVIOLET PHOTOGRAPHY

AERIAL RECONNAISSANCE

GS RECONNAISSANCE
. **AERIAL RECONNAISSANCE**
.. AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
RT AEROMAGNETISM
CHANGE DETECTION
EARTH RESOURCES SURVEY AIRCRAFT
GROUND TRUTH
HS-801 AIRCRAFT
INFRARED RADIOMETERS
METEOROLOGICAL FLIGHT
PHOTORECONNAISSANCE
RECONNAISSANCE AIRCRAFT
RECONNAISSANCE SPACECRAFT
THERMAL MAPPING

AERIAL RUDDERS

GS AIRFOILS
. **AERIAL RUDDERS**
CONTROL SURFACES
. RUDDERS
.. **AERIAL RUDDERS**
RT FINS
HORIZONTAL TAIL SURFACES
MARINE RUDDERS
STABILIZERS (FLUID DYNAMICS)
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES

AEROACOUSTICS

GS ACOUSTICS

AEROACOUSTICS--(cont.)**. AEROACOUSTICS**

RT AERODYNAMICS
∞ AERONAUTICS
AIRCRAFT NOISE
GRAZING FLOW
NOISE PREDICTION (AIRCRAFT)
PROPELLER NOISE
∞ SCIENCE
SURFACE NOISE INTERACTIONS

AEROASSIST

RT AEROBRAKING
AEROCAPTURE
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AEROBATICS

UF ACROBATICS (AIRCRAFT)
AERIAL ACROBATICS
STUNT FLYING
RT FLIGHT CONTROL
MANEUVERS

AEROBEE ROCKET VEHICLE

GS ROCKET VEHICLES
. SOUNDING ROCKETS
.. **AEROBEE ROCKET VEHICLE**

AEROBES

RT ANAEROBES
BACTERIA
MICROORGANISMS
SEWAGE TREATMENT

AEROBIOLOGY

RT AIR POLLUTION
AIRBORNE INFECTION
∞ BIOLOGY
ENVIRONMENT POLLUTION
POLLEN

AEROBRAKING

RT AEROASSIST
AEROCAPTURE
AEROMANEUVERING
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AEROCAPTURE

RT AEROASSIST
AEROBRAKING
AEROMANEUVERING
ATMOSPHERIC ENTRY
INTERPLANETARY TRANSFER ORBITS
TRANSFER ORBITS

AERODONTALGIA

USE TOOTH DISEASES

AERODYNAMIC AXIS

USE AERODYNAMIC BALANCE

AERODYNAMIC BALANCE

UF AERODYNAMIC AXIS
AERODYNAMIC CENTER
DRAG BALANCE
TRIM (BALANCE)
GS AERODYNAMIC CHARACTERISTICS
. **AERODYNAMIC BALANCE**
RT AIRCRAFT STABILITY
BALANCE
DYNAMIC CHARACTERISTICS
HORIZONTAL FLIGHT
LIFT DRAG RATIO
MASS DISTRIBUTION
SPACECRAFT MOTION
SPACECRAFT STABILITY
STATIC AERODYNAMIC
CHARACTERISTICS
TURNING FLIGHT

AERODYNAMIC BRAKES

GS BRAKES (FOR ARRESTING MOTION)
. **AERODYNAMIC BRAKES**
.. BALLUTES
.. DRAG CHUTES
.. PARAVULCOONS
.. SPLIT FLAPS
.. WING FLAPS
... LEADING EDGE FLAPS
... LEADING EDGE SLATS

AERODYNAMIC BRAKES--(cont.)

... TRAILING EDGE FLAPS
... VORTEX FLAPS
DRAG DEVICES
. **AERODYNAMIC BRAKES**
.. BALLUTES
.. DRAG CHUTES
.. PARAVULCOONS
.. SPLIT FLAPS
.. WING FLAPS
... LEADING EDGE FLAPS
... LEADING EDGE SLATS
... TRAILING EDGE FLAPS
... VORTEX FLAPS
RT AIRCRAFT BRAKES
CONTROL SURFACES
FLAPERONS
FLAPS (CONTROL SURFACES)
PARACHUTES
RETRACTABLE EQUIPMENT
SPOILERS

AERODYNAMIC BUZZ

USE FLUTTER

AERODYNAMIC CENTER

USE AERODYNAMIC BALANCE

AERODYNAMIC CHARACTERISTICS

GS **AERODYNAMIC CHARACTERISTICS**
. AERODYNAMIC BALANCE
. AERODYNAMIC DRAG
. SUPERSONIC DRAG
. AERODYNAMIC STABILITY
. INTERFERENCE DRAG
. LIFT
.. INTERFERENCE LIFT
.. JET LIFT
.. ROTOR LIFT
.. ZERO LIFT
. STATIC AERODYNAMIC
CHARACTERISTICS
RT AERODYNAMIC NOISE
ANGLE OF ATTACK
ASPECT RATIO
∞ CHARACTERISTICS
CROSS FLOW
DYNAMIC CHARACTERISTICS
ENGINE AIRFRAME INTEGRATION
FLIGHT ENVELOPES
INDUCED DRAG
ROTOR BODY INTERACTIONS
UNDER SURFACE BLOWING
UNSTEADY AERODYNAMICS
UPPER SURFACE BLOWING
WIND TUNNEL TESTS

AERODYNAMIC CHORDS

USE AIRFOIL PROFILES
CHORDS (GEOMETRY)

AERODYNAMIC COEFFICIENTS

UF LIFT COEFFICIENTS
GS COEFFICIENTS
. **AERODYNAMIC COEFFICIENTS**
RT ∞ DRAG COEFFICIENTS
FLOW COEFFICIENTS
FLOW DISTORTION
FORCE DISTRIBUTION
LIFT
LIFT DRAG RATIO
PITCHING MOMENTS
PRESSURE DISTRIBUTION
ROLLING MOMENTS
YAWING MOMENTS

AERODYNAMIC CONFIGURATIONS

SN (LIMITED TO AERODYNAMIC VEHICLE
SHAPES--FOR LIFTING OR THRUSTING
SURFACES USE AIRFOILS)
GS **AERODYNAMIC CONFIGURATIONS**
. DROOPED AIRFOILS
. WAVERIDERS
RT WING NACELLE CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN
AIRFOILS
BLUNT BODIES
BODIES OF REVOLUTION
BODY-WING AND TAIL CONFIGURATIONS
BODY-WING CONFIGURATIONS
CANARD CONFIGURATIONS
CHANNEL WINGS
CONES
∞ CONFIGURATIONS

AERODYNAMIC CONFIGURATIONS--(cont.)

CONTROL SURFACES
 ∞ DESIGN
 DISKS (SHAPES)
 DRAG
 ENGINE AIRFRAME INTEGRATION
 FAIRINGS
 FINNED BODIES
 HALF CONES
 ∞ HEMISPHERES
 INTAKE SYSTEMS
 LAUNCH VEHICLE CONFIGURATIONS
 LIFT
 LIFTING BODIES
 MISSILE CONFIGURATIONS
 MONOPLANES
 NACELLES
 NOSE TIPS
 OBLIQUE WINGS
 PROPULSION SYSTEM CONFIGURATIONS
 PROTUBERANCES
 PYLON MOUNTING
 REYNOLDS EQUATION
 RING STRUCTURES
 ROTOR BODY INTERACTIONS
 SATELLITE CONFIGURATIONS
 SCALE MODELS
 SEMISPAN MODELS
 SLENDER BODIES
 SLENDER CONES
 SPACECRAFT CONFIGURATIONS
 SPHERES
 STRAKES
 STREAMLINED BODIES
 THREE DIMENSIONAL BODIES
 WEDGES
 WIND TUNNEL MODELS
 WING ROOTS

AERODYNAMIC DRAG

GS AERODYNAMIC CHARACTERISTICS
 . AERODYNAMIC DRAG
 . . SUPERSONIC DRAG
 AERODYNAMIC FORCES
 . AERODYNAMIC DRAG
 . . SUPERSONIC DRAG
 DYNAMIC CHARACTERISTICS
 . DRAG
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 . . . SUPERSONIC DRAG
 FRICTION
 . FLOW RESISTANCE
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 . . . SUPERSONIC DRAG
 . SKIN FRICTION
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 . . . SUPERSONIC DRAG
 RT BALLISTICS
 BASE PRESSURE
 ∞ DRAG COEFFICIENTS
 DRAG MEASUREMENT
 DRAG REDUCTION
 GROUND EFFECT (AERODYNAMICS)
 HYPERSONIC FORCES
 INDUCED DRAG
 LIFT
 LIFT DRAG RATIO
 ORBIT DECAY
 PRESSURE DRAG
 ∞ RESISTANCE
 SATELLITE DRAG
 TURBULENCE
 VORTEX FLAPS

AERODYNAMIC FORCES

UF GLAUERT COEFFICIENT
 GS AERODYNAMIC FORCES
 . AERODYNAMIC DRAG
 . . SUPERSONIC DRAG
 . AERODYNAMIC INTERFERENCE
 . AERODYNAMIC LOADS
 . . BLAST LOADS
 . . GUST LOADS
 . . HYPERSONIC FORCES
 . LIFT
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 . WING LOADING
 RT ∞ FORCE
 LEADING EDGE THRUST

AERODYNAMIC FORCES--(cont.)

THRUST DISTRIBUTION
 UNSTEADY AERODYNAMICS

AERODYNAMIC HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . . HEAT TRANSFER
 . . . AERODYNAMIC HEAT TRANSFER
 HYPERSONIC HEAT TRANSFER
 SUPERSONIC HEAT TRANSFER
 RT ABLATION
 AEROTHERMODYNAMICS
 TURBULENT HEAT TRANSFER

AERODYNAMIC HEATING

GS HEATING
 . KINETIC HEATING
 . . AERODYNAMIC HEATING
 . . . SHOCK HEATING
 RT ABLATION
 AERODYNAMICS
 AEROTHERMOCHEMISTRY
 AEROTHERMODYNAMICS
 ATMOSPHERIC ENTRY
 BOUNDARY LAYER PLASMAS
 COMPRESSIBLE FLUIDS
 CONVECTIVE HEAT TRANSFER
 HYPERSONIC REENTRY
 REENTRY
 REENTRY EFFECTS
 REENTRY SHIELDING
 SKIN FRICTION
 SKIN TEMPERATURE (NON-BIOLOGICAL)
 TRANSIENT HEATING
 UNCONTROLLED REENTRY
 (SPACECRAFT)

AERODYNAMIC INTERFERENCE

GS AERODYNAMIC FORCES
 . AERODYNAMIC INTERFERENCE
 RT AERODYNAMICS
 AIR FLOW
 AIRCRAFT CONFIGURATIONS
 AIRCRAFT STRUCTURES
 AIRFOIL PROFILES
 CONTROL SURFACES
 ∞ INTERFERENCE
 PROTUBERANCES
 TURBULENT FLOW
 WING PROFILES

AERODYNAMIC LIFT

USE LIFT

AERODYNAMIC LOADS

GS AERODYNAMIC FORCES
 . AERODYNAMIC LOADS
 . . BLAST LOADS
 . . GUST LOADS
 LOADS (FORCES)
 . DYNAMIC LOADS
 . . AERODYNAMIC LOADS
 . . . BLAST LOADS
 . . . GUST LOADS
 RT AXIAL COMPRESSION LOADS
 AXIAL LOADS
 COMPRESSION LOADS
 CRITICAL LOADING
 EDGE LOADING
 FORCE DISTRIBUTION
 LOADING MOMENTS
 PRESSURE DISTRIBUTION
 SHOCK LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THRUST LOADS
 TRANSIENT LOADS
 VIBRATORY LOADS
 WING LOADING

AERODYNAMIC MOMENTS

USE STABILITY DERIVATIVES

AERODYNAMIC NOISE

UF BOUNDARY LAYER NOISE
 GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . AERODYNAMIC NOISE
 BLADE SLAP NOISE
 PROPELLER NOISE
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC CHARACTERISTICS
 AEROELASTICITY

AERODYNAMIC NOISE--(cont.)

AIRCRAFT NOISE
 FLUTTER
 JET AIRCRAFT NOISE
 NOISE MEASUREMENT
 NOISE REDUCTION
 PANEL FLUTTER
 SHOCK WAVES
 SONIC BOOMS
 SURFACE NOISE INTERACTIONS

AERODYNAMIC STABILITY

UF FLYING PLATFORM STABILITY
 GS AERODYNAMIC CHARACTERISTICS
 . AERODYNAMIC STABILITY
 DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . AERODYNAMIC STABILITY
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . AERODYNAMIC STABILITY
 RT AEROELASTICITY
 AIRCRAFT STABILITY
 AIRFOIL OSCILLATIONS
 ATTITUDE STABILITY
 BALLAST (MASS)
 BOUNDARY LAYER STABILITY
 BUFFETING
 DIRECTIONAL STABILITY
 DYNAMIC TESTS
 FLIGHT ENVELOPES
 FLIGHT STABILITY TESTS
 FLOW STABILITY
 FLUTTER
 GROUND RESONANCE
 HELICOPTER PERFORMANCE
 HOVERING
 LATERAL STABILITY
 LIQUID SLOSHING
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY
 MASS DISTRIBUTION
 PILOT INDUCED OSCILLATION
 PRESSURE DISTRIBUTION
 REENTRY
 RICHARDSON NUMBER
 SPACECRAFT MOTION
 SPACECRAFT STABILITY
 STABILITY AUGMENTATION
 STATIC AERODYNAMIC
 CHARACTERISTICS
 TURBULENCE EFFECTS
 UNSTEADY AERODYNAMICS
 VORTEX AVOIDANCE
 WIND TUNNEL STABILITY TESTS
 WING OSCILLATIONS
 YAW

AERODYNAMIC STALLING

RT AIRCRAFT PERFORMANCE
 AIRCRAFT SPIN
 AIRSPEED
 ANGLE OF ATTACK
 BOUNDARY LAYER SEPARATION
 LIFT DRAG RATIO
 LOW SPEED STABILITY
 ∞ STALLING
 SWEEP ANGLE
 ZERO LIFT

AERODYNAMIC VEHICLES

USE AIRCRAFT

AERODYNAMICS

UF HYDROAEROMECHANICS
 GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . GAS DYNAMICS
 . . . AERODYNAMICS
 AEROTHERMODYNAMICS
 HYPERSONICS
 ROTOR AERODYNAMICS
 SUPERSONICS
 UNSTEADY AERODYNAMICS
 RT AEROACOUSTICS
 AERODYNAMIC HEATING
 AERODYNAMIC INTERFERENCE
 AEROELASTICITY
 AERONAUTICAL ENGINEERING
 ∞ AERONAUTICS
 ∞ AEROSPACE SCIENCES
 ∞ AIRCRAFT
 AIRFOILS

AERODYNAMICS--(cont.)

BLUNT BODIES
 BODIES OF REVOLUTION
 BOUNDARY LAYER CONTROL
 COMPRESSIBLE FLOW
 CONTROL SURFACES
 DRAG
 ∞ DYNAMICS
 ∞ FLIGHT
 FLIGHT CHARACTERISTICS
 FLIGHT MECHANICS
 ∞ FLOW
 FLOW THEORY
 FREE WING AIRCRAFT
 GROUND EFFECT (AERODYNAMICS)
 HYPERSONIC FLIGHT
 HYPERSONIC FLOW
 INCOMPRESSIBLE FLOW
 INVISCID FLOW
 LAMINAR FLOW
 LIFT
 MACH NUMBER
 MACH-ZEHNDER INTERFEROMETERS
 REENTRY
 ∞ SCIENCE
 SLENDER BODIES
 SUBSONIC FLOW
 SUPERSONIC FLOW
 THERMODYNAMICS
 TRANSONIC FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 VISCOUS FLOW
 WIND MEASUREMENT
 WIND TUNNELS

AEROELASTIC RESEARCH WINGS

GS AIRFOILS
 . WINGS
 . . . **AEROELASTIC RESEARCH WINGS**
 RT AIRCRAFT DESIGN
 FLUTTER
 FLUTTER ANALYSIS
 STRUCTURAL DESIGN
 WING OSCILLATIONS

AEROELASTICITY

GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . . **AEROELASTICITY**
 . . . AEROSERVOELASTICITY
 . . . AERTHERMOELASTICITY
 RT AERODYNAMIC NOISE
 AERODYNAMIC STABILITY
 AERODYNAMICS
 AERTHERMODYNAMICS
 AIRCRAFT STRUCTURES
 AIRFOIL OSCILLATIONS
 DAST PROGRAM
 FLUTTER
 INFLUENCE COEFFICIENT
 PANEL FLUTTER
 RIGID WINGS
 THERMOELASTICITY
 UNSTEADY AERODYNAMICS
 WING LOADING

AEROEMBOLISM

GS EMBOLISMS
 . **AEROEMBOLISM**
 RT ALTITUDE SICKNESS
 DECOMPRESSION SICKNESS
 FAT EMBOLISMS
 STRESS (PHYSIOLOGY)

AEROGELS

RT FOAMS
 GELS
 POROUS MATERIALS
 SILICA GEL

AEROGYRO HELICOPTERS

USE XH-51 HELICOPTER

AEROLOGY

GS METEOROLOGY
 . **AEROLOGY**
 RT ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 METEOROLOGICAL PARAMETERS
 POLAR METEOROLOGY
 SEA BREEZE

AEROLOGY--(cont.)

WIND (METEOROLOGY)

AEROMAGNETISM

RT AERIAL RECONNAISSANCE
 GEOMAGNETISM
 MAGNETIC ANOMALIES
 MAGNETIC SURVEYS
 MAGNETIC VARIATIONS
 REMOTE SENSING

AEROMAGNETO FLUTTER

USE FLUTTER

AEROMANEUVERING

RT AEROASSIST
 AEROBRAKING
 AEROCAPTURE
 ATMOSPHERIC ENTRY
 INTERPLANETARY TRANSFER ORBITS
 TRANSFER ORBITS

AEROMANEUVERING ORBIT TO ORBIT SHUTTLE

UF AMOOS
 GS ORBIT TRANSFER VEHICLES
 . **AEROMANEUVERING ORBIT TO ORBIT SHUTTLE**
 RT ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
 ORBITAL MECHANICS
 REUSABLE LAUNCH VEHICLES
 SPACE SHUTTLES

AERONAUTICAL ENGINEERING

GS AEROSPACE ENGINEERING
 . **AERONAUTICAL ENGINEERING**
 RT AERODYNAMICS
 ∞ AERONAUTICS
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 AIRCRAFT INDUSTRY
 AUXILIARY PROPULSION
 COMPOUND HELICOPTERS
 ∞ ENGINEERING
 FUNCTIONAL DESIGN SPECIFICATIONS
 MECHANICAL ENGINEERING
 PROPULSION
 STRUCTURAL ENGINEERING

AERONAUTICAL SATELLITES

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . . **AERONAUTICAL SATELLITES**
 . . . AEROSAT SATELLITES
 RT ∞ AERONAUTICS
 AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRCRAFT COMMUNICATION
 GROUND-AIR-GROUND COMMUNICATION
 RESCUE OPERATIONS
 SATELLITE NETWORKS

∞ AERONAUTICS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF AVIATION
 RT AEROACOUSTICS
 AERODYNAMICS
 AERONAUTICAL ENGINEERING
 AERONAUTICAL SATELLITES
 AEROSPACE ENGINEERING
 ∞ AEROSPACE SCIENCES
 AIR LAW
 ∞ AIRCRAFT
 AIRPORTS
 AVIONICS
 CIVIL AVIATION
 ∞ FLIGHT
 GENERAL AVIATION AIRCRAFT
 HUMAN FACTORS ENGINEERING
 ∞ MILITARY AVIATION
 ∞ SCIENCE
 TACT PROGRAM

AERONOMY

RT AIRGLOW
 ALPINE METEOROLOGY
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC PHYSICS
 AURORAS
 DIAL SATELLITE
 FIELD ALIGNED CURRENTS
 FLUX TRANSFER EVENTS
 GEOPHYSICS

AERONOMY--(cont.)

MAGNETOSPHERE-IONOSPHERE
 COUPLING
 MESOMETEOROLOGY
 METEOROLOGY
 POLAR CUSPS
 UPPER ATMOSPHERE

AEROPHYSICS

USE ATMOSPHERIC PHYSICS

AEROQUATIC VEHICLES

RT AIRCRAFT DESIGN
 ATTACK AIRCRAFT
 ∞ MILITARY VEHICLES
 UNDERWATER PROPULSION
 UNDERWATER VEHICLES

AEROS SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . **AEROS SATELLITE**
 . . SYNCHRONOUS SATELLITES
 . . AEROS SATELLITE

AEROSAT SATELLITES

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . AERONAUTICAL SATELLITES
 . . . **AEROSAT SATELLITES**
 . . . ESA SATELLITES
 . . . **AEROSAT SATELLITES**
 . . . NAVIGATION SATELLITES
 . . . **AEROSAT SATELLITES**
 . . . SYNCHRONOUS SATELLITES
 . . . **AEROSAT SATELLITES**
 . . . ESA SPACECRAFT
 . . . ESA SATELLITES
 . . . **AEROSAT SATELLITES**
 RT EUROPEAN SPACE PROGRAMS
 SATELLITE NETWORKS

AEROSERVOELASTICITY

UF ASE (AERODYNAMICS)
 GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . AEROELASTICITY
 . . . **AEROSERVOELASTICITY**
 RT ACTIVE CONTROL
 ACTUATORS
 AIRFOIL OSCILLATIONS
 DYNAMIC CONTROL
 DYNAMIC RESPONSE
 DYNAMIC STRUCTURAL ANALYSIS
 FLUTTER
 SERVOCONTROL
 UNSTEADY AERODYNAMICS

AEROSINUSITIS

GS DISEASES
 . RESPIRATORY DISEASES
 . . **AEROSINUSITIS**
 RT AEROSPACE MEDICINE
 ALTITUDE SICKNESS

AEROSOLS

GS MIXTURES
 . DISPERSIONS
 . . COLLOIDS
 . . . **AEROSOLS**
 FOG
 . . . LIQUID-GAS MIXTURES
 . . . **AEROSOLS**
 FOG
 . . . PARTICLES
 . . **AEROSOLS**
 . . . FOG
 RT AIR POLLUTION
 AITKEN NUCLEI
 ATMOSPHERIC EFFECTS
 ATOMIZING
 CONDENSATION NUCLEI
 CROP DUSTING
 DUST
 ENTRAINMENT
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 EXHAUST CLOUDS
 FOG DISPERSAL
 FUMES
 GAS ATOMIZATION
 MIST
 MIXERS
 PARTICULATES
 PHOTOPHORESIS

AEROSOLS--(cont.)

POLLUTION TRANSPORT
SAGE SATELLITE
SMOKE
SMOKE ABATEMENT
SPRAYING
THERMOPHORESIS

AEROSPACE ENGINEERING

UF SPACE SYSTEMS ENGINEERING
GS **AEROSPACE ENGINEERING**
 . AERONAUTICAL ENGINEERING
RT ∞ AERONAUTICS
 ∞ AEROSPACE SCIENCES
 ∞ AIRCRAFT
 ∞ ENGINEERING
 MECHANICAL ENGINEERING
 MISSILE DESIGN
 STRUCTURAL ENGINEERING

AEROSPACE ENVIRONMENTS

SN (EXCLUDES SPACECRAFT
 INTRAVEHICULAR ENVIRONMENTS)
UF SPACE ENVIRONMENT
GS ENVIRONMENTS
 . **AEROSPACE ENVIRONMENTS**
 . CISLUNAR SPACE
 . DEEP SPACE
 . . . INTERPLANETARY SPACE
 . . . INTERSTELLAR SPACE
 . . . EARTH ORBITAL ENVIRONMENTS
RT ∞ AEROSPACE SCIENCES
 ARGON-OXYGEN ATMOSPHERES
 ∞ ASTRONAUTICS
 BIOASTRONAUTICS
 BIOPROCESSING
 BIOSATELLITES
 COSMIC RAYS
 EARTH ATMOSPHERE
 ELECTROMAGNETIC RADIATION
 EXO BIOLOGY
 EXTRATERRESTRIAL ENVIRONMENTS
 EXTRATERRESTRIAL LIFE
 EXTRATERRESTRIAL RADIATION
 EXTRAVEHICULAR ACTIVITY
 GEOPHYSICAL FLUID FLOW CELLS
 HAZARDOUS MATERIAL DISPOSAL (IN
 SPACE)
 HELIUM-OXYGEN ATMOSPHERES
 JUPITER ATMOSPHERE
 LIFE SUPPORT SYSTEMS
 LUNAR ENVIRONMENT
 MANNED SPACE FLIGHT
 MARS ATMOSPHERE
 NEPTUNE ATMOSPHERE
 PANSPERMIA
 PLANETARY ENVIRONMENTS
 RADIATION BELTS
 SOLAR RADIATION
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE HABITATS
 SPACE MANUFACTURING
 SPACEBORNE EXPERIMENTS
 SPACECRAFT CABIN SIMULATORS
 THERMAL ENVIRONMENTS
 URANUS ATMOSPHERE
 VACUUM
 VENUS ATMOSPHERE

AEROSPACE INDUSTRY

GS INDUSTRIES
 . **AEROSPACE INDUSTRY**
 . . . AIRCRAFT INDUSTRY
RT ∞ AIRCRAFT
 COMMERCIAL SPACECRAFT
 SPACE COMMERCIALIZATION

AEROSPACE MEDICINE

UF SPACE MEDICINE
GS **AEROSPACE MEDICINE**
 . AVIATION PSYCHOLOGY
 . SPACE PSYCHOLOGY
RT ACCELERATION STRESSES
 (PHYSIOLOGY)
 AEROSINUSITIS
 ∞ AEROSPACE SCIENCES
 ALTITUDE SICKNESS
 BIOASTRONAUTICS
 BIOFEEDBACK
 ∞ BIOLOGY
 BIOMEDICAL DATA
 CHLORELLA
 CLOSED ECOLOGICAL SYSTEMS
 ELECTROLYTE METABOLISM

AEROSPACE MEDICINE--(cont.)

FASTING
FLIGHT FATIGUE
GRAVITATIONAL PHYSIOLOGY
HEAD DOWN TILT
HEAD MOVEMENT
MEDICAL SCIENCE
∞ MEDICINE
 MOBILE QUARANTINE FACILITY
 MOTION SICKNESS
 RADIOLOGY
 ∞ SCIENCE
 SPACE ADAPTATION SYNDROME
 SPACECRAFT ENVIRONMENTS
 SPORTS MEDICINE
 WEIGHTLESSNESS

AEROSPACE PLANES

GS AEROSPACE VEHICLES
 . **AEROSPACE PLANES**
 . . . HOTEL LAUNCH VEHICLE
 . . . X-30 VEHICLE
 MANEUVERABLE SPACECRAFT
 . **AEROSPACE PLANES**
 . . . HOTEL LAUNCH VEHICLE
 . . . X-30 VEHICLE
 MANNED SPACECRAFT
 . **AEROSPACE PLANES**
 . . . HOTEL LAUNCH VEHICLE
 . . . X-30 VEHICLE
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . REUSABLE SPACECRAFT
 . . . **AEROSPACE PLANES**
 HOTEL LAUNCH VEHICLE
 X-30 VEHICLE
 SOFT LANDING SPACECRAFT
 . **AEROSPACE PLANES**
 . . . HOTEL LAUNCH VEHICLE
 . . . X-30 VEHICLE
RT ∞ AIRCRAFT
 ASTRO VEHICLE
 BOOSTGLIDE VEHICLES
 BURAN SPACE SHUTTLE
 GLIDERS
 HYPERSONIC AIRCRAFT
 HYPERSONIC GLIDERS
 LAUNCH VEHICLES
 LIFTING REENTRY VEHICLES
 LIQUID AIR CYCLE ENGINES
 MILITARY SPACECRAFT
 NATIONAL AEROSPACE PLANE
 PROGRAM
 RESEARCH AIRCRAFT
 ROCKET PLANES
 TRANSATMOSPHERIC VEHICLES
 X-20 AIRCRAFT

AEROSPACE SAFETY

GS SAFETY
 . **AEROSPACE SAFETY**
RT ACCIDENT PREVENTION
 AIRCRAFT SAFETY
 FLIGHT SAFETY
 RANGE SAFETY
 SAFETY FACTORS
 SAFETY MANAGEMENT

∞ **AEROSPACE SCIENCES**

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
UF SPACE SCIENCES
RT AERODYNAMICS
 ∞ AERONAUTICS
 AEROSPACE ENGINEERING
 AEROSPACE ENVIRONMENTS
 AEROSPACE MEDICINE
 AEROSPACE SYSTEMS
 ASTRONOMY
 COMMITTEE ON SPACE RESEARCH
 ENVIRONMENTAL ENGINEERING
 EXTRATERRESTRIAL RADIATION
 INTERNATIONAL SPACE YEAR
 SPACE LABORATORIES

AEROSPACE SYSTEMS

RT ∞ AEROSPACE SCIENCES
 CONTROL SYSTEMS DESIGN
 MISSILE SYSTEMS
 ∞ SYSTEMS
 SYSTEMS ENGINEERING

AEROSPACE TECHNOLOGY TRANSFER

GS TECHNOLOGY TRANSFER

AEROSPACE TECHNOLOGY TRANSFER--(cont.)

RT **AEROSPACE TECHNOLOGY TRANSFER**
 CANADIAN SPACE PROGRAM
 INFORMATION FLOW
 REPORTS
 TECHNOLOGICAL FORECASTING
 TECHNOLOGY UTILIZATION

AEROSPACE VEHICLES

GS **AEROSPACE VEHICLES**
 . AEROSPACE PLANES
 . . . HOTEL LAUNCH VEHICLE
 . . . X-30 VEHICLE
 . FLEXIBLE SPACECRAFT
RT ∞ AIRCRAFT
 COMMERCIAL SPACECRAFT
 ∞ SPACECRAFT
 TRANSATMOSPHERIC VEHICLES

AEROSTATICS

GS STATICS
RT **AEROSTATICS**
 BUOYANCY
 ∞ DYNAMICS
 EQUILIBRIUM
 FLUID MECHANICS
 HYDROSTATICS

AEROSTATS

USE AIRSHIPS

AEROTHERMOCHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
 . **AEROTHERMOCHEMISTRY**
 THERMOCHEMISTRY
RT **AEROTHERMOCHEMISTRY**
 ABLATION
 AERODYNAMIC HEATING
 AEROTHERMODYNAMICS
 ATMOSPHERIC CHEMISTRY
 CHEMICAL ENGINEERING
 ∞ CHEMISTRY
 NOZZLE FLOW
 PHYSICAL CHEMISTRY
 PYROMETALLURGY
 REENTRY PHYSICS
 REENTRY SHIELDING
 REENTRY VEHICLES

AEROTHERMODYNAMICS

GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . . GAS DYNAMICS
 . . . AERODYNAMICS
 **AEROTHERMODYNAMICS**
 THERMODYNAMICS
RT **AEROTHERMODYNAMICS**
 AERODYNAMIC HEAT TRANSFER
 AERODYNAMIC HEATING
 AEROELASTICITY
 AEROTHERMOCHEMISTRY
 ASSET PROJECT
 BOUNDARY LAYER PLASMAS
 ∞ CHEMISTRY
 COMBUSTION PHYSICS
 ∞ DYNAMICS
 HYPERSONIC HEAT TRANSFER
 HYPERSONIC REENTRY
 HYPERSONICS
 RANKINE-HUGONOT RELATION
 REENTRY
 REENTRY PHYSICS
 ∞ SCIENCE
 SKIN TEMPERATURE (NON-BIOLOGICAL)
 SUPERSONICS
 THERMOELASTICITY

AEROTHERMOELASTICITY

GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . . AEROELASTICITY
 . . . **AEROTHERMOELASTICITY**
 THERMOELASTICITY
 . . . **AEROTHERMOELASTICITY**

AEROZINE

GS FUELS
 . MONOPROPELLANTS
 . . . **AEROZINE**
 PROPELLANTS
 . . . ROCKET PROPELLANTS
 . . . LIQUID ROCKET PROPELLANTS
 . . . MONOPROPELLANTS
 **AEROZINE**
RT DIMETHYLHYDRAZINES

AFC (CONTROL)

AEROZINE--(cont.)
HYDRAZINES

AFC (CONTROL)
USE AUTOMATIC FREQUENCY CONTROL

AFCS (CONTROL SYSTEM)
USE AUTOMATIC FLIGHT CONTROL

AFFECTS
USE EFFECTS

AFFERENT NERVOUS SYSTEMS
GS ANATOMY
. NERVOUS SYSTEM
. **AFFERENT NERVOUS SYSTEMS**
RT SENSORIMOTOR PERFORMANCE
∞ SYSTEMS

AFFINITY
GS **AFFINITY**
. ELECTRON AFFINITY
. NEGATIVE ELECTRON AFFINITY
RT ATTRACTION
COMPATIBILITY

AFGHANISTAN
GS NATIONS
. **AFGHANISTAN**
RT ASIA

AFRICA
GS CONTINENTS
. **AFRICA**
RT AFRICAN RIFT SYSTEM
ALGERIA
ANGOLA
ARCOMSAT
BENIN
BOTSWANA
BURKINA
BURUNDI
CAMEROON
CAPE VERDE
CENTRAL AFRICAN REPUBLIC
CHAD
CONGO (BRAZZAVILLE)
COTE D'IVOIRE
DJIBOUTI
EGYPT
ETHIOPIA
GABON
GAMBIA
GHANA
GUINEA
KALAHARI BASIN (AFRICA)
KENYA
LESOTHO
LIBERIA
LIBYA
LIBYAN DESERT
MADAGASCAR
MALAWI
MALI
MAURITANIA
MAURITIUS
MOROCCO
MOZAMBIQUE
NAMIBIA
NATIONS
NIGER
NIGERIA
RED SEA
REPUBLIC OF SOUTH AFRICA
RWANDA
SAHARA DESERT (AFRICA)
SENEGAL
SEYCHELLES
SIERRA LEONE
SOMALIA
SPANISH SAHARA
SUDAN
SWAZILAND
TANZANIA
TOGO
TUNISIA
UGANDA
ZAIRE
ZAMBIA
ZIMBABWE

AFRICAN RIFT SYSTEM
GS GEOLOGICAL FAULTS
. **AFRICAN RIFT SYSTEM**
RT AFRICA

AFRICAN RIFT SYSTEM--(cont.)
∞ SYSTEMS

AFTERBODIES
UF CYLINDRICAL AFTERBODIES
STERNS
RT AIRCRAFT STRUCTURES
BASE HEATING
BOATTAILS
∞ BODIES
CENTERBODIES
CONICAL BODIES
CYLINDRICAL BODIES
FLARED BODIES
FOREBODIES
SKIRTS
SWING TAIL ASSEMBLIES
TAIL ASSEMBLIES

AFTERBURNERS
USE AFTERBURNING

AFTERBURNING
UF AFTERBURNERS
GS COMBUSTION
. **AFTERBURNING**
RT BURNERS
EXHAUST SYSTEMS
INFRARED SUPPRESSION
INTERNAL COMBUSTION ENGINES
J-57 ENGINE
J-57-P-20 ENGINE
JET ENGINES
THRUST AUGMENTATION

AFTERGLOWS
GS **AFTERGLOWS**
. HELIUM AFTERGLOW
. OXYGEN AFTERGLOW
RT ATMOSPHERIC IONIZATION
GAS DISCHARGES
GAS IONIZATION
LIGHT SCATTERING
LUMINESCENCE
PHOSPHORESCENCE
PLASMA DECAY

AFTERIMAGES
GS IMAGES
. **AFTERIMAGES**
RT CRITICAL FLICKER FUSION
ILLUSIONS
PSYCHOLOGICAL EFFECTS
SENSORY PERCEPTION
VISUAL PERCEPTION

AGB STARS
USE ASYMPTOTIC GIANT BRANCH STARS

AGC (CONTROL)
USE AUTOMATIC GAIN CONTROL

AGE DETERMINATION
USE CHRONOLOGY

AGE FACTOR
RT AGING (BIOLOGY)
GERONTOLOGY
LIFE SPAN

AGE HARDENING
USE PRECIPITATION HARDENING

AGENA A ROCKET VEHICLE
GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. AGENA ROCKET VEHICLES
. **AGENA A ROCKET VEHICLE**
RT DISCOVERER SATELLITES
THOR AGENA LAUNCH VEHICLE

AGENA B RANGER PROGRAM
GS PROGRAMS
. NASA PROGRAMS
. NASA SPACE PROGRAMS
. RANGER PROJECT
. **AGENA B RANGER PROGRAM**
. PROJECTS
. RANGER PROJECT
. **AGENA B RANGER PROGRAM**
. SPACE PROGRAMS
. NASA SPACE PROGRAMS
. RANGER PROJECT
. **AGENA B RANGER PROGRAM**

AGENA B RANGER PROGRAM--(cont.)
RT THOR AGENA LAUNCH VEHICLE

AGENA B ROCKET VEHICLE
GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. AGENA ROCKET VEHICLES
. **AGENA B ROCKET VEHICLE**
RT DISCOVERER SATELLITES
ECHO SATELLITES
EGO
GEMINI PROJECT
MARINER PROGRAM
OAO
POGO
RANGER PROJECT

AGENA C ROCKET VEHICLE
GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. AGENA ROCKET VEHICLES
. **AGENA C ROCKET VEHICLE**

AGENA D ROCKET VEHICLE
GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. AGENA ROCKET VEHICLES
. **AGENA D ROCKET VEHICLE**

AGENA ROCKET VEHICLES
GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. **AGENA ROCKET VEHICLES**
. AGENA A ROCKET VEHICLE
. AGENA B ROCKET VEHICLE
. AGENA C ROCKET VEHICLE
. AGENA D ROCKET VEHICLE
RT ATLAS AGENA B LAUNCH VEHICLE
ATLAS AGENA LAUNCH VEHICLES
DISCOVERER SATELLITES
ECHO SATELLITES
GEMINI PROJECT
MARINER PROGRAM
RANGER PROJECT
THOR AGENA LAUNCH VEHICLE

∞ **AGENTS**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ACCELERATING AGENTS
ADDITIVES
ANTICOAGULANTS
ANTIFOULING
ANTIOXIDANTS
DILUENTS
NEUTRALIZERS
OPACIFIERS
OXIDIZERS
PENETRANTS
PRESERVATIVES
STABILIZERS (AGENTS)
SURFACTANTS

AGGLOMERATION
RT ACCUMULATIONS
CEMENTATION
CLUMPS
COAGULATION
COALESCING
COMPACTING
CONCENTRATING
CRYSTALLIZATION
DENSIFICATION
FLOCCULATING
GALACTIC CLUSTERS
LUMPING
PLUGGING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
SETTLING
SINTERING
VIRGO GALACTIC CLUSTER

AGGLUTINATION
GS BONDING
. **AGGLUTINATION**
RT ADHESION
ADHESIVE BONDING
ADHESIVES
CEMENTATION
CHEMICAL BONDS
COHESION

AGGREGATES

- RT CONCRETE STRUCTURES
CONCRETES
∞ CONSTRUCTION MATERIALS
DOLOMITE (MINERAL)
GRAVELS
LAVA
LIMESTONE
ROCKS
SANDS
SLAGS
- ∞ AGING
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AGING (BIOLOGY)
AGING (MATERIALS)
AGING (METALLURGY)
RADIOACTIVE AGE DETERMINATION

AGING (BIOLOGY)

- RT AGE FACTOR
∞ AGING
∞ BIOLOGY
GERIATRICS
GERONTOLOGY
LIFE SCIENCES
LIFE SPAN
MORTALITY
PHYSIOLOGY

AGING (MATERIALS)

- GS AGING (MATERIALS)
AGING (METALLURGY)
RT ∞ AGING
HARDENING (MATERIALS)
∞ MATERIALS
MECHANICAL PROPERTIES
MICROSTRUCTURE
STRAIN HARDENING

AGING (METALLURGY)

- GS AGING (MATERIALS)
AGING (METALLURGY)
RT ∞ AGING
HARDENING (MATERIALS)
HEAT TREATMENT
MICROSTRUCTURE
SOLID SOLUTIONS
STRAIN HARDENING
SUPERCOOLING
TIME TEMPERATURE PARAMETER

AGITATION

- GS AGITATION
ULTRASONIC AGITATION
RT AERATION
BLOWING
CHEMICAL REACTION CONTROL
COALESCING
COLLOIDING
DISPERSING
DISPOSAL
HOMOGENIZING
MIXERS
MIXING
∞ SEPARATION
SETTLING
SHAKING
SIZING SCREENS
SPLASHING
SUSPENDING (MIXING)
SWIRLING
TURBULENT MIXING
VORTICES
WATER TREATMENT

AGREEMENTS

- RT CONTRACTS
CONVENTIONS
INSURANCE (CONTRACTS)
SUBCONTRACTS

AGRICULTURAL AIRCRAFT

- GS GENERAL AVIATION AIRCRAFT
AGRICULTURAL AIRCRAFT
RT AGRICULTURE
∞ AIRCRAFT
CROP DUSTING
LIGHT AIRCRAFT
SWATH WIDTH

AGRICULTURE

- RT AGRICULTURAL AIRCRAFT

AGRICULTURE--(cont.)

- AGRISTARS PROJECT
AGROCLIMATOLOGY
AGROMETEOROLOGY
AGROPHYSICAL UNITS
ALFALFA
BARLEY
∞ BIOLOGY
BOTANY
CITRUS TREES
CONSERVATION
CORN
CROP DUSTING
CROP GROWTH
CROP IDENTIFICATION
CROP INVENTORIES
CROP VIGOR
∞ CROPS
FARM CROPS
FARMLANDS
FRUITS
GRASSLANDS
GREAT PLAINS CORRIDOR (NORTH
AMERICA)
HALOPHILES
HAY
HYDROCARBON FUEL PRODUCTION
HYDROPONICS
IRRIGATION
LARGE AREA CROP INVENTORY
EXPERIMENT
LEGUMINOUS PLANTS
OATS
ORCHARDS
PLANT DISEASES
PLANT STRESS
PLANTING
PLANTS (BOTANY)
PLOWING
PLOWES
RURAL AREAS
RURAL LAND USE
SILVICULTURE
SOIL SCIENCE
SORGHUM
SUGAR BEETS
SUGAR CANE
SUNFLOWERS
TOMATOES
TRACTORS
VEGETATION GROWTH
VINEYARDS

AGRISTARS PROJECT

- UF CROP INVENTORIES BY REMOTE
SENSING
GS PROGRAMS
PROJECTS
RT AGRISTARS PROJECT
AGRICULTURE
AGROPHYSICAL UNITS
CROP INVENTORIES
FARM CROPS
FRESH WATER
LAND USE
LANDSAT SATELLITES
METEOROLOGICAL SATELLITES
NASA PROGRAMS
REMOTE SENSORS
VEGETATIVE INDEX

AGROCLIMATOLOGY

- GS CLIMATOLOGY
AGROCLIMATOLOGY
RT AGRICULTURE
AGROMETEOROLOGY
HYDROCLIMATOLOGY
METEOROLOGICAL PARAMETERS
METEOROLOGY
MICROCLIMATOLOGY

AGROMETEOROLOGY

- GS METEOROLOGY
AGROMETEOROLOGY
RT AGRICULTURE
AGROCLIMATOLOGY
HYDROMETEOROLOGY
MICROMETEOROLOGY
THERMAL RESOURCES
TROPICAL METEOROLOGY

AGROPHYSICAL UNITS

- RT AGRICULTURE
AGRISTARS PROJECT
FARMLANDS

AGROPHYSICAL UNITS--(cont.)

- LARGE AREA CROP INVENTORY
EXPERIMENT

AGT

- USE AUTOMATED GUIDEWAY TRANSIT
VEHICLES

AH-1G HELICOPTER

- GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
AH-1G HELICOPTER
RT ∞ MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

AH-63 HELICOPTER

- GS ATTACK AIRCRAFT
AH-63 HELICOPTER
BELL AIRCRAFT
AH-63 HELICOPTER
RT ∞ MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

AH-64 HELICOPTER

- GS ATTACK AIRCRAFT
AH-64 HELICOPTER
HUGHES AIRCRAFT
AH-64 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
AH-64 HELICOPTER
RT ∞ MILITARY AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT

∞ AIDS

- SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT LANDING AIDS
NAVIGATION AIDS
VISUAL AIDS

AIDS (DISEASE)

- USE ACQUIRED IMMUNODEFICIENCY
SYNDROME

AILERONS

- GS AIRFOILS
AILERONS
FLAPERONS
SPOILER SLOT AILERONS
CONTROL SURFACES
AILERONS
FLAPERONS
SPOILER SLOT AILERONS
RT ELEVATORS (CONTROL SURFACES)
ELEVONS
LATERAL CONTROL
TABS (CONTROL SURFACES)

AIMP-D

- USE EXPLORER 33 SATELLITE

AIMP-E

- USE EXPLORER 35 SATELLITE

AIMP-1

- USE EXPLORER 33 SATELLITE

AIMP-2

- USE EXPLORER 35 SATELLITE

AIR

- GS GASES
GAS MIXTURES
AIR
ALVEOLAR AIR
COMPRESSED AIR
EXPIRED AIR
HIGH TEMPERATURE AIR
LIQUID AIR
MIXTURES
SOLUTIONS
GAS MIXTURES
AIR
ALVEOLAR AIR
COMPRESSED AIR
EXPIRED AIR
HIGH TEMPERATURE AIR
LIQUID AIR

AIR--(cont.)

RT AIR DATA SYSTEMS
 ∞ ATMOSPHERES
 ATMOSPHERIC COMPOSITION
 EARTH ATMOSPHERE
 ENVIRONMENTS
 MIDDLE ATMOSPHERE

AIR BAG RESTRAINT DEVICES

GS BAGS
 . AIR BAG RESTRAINT DEVICES
 EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 . AIR BAG RESTRAINT DEVICES
 SAFETY DEVICES
 . AIR BAG RESTRAINT DEVICES
 RT ACCIDENT PREVENTION
 ACCIDENTS
 AUTOMOBILES
 COLLISIONS
 CRASHES
 ∞ DEVICES
 HIGHWAYS
 PNEUMATIC EQUIPMENT
 SAFETY

AIR BEARINGS

USE GAS BEARINGS

AIR BLASTS

USE AERIAL EXPLOSIONS

AIR BREATHING BOOSTERS

RT AIR BREATHING ENGINES
 BOOSTER ROCKET ENGINES
 ∞ BOOSTERS

AIR BREATHING ENGINES

GS ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 RAMJET ENGINES
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 CONVERTIBLE FAN-SHAFT
 ENGINES
 J-97 ENGINE
 TF-41 ENGINE
 TURBOPROP ENGINES
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 TURBORAMJET ENGINES
 T-58-GE-8B ENGINE
 RT AIR BREATHING BOOSTERS

AIR CARGO

UF AIR FREIGHT
 GS CARGO
 . AIR CARGO
 . . AIR MAIL
 RT AIRDROPS
 AIRFIELD SURFACE MOVEMENTS
 AIRLINE OPERATIONS
 BAGGAGE

AIR CARGO--(cont.)

CARGO AIRCRAFT
 GROUND HANDLING
 HEAVY LIFT HELICOPTERS

AIR CONDITIONING

RT BLOWERS
 COMFORT
 CONDENSERS (LIQUEFIERS)
 CONTROLLED ATMOSPHERES
 COOLANTS
 COOLERS
 COOLING
 COOLING SYSTEMS
 ∞ DIFFUSERS
 EXHAUST SYSTEMS
 FREON
 HEAT PUMPS
 HEATING
 HEATING EQUIPMENT
 HUMIDITY
 INFILTRATION
 LIFE SUPPORT SYSTEMS
 MODULAR INTEGRATED UTILITY SYSTEM
 REFRIGERANTS
 REFRIGERATING
 REFRIGERATING MACHINERY
 SPACE HEATING (BUILDINGS)
 TEMPERATURE
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 THERMAL INSULATION
 ∞ TREATMENT
 VENTILATION

AIR CONDITIONING EQUIPMENT

RT ABSORBENTS
 ABSORBERS (EQUIPMENT)
 ADSORBENTS
 BLOWERS
 COMPRESSORS
 CONDENSERS (LIQUEFIERS)
 COOLERS
 COOLING SYSTEMS
 ∞ DIFFUSERS
 ∞ EQUIPMENT
 EVAPORATORS
 ∞ FANS
 HEAT PUMPS
 HEATING EQUIPMENT
 OXYGEN SUPPLY EQUIPMENT
 REFRIGERATING MACHINERY

AIR CONDUCTIVITY

RT ATMOSPHERIC CONDUCTIVITY
 ELECTRICAL RESISTIVITY
 THERMAL CONDUCTIVITY

AIR COOLING

SN (COOLING WITH AIR)
 GS COOLING
 . AIR COOLING
 RT COOLANTS
 COOLERS
 COOLING SYSTEMS
 LIQUID COOLING
 REFRIGERATING
 VENTILATION

AIR CURRENTS

GS FLUID FLOW
 . GAS FLOW
 . . AIR FLOW
 . . . AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 VERTICAL AIR CURRENTS
 RT ATMOSPHERIC CIRCULATION
 BAROTROPIC FLOW
 BOUNDARY LAYER FLOW
 BOUNDARY LAYER TRANSITION
 BRUNT-VAISALA FREQUENCY
 CONVECTION CLOUDS
 CONVECTION CURRENTS
 ∞ CURRENTS
 GROUND WIND
 LEE WAVES
 SEA BREEZE
 UPSTREAM
 WIND (METEOROLOGY)
 WINDPOWER UTILIZATION
 ZONAL FLOW (METEOROLOGY)

AIR CUSHION LANDING SYSTEMS

RT AIRCRAFT LANDING

AIR CUSHION LANDING SYSTEMS--(cont.)

CUSHIONS
 GROUND EFFECT (AERODYNAMICS)
 SKID LANDINGS
 ∞ SYSTEMS

AIR CUSHION VEHICLES

USE GROUND EFFECT MACHINES

AIR DATA SYSTEMS

SN (LIMITED TO FLIGHT DATA SYSTEMS)
 GS DATA SYSTEMS
 . AIR DATA SYSTEMS
 RT AIR
 ∞ AIRCRAFT
 ∞ SPACECRAFT
 TABLES (DATA)
 WIND TUNNEL TESTS

AIR DEFENSE

GS AIR DEFENSE
 . ANTIMISSILE DEFENSE
 . SAGE AIR DEFENSE SYSTEM
 RT ANTIRADIATION MISSILES
 BALLISTIC MISSILE EARLY WARNING
 SYSTEM
 CAMOUFLAGE
 CIVIL DEFENSE
 DECEPTION
 ∞ DEFENSE
 DEFENSE PROGRAM
 DMSP SATELLITES
 EARLY WARNING SYSTEMS
 ELECTRONIC WARFARE
 JAMMERS
 OPTICAL COUNTERMEASURES
 SABOTAGE
 SPACE SURVEILLANCE (GROUND
 BASED)
 SPACE SURVEILLANCE (SPACEBORNE)
 WEAPONS DELIVERY

AIR DENSITY EXPLORER A

USE EXPLORER 19 SATELLITE

AIR DENSITY/INJUN EXPLORER B

USE EXPLORER 25 SATELLITE

AIR DROP OPERATIONS

RT BAILOUT
 BALLUTES
 CARGO
 DELIVERY
 FREE FALL
 ∞ OPERATIONS
 PARACHUTES
 PARAVULCOONS
 PARAWINGS

AIR DUCTS

GS DUCTS
 . AIR DUCTS
 RT ANNULAR DUCTS
 BLOWERS
 EXHAUST NOZZLES
 ∞ FANS
 GAS FLOW
 VENTILATORS

AIR FILTERS

GS CLEANERS
 . AIR FILTERS
 SEPARATORS
 . FLUID FILTERS
 . . AIR FILTERS
 RT COOLING SYSTEMS
 DUST COLLECTORS
 ∞ FILTERS
 PRECIPITATORS
 VENTILATION

AIR FLOW

GS FLUID FLOW
 . GAS FLOW
 . . AIR FLOW
 . . . AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 VERTICAL AIR CURRENTS
 RT AERODYNAMIC INTERFERENCE
 ATMOSPHERIC BOUNDARY LAYER
 BAROTROPIC FLOW
 BRUNT-VAISALA FREQUENCY
 COMPRESSIBLE FLOW

AIR FLOW--(cont.)

∞ CURRENTS
 DUCT GEOMETRY
 DUCTED FLOW
 STREAMLINING
 STREAMS
 VENTILATION

AIR FREIGHT

USE AIR CARGO

AIR INLETS

USE AIR INTAKES

AIR INTAKES

UF AIR INLETS
 GS INTAKE SYSTEMS
 . AIR INTAKES
 . . ENGINE INLETS
 . . HYPERSONIC INLETS
 . . INLET AIRFRAME CONFIGURATIONS
 . . SUPERSONIC INLETS
 RT BYPASS RATIO
 CONICAL INLETS
 COWLINGS
 INLET NOZZLES
 INLET TEMPERATURE
 INTERNAL COMPRESSION INLETS
 MANIFOLDS
 NACELLES
 NOSE INLETS
 PLENUM CHAMBERS
 SCOOPS
 SIDE INLETS
 SUPERCHARGERS
 SUPERSONIC DIFFUSERS
 VENTILATION
 VENTILATORS
 ∞ WATER INTAKES

AIR JETS

GS FLUID FLOW
 . JET FLOW
 . . AIR JETS
 FLUID JETS
 . AIR JETS
 RT GAS FLOW
 GAS JETS
 JET STREAMS (METEOROLOGY)
 ∞ JETS
 VAPOR JETS

AIR LAND INTERACTIONS

RT ATMOSPHERIC BOUNDARY LAYER
 ATMOSPHERIC CIRCULATION
 GAS-SOLID INTERACTIONS
 ∞ INTERACTIONS
 LAND SURFACE TEMPERATURE
 METEOROLOGY

AIR LAUNCHING

GS LAUNCHING
 . AIR LAUNCHING
 RT MULTISTAGE ROCKET VEHICLES
 PEGASUS AIR-LAUNCHED BOOSTER
 PIGGYBACK SYSTEMS

AIR LAW

GS LAW (JURISPRUDENCE)
 . INTERNATIONAL LAW
 . . AIR LAW
 RT ∞ AERONAUTICS
 AIRSPACE
 CIVIL AVIATION
 CONVENTIONS
 INSURANCE (CONTRACTS)
 LEGAL LIABILITY
 LIABILITIES
 ∞ MILITARY AVIATION
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 PENALTIES
 POLITICS
 PUBLIC LAW
 REGULATIONS
 SPACE LAW

AIR LOCKS

GS COMPARTMENTS
 . AIR LOCKS
 RT AIRLOCK MODULES
 DOORS
 EGRESS
 ENCLOSURES
 HATCHES

AIR LOCKS--(cont.)

INGRESS (SPACECRAFT PASSAGEWAY)
 ∞ LOCKS
 PRESSURE CHAMBERS
 SEALS (STOPPERS)

AIR MAIL

GS CARGO
 . AIR CARGO
 . . AIR MAIL

AIR MASSES

RT ANTICYCLONES
 ATMOSPHERIC CIRCULATION
 BRUNT-VAISALA FREQUENCY
 COLD FRONTS
 FRONTS (METEOROLOGY)
 METEOROLOGY
 SYNOPTIC METEOROLOGY
 WARM FRONTS
 WEATHER FORECASTING
 WINDPOWER UTILIZATION

AIR NAVIGATION

GS NAVIGATION
 . AIR NAVIGATION
 . . ALL-WEATHER AIR NAVIGATION
 . . AREA NAVIGATION
 . . NAP-OF-THE-EARTH NAVIGATION
 RT ASTRONAVIGATION
 BORESIGHT ERROR
 CELESTIAL NAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 COLLISION AVOIDANCE
 ∞ CONTROL
 DEAD RECKONING
 DIGITAL NAVIGATION
 DOPPLER NAVIGATION
 FLIGHT INSTRUMENTS
 FLIGHT MANAGEMENT SYSTEMS
 FLIGHT PATHS
 FLIGHT PLANS
 FLIGHT RULES
 GUIDANCE (MOTION)
 HYPERBOLIC NAVIGATION
 INERTIAL NAVIGATION
 INSTRUMENT FLIGHT RULES
 LORAN
 LORAN C
 LORAN D
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NAVIGATION AIDS
 OMEGA NAVIGATION SYSTEM
 POLAR NAVIGATION
 RADAR NAVIGATION
 RADIO NAVIGATION
 SHORAN
 SOLAR COMPASSES
 SPACE NAVIGATION
 TACAN
 VHF OMNIRANGE NAVIGATION
 VISUAL FLIGHT

AIR PIRACY

UF HIJACKING
 RT AIRCRAFT SAFETY
 AIRPORT SECURITY
 CRIME
 FLIGHT HAZARDS
 FLIGHT SAFETY
 OPERATIONAL HAZARDS

AIR POLLUTION

UF ATMOSPHERIC IMPURITIES
 GS POLLUTION
 . ENVIRONMENT POLLUTION
 . . AIR POLLUTION
 . . . GLOBAL AIR POLLUTION
 . . . INDOOR AIR POLLUTION
 RT ACID RAIN
 AEROBIOLOGY
 AEROSOLS
 ASHES
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC DENSITY
 ATMOSPHERIC EFFECTS
 CHLOROFLUOROCARBONS
 CHLOROFLUOROMETHANE
 CLEAN ENERGY
 CLIMATE CHANGE
 COMBUSTION PRODUCTS
 CONTAMINATION
 DIFFUSION

AIR POLLUTION--(cont.)

DROPS (LIQUIDS)
 DUST
 EARTH ATMOSPHERE
 EARTH ENVIRONMENT
 EFFLUENTS
 ENVIRONMENT EFFECTS
 ENVIRONMENT PROTECTION
 ENVIRONMENTAL CHEMISTRY
 ENVIRONMENTAL QUALITY
 ENVIRONMENTAL SURVEYS
 ENVIRONMENTS
 EXHAUST GASES
 EXHAUST SYSTEMS
 FALLOUT
 FLUE GASES
 FLY ASH
 FOREST FIRES
 GLOBAL AIR SAMPLING PROGRAM
 HAZE
 HUMAN WASTES
 METABOLIC WASTES
 MIDDLE ATMOSPHERE
 MIXING HEIGHT
 MUTAGENS
 NITROUS ACID
 ODORS
 ORGANIC PEROXIDES
 OXIDIZERS
 OZONE DEPLETION
 PARTICLES
 PARTICULATES
 PHOTOCHEMICAL OXIDANTS
 POLLEN
 POLLUTION MONITORING
 POLLUTION TRANSPORT
 POLYNUCLEAR ORGANIC COMPOUNDS
 SMOG
 SMOKE
 SMOKE ABATEMENT
 SOOT
 TEMPERATURE INVERSIONS
 WASTE DISPOSAL
 WASTES
 WIND (METEOROLOGY)

AIR PURIFICATION

GS PURIFICATION
 . AIR PURIFICATION
 RT CARBON DIOXIDE CONCENTRATION
 CARBON DIOXIDE REMOVAL
 DECONTAMINATION
 ELECTROSTATIC PRECIPITATORS
 HOPCALITE (TRADEMARK)
 REBREATHING
 STERILIZATION
 VENTILATION

AIR QUALITY

GS QUALITY
 . ENVIRONMENTAL QUALITY
 . . AIR QUALITY
 RT EARTH ATMOSPHERE
 ENVIRONMENTS
 INDOOR AIR POLLUTION
 PARTICULATES
 POLLUTION CONTROL
 POLLUTION MONITORING

AIR SAMPLING

GS SAMPLING
 . AIR SAMPLING
 RT ELECTROSTATIC PRECIPITATORS
 ENVIRONMENT POLLUTION
 GAS ANALYSIS
 GLOBAL AIR SAMPLING PROGRAM
 INDOOR AIR POLLUTION
 PARTICULATES
 SMOG

AIR SEA ICE INTERACTIONS

GS GAS-LIQUID INTERACTIONS
 . AIR WATER INTERACTIONS
 . . AIR SEA ICE INTERACTIONS
 RT ∞ INTERACTIONS
 SEA ICE

AIR SEA INTERACTIONS

USE AIR WATER INTERACTIONS

AIR SICKNESS

USE MOTION SICKNESS

AIR SLEW MISSILES

GS MISSILES

AIR SLEW MISSILES--(cont.)

- . AIR SLEW MISSILES
- RT MANEUVERABILITY
- ROCKETS
- SOLID PROPELLANT ROCKET ENGINES
- THRUST VECTOR CONTROL

AIR START

- UF ENGINE RELIGHT (IN-FLIGHT)
- IN-FLIGHT STARTING
- GS STARTING
- . AIR START
- RT AIRCRAFT CONTROL
- AIRCRAFT ENGINES
- ENGINE CONTROL
- FLIGHT TESTS

AIR TO AIR MISSILES

- UF AIR TO AIR ROCKETS
- GS MISSILES
- . AIR TO AIR MISSILES
- . . FALCON MISSILE
- . . MATRA MISSILE
- . . SIDEWINDER MISSILES
- . . SPARROW MISSILES
- . . . SPARROW 2 MISSILE
- . . . SPARROW 3 MISSILE
- RT ANTI-AIRCRAFT MISSILES
- RAMJET MISSILES
- SIAM MISSILES
- SPACE WEAPONS
- SURFACE TO AIR MISSILES

AIR TO AIR REFUELING

- GS REFUELING
- . AIR TO AIR REFUELING
- RT TANKER AIRCRAFT

AIR TO AIR ROCKETS

- USE AIR TO AIR MISSILES

AIR TO SURFACE MISSILES

- GS MISSILES
- . AIR TO SURFACE MISSILES
- . . BULLPUP MISSILES
- . . CONDOR MISSILE
- . . HARPOON MISSILE
- . . HOUND DOG MISSILE
- . . MAVERICK MISSILES
- . . QUAIL MISSILE
- . . SHRIKE MISSILE
- RT MISS DISTANCE
- ORDNANCE
- SURFACE TO AIR MISSILES
- SURFACE TO SURFACE MISSILES
- ∞ SURFACES
- WEAPON SYSTEMS

AIR TRAFFIC

- GS TRAFFIC
- . AIR TRAFFIC
- RT AIRCRAFT HAZARDS
- AIRLINE OPERATIONS
- AIRSPACE
- COLLISION AVOIDANCE
- FLIGHT HAZARDS
- FLIGHT PATHS
- FLIGHT PLANS
- NATIONAL AIRSPACE UTILIZATION
- SYSTEM
- NATIONAL AVIATION SYSTEM

AIR TRAFFIC CONTROL

- GS GROUND BASED CONTROL
- . AIR TRAFFIC CONTROL
- . . AUTOMATED EN ROUTE ATC
- . . RADAR APPROACH CONTROL
- TRAFFIC CONTROL
- . AIR TRAFFIC CONTROL
- . . AUTOMATED EN ROUTE ATC
- . . RADAR APPROACH CONTROL
- RT AERONAUTICAL SATELLITES
- AIRBORNE RADAR APPROACH
- AIRCRAFT APPROACH SPACING
- AIRCRAFT COMMUNICATION
- AIRCRAFT GUIDANCE
- AIRCRAFT SAFETY
- AIRPORT SURFACE DETECTION
- EQUIPMENT
- AIRPORT TOWERS
- AIRPORTS
- AIRSPACE
- APPROACH
- APPROACH CONTROL
- APPROACH INDICATORS

AIR TRAFFIC CONTROL--(cont.)

- ATTITUDE CONTROL
- AUTOMATED PILOT ADVISORY SYSTEM
- AUTOMATED RADAR TERMINAL SYSTEM
- BEACON COLLISION AVOIDANCE
- SYSTEM
- COLLISION AVOIDANCE
- COLLISIONS
- ∞ CONTROL
- DISCRETE ADDRESS BEACON SYSTEM
- FLIGHT ALTITUDE
- FLIGHT CONTROL
- FLIGHT MANAGEMENT SYSTEMS
- FLIGHT PATHS
- FLIGHT PLANS
- FLIGHT RULES
- FLIGHT SAFETY
- FLIGHT TIME
- GROUND SUPPORT EQUIPMENT
- GROUND-AIR-GROUND COMMUNICATION
- HELIPORTS
- INSTRUMENT FLIGHT RULES
- INSTRUMENT LANDING SYSTEMS
- LANDING
- LANDING AIDS
- LANDING INSTRUMENTS
- LANDING RADAR
- LOCATES SYSTEM
- MICROWAVE LANDING SYSTEMS
- MID-AIR COLLISIONS
- MILITARY AIR FACILITIES
- NATIONAL AIRSPACE SYSTEM
- NATIONAL AIRSPACE UTILIZATION
- SYSTEM
- NATIONAL AVIATION SYSTEM
- NAVIGATION AIDS
- ∞ OPERATIONS
- RADAR NAVIGATION
- RADIO NAVIGATION
- ROUTES
- SOLAR COMPASSES
- SURVEILLANCE RADAR
- TAKEOFF
- TAXIING
- TOWERS
- TRACKING (POSITION)
- TRANSPONDERS
- VORTEX ADVISORY SYSTEM
- VORTEX AVOIDANCE

AIR TRAFFIC CONTROLLERS (PERSONNEL)

- GS PERSONNEL
- . AIR TRAFFIC CONTROLLERS
- (PERSONNEL)
- RT AIRPORT TOWERS
- GROUND BASED CONTROL
- LANDING AIDS
- TRAFFIC CONTROL

AIR TRANSPORTATION

- GS TRANSPORTATION
- . AIR TRANSPORTATION
- RT AIRLINE OPERATIONS
- COMMERCIAL AIRCRAFT
- COMMUTER AIRCRAFT
- COMPOUND HELICOPTERS
- GENERAL AVIATION AIRCRAFT
- MARINE TRANSPORTATION
- NATIONAL AVIATION SYSTEM
- PASSENGER AIRCRAFT
- RAPID TRANSIT SYSTEMS
- SHORT HAUL AIRCRAFT
- TRANSPORT AIRCRAFT

AIR WATER INTERACTIONS

- UF AIR SEA INTERACTIONS
- GS GAS-LIQUID INTERACTIONS
- . AIR WATER INTERACTIONS
- . . AIR SEA ICE INTERACTIONS
- RT ATMOSPHERIC & OCEANOGRAPHIC
- INFORM SYS
- EL NINO
- GYRES
- HYDROLOGICAL CYCLE
- ∞ INTERACTIONS
- LIQUID-GAS MIXTURES
- LIQUID-VAPOR INTERFACES
- OCEAN DYNAMICS
- OCEAN MODELS
- SEA SURFACE TEMPERATURE
- WATER TUNNEL TESTS

AIRBORNE EQUIPMENT

- GS ONBOARD EQUIPMENT
- . AIRBORNE EQUIPMENT

AIRBORNE EQUIPMENT--(cont.)

- . . AIRBORNE/SPACEBORNE
- COMPUTERS
- . . LIGHT AIRBORNE MULTIPURPOSE
- SYSTEM
- . . TERCOM
- RT ADVANCED RANGE INSTRUMENTATION
- AIRCRAFT
- AIRBORNE RADAR
- AIRCRAFT COMMUNICATION
- AIRCRAFT EQUIPMENT
- ASTROPLANE
- AUTOMATIC LANDING CONTROL
- AVIONICS
- BALLOON-BORNE INSTRUMENTS
- ∞ ELECTRIC EQUIPMENT
- ∞ EQUIPMENT
- FLIGHT INSTRUMENTS
- HYDRAULIC EQUIPMENT
- KUIPER AIRBORNE OBSERVATORY
- MAP MATCHING GUIDANCE
- MATTS (SYSTEMS)
- RADAR EQUIPMENT
- RADIO EQUIPMENT
- VACUUM ARC SWITCHES

AIRBORNE INFECTION

- GS DISEASES
- . INFECTIOUS DISEASES
- . . AIRBORNE INFECTION
- RT AEROBIOLOGY
- PARASITIC DISEASES

AIRBORNE INTEGRATED RECONNAISSANCE SYSTEM

- UF AIRS (RECONNAISSANCE SYS)
- GS RECONNAISSANCE
- . AERIAL RECONNAISSANCE
- . . AIRBORNE INTEGRATED
- RECONNAISSANCE SYSTEM
- RT GROUND TRUTH
- PHOTORECONNAISSANCE
- ∞ SYSTEMS
- TARGETS

AIRBORNE LASERS

- GS ONBOARD EQUIPMENT
- . AIRBORNE LASERS
- STIMULATED EMISSION DEVICES
- . LASERS
- . . AIRBORNE LASERS
- RT LASER APPLICATIONS
- LASER RANGER/TRACKER
- REMOTE SENSORS
- SPACEBORNE LASERS

AIRBORNE RADAR

- GS RADAR
- . AIRBORNE RADAR
- . . AIRBORNE SURVEILLANCE RADAR
- RT AIRBORNE EQUIPMENT
- CLUTTER
- DIGITAL RADAR SYSTEMS
- DOPPLER RADAR
- RADAR ECHOES
- RADAR EQUIPMENT
- RADAR IMAGERY
- RADAR MAPS
- RADAR RECEIVERS
- RADAR TARGETS
- REMOTE SENSING
- REMOTE SENSORS
- SIDE-LOOKING RADAR
- SPACE BASED RADAR
- SYNTHETIC APERTURE RADAR

AIRBORNE RADAR APPROACH

- GS APPROACH
- . AIRBORNE RADAR APPROACH
- RT AIR TRAFFIC CONTROL
- AIRCRAFT APPROACH SPACING
- HELICOPTER CONTROL
- HELICOPTERS
- LANDING AIDS
- RADAR APPROACH CONTROL

AIRBORNE RANGE AND ORBIT DETERMINATION

- UF AROD (RANGE-ORBIT DETERMINATION)
- GS RANGEFINDING
- . AIRBORNE RANGE AND ORBIT
- DETERMINATION
- RT ∞ MEASUREMENT
- ORBITS

AIRBORNE SURVEILLANCE RADAR

- GS RADAR
 - . AIRBORNE RADAR
 - . . AIRBORNE SURVEILLANCE RADAR
 - . SURVEILLANCE RADAR
 - . . AIRBORNE SURVEILLANCE RADAR
- RT AIRCRAFT INSTRUMENTS
 - DISPLAY DEVICES
 - ONBOARD EQUIPMENT

AIRBORNE WARNING AND CONTROL SYSTEM

- USE AWACS AIRCRAFT

AIRBORNE/SPACEBORNE COMPUTERS

- UF FLIGHT COMPUTERS
 - ONBOARD COMPUTERS
 - SPACECRAFT COMPUTERS
- GS DATA PROCESSING EQUIPMENT
 - . COMPUTERS
 - . . EMBEDDED COMPUTER SYSTEMS
 - . . . AIRBORNE/SPACEBORNE COMPUTERS
 - ONBOARD EQUIPMENT
 - . AIRBORNE EQUIPMENT
 - . . AIRBORNE/SPACEBORNE COMPUTERS
- RT DATA PROCESSING
 - FLIGHT MANAGEMENT SYSTEMS
 - HIGHLY MANEUVERABLE AIRCRAFT
 - MINICOMPUTERS
 - ONBOARD DATA PROCESSING
 - SPACECRAFT COMPONENTS
 - SPACECRAFT ELECTRONIC EQUIPMENT
 - SYSTEMS INTEGRATION

AIRBUS

- USE EUROPEAN AIRBUS

∞ AIRCRAFT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF AERODYNAMIC VEHICLES
- RT A-1 AIRCRAFT
 - A-2 AIRCRAFT
 - A-3 AIRCRAFT
 - A-4 AIRCRAFT
 - A-5 AIRCRAFT
 - A-6 AIRCRAFT
 - A-7 AIRCRAFT
 - A-9 AIRCRAFT
 - A-10 AIRCRAFT
 - A-37 AIRCRAFT
 - A-300 AIRCRAFT
 - ADVANCED RANGE INSTRUMENTATION AIRCRAFT
 - AERODYNAMICS
 - AERONAUTICAL ENGINEERING
- ∞ AERONAUTICS
 - AEROSPACE ENGINEERING
 - AEROSPACE INDUSTRY
 - AEROSPACE PLANES
 - AEROSPACE VEHICLES
 - AGRICULTURAL AIRCRAFT
 - AIR DATA SYSTEMS
 - AIRCRAFT ACCIDENT INVESTIGATION
 - AIRCRAFT ACCIDENTS
 - AIRCRAFT ANTENNAS
 - AIRCRAFT APPROACH SPACING
 - AIRCRAFT BRAKES
 - AIRCRAFT CARRIERS
 - AIRCRAFT COMMUNICATION
 - AIRCRAFT COMPARTMENTS
 - AIRCRAFT CONFIGURATIONS
 - AIRCRAFT CONSTRUCTION MATERIALS
 - AIRCRAFT CONTROL
 - AIRCRAFT DESIGN
 - AIRCRAFT DETECTION
 - AIRCRAFT ENGINES
 - AIRCRAFT EQUIPMENT
 - AIRCRAFT FUEL SYSTEMS
 - AIRCRAFT FUELS
 - AIRCRAFT GUIDANCE
 - AIRCRAFT HAZARDS
 - AIRCRAFT HYDRAULIC SYSTEMS
 - AIRCRAFT INDUSTRY
 - AIRCRAFT INSTRUMENTS
 - AIRCRAFT LANDING
 - AIRCRAFT LIGHTS
 - AIRCRAFT MAINTENANCE
 - AIRCRAFT MANEUVERS
 - AIRCRAFT NOISE
 - AIRCRAFT PARTS
 - AIRCRAFT PERFORMANCE
 - AIRCRAFT PILOTS

AIRCRAFT--(cont.)

- AIRCRAFT PRODUCTION
- AIRCRAFT PRODUCTION COSTS
- AIRCRAFT RELIABILITY
- AIRCRAFT RUNUP
- AIRCRAFT SAFETY
- AIRCRAFT SPECIFICATIONS
- AIRCRAFT SPIN
- AIRCRAFT STABILITY
- AIRCRAFT STRUCTURES
- AIRCRAFT SURVIVABILITY
- AIRCRAFT TIRES
- AIRCRAFT WAKES
- AIRSHIPS
- ALADIN 2 AIRCRAFT
- ALOUETTE HELICOPTERS
- ALPHA JET AIRCRAFT
- AMPHIBIOUS AIRCRAFT
- AN-2 AIRCRAFT
- AN-22 AIRCRAFT
- AN-24 AIRCRAFT
- ANTISUBMARINE WARFARE AIRCRAFT
- ANTONOV AIRCRAFT
- ARGOSY MK-1 AIRCRAFT
- ASSET GLIDERS
- ATLIT PROJECT
- ATTACK AIRCRAFT
- AVRO 707 AIRCRAFT
- AWACS AIRCRAFT
- B-1 AIRCRAFT
- B-2 AIRCRAFT
- B-26 AIRCRAFT
- B-47 AIRCRAFT
- B-50 AIRCRAFT
- B-52 AIRCRAFT
- B-57 AIRCRAFT
- B-58 AIRCRAFT
- B-66 AIRCRAFT
- B-70 AIRCRAFT
- BAC AIRCRAFT
- BAC 111 AIRCRAFT
- BALLOONS
- BEAGLE AIRCRAFT
- BEECH 99 AIRCRAFT
- BEECHCRAFT AIRCRAFT
- BEECHCRAFT 18 AIRCRAFT
- BELL AIRCRAFT
- BELL 214A HELICOPTER
- BIPLANES
- BIRD-AIRCRAFT COLLISIONS
- BOEING AIRCRAFT
- BOEING 707 AIRCRAFT
- BOEING 720 AIRCRAFT
- BOEING 727 AIRCRAFT
- BOEING 733 AIRCRAFT
- BOEING 737 AIRCRAFT
- BOEING 747 AIRCRAFT
- BOEING 757 AIRCRAFT
- BOEING 767 AIRCRAFT
- BOEING 707 AIRCRAFT
- BOLKOW AIRCRAFT
- BOMBER AIRCRAFT
- BOOSTGLIDE VEHICLES
- BREGUET AIRCRAFT
- BREGUET 940 AIRCRAFT
- BREGUET 941 AIRCRAFT
- BREGUET 1150 AIRCRAFT
- BUCCANEER AIRCRAFT
- C-1A AIRCRAFT
- C-2 AIRCRAFT
- C-5 AIRCRAFT
- C-8A AUGMENTOR WING AIRCRAFT
- C-9 AIRCRAFT
- C-15 AIRCRAFT
- C-33 AIRCRAFT
- C-35 AIRCRAFT
- C-46 AIRCRAFT
- C-47 AIRCRAFT
- C-54 AIRCRAFT
- C-118 AIRCRAFT
- C-119 AIRCRAFT
- C-121 AIRCRAFT
- C-123 AIRCRAFT
- C-124 AIRCRAFT
- C-130 AIRCRAFT
- C-131 AIRCRAFT
- C-133 AIRCRAFT
- C-135 AIRCRAFT
- C-140 AIRCRAFT
- C-141 AIRCRAFT
- C-160 AIRCRAFT
- CANADAIR AIRCRAFT
- CANBERRA AIRCRAFT
- CARGO AIRCRAFT
- CEILING (AIRCRAFT CAPABILITY)
- CESSNA AIRCRAFT

AIRCRAFT--(cont.)

- CESSNA L-19 AIRCRAFT
- CESSNA 172 AIRCRAFT
- CESSNA 205 AIRCRAFT
- CESSNA 402B AIRCRAFT
- CHANCE-VOUGHT AIRCRAFT
- CHINESE AIRCRAFT
- CL-41 AIRCRAFT
- CL-44 AIRCRAFT
- CL-84 AIRCRAFT
- CL-600 CHALLENGER AIRCRAFT
- CL-823 AIRCRAFT
- COIN AIRCRAFT
- COMET 4 AIRCRAFT
- COMMERCIAL AIRCRAFT
- COMMUTER AIRCRAFT
- COMPOUND HELICOPTERS
- CONCORDE AIRCRAFT
- CURTISS-WRIGHT AIRCRAFT
- CV-340 AIRCRAFT
- CV-440 AIRCRAFT
- CV-880 AIRCRAFT
- CV-990 AIRCRAFT
- D-558 AIRCRAFT
- DASSAULT AIRCRAFT
- DC 3 AIRCRAFT
- DC 7 AIRCRAFT
- DC 8 AIRCRAFT
- DC 9 AIRCRAFT
- DC 10 AIRCRAFT
- DE HAVILLAND AIRCRAFT
- DH 112 AIRCRAFT
- DH 115 AIRCRAFT
- DH 121 AIRCRAFT
- DH 125 AIRCRAFT
- DHC 2 AIRCRAFT
- DHC 4 AIRCRAFT
- DHC 5 AIRCRAFT
- DO-27 AIRCRAFT
- DO-28 AIRCRAFT
- DO-31 AIRCRAFT
- DORNIER AIRCRAFT
- DOUGLAS AIRCRAFT
- DRONE AIRCRAFT
- E-2 AIRCRAFT
- E-3A AIRCRAFT
- E-4A AIRCRAFT
- EARTH RESOURCES SURVEY AIRCRAFT
- EC-121 AIRCRAFT
- ELECTRA AIRCRAFT
- ELECTRONIC AIRCRAFT
- EUROPEAN AIRBUS
- F-2 AIRCRAFT
- F-4 AIRCRAFT
- F-5 AIRCRAFT
- F-8 AIRCRAFT
- F-9 AIRCRAFT
- F-14 AIRCRAFT
- F-15 AIRCRAFT
- F-16 AIRCRAFT
- F-17 AIRCRAFT
- F-18 AIRCRAFT
- F-22 AIRCRAFT
- F-27 AIRCRAFT
- F-28 TRANSPORT AIRCRAFT
- F-84 AIRCRAFT
- F-86 AIRCRAFT
- F-89 AIRCRAFT
- F-94 AIRCRAFT
- F-100 AIRCRAFT
- F-101 AIRCRAFT
- F-102 AIRCRAFT
- F-104 AIRCRAFT
- F-105 AIRCRAFT
- F-106 AIRCRAFT
- F-111 AIRCRAFT
- F-117A AIRCRAFT
- FAIRCHILD-HILLER AIRCRAFT
- FAIREY AIRCRAFT
- FAN IN WING AIRCRAFT
- FD 2 AIRCRAFT
- FIAT AIRCRAFT
- FIGHTER AIRCRAFT
- FIREBEE 2 TARGET DRONE AIRCRAFT
- FLIGHT TEST VEHICLES
- FLYING PLATFORMS
- FOKKER AIRCRAFT
- FOLDING FIN AIRCRAFT ROCKET VEHICLE
- FREE WING AIRCRAFT
- FV-12A AIRCRAFT
- G-1 AIRCRAFT
- G-91 AIRCRAFT
- G-95/4 AIRCRAFT
- G-222 AIRCRAFT
- GA-5 AIRCRAFT

AIRCRAFT--(cont.)

GENERAL AVIATION AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT
 GETOL AIRCRAFT
 GLIDERS
 GROUND EFFECT MACHINES
 GRUMMAN AIRCRAFT
 GYRODYNE AIRCRAFT
 H-17 HELICOPTER
 H-19 HELICOPTER
 H-43 HELICOPTER
 H-53 HELICOPTER
 H-54 HELICOPTER
 H-56 HELICOPTER
 H-60 HELICOPTER
 H-126 AIRCRAFT
 HAMBURGER AIRCRAFT
 HANDLEY PAGE AIRCRAFT
 HANG GLIDERS
 HARRIER AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 HEAVY LIFT HELICOPTERS
 HEINKEL AIRCRAFT
 HELICOPTERS
 HELIO AIRCRAFT
 HFB-320 AIRCRAFT
 HIGHLY MANEUVERABLE AIRCRAFT
 HILLER AIRCRAFT
 HOVERCRAFT GROUND EFFECT MACHINES
 HP-115 AIRCRAFT
 HS-748 AIRCRAFT
 HS-801 AIRCRAFT
 HUGHES AIRCRAFT
 HYPERSONIC AIRCRAFT
 HYPERSONIC GLIDERS
 IL-14 AIRCRAFT
 IL-62 AIRCRAFT
 ILYUSHIN AIRCRAFT
 INFLATABLE GLIDERS
 JAGUAR AIRCRAFT
 JET AIRCRAFT
 JET AIRCRAFT NOISE
 JET PROVOST AIRCRAFT
 JETSTREAM AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 KA-6 SAILPLANES
 KAMAN AIRCRAFT
 KAWASAKI AIRCRAFT
 L-1011 AIRCRAFT
 L-2000 AIRCRAFT
 LEAR JET AIRCRAFT
 LIFTING REENTRY VEHICLES
 LIGHT AIRCRAFT
 LIGHT HELICOPTERS
 LIGHT INTRATHEATER TRANSPORT
 LIGHT TRANSPORT AIRCRAFT
 LING-TEMCO-VOUGHT AIRCRAFT
 LOCKHEED AIRCRAFT
 LOCKHEED MODEL 18 AIRCRAFT
 ∞ LOW WING AIRCRAFT
 MAN POWERED AIRCRAFT
 MARTIN AIRCRAFT
 MCDONNELL AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 MERCURE AIRCRAFT
 METEOROLOGICAL RESEARCH AIRCRAFT
 MH-262 AIRCRAFT
 MIG AIRCRAFT
 MIL AIRCRAFT
 MILITARY AIR FACILITIES
 ∞ MILITARY AIRCRAFT
 MILITARY HELICOPTERS
 MONOPLANES
 MRCA AIRCRAFT
 MULTIENGINE VEHICLES
 NAVION AIRCRAFT
 NIGHT FLIGHTS (AIRCRAFT)
 NIHON AIRCRAFT
 NOISE PREDICTION (AIRCRAFT)
 NORD AIRCRAFT
 NORD 1500 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 NORTHROP AIRCRAFT
 NUCLEAR PROPELLED AIRCRAFT
 OBSERVATION AIRCRAFT
 ONBOARD EQUIPMENT
 OV-1 AIRCRAFT
 OV-10 AIRCRAFT
 P-3 AIRCRAFT
 P-51 AIRCRAFT
 P-160 AIRCRAFT
 P-166 AIRCRAFT
 P-308 AIRCRAFT
 P-1127 AIRCRAFT

AIRCRAFT--(cont.)

P-1154 AIRCRAFT
 PA-34 SENECA AIRCRAFT
 PANAVIA MILITARY AIRCRAFT
 PASSENGER AIRCRAFT
 PD-808 AIRCRAFT
 PHANTOM AIRCRAFT
 PIAGGIO AIRCRAFT
 PIASECKI AIRCRAFT
 PILOTLESS AIRCRAFT
 PIPER AIRCRAFT
 POTEZ AIRCRAFT
 POWERED LIFT AIRCRAFT
 PROPULSION
 QUESTOL AIRCRAFT
 RB-50 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 REMOTELY PILOTED VEHICLES
 REPUBLIC AIRCRAFT
 RESEARCH AIRCRAFT
 RF-4 AIRCRAFT
 RIGID ROTOR HELICOPTERS
 ROCKET PLANES
 ROTARY WING AIRCRAFT
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 ROTORCRAFT AIRCRAFT
 RYAN AIRCRAFT
 S-2 AIRCRAFT
 S-3 AIRCRAFT
 S-61 HELICOPTER
 S-67 HELICOPTER
 SA-321 HELICOPTER
 SA-330 HELICOPTER
 SAAB AIRCRAFT
 SAAB 37 AIRCRAFT
 SAAB 105 AIRCRAFT
 SC-1 AIRCRAFT
 SC-5 AIRCRAFT
 SC-7 AIRCRAFT
 SCHLEICHER AIRCRAFT
 SCIMITAR AIRCRAFT
 SE-210 AIRCRAFT
 SHORT HAUL AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 SIEBEL AIRCRAFT
 SIKORSKY AIRCRAFT
 SIKORSKY WHIRLWIND HELICOPTER
 SINGLE ENGINE AIRCRAFT
 SNOW AIRCRAFT
 SOLAR POWERED AIRCRAFT
 SPANLOADER AIRCRAFT
 SR-71 AIRCRAFT
 SUBMERSIBLE AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 SUD AVIATION AIRCRAFT
 SUPERSONIC AIRCRAFT
 SUPERSONIC CRUISE AIRCRAFT
 RESEARCH
 T-2 AIRCRAFT
 T-28 AIRCRAFT
 T-33 AIRCRAFT
 T-37 AIRCRAFT
 T-38 AIRCRAFT
 T-39 AIRCRAFT
 TACT PROGRAM
 TAILLESS AIRCRAFT
 TANDEM ROTOR HELICOPTERS
 TANDEM WING AIRCRAFT
 TANKER AIRCRAFT
 TARGET DRONE AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TEST VEHICLES
 TILT ROTOR AIRCRAFT
 TILT ROTOR RESEARCH AIRCRAFT PROGRAM
 TILT WING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSATMOSPHERIC VEHICLES
 TRANSPORT AIRCRAFT
 TS-11 AIRCRAFT
 TSR-2 AIRCRAFT
 TU-104 AIRCRAFT
 TU-124 AIRCRAFT
 TU-134 AIRCRAFT
 TU-144 AIRCRAFT
 TU-154 AIRCRAFT
 TUPOLEV AIRCRAFT
 TURBOFAN AIRCRAFT
 TURBOPROP AIRCRAFT
 U-2 AIRCRAFT
 U-10 AIRCRAFT
 ULTRALIGHT AIRCRAFT
 UNIDENTIFIED FLYING OBJECTS
 UTILITY AIRCRAFT
 V-22 AIRCRAFT
 V/STOL AIRCRAFT

AIRCRAFT--(cont.)

VALIANT AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT
 VATOL AIRCRAFT
 VC-10 AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 VICTOR MK-1 AIRCRAFT
 VISCOUNT AIRCRAFT
 VJ-101 AIRCRAFT
 VULCAN AIRCRAFT
 VZ-2 AIRCRAFT
 VZ-8 AIRCRAFT
 WATER TAKEOFF AND LANDING AIRCRAFT
 WEAPONS DELIVERY
 WEATHER RECONNAISSANCE AIRCRAFT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT
 WESTLAND GROUND EFFECT MACHINES
 WESTLAND WHIRLWIND HELICOPTER
 WING NACELLE CONFIGURATIONS
 ∞ WINGED VEHICLES
 X-1 AIRCRAFT
 X-2 AIRCRAFT
 X-3 AIRCRAFT
 X-5 AIRCRAFT
 X-13 AIRCRAFT
 X-14 AIRCRAFT
 X-15 AIRCRAFT
 X-19 AIRCRAFT
 X-20 AIRCRAFT
 X-21 AIRCRAFT
 X-21A AIRCRAFT
 X-22 AIRCRAFT
 X-22A AIRCRAFT
 X-24 AIRCRAFT
 X-29 AIRCRAFT
 XC-142 AIRCRAFT
 XV-3 AIRCRAFT
 XV-4 AIRCRAFT
 XV-5 AIRCRAFT
 XV-8A AIRCRAFT
 XV-9A AIRCRAFT
 XV-11A AIRCRAFT
 XV-15 AIRCRAFT
 YAK 40 AIRCRAFT
 YC-14 AIRCRAFT
 YF-12 AIRCRAFT
 YF-16 AIRCRAFT

AIRCRAFT ACCIDENT INVESTIGATION

GS INVESTIGATION
 . ACCIDENT INVESTIGATION
 . . AIRCRAFT ACCIDENT INVESTIGATION
 RT ∞ AIRCRAFT
 AVIATION METEOROLOGY
 INSURANCE (CONTRACTS)

AIRCRAFT ACCIDENTS

GS AIRCRAFT ACCIDENTS
 . BIRD-AIRCRAFT COLLISIONS
 RT ACCIDENTS
 ∞ AIRCRAFT
 AIRCRAFT SAFETY
 AVIATION METEOROLOGY
 COLLISIONS
 CRASH LANDING
 CRASHES
 CRASHWORTHINESS
 DITCHING (LANDING)
 FLIGHT HAZARDS
 FLIGHT SAFETY
 HUMAN FACTORS ENGINEERING
 INSURANCE (CONTRACTS)
 MALFUNCTIONS
 MIDAIR COLLISIONS
 PILOT ERROR
 WEATHER

AIRCRAFT ANTENNAS

GS ANTENNAS
 . AIRCRAFT ANTENNAS
 RT ∞ AIRCRAFT
 LOOP ANTENNAS
 MICROWAVE ANTENNAS
 MISSILE ANTENNAS
 PROTUBERANCES
 RADAR ANTENNAS
 RADIO ANTENNAS

AIRCRAFT APPROACH SPACING

GS SPACING
 . AIRCRAFT APPROACH SPACING
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL

AIRCRAFT APPROACH SPACING--(cont.)

AIRBORNE RADAR APPROACH
 ∞ AIRCRAFT
 AIRCRAFT SAFETY
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 COLLISION AVOIDANCE
 FLIGHT SAFETY
 GLIDE PATHS
 GROUND BASED CONTROL
 INSTRUMENT APPROACH
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 VORTEX ADVISORY SYSTEM
 VORTEX AVOIDANCE

AIRCRAFT BASES

USE MILITARY AIR FACILITIES

AIRCRAFT BRAKES

GS BRAKES (FOR ARRESTING MOTION)
 . AIRCRAFT BRAKES
 . . SPLIT FLAPS
 . . WING FLAPS
 . . . LEADING EDGE SLATS
 . . . TRAILING EDGE FLAPS
 RT AERODYNAMIC BRAKES
 ∞ AIRCRAFT
 ANTISKID DEVICES
 BALLUTES
 DRAG CHUTES
 DRAG DEVICES
 THRUST REVERSAL
 TOWED BODIES
 WHEEL BRAKES

AIRCRAFT CABINS

USE AIRCRAFT COMPARTMENTS

AIRCRAFT CARRIERS

GS SURFACE VEHICLES
 . AIRCRAFT CARRIERS
 WATER VEHICLES
 . SHIPS
 . . AIRCRAFT CARRIERS
 RT ∞ AIRCRAFT
 ARRESTING GEAR
 ∞ CARRIERS
 MILITARY AIR FACILITIES
 ∞ MILITARY AIRCRAFT
 ∞ MILITARY VEHICLES
 NAVY
 NUCLEAR POWERED SHIPS

AIRCRAFT COMMUNICATION

GS COMMUNICATING
 . AIRCRAFT COMMUNICATION
 TELECOMMUNICATION
 . AIRCRAFT COMMUNICATION
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL
 AIRBORNE EQUIPMENT
 ∞ AIRCRAFT
 APPROACH CONTROL
 AVIONICS
 GROUND-AIR-GROUND COMMUNICATION
 RADAR BEACONS
 RADIO COMMUNICATION
 WIRELESS COMMUNICATION

AIRCRAFT COMPARTMENTS

UF AIRCRAFT CABINS
 AIRCRAFT INTERIORS
 GS COMPARTMENTS
 . AIRCRAFT COMPARTMENTS
 RT ∞ AIRCRAFT
 BAYS (STRUCTURAL UNITS)
 CABIN ATMOSPHERES
 ∞ CABINS
 COCKPITS
 GONDOLAS
 PRESSURIZED CABINS
 WINDSHIELDS

AIRCRAFT CONFIGURATIONS

UF FIXED-WING AIRCRAFT
 GS AIRCRAFT CONFIGURATIONS
 . DROOPED AIRFOILS
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC INTERFERENCE
 ∞ AIRCRAFT
 COMPOUND HELICOPTERS
 ∞ CONFIGURATIONS

AIRCRAFT CONFIGURATIONS--(cont.)

CONTROL CONFIGURED VEHICLES
 FLARED BODIES
 ∞ FLIGHT VEHICLES
 JOINED WINGS
 ∞ LOW WING AIRCRAFT
 MISSILE CONFIGURATIONS
 PROPULSION SYSTEM CONFIGURATIONS
 SPACECRAFT CONFIGURATIONS
 UNDER SURFACE BLOWING
 UPPER SURFACE BLOWING
 WING ROOTS

AIRCRAFT CONSTRUCTION

USE AIRCRAFT STRUCTURES

AIRCRAFT CONSTRUCTION MATERIALS

GS AIRCRAFT CONSTRUCTION MATERIALS
 . AIRFRAME MATERIALS
 RT ∞ AIRCRAFT
 AIRFRAMES
 ALUMINUM-LITHIUM ALLOYS
 CERAMIC MATRIX COMPOSITES
 COMPOSITE MATERIALS
 ∞ CONSTRUCTION MATERIALS
 FUNCTIONALLY GRADIENT MATERIALS
 FUSELAGES
 LITHIUM ALLOYS
 ∞ MATERIALS
 PLASTIC AIRCRAFT STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 STRUCTURAL MEMBERS
 WINGS

AIRCRAFT CONTROL

UF FLAP CONTROL
 GS AIRCRAFT CONTROL
 . HELICOPTER CONTROL
 RT ACTIVE CONTROL
 AIR START
 ∞ AIRCRAFT
 ATTITUDE CONTROL
 AUTOMATIC CONTROL
 AUTOMATIC FLIGHT CONTROL
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROL SIMULATION
 CONTROL STABILITY
 CONTROL STICKS
 CONTROLLABILITY
 DAST PROGRAM
 DIRECTIONAL CONTROL
 ENGINE CONTROL
 FLIGHT CONTROL
 FLIGHT ENVELOPES
 FLIGHT INSTRUMENTS
 FLY BY LIGHT CONTROL
 FLY BY TUBE CONTROL
 FLY BY WIRE CONTROL
 GROUND BASED CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANEUVERABILITY
 MANUAL CONTROL
 MINOR CIRCLE TURNING FLIGHT
 PILOT INDUCED OSCILLATION
 RADIO CONTROL
 REMOTE CONTROL
 STABILITY AUGMENTATION
 TURBOJET ENGINE CONTROL
 VISUAL CONTROL

AIRCRAFT DESIGN

GS AIRCRAFT DESIGN
 . HELICOPTER DESIGN
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC CONFIGURATIONS
 AEROELASTIC RESEARCH WINGS
 AERONAUTICAL ENGINEERING
 AEROQUATIC VEHICLES
 ∞ AIRCRAFT
 AIRFOILS
 CHANNEL WINGS
 COMPOUND HELICOPTERS
 COMPUTER AIDED DESIGN
 CONTROL CONFIGURED VEHICLES
 DAST PROGRAM
 ∞ DESIGN
 ENGINE AIRFRAME INTEGRATION
 ENGINE DESIGN
 FLIGHT TESTS
 FREE WING AIRCRAFT
 INDUCED DRAG
 LOFTING
 MISSILE DESIGN

AIRCRAFT DESIGN--(cont.)

PANAVIA MILITARY AIRCRAFT
 PRODUCT DEVELOPMENT
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 SHORT HAUL AIRCRAFT
 STREAMLINING
 STRUCTURAL DESIGN
 SYSTEMS ENGINEERING
 TERMINAL CONFIGURED VEHICLE
 PROGRAM
 TRANSATMOSPHERIC VEHICLES
 TU-154 AIRCRAFT
 VORTEX SHEETS
 WEIGHT REDUCTION
 YF-12 AIRCRAFT

AIRCRAFT DETECTION

GS DETECTION
 . AIRCRAFT DETECTION
 RT ∞ AIRCRAFT
 ∞ DETECTORS
 F-117A AIRCRAFT
 IFF SYSTEMS (IDENTIFICATION)
 INFRARED SUPPRESSION
 TRACKING (POSITION)

AIRCRAFT ENERGY EFFICIENCY PROGRAM

USE ACEE PROGRAM

AIRCRAFT ENGINES

UF AIRCRAFT POWER SOURCES
 GS AIRCRAFT ENGINES
 . CONVERTIBLE FAN-SHAFT ENGINES
 . HELICOPTER ENGINES
 . J-52 ENGINE
 . J-58 ENGINE
 . J-97 ENGINE
 . T-34 ENGINE
 . T-38 ENGINE
 . T-55 ENGINE
 . T-63 ENGINE
 . T-76 ENGINE
 . T-78 ENGINE
 . TF-30 ENGINE
 . TF-34 ENGINE
 . TF-41 ENGINE
 . VARIABLE CYCLE ENGINES
 . VARIABLE STREAM CONTROL ENGINES
 RT ACEE PROGRAM
 AIR START
 ∞ AIRCRAFT
 ENGINE AIRFRAME INTEGRATION
 GAS TURBINE ENGINES
 HYDROGEN ENGINES
 INFRARED SUPPRESSION
 INTERNAL COMBUSTION ENGINES
 JET ENGINES
 JET PROPULSION
 LASER PROPULSION
 NUCLEAR PROPULSION
 PISTON ENGINES
 ∞ POWER SUPPLIES
 QUIET ENGINE PROGRAM
 ROCKET ENGINES
 ROTARY ENGINES
 T-58 ENGINE
 T-58-GE-8B ENGINE
 TOPPING CYCLE ENGINES
 TURBINE ENGINES
 WANKEL ENGINES

AIRCRAFT EQUIPMENT

GS ONBOARD EQUIPMENT
 . AIRCRAFT EQUIPMENT
 . . BOMBING EQUIPMENT
 . . EJECTION SEATS
 . . FLYING EJECTION SEATS
 . . TERCOM
 RT AIRBORNE EQUIPMENT
 ∞ AIRCRAFT
 AIRCRAFT HYDRAULIC SYSTEMS
 AIRCRAFT LIGHTS
 AIRCRAFT POWER SUPPLIES
 AIRCRAFT TIRES
 AUTOMATIC LANDING CONTROL
 AUTOMATIC PILOTS
 AVIONICS
 COMMONALITY
 DISPLAY DEVICES
 ∞ EQUIPMENT
 FLIGHT INSTRUMENTS
 LANDING AIDS
 LANDING INSTRUMENTS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM

AIRCRAFT FUEL SYSTEMS

AIRCRAFT EQUIPMENT--(cont.)

NAVIGATION AIDS
NAVIGATION INSTRUMENTS
RADIO DIRECTION FINDERS

AIRCRAFT FUEL SYSTEMS

GS FUEL SYSTEMS
 . AIRCRAFT FUEL SYSTEMS
RT ∞ AIRCRAFT
 FUEL PUMPS
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 FUEL VALVES
 ∞ SYSTEMS

AIRCRAFT FUELS

GS FUELS
 . CHEMICAL FUELS
 . LIQUID FUELS
 . . . AIRCRAFT FUELS
RT ∞ AIRCRAFT
 ANTIMISTING FUELS
 AUTOMOBILE FUELS
 HYDROCARBON FUELS
 JET ENGINE FUELS
 LIQUID ROCKET PROPELLANTS
 MONOPROPELLANTS
 SLURRY PROPELLANTS
 SOLID PROPELLANTS
 TANKER AIRCRAFT

AIRCRAFT GUIDANCE

GS GUIDANCE (MOTION)
 . AIRCRAFT GUIDANCE
RT AIR TRAFFIC CONTROL
 ∞ AIRCRAFT
 APPROACH CONTROL
 AUTOMATED EN ROUTE ATC
 COLLISION AVOIDANCE
 ∞ INDICATORS
 INSTRUMENT LANDING SYSTEMS
 RADAR APPROACH CONTROL
 RADAR NAVIGATION
 RADARSCOPIES
 RADIO NAVIGATION

AIRCRAFT HANGARS

USE HANGARS

AIRCRAFT HAZARDS

GS HAZARDS
 . AIRCRAFT HAZARDS
RT AIR TRAFFIC
 ∞ AIRCRAFT
 AIRCRAFT ICING
 AVIATION METEOROLOGY
 BIRD-AIRCRAFT COLLISIONS
 BIRDS
 COLLISIONS
 CRASH LANDING
 CRASHES
 FLIGHT HAZARDS
 FLIGHT SAFETY
 FOREIGN BODIES
 HUMAN FACTORS ENGINEERING
 MALFUNCTIONS
 MIDAIR COLLISIONS
 NOISE (SOUND)
 OPERATIONAL HAZARDS
 REFUELING
 THREAT EVALUATION
 TOXIC HAZARDS
 WEATHER

AIRCRAFT HYDRAULIC SYSTEMS

GS HYDRAULIC EQUIPMENT
 . AIRCRAFT HYDRAULIC SYSTEMS
RT ACTUATORS
 ∞ AIRCRAFT
 AIRCRAFT EQUIPMENT
 SERVOCONTROL
 SERVOMECHANISMS
 ∞ SYSTEMS

AIRCRAFT ICING

UF WING ICING
GS ICE FORMATION
 . AIRCRAFT ICING
RT AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 AVIATION METEOROLOGY
 DEICERS
 DEICING
 FLIGHT CONDITIONS
 FLIGHT HAZARDS

AIRCRAFT ICING--(cont.)

FLIGHT SAFETY
ICE PREVENTION

AIRCRAFT INDUSTRY

GS INDUSTRIES
 . AEROSPACE INDUSTRY
 . . . AIRCRAFT INDUSTRY
RT AERONAUTICAL ENGINEERING
 ∞ AIRCRAFT
 AIRCRAFT PRODUCTION COSTS

AIRCRAFT INSTRUMENTS

GS AIRCRAFT INSTRUMENTS
 . APPROACH INDICATORS
 . AUTOMATIC PILOTS
 . FLIGHT RECORDERS
 . RATE OF CLIMB INDICATORS
RT AIRBORNE SURVEILLANCE RADAR
 ALTIMETERS
 ANEMOMETERS
 ATTITUDE INDICATORS
 AUTOMATIC FLIGHT CONTROL
 AVIONICS
 COMPASSES
 DISPLAY DEVICES
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 FLIGHT PATHS
 FLIGHT TEST INSTRUMENTS
 INDICATING INSTRUMENTS
 INSTRUMENT APPROACH
 INSTRUMENT LANDING SYSTEMS
 ∞ INSTRUMENTS
 I2S CAMERAS
 LANDING AIDS
 LANDING INSTRUMENTS
 LASER ALTIMETERS
 LIGHT EMITTING DIODES
 ∞ MEASUREMENT
 MEASURING INSTRUMENTS
 MONITORS
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 POSITION INDICATORS
 RADAR
 RADIO ALTIMETERS
 RECORDING INSTRUMENTS
 SPEED INDICATORS
 TACHOMETERS

AIRCRAFT INTERIORS

USE AIRCRAFT COMPARTMENTS

AIRCRAFT LANDING

GS LANDING
 . AIRCRAFT LANDING
 . . . CRASH LANDING
 . . . DITCHING (LANDING)
 . . . SKID LANDINGS
RT AIR CUSHION LANDING SYSTEMS
 ∞ AIRCRAFT
 ALL-WEATHER LANDING SYSTEMS
 BLIND LANDING
 CEILINGS (METEOROLOGY)
 CONTROLLABILITY
 CRASHWORTHINESS
 GLIDE LANDINGS
 HARD LANDING
 INSTRUMENT LANDING SYSTEMS
 LANDING AIDS
 LANDING MATS
 LANDING RADAR
 LOW VISIBILITY
 MICROWAVE LANDING SYSTEMS
 RUNWAY ALIGNMENT
 SOFT LANDING
 SPACECRAFT LANDING
 TAKEOFF
 TOUCHDOWN
 VERTICAL LANDING
 VORTEX AVOIDANCE
 WATER LANDING

AIRCRAFT LAUNCHING DEVICES

UF TAKEOFF SYSTEMS
GS LAUNCHERS
 . AIRCRAFT LAUNCHING DEVICES
RT JATO ENGINES
 CATAPULTS

AIRCRAFT LIGHTS

GS LIGHTING EQUIPMENT
 . LUMINAIRES
 . . . AIRCRAFT LIGHTS

AIRCRAFT LIGHTS--(cont.)

RT ∞ AIRCRAFT
 AIRCRAFT EQUIPMENT
 BEACONS

AIRCRAFT MAINTENANCE

GS MAINTENANCE
 . AIRCRAFT MAINTENANCE
RT ∞ AIRCRAFT
 CHECKOUT
 FLIGHT OPERATIONS
 GROUND SUPPORT EQUIPMENT
 LOGISTICS

AIRCRAFT MANEUVERS

GS MANEUVERS
 . AIRCRAFT MANEUVERS
RT ∞ AIRCRAFT
 APPROACH CONTROL
 FLIGHT CHARACTERISTICS
 FLIGHT ENVELOPES
 FLIGHT PATHS
 HIGHLY MANEUVERABLE AIRCRAFT
 MANEUVERABILITY
 OBSTACLE AVOIDANCE
 TRAJECTORY OPTIMIZATION
 TRANSITION FLIGHT
 TURNING FLIGHT

AIRCRAFT MODELS

GS MODELS
 . AIRCRAFT MODELS
RT DYNAMIC MODELS
 MATHEMATICAL MODELS
 POWERED MODELS
 SCALE MODELS
 SEMISPAN MODELS
 SPACECRAFT MODELS
 WIND TUNNEL MODELS

AIRCRAFT NOISE

GS ELASTIC WAVES
 . SOUND WAVES
 . . . NOISE (SOUND)
 AIRCRAFT NOISE
 BLADE SLAP NOISE
 JET AIRCRAFT NOISE
 PROPELLER NOISE
 SONIC BOOMS
RT ACOUSTIC RETROFITTING
 AEROACOUSTICS
 AERODYNAMIC NOISE
 ∞ AIRCRAFT
 COAXIAL NOZZLES
 ENGINE NOISE
 FOOTPRINTS
 JET AIRCRAFT
 MUFFLERS
 NOISE INTENSITY
 NOISE MEASUREMENT
 NOISE PREDICTION (AIRCRAFT)
 NOISE REDUCTION
 SYNCHROPHASING

AIRCRAFT NOISE PREDICTION

USE NOISE PREDICTION (AIRCRAFT)

AIRCRAFT PARTS

RT ∞ AIRCRAFT
 AIRFOILS
 AIRFRAMES
 CHANNEL WINGS
 CONTROL SURFACES
 FUSELAGES
 LANDING GEAR
 OBLIQUE WINGS
 PROTUBERANCES
 SWING TAIL ASSEMBLIES
 SWING WINGS
 TAIL ASSEMBLIES
 WINGS

AIRCRAFT PERFORMANCE

GS AIRCRAFT PERFORMANCE
 . HELICOPTER PERFORMANCE
RT AERODYNAMIC STALLING
 ∞ AIRCRAFT
 AIRCRAFT SPIN
 AIRSPEED
 CONTROLLABILITY
 DISTANCE
 FLIGHT CHARACTERISTICS
 FLIGHT ENVELOPES
 MANEUVERABILITY
 MINIMUM DRAG

AIRCRAFT PERFORMANCE--(cont.)

- PAYLOADS
- ∞ PERFORMANCE
- PILOT PERFORMANCE
- SPECIFICATIONS
- TAKEOFF RUNS

AIRCRAFT PILOTS

- UF AVIATORS
- COPILOTS
- JET PILOTS
- GS PERSONNEL
 - . FLYING PERSONNEL
 - . PILOTS (PERSONNEL)
 - . . . **AIRCRAFT PILOTS**
 - TEST PILOTS
 - OPERATORS (PERSONNEL)
 - PILOTS (PERSONNEL)
 - **AIRCRAFT PILOTS**
 - TEST PILOTS
- RT ∞ AIRCRAFT
- AVIATION PSYCHOLOGY
- FLIGHT CREWS
- ∞ PILOTS

AIRCRAFT POWER SOURCES

- USE AIRCRAFT ENGINES

AIRCRAFT POWER SUPPLIES

- GS ELECTRIC POWER SUPPLIES
 - . **AIRCRAFT POWER SUPPLIES**
- RT AIRCRAFT EQUIPMENT
- AUXILIARY POWER SOURCES
- ELECTRIC GENERATORS
- ∞ POWER SUPPLIES

AIRCRAFT PRODUCTION

- UF FUSELAGE MOUNTING
- RT ∞ AIRCRAFT
- COSTS
- EQUIPMENT SPECIFICATIONS
- PRODUCT DEVELOPMENT
- ∞ PRODUCTION
- PRODUCTION ENGINEERING

AIRCRAFT PRODUCTION COSTS

- GS COSTS
 - . **AIRCRAFT PRODUCTION COSTS**
 - PRODUCTION COSTS
 - . **AIRCRAFT PRODUCTION COSTS**
- RT ∞ AIRCRAFT
- AIRCRAFT INDUSTRY
- COST ESTIMATES
- EFFICIENCY
- ∞ ENGINEERING
- FINANCIAL MANAGEMENT
- INDUSTRIES
- MANUFACTURING
- PRODUCTION ENGINEERING
- PRODUCTION MANAGEMENT
- PRODUCTIVITY

AIRCRAFT RELIABILITY

- UF AIRWORTHINESS
- AIRWORTHINESS REQUIREMENTS
- GS RELIABILITY
 - . **AIRCRAFT RELIABILITY**
- RT ∞ AIRCRAFT
- CERTIFICATION
- CIRCUIT RELIABILITY
- COMPONENT RELIABILITY
- HELICOPTER PERFORMANCE
- QUALITY CONTROL
- STRUCTURAL RELIABILITY
- TOTAL QUALITY MANAGEMENT
- VULNERABILITY

AIRCRAFT RUNUP

- GS PREFLIGHT OPERATIONS
 - . **AIRCRAFT RUNUP**
- RT ∞ AIRCRAFT
- ENGINE NOISE
- ENGINE TESTS
- GROUND TESTS
- JET AIRCRAFT NOISE

AIRCRAFT SAFETY

- GS SAFETY
 - . **AIRCRAFT SAFETY**
- RT ABORT APPARATUS
- AEROSPACE SAFETY
- AIR PIRACY
- AIR TRAFFIC CONTROL
- ∞ AIRCRAFT
- AIRCRAFT ACCIDENTS

AIRCRAFT SAFETY--(cont.)

- AIRCRAFT APPROACH SPACING
- AIRCRAFT ICING
- AIRCRAFT SPIN
- ALL-WEATHER LANDING SYSTEMS
- ARRESTING GEAR
- BEACON COLLISION AVOIDANCE SYSTEM
- COLLISION AVOIDANCE
- COLLISIONS
- CRASH LANDING
- CRASHES
- CRASHWORTHINESS
- EJECTION SEATS
- FLIGHT HAZARDS
- FLIGHT SAFETY
- FLYING EJECTION SEATS
- LANDING AIDS
- LANDING RADAR
- MICROWAVE LANDING SYSTEMS
- MIDAIR COLLISIONS
- NATIONAL AIRSPACE SYSTEM
- NAVIGATION AIDS
- SAFETY DEVICES
- SOLAR COMPASSES
- THREAT EVALUATION
- WEATHER
- WHEEL BRAKES

AIRCRAFT SPECIFICATIONS

- GS SPECIFICATIONS
 - . **AIRCRAFT SPECIFICATIONS**
- RT ∞ AIRCRAFT
- AIR SPEED
- CEILING (AIRCRAFT CAPABILITY)
- CONTROLLABILITY
- DISTANCE
- FLIGHT CHARACTERISTICS
- PAYLOADS

AIRCRAFT SPIN

- RT AERODYNAMIC STALLING
- ∞ AIRCRAFT
- AIRCRAFT PERFORMANCE
- AIRCRAFT SAFETY
- CONTROL STABILITY
- CONTROLLABILITY
- CRASH LANDING
- FLIGHT HAZARDS
- FLIGHT SAFETY
- HAZARDS
- MANEUVERS
- SPIN DYNAMICS

AIRCRAFT STABILITY

- GS DYNAMIC CHARACTERISTICS
 - . DYNAMIC STABILITY
 - . . MOTION STABILITY
 - . . . **AIRCRAFT STABILITY**
 - HOVERING STABILITY
 - STABILITY
 - DYNAMIC STABILITY
 - MOTION STABILITY
 - **AIRCRAFT STABILITY**
 - HOVERING STABILITY
- RT AERODYNAMIC BALANCE
- AERODYNAMIC STABILITY
- ∞ AIRCRAFT
- ATTITUDE STABILITY
- BUFFETING
- CONTROL STABILITY
- CONTROLLABILITY
- COUNTERBALANCES
- DIRECTIONAL STABILITY
- FLIGHT ENVELOPES
- HORIZONTAL FLIGHT
- LATERAL STABILITY
- LIQUID SLOSHING
- LONGITUDINAL STABILITY
- LOW SPEED STABILITY
- PILOT INDUCED OSCILLATION
- STATIC STABILITY
- STRUCTURAL STABILITY
- TURNING FLIGHT
- UPPER SURFACE BLOWN FLAPS
- WIND TUNNEL STABILITY TESTS

AIRCRAFT STRUCTURES

- UF AIRCRAFT CONSTRUCTION
- GS **AIRCRAFT STRUCTURES**
 - . AIRFRAMES
 - . FUSELAGES
 - . PLASTIC AIRCRAFT STRUCTURES
- RT AERODYNAMIC INTERFERENCE
- AEROELASTICITY

AIRCRAFT STRUCTURES--(cont.)

- AFTERBODIES
- ∞ AIRCRAFT
- AIRFOILS
- BORON-EPOXY COMPOSITES
- CANARD CONFIGURATIONS
- CANOPIES
- CENTERBODIES
- CHANNEL WINGS
- CONTROL SURFACES
- FAIRINGS
- FOREBODIES
- HULLS (STRUCTURES)
- INTERFERENCE FIT
- LEADING EDGE FLAPS
- NOSES (FOREBODIES)
- OBLIQUE WINGS
- PYLON MOUNTING
- SHELLS (STRUCTURAL FORMS)
- SPACECRAFT STRUCTURES
- STREAMLINING
- ∞ STRUCTURES
- SWING TAIL ASSEMBLIES
- SWING WINGS
- TAIL ASSEMBLIES
- WINGS

AIRCRAFT SURVIVABILITY

- RT ∞ AIRCRAFT
- COMBAT
- ∞ CONSTRUCTION MATERIALS
- DURABILITY
- FLIGHT CONTROL
- HELICOPTERS
- LIFE (DURABILITY)
- ∞ MILITARY AIRCRAFT
- PLASTIC AIRCRAFT STRUCTURES
- REINFORCED PLASTICS
- RELIABILITY
- SPACECRAFT SURVIVABILITY
- SURVIVAL
- SURVIVAL EQUIPMENT
- VULNERABILITY

AIRCRAFT TIRES

- GS TIRES
 - . **AIRCRAFT TIRES**
- RT ∞ AIRCRAFT
- AIRCRAFT EQUIPMENT
- LANDING GEAR
- VEHICLE WHEELS

AIRCRAFT WAKES

- GS WAKES
 - . **AIRCRAFT WAKES**
 - . . HELICOPTER WAKES
 - . . SLIPSTREAMS
 - . . . PROPELLER SLIPSTREAMS
- RT ∞ AIRCRAFT
- HYPERSONIC WAKES
- LAMINAR WAKES
- SUPERSONIC WAKES
- TURBULENT WAKES
- VORTEX ADVISORY SYSTEM
- VORTEX ALLEVIATION

AIRCROWS

- USE FLIGHT CREWS

AIRDROPS

- RT AIR CARGO
- CARGO
- DELIVERY
- DRAG CHUTES
- PARACHUTES

AIRFIELD SURFACE MOVEMENTS

- RT AIR CARGO
- AIRPORTS
- HANGARS
- MATERIALS HANDLING
- MOBILE LOUNGES
- RUNWAYS
- ∞ SURFACES
- TAXIING

AIRFIELDS

- USE AIRPORTS

AIRFOIL CHARACTERISTICS

- USE AIRFOILS

AIRFOIL FENCES

- GS AIRFOILS

AIRFOIL FENCES--(cont.)

- RT **AIRFOIL FENCES**
- BOUNDARY LAYER CONTROL
- ∞ FENCES
- VORTEX GENERATORS
- WINGS

AIRFOIL OSCILLATIONS

- GS OSCILLATIONS
- AIRFOIL OSCILLATIONS**
- WING OSCILLATIONS
- RT AERODYNAMIC STABILITY
- AEROELASTICITY
- AEROSERVOELASTICITY
- FLAPPING
- FLUTTER
- FLUTTER ANALYSIS
- ROTARY STABILITY
- STRUCTURAL VIBRATION
- UNDAMPED OSCILLATIONS
- VIBRATION
- VIBRATION MODE

AIRFOIL PROFILES

- UF AERODYNAMIC CHORDS
- AIRFOIL SECTIONS
- AIRFOIL THICKNESS
- CLARK Y AIRFOIL
- GS **AIRFOIL PROFILES**
- WING PROFILES
- WING SPAN
- RT AERODYNAMIC INTERFERENCE
- AIRFOILS
- BLADE TIPS
- ∞ CROSS SECTIONS
- JOUKOWSKI TRANSFORMATION
- KUTTA-JOUKOWSKI CONDITION
- LIGHTHILL METHOD
- NOSE TIPS
- ∞ PROFILES
- STREAMLINING
- SUPERCritical AIRFOILS
- THEODORSEN TRANSFORMATION
- THICKNESS
- THICKNESS RATIO
- THIN AIRFOILS
- THIN WINGS
- TIPS
- WEDGES
- WING TIPS

AIRFOIL SECTIONS

- USE AIRFOIL PROFILES

AIRFOIL THICKNESS

- USE AIRFOIL PROFILES

AIRFOILS

- UF AIRFOIL CHARACTERISTICS
- GS **AIRFOILS**
- AERIAL RUDDERS
- AILERONS
- FLAPERONS
- SPOILER SLOT AILERONS
- AIRFOIL FENCES
- CIRCULATION CONTROL AIRFOILS
- CIRCULATION CONTROL ROTORS
- DROOPED AIRFOILS
- ELEVATORS (CONTROL SURFACES)
- ELEVONS
- FLAPS (CONTROL SURFACES)
- EXTERNALLY BLOWN FLAPS
- UPPER SURFACE BLOWN FLAPS
- FLAPERONS
- JET FLAPS
- SPLIT FLAPS
- WING FLAPS
- LEADING EDGE FLAPS
- LEADING EDGE SLATS
- TRAILING EDGE FLAPS
- VORTEX FLAPS
- HORIZONTAL TAIL SURFACES
- LAMINAR FLOW AIRFOILS
- PROPELLER BLADES
- SPOILERS
- SUPERCritical AIRFOILS
- SUPERCritical WINGS
- SUPERSONIC AIRFOILS
- TABS (CONTROL SURFACES)
- THIN AIRFOILS
- THIN WINGS
- INFINITE SPAN WINGS
- WINGS
- AEROELASTIC RESEARCH WINGS
- CAMBERED WINGS

AIRFOILS--(cont.)

- CARET WINGS
- CHANNEL WINGS
- CRUCIFORM WINGS
- FIXED WINGS
- FLEXIBLE WINGS
- PARAWINGS
- GAW-1 AIRFOIL
- GAW-2 AIRFOIL
- JOINED WINGS
- LOW ASPECT RATIO WINGS
- DELTA WINGS
- TRAPEZOIDAL WINGS
- MISSION ADAPTIVE WINGS
- OBLIQUE WINGS
- RIGID WINGS
- ROTARY WINGS
- CIRCULATION CONTROL ROTORS
- LIFTING ROTORS
- BEARINGLESS ROTORS
- RIGID ROTORS
- TILTING ROTORS
- TIP DRIVEN ROTORS
- X WING ROTORS
- SLENDER WINGS
- INFINITE SPAN WINGS
- SUPERCritical WINGS
- SWEPT WINGS
- SWEPT FORWARD WINGS
- TRAPEZOIDAL WINGS
- SWEPTBACK WINGS
- ARROW WINGS
- DELTA WINGS
- TRAPEZOIDAL WINGS
- SWING WINGS
- THIN WINGS
- INFINITE SPAN WINGS
- TWISTED WINGS
- UNCAMBERED WINGS
- RING WINGS
- UNSWEEPED WINGS
- INFINITE SPAN WINGS
- RECTANGULAR WINGS
- RING WINGS
- VARIABLE SWEEP WINGS
- RT AERODYNAMIC CONFIGURATIONS
- AERODYNAMICS
- AIRCRAFT DESIGN
- AIRCRAFT PARTS
- AIRCRAFT STRUCTURES
- AIRFOIL PROFILES
- ASPECT RATIO
- BLADE-VORTEX INTERACTION
- ∞ BLADES
- BLUNT LEADING EDGES
- BLUNT TRAILING EDGES
- BODY-WING CONFIGURATIONS
- CAMBER
- CONTROL SURFACES
- DEICERS
- DEICING
- FINS
- ∞ FOILS
- FOILS (MATERIALS)
- GUIDE VANES
- HYDROFOILS
- INTERACTIONAL AERODYNAMICS
- JET VANES
- LEADING EDGE THRUST
- LEADING EDGES
- LIFT
- LIFTING BODIES
- LIGHTHILL METHOD
- MONOPLANES
- ROTOR BLADES (TURBOMACHINERY)
- ROTORS
- RUDDERS
- SHARP LEADING EDGES
- STABILIZERS (FLUID DYNAMICS)
- STREAMLINED BODIES
- STREAMLINING
- TAIL ASSEMBLIES
- THICKNESS RATIO
- TRAILING EDGES
- TURBOMACHINE BLADES
- VANES
- WAVERIDERS
- WEDGES

AIRFRAME MATERIALS

- GS AIRCRAFT CONSTRUCTION MATERIALS
- AIRFRAME MATERIALS**
- RT AIRFRAMES
- ALUMINUM-LITHIUM ALLOYS
- COMPOSITE MATERIALS
- ∞ CONSTRUCTION MATERIALS

AIRFRAME MATERIALS--(cont.)

- FUNCTIONALLY GRADIENT MATERIALS
- GLASS FIBER REINFORCED PLASTICS
- ∞ MATERIALS
- STRUCTURAL DESIGN
- STRUCTURAL MEMBERS

AIRFRAMES

- GS AIRCRAFT STRUCTURES
- AIRFRAMES**
- FRAMES
- AIRFRAMES**
- RT AIRCRAFT CONSTRUCTION MATERIALS
- AIRCRAFT PARTS
- AIRFRAME MATERIALS
- BAYS (STRUCTURAL UNITS)
- CANOPIES
- CONTROL SURFACES
- ENGINE AIRFRAME INTEGRATION
- FINS
- FUSELAGES
- LANDING GEAR
- MISSILE BODIES
- MISSILE STRUCTURES
- NACELLES
- PROTUBERANCES
- TAIL ASSEMBLIES
- WING NACELLE CONFIGURATIONS
- WINGS

AIRGEEP AIRCRAFT

- USE VZ-8 AIRCRAFT

AIRGLOW

- UF ATMOSPHERIC EMISSION
- GS ATMOSPHERIC RADIATION
- SKY RADIATION
- AIRGLOW**
- GEOCORONAL EMISSIONS
- NIGHTGLOW
- TWILIGHT GLOW
- ELECTROMAGNETIC RADIATION
- LIGHT (VISIBLE RADIATION)
- SKY RADIATION
- AIRGLOW**
- GEOCORONAL EMISSIONS
- NIGHTGLOW
- TWILIGHT GLOW
- RT AERONOMY
- ATMOSPHERIC IONIZATION
- AURORAS
- CHEMILUMINESCENCE
- EARTH ATMOSPHERE
- EMISSION
- FABRY-PEROT SPECTROMETERS
- LIGHT EMISSION
- NIGHT SKY
- OXYGEN SPECTRA
- RADIATIVE RECOMBINATION
- RAYLEIGH SCATTERING
- SKY BRIGHTNESS

AIRLINE OPERATIONS

- RT AIR CARGO
- AIR TRAFFIC
- AIR TRANSPORTATION
- CIVIL AVIATION
- COMMERCIAL AIRCRAFT
- OPERATING COSTS
- OPERATIONAL PROBLEMS
- ∞ OPERATIONS
- PASSENGERS
- SHORT HAUL AIRCRAFT

AIRLOCK MODULES

- GS MODULES
- AIRLOCK MODULES**
- RT AIR LOCKS
- APOLLO APPLICATIONS PROGRAM
- MULTIPLE DOCKING ADAPTERS
- SATURN WORKSHOPS
- SATURN 1 WORKSHOP
- SATURN 5 WORKSHOP
- SKYLAB PROGRAM
- SKYLAB 1
- SKYLAB 2
- SKYLAB 3
- SKYLAB 4
- SPACECRAFT DOCKING MODULES

AIRPORT BEACONS

- GS LANDING AIDS
- AIRPORT BEACONS**
- DISCRETE ADDRESS BEACON
- SYSTEM

AIRPORT BEACONS--(cont.)

- NAVIGATION AIDS
 - . BEACONS
 - . **AIRPORT BEACONS**
 - . . . DISCRETE ADDRESS BEACON SYSTEM
- RT RADIO BEACONS
- SOLAR COMPASSES

AIRPORT LIGHTS

- GS LANDING AIDS
 - . **AIRPORT LIGHTS**
 - . . RUNWAY LIGHTS
 - . LIGHTING EQUIPMENT
 - . LUMINAIRES
 - . . **AIRPORT LIGHTS**
 - . . . RUNWAY LIGHTS
- RT SEARCHLIGHTS

AIRPORT PLANNING

- GS PLANNING
 - . **AIRPORT PLANNING**
- RT GROUND SUPPORT EQUIPMENT
- HELIPORTS
- LAND USE
- SITES

AIRPORT SECURITY

- GS SECURITY
 - . **AIRPORT SECURITY**
- RT AIR PIRACY
- AIRPORTS
- PROTECTION
- VULNERABILITY

AIRPORT SURFACE DETECTION EQUIPMENT

- UF ASDE
- RT AIR TRAFFIC CONTROL
 - ∞ EQUIPMENT
 - GROUND BASED CONTROL
 - RADAR EQUIPMENT
 - SEARCH RADAR
 - ∞ SURFACES
 - SURVEILLANCE RADAR

AIRPORT TOWERS

- GS TOWERS
 - . **AIRPORT TOWERS**
- RT AIR TRAFFIC CONTROL
- AIR TRAFFIC CONTROLLERS (PERSONNEL)
- AIRPORTS
- GROUND BASED CONTROL
- HELIPORTS
- LANDING AIDS
- TRAFFIC CONTROL

AIRPORTS

- UF AIRFIELDS
- GS **AIRPORTS**
 - . HELIPORTS
- RT ∞ AERONAUTICS
 - AIR TRAFFIC CONTROL
 - AIRFIELD SURFACE MOVEMENTS
 - AIRPORT SECURITY
 - AIRPORT TOWERS
 - ∞ FACILITIES
 - HANGARS
 - INSTRUMENT LANDING SYSTEMS
 - LANDING AIDS
 - LANDING MATS
 - MILITARY AIR FACILITIES
 - MOBILE LOUNGES
 - MOORING
 - NATIONAL AIRSPACE SYSTEM
 - NAVIGATION AIDS
 - ∞ PORTS
 - RUNWAYS
 - SITE SELECTION
 - ∞ STRIP

AIRS (RECONNAISSANCE SYS)

- USE AIRBORNE INTEGRATED RECONNAISSANCE SYSTEM

AIRSHIPS

- UF AEROSTATS
- DIRIGIBLES
- GS **AIRSHIPS**
 - . HEAVY LIFT AIRSHIPS
- RT ∞ AIRCRAFT
- BALLOONS
- GONDOLAS
- INFLATABLE STRUCTURES
- ∞ MILITARY AIRCRAFT

AIRSPACE

- RT AIR LAW
- AIR TRAFFIC
- AIR TRAFFIC CONTROL
- AIRCRAFT APPROACH SPACING
- BOUNDARIES
- COLLISION AVOIDANCE
- FLIGHT PATHS
- NATIONAL AIRSPACE SYSTEM
- NATIONAL AIRSPACE UTILIZATION SYSTEM

AIRSPEED

- GS RATES (PER TIME)
 - . **AIRSPEED**
 - VELOCITY
 - . **AIRSPEED**
- RT AERODYNAMIC STALLING
- AIRCRAFT PERFORMANCE
- AIRCRAFT SPECIFICATIONS
- BOUNDARY LAYER SEPARATION
- FLIGHT CHARACTERISTICS
- GROUND SPEED
- HIGH SPEED
- LOW SPEED
- MACH NUMBER
- WIND VELOCITY

AIRWORTHINESS

- USE AIRCRAFT RELIABILITY

AIRWORTHINESS REQUIREMENTS

- USE AIRCRAFT RELIABILITY

AIRY FUNCTION

- GS ANALYSIS (MATHEMATICS)
 - . COMPLEX VARIABLES
 - . **AIRY FUNCTION**
 - FUNCTIONS (MATHEMATICS)
 - . **AIRY FUNCTION**
- RT CYLINDRICAL BODIES
- DIFFERENTIAL EQUATIONS
- ELASTIC PROPERTIES
- HARMONIC FUNCTIONS
- POISSON RATIO
- STRESS ANALYSIS

AITKEN NUCLEI

- GS CONDENSATION NUCLEI
 - . **AITKEN NUCLEI**
- RT AEROSOLS
- ATMOSPHERIC CHEMISTRY
- ATMOSPHERIC COMPOSITION
- CLOUD PHYSICS
- COAGULATION
- CONDENSATES
- CRYSTAL GROWTH
- DUST
- ICE NUCLEI
- NUCLEATION
- ∞ NUCLEI
- SUPERCOOLING

AJ-10 ENGINE

- GS ENGINES
 - . ROCKET ENGINES
 - . BOOSTER ROCKET ENGINES
 - . . . **AJ-10 ENGINE**
 - . . . LIQUID PROPELLANT ROCKET ENGINES
 - . . . **AJ-10 ENGINE**
- RT TARTAR MISSILE

AJ-1000 ENGINE

- USE M-1 ENGINE

AKEBONO SATELLITE

- USE EXOS-D SATELLITE

AKERMANITE

- GS CALCIUM COMPOUNDS
 - . CALCIUM CARBONATES
 - . . **AKERMANITE**
 - . CALCIUM OXIDES
 - . . **AKERMANITE**
 - CARBON COMPOUNDS
 - CARBONATES
 - . CALCIUM CARBONATES
 - . . **AKERMANITE**
 - CHALCOGENIDES
 - . OXIDES
 - . . METAL OXIDES
 - . . . ALKALINE EARTH OXIDES
 - CALCIUM OXIDES

AKERMANITE--(cont.)

- **AKERMANITE**
- MAGNESIUM OXIDES
- **AKERMANITE**
- MAGNESIUM COMPOUNDS
- . MAGNESIUM OXIDES
- . **AKERMANITE**
- MINERALS
- . **AKERMANITE**
- RT SILICATES
- SILICON COMPOUNDS
- SILICON OXIDES

ALABAMA

- GS NATIONS
 - . UNITED STATES
 - . . **ALABAMA**
- RT GULF OF MEXICO
- TENNESSEE VALLEY (AL-KY-TN)

ALADIN 2 AIRCRAFT

- GS TRANSPORT AIRCRAFT
 - . **ALADIN 2 AIRCRAFT**
 - V/STOL AIRCRAFT
 - . SHORT TAKEOFF AIRCRAFT
 - . . **ALADIN 2 AIRCRAFT**
- RT ∞ AIRCRAFT

ALAIS METEORITE

- GS CELESTIAL BODIES
 - . METEORITES
 - . . STONY METEORITES
 - . . . CARBONACEOUS METEORITES
 - . . . CARBONACEOUS CHONDRITES
 - **ALAIS METEORITE**
 - . . . CHONDRITES
 - CARBONACEOUS CHONDRITES
 - **ALAIS METEORITE**

ALANINE

- GS ACIDS
 - . AMINO ACIDS
 - . . **ALANINE**
 - . . . PHENYLALANINE
 - . . . CARBOXYLIC ACIDS
 - . . **ALANINE**
 - ORGANIC COMPOUNDS
 - . AMINO ACIDS
 - . . **ALANINE**
 - . . . PHENYLALANINE
 - . . . CARBOXYLIC ACIDS
 - . . **ALANINE**
- RT PROTEINS

ALARM PROJECT

- UF AUTOMATIC LIGHT AIRCRAFT
- READINESS MONITOR
- GS PROGRAMS
- . PROJECTS
- . . **ALARM PROJECT**
- RT MONITORS

ALARMS

- USE WARNING SYSTEMS

ALASKA

- GS NATIONS
 - . UNITED STATES
 - . . **ALASKA**
- RT ALEUTIAN ISLANDS (US)
- BEAUFORT SEA (NORTH AMERICA)
- CHENA RIVER BASIN (AK)
- COOK INLET (AK)
- GULF OF ALASKA
- PRINCE WILLIAM SOUND (AK)
- WRANGELL MOUNTAINS (AK)

ALBANIA

- GS NATIONS
 - . **ALBANIA**
- RT EUROPE

ALBEDO

- GS **ALBEDO**
 - . COSMIC RAY ALBEDO
 - . EARTH ALBEDO
 - . LUNAR ALBEDO
- RT ABSORPTANCE
- COSMIC RAYS
- EARTH RADIATION BUDGET
- EXPERIMENT
- OPTICAL PROPERTIES
- PLANETARY RADIATION
- REFLECTANCE

ALBEDO--(cont.)

SOLAR RADIATION
SURFACE PROPERTIES

ALBERTA

GS NATIONS
. CANADA
. **ALBERTA**

ALBINISM

GS DISEASES
. **ALBINISM**
RT PIGMENTS
SKIN (ANATOMY)

ALBUMINS

GS BIOPOLYMERS
. PROTEINS
. **ALBUMINS**
ORGANIC COMPOUNDS
. PROTEINS
. **ALBUMINS**
RT ELASTIN

ALCOHOLS

GS HYDROXYL COMPOUNDS
. **ALCOHOLS**
. ETHYL ALCOHOL
. GLYCOLS
. ISOPROPYL ALCOHOL
. METHYL ALCOHOL
. PHENOLS
. BISPHENOLS
. CRESOLS
. PHLOROGLUCINOL
. THYMOL
. POLYVINYL ALCOHOL
. TRIOLS
. CYANURIC ACID
RT CARBOHYDRATES
GASOHOL (FUEL)
GLYCEROLS
HYDROXYL RADICALS
METHOXY SYSTEMS
ORGANIC COMPOUNDS
THIOLS

ALDEHYDES

GS **ALDEHYDES**
. ACETALDEHYDE
. ACROLEINS
. CHLORAL
. FORMALDEHYDE
RT ACETYL COMPOUNDS
FURFURYL ALCOHOL
ORGANIC COMPOUNDS
RETINENE

ALDOLASE

GS BIOPOLYMERS
. PROTEINS
. ENZYMES
. **ALDOLASE**
ORGANIC COMPOUNDS
. PROTEINS
. ENZYMES
. **ALDOLASE**
RT MUSCLES

ALDOSTERONE

GS ORGANIC COMPOUNDS
. LIPIDS
. STEROIDS
. CORTICOSTEROIDS
. **ALDOSTERONE**
SECRETIONS
. ENDOCRINE SECRETIONS
. HORMONES
. CORTICOSTEROIDS
. **ALDOSTERONE**
RT ADRENAL METABOLISM
ELECTROLYTE METABOLISM

ALERTNESS

RT AROUSAL
ATTENTION
WAKEFULNESS

ALEUTIAN ISLANDS (US)

GS LANDFORMS
. ISLANDS
. **ALEUTIAN ISLANDS (US)**
RT ALASKA
ARCHIPELAGOES

ALEUTIAN ISLANDS (US)--(cont.)

ISLAND ARCS
UNITED STATES

ALEXANDRITE

GS ALUMINUM COMPOUNDS
. ALUMINUM OXIDES
. **ALEXANDRITE**
. BERYL
. **ALEXANDRITE**
BERYLLIUM COMPOUNDS
. BERYL
. **ALEXANDRITE**
. BERYLLIUM OXIDES
. **ALEXANDRITE**
MINERALS
. BERYL
. **ALEXANDRITE**
RT LASER MATERIALS

ALFALFA

GS FARM CROPS
. **ALFALFA**
PLANTS (BOTANY)
. **ALFALFA**
RT AGRICULTURE
BLIGHT
BOTANY
CROP GROWTH
CROP VIGOR
CROPS
CURING
EARTH RESOURCES
FOOD
GRASSES
IRRIGATION
SEEDS

ALFVEN WAVES

USE MAGNETOHYDRODYNAMIC WAVES

ALGAAS

USE ALUMINUM GALLIUM ARSENIDES

ALGAE

UF ALGAL BLOOM
DIATOMS (UNICELLULAR PLANTS)
PLANTS (BOTANY)
GS **ALGAE**
. BLUE GREEN ALGAE
. ANABAENA
. MICROCYSTIS
. NOSTOC
. CHLORELLA
. DUNALIELLA
. PORPHYRA
. SCENEDESMUS
RT BIOCHEMICAL OXYGEN DEMAND
BIOCONVERSION
CHLOROPHYLLS
EUGLENA
LICHENS
MARINE BIOLOGY
MICROORGANISMS
PHOTOSYNTHESIS
PHYTOPLANKTON
PLANKTON
THERMOPHILES
THERMOPHILIC PLANTS
WATER POLLUTION

ALGAL BLOOM

USE ALGAE

ALGEBRA

GS **ALGEBRA**
. BINOMIAL THEOREM
. CURRENT ALGEBRA
. DETERMINANTS
. GROUP THEORY
. HOMOMORPHISMS
. AUTOMORPHISMS
. MONOIDS
. SUBGROUPS
. LIE GROUPS
. SPINOR GROUPS
. LINEAR EQUATIONS
. LINEAR EVOLUTION EQUATIONS
. RICCATI EQUATION
. LINEAR TRANSFORMATIONS
. NONLINEAR EQUATIONS
. CUBIC EQUATIONS
. DUFFING DIFFERENTIAL EQUATION
. MONGE-AMPERE EQUATION
. NONLINEAR EVOLUTION EQUATIONS

ALGEBRA--(cont.)

. QUADRATIC EQUATIONS
. QUARTIC EQUATIONS
. POLYNOMIALS
. BINOMIALS
. DYADICS
. HERMITIAN POLYNOMIAL
. TENSORS
. STRESS TENSORS
. VECTOR SPACES
. BANACH SPACE
. HILBERT SPACE
. SOBOLEV SPACE
. MATRICES (MATHEMATICS)
. ADJOINTS
. CANONICAL FORMS
. EIGENVALUES
. EIGENVECTORS
. HESSIAN MATRICES
. JORDAN FORM
. STIFFNESS MATRIX
. STOKES THEOREM (VECTOR CALCULUS)
. U SPIN SPACE
. VECTORS (MATHEMATICS)
. EIGENVECTORS
. STATE VECTORS
. VORTICITY
RT ANALYSIS (MATHEMATICS)
ANALYZING
BOOLEAN ALGEBRA
COORDINATES
FUNCTIONS (MATHEMATICS)
HOMOTROPY
MATHEMATICS
SCHWARTZ INEQUALITY
SCIENCE
SEMIEMPIRICAL EQUATIONS
SPACE
SUMS
UNIQUENESS THEOREM

ALGERIA

GS NATIONS
. **ALGERIA**
RT AFRICA

ALGOL

UF ALGORITHMIC ORIENTED LANGUAGE
GS LANGUAGES
. PROGRAMMING LANGUAGES
. **ALGOL**
RT COMPUTER PROGRAMMING
MACHINE ORIENTED LANGUAGES

ALGOL ENGINE

GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. **ALGOL ENGINE**
. SOLID PROPELLANT ROCKET ENGINES
. **ALGOL ENGINE**
RT BLUE SCOUT ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SCOUT LAUNCH VEHICLE

ALGORITHMIC ORIENTED LANGUAGE

USE ALGOL

ALGORITHMS

GS MATHEMATICAL LOGIC
. **ALGORITHMS**
. GENETIC ALGORITHMS
. PARSING ALGORITHMS
. SIMPLEX METHOD
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
COMPUTERIZED SIMULATION
CONJUGATE GRADIENT METHOD
DATA CONVERSION ROUTINES
DIFFERENTIAL ANALYZERS
FACTORIZATION
FUZZY SETS
FUZZY SYSTEMS
HESSIAN MATRICES
MEAN SQUARE VALUES
NUMERICAL ANALYSIS
NUMERICAL DIFFERENTIATION
PARAMETERIZATION
ROBUSTNESS (MATHEMATICS)
STATE ESTIMATION
SYSTOLIC ARRAYS

ALIGNMENT

- GS ALIGNMENT
 . SELF ALIGNMENT
 RT ADJUSTING
 BEARING (DIRECTION)
 CLEARANCES
 COLLIMATION
 CORRECTION
 DIRECTIVITY
 FITTING
 HORIZONTAL ORIENTATION
 INSTRUMENT ORIENTATION
 LOOK ANGLES (ELECTRONICS)
 ∞ ORIENTATION
 PLY ORIENTATION
 POLARIZATION (SPIN ALIGNMENT)
 POSITIONING
 VERTICAL ORIENTATION

∞ ALIPHATIC COMPOUNDS

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ALIPHATIC HYDROCARBONS
 AMINES
 FATTY ACIDS
 MOLECULAR CHAINS
 ORGANIC COMPOUNDS

ALIPHATIC HYDROCARBONS

- GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 BUTANES
 CETANE
 ETHANE
 HEPTANES
 METHANE
 NITROPROPANE
 NONANES
 OCTANES
 PARAFFINS
 CERESIN
 PENTANES
 NEOPENTANE
 PROPANE
 . . . ALKENES
 BUTENES
 ETHYLENE
 VINYLIDENE
 HEXENES
 PROPYLENE
 TRIENES
 . . . ALKYNES
 ACETYLENE
 OXYACETYLENE
 . . . DIENES
 BUTADIENE
 HEPTADIENE
 HEXADIENE
 POLYBUTADIENE
 RT ∞ ALIPHATIC COMPOUNDS
 TERPENES

ALKALI HALIDES

- GS HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . ALKALI HALIDES
 CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 POTASSIUM IODIDES
 SODIUM BROMIDES
 SODIUM CHLORIDES
 SODIUM FLUORIDES
 SODIUM IODIDES

∞ ALKALI METAL COMPOUNDS

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF GROUP 1A COMPOUNDS
 RT CESIUM COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 LITHIUM COMPOUNDS
 ∞ METAL COMPOUNDS
 POTASSIUM COMPOUNDS
 RUBIDIUM COMPOUNDS
 SODIUM COMPOUNDS

ALKALI METALS

- GS CHEMICAL ELEMENTS

ALKALI METALS--(cont.)

- . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 . . . CESIUM VAPOR
 . . FRANCIUM
 . . LITHIUM
 . . . LIQUID LITHIUM
 . . . LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 . . . RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 METALS
 . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 . . . CESIUM VAPOR
 . . FRANCIUM
 . . LITHIUM
 . . . LIQUID LITHIUM
 . . . LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 . . . RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 RT CESIUM ALLOYS
 METAL VAPORS

ALKALI VAPOR LAMPS

- GS LIGHTING EQUIPMENT
 . LUMINAIRES
 . . FLASH LAMPS
 . . . ALKALI VAPOR LAMPS
 RT LASERS
 LUMINESCENCE
 METAL VAPORS
 RARE EARTH ELEMENTS

ALKALIES

- UF CAUSTICS
 GS BASES (CHEMICAL)
 . ALKALIES
 . . LITHIUM HYDROXIDES
 . . . POTASSIUM HYDROXIDES
 SODIUM HYDROXIDES
 RT ALKALINITY
 CARBONATES
 HYDROXIDES

ALKALINE BATTERIES

- GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . PRIMARY BATTERIES
 . . . ALKALINE BATTERIES
 ELECTROCHEMICAL CELLS
 ELECTRIC BATTERIES
 PRIMARY BATTERIES
 ALKALINE BATTERIES
 RT STORAGE BATTERIES
 THERMAL BATTERIES

∞ ALKALINE EARTH COMPOUNDS

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF GROUP 2A COMPOUNDS
 RT ALKALINE EARTH METALS
 ALKALINE EARTH OXIDES
 BARIUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 CALCIUM COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 MAGNESIUM COMPOUNDS
 STRONTIUM COMPOUNDS
 STRONTIUM OXIDES

ALKALINE EARTH METALS

- GS CHEMICAL ELEMENTS
 . ALKALINE EARTH METALS
 . . BARIUM ISOTOPES
 METALS
 . ALKALINE EARTH METALS
 . . BARIUM ISOTOPES
 RT ∞ ALKALINE EARTH COMPOUNDS

ALKALINE EARTH OXIDES

- GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . ALKALINE EARTH OXIDES
 BARIUM OXIDES
 BERYLLIUM OXIDES
 CALCIUM OXIDES
 AKERMANITE
 MAGNESIUM OXIDES
 AKERMANITE
 PERICLASE
 RT ∞ ALKALINE EARTH COMPOUNDS

ALKALINITY

- RT ALKALIES
 BASES (CHEMICAL)
 CHEMICAL ANALYSIS
 CHEMICAL COMPOSITION
 PH
 SALINITY
 WATER POLLUTION
 WATER QUALITY

ALKALOIDS

- GS BASES (CHEMICAL)
 . ALKALOIDS
 . . ATROPINE
 . . . BETAINES
 . . . CAFFEINE
 . . . COLCHICINE
 . . . ERGOTAMINE
 . . . HYOSCINE
 . . . LYSERGINE
 . . . MORPHINE
 . . . NICOTINAMIDE
 . . . NICOTINE
 . . . PILOCARPINE
 . . . RESERPINE
 . . . STRYCHNINE
 . . . TROPYL COMPOUNDS
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . ATROPINE
 . . . BETAINES
 . . . CAFFEINE
 . . . COLCHICINE
 . . . ERGOTAMINE
 . . . HYOSCINE
 . . . LYSERGINE
 . . . MORPHINE
 . . . NICOTINAMIDE
 . . . NICOTINE
 . . . PILOCARPINE
 . . . RESERPINE
 . . . STRYCHNINE
 . . . TROPYL COMPOUNDS
 ORGANIC COMPOUNDS
 CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 ATROPINE
 BETAINES
 CAFFEINE
 COLCHICINE
 ERGOTAMINE
 HYOSCINE
 LYSERGINE
 MORPHINE
 NICOTINAMIDE
 NICOTINE

ALKALOIDS--(cont.)

... PILOCARPINE
 ... RESERPINE
 ... STRYCHNINE
 ... TROPYL COMPOUNDS
 RT CURARE
 DRUGS
 MARIJUANA
 QUINOLINE

ALKALOSIS

RT ACIDOSIS
 HYPERVENTILATION
 PH
 PH FACTOR
 TOXICITY

ALKANES

UF SATURATED HYDROCARBONS
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 . . . BUTANES
 . . . CETANE
 . . . ETHANE
 . . . HEPTANES
 . . . METHANE
 . . . NITROPROPANE
 . . . NONANES
 . . . OCTANES
 . . . PARAFFINS
 . . . CERESIN
 . . . PENTANES
 . . . NEOPENTANE
 . . . PROPANE
 RT HYDROCARBON FUELS
 WAXES

ALKENES

UF OLEFINS
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . ALIPHATIC HYDROCARBONS
 . . . ALKENES
 . . . BUTENES
 . . . ETHYLENE
 . . . VINYLIDENE
 . . . HEXENES
 . . . PROPYLENE
 . . . TRIENES
 RT ALKYNES
 TERPENES

ALKYD RESINS

GS RESINS
 . ALKYD RESINS
 RT ADHESIVES
 PROTECTIVE COATINGS

ALKYL COMPOUNDS

GS ALKYL COMPOUNDS
 . ALKYLIDENE
 . CETYL COMPOUNDS
 . DIBUTYL COMPOUNDS
 . HEXYL COMPOUNDS
 . ISOPROPYL NITRATE
 . METHYL NITRATE
 . PROPYL NITRATE
 . TETRABUTYLS
 . TRIETHYL COMPOUNDS
 . TRIMETHYL COMPOUNDS
 RT ∞CHEMICAL COMPOUNDS
 ORGANIC COMPOUNDS

ALKYLATES

GS ESTERS
 . ALKYLATES
 RT ALKYLATION

ALKYLATION

UF OXYALKYLATION
 GS CHEMICAL REACTIONS
 . ALKYLATION
 RT ALKYLATES
 FRIEDEL-CRAFT REACTION
 METHYLATION
 REFINING

ALKYLFERROCENE

GS IRON COMPOUNDS
 . FERROCENES
 . . . ALKYLFERROCENE
 ORGANOMETALLIC COMPOUNDS
 . FERROCENES

ALKYLFERROCENE--(cont.)

. . . ALKYLFERROCENE

ALKYLIDENE

GS ALKYL COMPOUNDS
 . ALKYLIDENE

ALKYNES

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKYNES
 . . . ACETYLENE
 . . . OXYACETYLENE
 RT ALKENES
 CYCLIC AMP
 CYCLIC HYDROCARBONS

ALL SKY PHOTOGRAPHY

GS IMAGERY
 . ALL SKY PHOTOGRAPHY
 PHOTOGRAPHY
 . ALL SKY PHOTOGRAPHY
 RT BLACK AND WHITE PHOTOGRAPHY
 CLOUD PHOTOGRAPHS
 CLOUD PHOTOGRAPHY
 WIDE ANGLE LENSES

ALL-WEATHER AIR NAVIGATION

GS NAVIGATION
 . AIR NAVIGATION
 . . ALL-WEATHER AIR NAVIGATION
 RT DOPPLER NAVIGATION
 INERTIAL NAVIGATION
 NAVIGATION AIDS
 RADAR NAVIGATION
 RADIO NAVIGATION
 SOLAR COMPASSES
 TACAN

ALL-WEATHER LANDING SYSTEMS

GS LANDING AIDS
 . INSTRUMENT LANDING SYSTEMS
 . . ALL-WEATHER LANDING SYSTEMS
 RT AIRCRAFT LANDING
 AIRCRAFT SAFETY
 FLIGHT SAFETY
 LOW VISIBILITY
 ∞SYSTEMS

ALLEGHENY PLATEAU (US)

GS LAND
 . ALLEGHENY PLATEAU (US)
 LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . ALLEGHENY PLATEAU (US)
 RT MARYLAND
 PENNSYLVANIA
 VIRGINIA
 WEST VIRGINIA

ALLENDE METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CARBONACEOUS METEORITES
 . . . CARBONACEOUS CHONDRITES
 ALLENDE METEORITE
 . . . CHONDRITES
 . . . CARBONACEOUS CHONDRITES
 ALLENDE METEORITE

ALLERGIC DISEASES

RT ANAPHYLAXIS
 CONTACT DERMATITIS
 IMMUNOLOGY

ALLOCATIONS

UF ASSIGNMENT
 GS ALLOCATIONS
 . RESOURCE ALLOCATION
 RT ALLOWANCES
 BUDGETING
 COMMERCIAL ENERGY
 COST EFFECTIVENESS
 DISTRIBUTING
 ∞DISTRIBUTION
 DOMESTIC ENERGY
 ECONOMIC ANALYSIS
 ECONOMIC FACTORS
 ENGINEERING MANAGEMENT
 ESTIMATES
 FEDERAL BUDGETS

ALLOCATIONS--(cont.)

FINANCIAL MANAGEMENT
 INDUSTRIAL ENERGY
 MATRIX MANAGEMENT
 PROCUREMENT MANAGEMENT
 PROJECT PLANNING
 RESEARCH MANAGEMENT
 REVENUE
 TRANSPORTATION ENERGY

ALLOTROPY

RT AUSTENITE
 CRYSTAL STRUCTURE
 POLYMORPHISM

ALLOWANCES

RT ALLOCATIONS
 CLEARANCES
 ∞COMPENSATION
 PRECISION
 PRODUCTIVITY
 REGULATIONS
 RELIABILITY
 SAMPLING
 TOLERANCES (MECHANICS)

ALLOXAN

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . PYRIMIDINES
 ALLOXAN
 RT THYMIDINE
 THYMINE
 URACIL
 URIC ACID

ALLOYING

RT ADDITIVES
 ALLOYS
 ALUMINUM-LITHIUM ALLOYS
 BIMETALS
 BINARY ALLOYS
 EUTECTIC ALLOYS
 EUTECTICS
 INTERMETALLICS
 ∞METALLURGY
 POWDER METALLURGY
 PYROMETALLURGY
 QUATERNARY ALLOYS
 SOLID SOLUTIONS
 TERNARY ALLOYS

ALLOYS

GS ALLOYS
 . ANTIMONY ALLOYS
 . . BABBITT METAL
 . . ARSENIC ALLOYS
 . . BARIUM ALLOYS
 . . BEARING ALLOYS
 . . BINARY ALLOYS
 . . BISMUTH ALLOYS
 . . BORON ALLOYS
 . . CADMIUM ALLOYS
 . . CAST ALLOYS
 . . CESIUM ALLOYS
 . . CHROMIUM ALLOYS
 . . ASTROLOY (TRADEMARK)
 . . CHROMIUM STEELS
 . . RENE 41
 . . RENE 63
 . . RENE 77
 . . RENE 95
 . . COBALT ALLOYS
 . . ASTROLOY (TRADEMARK)
 . . RENE 41
 . . RENE 63
 . . RENE 77
 . . RENE 95
 . . CONSTANTAN
 . . COPPER ALLOYS
 . . BABBITT METAL
 . . BRASSES
 . . BRONZES
 . . MANGANIN (TRADEMARK)
 . . EUTECTIC ALLOYS
 . . GALLIUM ALLOYS
 . . GERMANIUM ALLOYS
 . . GOLD ALLOYS
 . . HAFNIUM ALLOYS
 . . HEAT RESISTANT ALLOYS
 . . NIMONIC ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . MOLYBDENUM ALLOYS
 . . . RENE 41

ALLOYS--(cont.)

. . . . RENE 63
 RENE 77
 NIOBIUM ALLOYS
 OSMIUM ALLOYS
 RHENIUM ALLOYS
 TANTALUM ALLOYS
 TUNGSTEN ALLOYS
 UDIMET ALLOYS
 WASPALOY
 HIGH STRENGTH ALLOYS
 ASTROLOY (TRADEMARK)
 HIGH STRENGTH STEELS
 MARAGING STEELS
 INDIUM ALLOYS
 IRIIDIUM ALLOYS
 IRON ALLOYS
 STEELS
 BAINITIC STEEL
 CARBON STEELS
 LOW CARBON STEELS
 CHROMIUM STEELS
 CROLOY
 HIGH STRENGTH STEELS
 MARAGING STEELS
 NICKEL STEELS
 STAINLESS STEELS
 AUSTENITIC STAINLESS STEELS
 FERRITIC STAINLESS STEELS
 MARTENSITIC STAINLESS STEELS
 KOVAR (TRADEMARK)
 LEAD ALLOYS
 LIGHT ALLOYS
 ALUMINUM ALLOYS
 ALUMINUM-LITHIUM ALLOYS
 BERYLLIUM ALLOYS
 MAGNESIUM ALLOYS
 LIQUID ALLOYS
 LITHIUM ALLOYS
 ALUMINUM-LITHIUM ALLOYS
 MANGANESE ALLOYS
 MANGANIN (TRADEMARK)
 MERCURY ALLOYS
 MERCURY AMALGAMS
 MONOTECTIC ALLOYS
 MULBERRY (ALLOY)
 NICKEL ALLOYS
 ASTROLOY (TRADEMARK)
 HASTELLOY (TRADEMARK)
 INCONEL (TRADEMARK)
 KAMACITE
 MONEL (TRADEMARK)
 NICHROME (TRADEMARK)
 NITINOL ALLOYS
 RENE 41
 RENE 63
 RENE 77
 RENE 95
 UDIMET ALLOYS
 WASPALOY
 PALLADIUM ALLOYS
 PERMALLOYS (TRADEMARK)
 PLATINUM ALLOYS
 PLUTONIUM ALLOYS
 POTASSIUM ALLOYS
 QUATERNARY ALLOYS
 RARE EARTH ALLOYS
 ERBIUM ALLOYS
 GADOLINIUM ALLOYS
 LANTHANUM ALLOYS
 NEODYMIUM ALLOYS
 RHODIUM ALLOYS
 RUTHENIUM ALLOYS
 SELENIUM ALLOYS
 SHAPE MEMORY ALLOYS
 NITINOL ALLOYS
 SILICON ALLOYS
 SILVER ALLOYS
 SODIUM ALLOYS
 SOLDER
 SYNTECTIC ALLOYS
 TELLURIUM ALLOYS
 TERNARY ALLOYS
 ASTROLOY (TRADEMARK)
 THALLIUM ALLOYS
 THORIUM ALLOYS
 TIN ALLOYS
 BABBITT METAL
 TITANIUM ALLOYS
 NITINOL ALLOYS
 URANIUM ALLOYS
 VANADIUM ALLOYS
 WROUGHT ALLOYS
 YTTRIUM ALLOYS
 ZINC ALLOYS
 ZIRCONIUM ALLOYS

ALLOYS--(cont.)

. . . . ZIRCALOYS (TRADEMARK)
 ZIRCALOY 2 (TRADEMARK)
 RT ALLOYING
 BIMETALS
 BINARY SYSTEMS (MATERIALS)
 EUTECTIC COMPOSITES
 EUTECTICS
 FERROUS METALS
 HARDENERS
 HEAT TREATMENT
 INTERMETALLICS
 KONDO EFFECT
 LIQUID PHASES
 METALLOGRAPHY
 METALLOIDS
 METALLURGY
 METALS
 MIXTURES
 PHASE DIAGRAMS
 POWDER METALLURGY
 PRECIPITATES
 RHEOCASTING
 SOLID SOLUTIONS
 STRESS RELIEVING
 TERNARY SYSTEMS

ALLUVIUM

GS SOILS
 ALLUVIUM
 RT CLAYS
 DELTAS
 FANS (LANDFORMS)
 FLOODS
 GRAVELS
 HYDROLOGY
 MUD
 RIVERS
 SANDS
 SEDIMENTARY ROCKS
 SEDIMENTS
 STREAMS
 WATER FLOW

ALLYL COMPOUNDS

RT CHEMICAL COMPOUNDS
 DIALLYL COMPOUNDS

ALMUCANTAR

USE ELEVATION ANGLE

ALOHA SYSTEM

GS COMMUNICATION NETWORKS
 ALOHA SYSTEM
 TELECOMMUNICATION
 MULTIPLE ACCESS
 ALOHA SYSTEM
 PACKET TRANSMISSION
 ALOHA SYSTEM
 TRANSMISSION
 SIGNAL TRANSMISSION
 DATA TRANSMISSION
 MULTIPLE ACCESS
 ALOHA SYSTEM
 PACKET TRANSMISSION
 ALOHA SYSTEM
 RT CHANNEL CAPACITY
 CHANNEL NOISE
 CODE DIVISION MULTIPLE ACCESS
 COMPUTER NETWORKS
 FREQUENCY DIVISION MULTIPLE ACCESS
 ACCESS
 PACKETS (COMMUNICATION)
 RANDOM ACCESS
 SATELLITE TRANSMISSION
 SYSTEMS
 TIME DIVISION MULTIPLE ACCESS
 TRANSMISSION EFFICIENCY
 VSAT (NETWORK)

ALOUETTE B SATELLITE

GS ARTIFICIAL SATELLITES
 ALOUETTE SATELLITES
 ALOUETTE B SATELLITE
 CANADIAN SPACECRAFT
 ALOUETTE SATELLITES
 ALOUETTE B SATELLITE
 RT ISIS-X

ALOUETTE HELICOPTERS

GS SUD AVIATION AIRCRAFT
 ALOUETTE HELICOPTERS
 SA-330 HELICOPTER
 SE-3160 HELICOPTER
 V/STOL AIRCRAFT

ALOUETTE HELICOPTERS--(cont.)

. . . . ROTARY WING AIRCRAFT
 HELICOPTERS
 ALOUETTE HELICOPTERS
 SA-330 HELICOPTER
 SE-3160 HELICOPTER
 RT AIRCRAFT

ALOUETTE PROJECT

GS PROGRAMS
 PROJECTS
 ALOUETTE PROJECT
 SPACE PROGRAMS
 CANADIAN SPACE PROGRAM
 ALOUETTE PROJECT
 RT COSMIC NOISE
 DATA ACQUISITION
 IONOSPHERIC SOUNDING
 ISIS-A

ALOUETTE SATELLITES

GS ARTIFICIAL SATELLITES
 ALOUETTE SATELLITES
 ALOUETTE B SATELLITE
 ALOUETTE 1 SATELLITE
 ALOUETTE 2 SATELLITE
 CANADIAN SPACECRAFT
 ALOUETTE SATELLITES
 ALOUETTE B SATELLITE
 ALOUETTE 1 SATELLITE
 ALOUETTE 2 SATELLITE
 RT ISIS SATELLITES

ALOUETTE 1 SATELLITE

UF S-27 SATELLITE
 GS ARTIFICIAL SATELLITES
 ALOUETTE SATELLITES
 ALOUETTE 1 SATELLITE
 CANADIAN SPACECRAFT
 ALOUETTE SATELLITES
 ALOUETTE 1 SATELLITE
 RT IONOSPHERIC SOUNDING

ALOUETTE 2 SATELLITE

GS ARTIFICIAL SATELLITES
 ALOUETTE SATELLITES
 ALOUETTE 2 SATELLITE
 ISIS SATELLITES
 ALOUETTE 2 SATELLITE
 CANADIAN SPACECRAFT
 ALOUETTE SATELLITES
 ALOUETTE 2 SATELLITE
 RT IONOSPHERIC SOUNDING

ALOUETTE 3 HELICOPTER

USE SE-3160 HELICOPTER

ALPHA DECAY

GS DECAY
 RADIOACTIVE DECAY
 ALPHA DECAY
 NUCLEAR REACTIONS
 RADIOACTIVE DECAY
 ALPHA DECAY
 RT FINE STRUCTURE
 SELECTION RULES (NUCLEAR PHYSICS)

ALPHA JET AIRCRAFT

GS ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
 ALPHA JET AIRCRAFT
 JET AIRCRAFT
 ALPHA JET AIRCRAFT
 TRAINING AIRCRAFT
 ALPHA JET AIRCRAFT
 RT AIRCRAFT
 MILITARY AIRCRAFT

ALPHA PARTICLES

SN (EMITTED BY NUCLEI)
 UF ALPHA RADIATION
 GS IONIZING RADIATION
 ALPHA PARTICLES
 PARTICLES
 ELEMENTARY PARTICLES
 BOSONS
 ALPHA PARTICLES
 NUCLEAR PARTICLES
 BOSONS
 ALPHA PARTICLES
 RT ALPHATRONS
 CORPUSCULAR RADIATION
 COSMIC RAYS
 DEUTERON IRRADIATION
 DEUTERONS

ALPHA PARTICLES--(cont.)

FLUX DENSITY
HELIUM
HELIUM IONS
IONS
NUCLEAR RADIATION
NUCLEONS
PROTONS
∞ RADIATION
RADIOACTIVITY
SOLAR WIND VELOCITY
TRITONS

ALPHA PLASMA DEVICES

GS PLASMA ACCELERATORS
RT ∞ **ALPHA PLASMA DEVICES**
DEVICES
HALL ACCELERATORS
MAGNETOHYDRODYNAMICS
PLASMA PHYSICS
PLASMAS (PHYSICS)

ALPHA RADIATION

USE ALPHA PARTICLES

ALPHABETS

RT ALPHANUMERIC CHARACTERS
CODING
LANGUAGES
SYMBOLS

ALPHANUMERIC CHARACTERS

GS **ALPHANUMERIC CHARACTERS**
DIGITS
.. BINARY DIGITS
RT ALPHABETS
INSTRUCTION SETS (COMPUTERS)
LIGHT EMITTING DIODES
∞ NUMBERS
SYMBOLS

ALPHATRONS

GS MEASURING INSTRUMENTS
PRESSURE GAGES
.. VACUUM GAGES
.. IONIZATION GAGES
.. **ALPHATRONS**
VACUUM APPARATUS
VACUUM GAGES
.. IONIZATION GAGES
.. **ALPHATRONS**
RT ALPHA PARTICLES

ALPINE METEOROLOGY

GS METEOROLOGY
.. **ALPINE METEOROLOGY**
RT AERONOMY
CLOUDS (METEOROLOGY)
NEPHANALYSIS
PRECIPITATION (METEOROLOGY)
STORMS (METEOROLOGY)
WEATHER
WIND (METEOROLOGY)

ALPS MOUNTAINS (EUROPE)

GS LANDFORMS
MOUNTAINS
.. **ALPS MOUNTAINS (EUROPE)**
RT AUSTRIA
EUROPE
ITALY
SWITZERLAND
WEST GERMANY

ALS (LAUNCH SYSTEM)

USE ADVANCED LAUNCH SYSTEM (STS)

ALSEP

USE APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE

ALTAIR ENGINE

USE X-248 ENGINE

ALTERATION

USE REVISIONS

ALTERNATING CURRENT

UF AC (CURRENT)
GS ELECTRIC CURRENT
.. **ALTERNATING CURRENT**
ELECTRICITY
.. **ALTERNATING CURRENT**
RT CURRENT CONVERTERS (AC TO DC)

ALTERNATING CURRENT--(cont.)

DIRECT CURRENT
INDUCTION MOTORS
INVERTED CONVERTERS (DC TO AC)
VOLTAGE CONVERTERS (AC TO AC)

ALTERNATING CURRENT GENERATORS

USE AC GENERATORS

ALTERNATING DIRECTION IMPLICIT METHODS

UF ADI METHODS
GS PROBLEM SOLVING
.. **ALTERNATING DIRECTION IMPLICIT METHODS**
RT DIFFERENTIAL EQUATIONS
NUMERICAL ANALYSIS
PARTIAL DIFFERENTIAL EQUATIONS

ALTERNATIONS

GS VARIATIONS
.. PERIODIC VARIATIONS
.. **ALTERNATIONS**
RT CYCLES
INTERVALS
RHYTHM (BIOLOGY)

ALTERNATIVES

RT OPTIONS
SUBSTITUTES
VARIATIONS

ALTERNATORS (GENERATORS)

USE AC GENERATORS

ALTIMETERS

GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
.. **ALTIMETERS**
.. LASER ALTIMETERS
.. RADIO ALTIMETERS
RT AIRCRAFT INSTRUMENTS
ALTIMETRY
ALTITUDE
APPROACH INDICATORS
ASTROLABES
BAROMETERS
FLIGHT INSTRUMENTS
HYPSONETERS
LANDING INSTRUMENTS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
POSITION INDICATORS
RANGE FINDERS
RATE OF CLIMB INDICATORS
SATELLITE ALTIMETRY

ALTIMETRY

GS **ALTIMETRY**
SATELLITE ALTIMETRY
RT ALTIMETERS
ALTITUDE
ELEVATION
GEODESY
GEOIDS
RADAR MEASUREMENT
TOPOGRAPHY

ALTITUDE

GS **ALTITUDE**
FLIGHT ALTITUDE
HIGH ALTITUDE
LOW ALTITUDE
MIDALTITUDE
SEA LEVEL
RT ALTIMETERS
ALTIMETRY
APEXES
AZIMUTH
DISTANCE
ELEVATION
ELEVATION ANGLE
HEIGHT
POSITION (LOCATION)

ALTITUDE ACCLIMATIZATION

GS ADAPTATION
ACCLIMATIZATION
.. **ALTITUDE ACCLIMATIZATION**
RT MOUNTAIN INHABITANTS

ALTITUDE CONTROL

RT ∞ CONTROL
LASER ALTIMETERS
LATERAL CONTROL

ALTITUDE CONTROL--(cont.)

LONGITUDINAL CONTROL
SPACING

ALTITUDE SICKNESS

GS SICKNESSES
.. **ALTITUDE SICKNESS**
RT AEROEMBOLISM
AEROSINUSITIS
AEROSPACE MEDICINE
DECOMPRESSION SICKNESS

ALTITUDE SIMULATION

UF SIMULATED ALTITUDE
SIMULATION
.. ENVIRONMENT SIMULATION
.. **ALTITUDE SIMULATION**
RT COMPUTERIZED SIMULATION
FLIGHT SIMULATION
HIGH ALTITUDE ENVIRONMENTS
HYPOBARIC ATMOSPHERES
LANDING SIMULATION
SPACE ENVIRONMENT SIMULATION
THERMAL SIMULATION
TRAINING DEVICES
VACUUM CHAMBERS

ALTITUDE TESTS

GS **ALTITUDE TESTS**
HIGH ALTITUDE TESTS
RT ENGINE TESTS
FLIGHT TESTS
FULL SCALE TESTS
HIGH ALTITUDE ENVIRONMENTS
TEST VEHICLES
∞ TESTS

ALTITUDE TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
.. **ALTITUDE TOLERANCE**
RT HIGH ALTITUDE BREATHING
HIGH ALTITUDE ENVIRONMENTS
HIGH ALTITUDE PRESSURE
HYPOBARIC ATMOSPHERES
LOW PRESSURE

ALU (COMPUTER COMPONENTS)

USE ARITHMETIC AND LOGIC UNITS

ALUM

GS ALUMINUM COMPOUNDS
.. **ALUM**
POTASSIUM COMPOUNDS
.. **ALUM**
SULFUR COMPOUNDS
.. SULFATES
.. **ALUM**

ALUMINA

USE ALUMINUM OXIDES

ALUMINATES

GS ALUMINUM COMPOUNDS
.. **ALUMINATES**
RT ALUMINUM OXIDES
∞ OXYGEN COMPOUNDS
SPINEL

ALUMINIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINIDES**
RT ALUMINUM ALLOYS
ALUMINUM COATINGS
HEAT RESISTANT ALLOYS
INTERMETALLICS
NICKEL ALLOYS
PROTECTIVE COATINGS
TITANIUM ALLOYS

ALUMINIZING

USE ALUMINUM COATINGS

ALUMINUM

GS CHEMICAL ELEMENTS
.. **ALUMINUM**
.. ALUMINUM ISOTOPES
.. ALUMINUM 26
.. ALUMINUM 27
METALS
.. **ALUMINUM**
.. ALUMINUM ISOTOPES
.. ALUMINUM 26
.. ALUMINUM 27
RT ALUMINUM ALLOYS

ALUMINUM--(cont.)

BORAL
BORSIC (TRADENAME)
CRYOLITE
DAWSONITE
POWDERED ALUMINUM
REACTION BONDING
SIALON
SINTERED ALUMINUM POWDER

ALUMINUM ALLOYS

GS ALLOYS
.. LIGHT ALLOYS
.. **ALUMINUM ALLOYS**
.. ALUMINUM-LITHIUM ALLOYS
RT ALUMINIDES
ALUMINUM
BEARING ALLOYS
GALLIUM ALLOYS
INDIUM ALLOYS
LAMELLA (METALLURGY)
LITHIUM ALLOYS
SILICON ALLOYS
VANADIUM ALLOYS

ALUMINUM ANTIMONIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM ANTIMONIDES**
ANTIMONY COMPOUNDS
.. ANTIMONIDES
.. **ALUMINUM ANTIMONIDES**

ALUMINUM ARSENIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM ARSENIDES**
ARSENIC COMPOUNDS
.. ARSENIDES
.. **ALUMINUM ARSENIDES**
RT SEMICONDUCTORS (MATERIALS)

ALUMINUM BOROHYDRIDES

GS ALUMINUM COMPOUNDS
.. ALUMINUM HYDRIDES
.. **ALUMINUM BOROHYDRIDES**
BORON COMPOUNDS
.. BOROHYDRIDES
.. **ALUMINUM BOROHYDRIDES**
.. BORON HYDRIDES
.. **ALUMINUM BOROHYDRIDES**
HYDROGEN COMPOUNDS
.. HYDRIDES
.. BOROHYDRIDES
.. **ALUMINUM BOROHYDRIDES**
.. BORON HYDRIDES
.. **ALUMINUM BOROHYDRIDES**
.. METAL HYDRIDES
.. ALUMINUM HYDRIDES
.. **ALUMINUM BOROHYDRIDES**

ALUMINUM BORON COMPOSITES

GS COMPOSITE MATERIALS
.. BORON REINFORCED MATERIALS
.. **ALUMINUM BORON COMPOSITES**
.. METAL MATRIX COMPOSITES
.. **ALUMINUM BORON COMPOSITES**
RT BORON FIBERS
FIBER COMPOSITES

ALUMINUM CARBIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM CARBIDES**
CARBON COMPOUNDS
.. CARBIDES
.. **ALUMINUM CARBIDES**

ALUMINUM CHLORIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM CHLORIDES**
HALOGEN COMPOUNDS
.. CHLORINE COMPOUNDS
.. CHLORIDES
.. **ALUMINUM CHLORIDES**
.. HALIDES
.. CHLORIDES
.. **ALUMINUM CHLORIDES**
.. METAL HALIDES
.. **ALUMINUM CHLORIDES**

ALUMINUM COATINGS

UF ALUMINIZING
GS COATINGS
.. METAL COATINGS
.. **ALUMINUM COATINGS**
RT ALUMINIDES

ALUMINUM COMPOUNDS

GS **ALUMINUM COMPOUNDS**
.. ALUM
.. ALUMINATES
.. ALUMINIDES
.. ALUMINUM ANTIMONIDES
.. ALUMINUM ARSENIDES
.. ALUMINUM CARBIDES
.. ALUMINUM CHLORIDES
.. ALUMINUM FLUORIDES
.. ALUMINUM HYDRIDES
.. ALUMINUM BOROHYDRIDES
.. ALUMINUM NITRIDES
.. ALUMINUM OXIDES
.. ALEXANDRITE
.. SAPPHIRE
.. ALUMINUM PERCHLORATES
.. ALUMINUM SILICATES
.. ANDESITE
.. GEHLENITE
.. KAOLINITE
.. MONTMORILLONITE
.. PYROPHYLLITE
.. BERYL
.. ALEXANDRITE
.. CORDIERITE
.. CRYOLITE
.. FELDSPARS
.. LITHIUM ALUMINUM HYDRIDES
.. MUSCOVITE
.. NEPHELINE
.. NEPHELITE
.. ORGANIC ALUMINUM COMPOUNDS
.. SPODUMENE
.. TOURMALINE
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 ∞ METAL COMPOUNDS
.. METAL FUELS
.. METAL PROPELLANTS

ALUMINUM FLUORIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM FLUORIDES**
HALOGEN COMPOUNDS
.. FLUORINE COMPOUNDS
.. FLUORIDES
.. METAL FLUORIDES
.. **ALUMINUM FLUORIDES**

ALUMINUM GALLIUM ARSENIDE LASERS

GS ELECTRONIC EQUIPMENT
.. SOLID STATE DEVICES
.. SEMICONDUCTOR DEVICES
.. SEMICONDUCTOR LASERS
.. **ALUMINUM GALLIUM ARSENIDE LASERS**
.. SOLID STATE LASERS
.. **ALUMINUM GALLIUM ARSENIDE LASERS**
.. STIMULATED EMISSION DEVICES
.. LASERS
.. SEMICONDUCTOR LASERS
.. **ALUMINUM GALLIUM ARSENIDE LASERS**
.. SOLID STATE LASERS
.. **ALUMINUM GALLIUM ARSENIDE LASERS**
RT GALLIUM ARSENIDE LASERS
INJECTION LASERS
WAVEGUIDE LASERS

ALUMINUM GALLIUM ARSENIDES

UF ALGAS
GS ARSENIC COMPOUNDS
.. ARSENIDES
.. GALLIUM ARSENIDES
.. **ALUMINUM GALLIUM ARSENIDES**
GALLIUM COMPOUNDS
.. GALLIUM ARSENIDES
.. **ALUMINUM GALLIUM ARSENIDES**
RT MODFETS
NEGATIVE RESISTANCE DEVICES

ALUMINUM GRAPHITE COMPOSITES

GS COMPOSITE MATERIALS
.. METAL MATRIX COMPOSITES
.. **ALUMINUM GRAPHITE COMPOSITES**
RT FIBER COMPOSITES
GRAPHITE

ALUMINUM HYDRIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM HYDRIDES**
.. ALUMINUM BOROHYDRIDES

ALUMINUM HYDRIDES--(cont.)

HYDROGEN COMPOUNDS
.. HYDRIDES
.. METAL HYDRIDES
.. **ALUMINUM HYDRIDES**
.. ALUMINUM BOROHYDRIDES

ALUMINUM ISOTOPES

GS CHEMICAL ELEMENTS
.. ALUMINUM
.. **ALUMINUM ISOTOPES**
.. ALUMINUM 26
.. ALUMINUM 27
.. NUCLIDES
.. ISOTOPES
.. **ALUMINUM ISOTOPES**
.. ALUMINUM 26
.. ALUMINUM 27
METALS
.. ALUMINUM
.. **ALUMINUM ISOTOPES**
.. ALUMINUM 26
.. ALUMINUM 27

ALUMINUM NITRIDES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM NITRIDES**
NITROGEN COMPOUNDS
.. NITRIDES
.. METAL NITRIDES
.. **ALUMINUM NITRIDES**

ALUMINUM OXIDES

UF ALUMINA
CORUNDUM
GS ALUMINUM COMPOUNDS
.. **ALUMINUM OXIDES**
.. ALEXANDRITE
.. SAPPHIRE
.. CHALCOGENIDES
.. OXIDES
.. METAL OXIDES
.. **ALUMINUM OXIDES**
.. SAPPHIRE
RT ABRASIVES
ALUMINATES
BAUXITE
ENERGY ABSORPTION FILMS
GEHLENITE
KAOLINITE
PYROPHYLLITE
RUBY
THERMITES

ALUMINUM PERCHLORATES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM PERCHLORATES**
HALOGEN COMPOUNDS
.. CHLORINE COMPOUNDS
.. PERCHLORATES
.. **ALUMINUM PERCHLORATES**

ALUMINUM SILICATES

GS ALUMINUM COMPOUNDS
.. **ALUMINUM SILICATES**
.. ANDESITE
.. GEHLENITE
.. KAOLINITE
.. MONTMORILLONITE
.. PYROPHYLLITE
.. SILICON COMPOUNDS
.. SILICATES
.. **ALUMINUM SILICATES**
.. ANDESITE
.. GEHLENITE
.. KAOLINITE
.. MONTMORILLONITE
.. PYROPHYLLITE
RT MINERALS
MULLITES

ALUMINUM 26

GS CHEMICAL ELEMENTS
.. ALUMINUM
.. ALUMINUM ISOTOPES
.. **ALUMINUM 26**
.. NUCLIDES
.. ISOTOPES
.. ALUMINUM ISOTOPES
.. **ALUMINUM 26**
METALS
.. ALUMINUM
.. ALUMINUM ISOTOPES
.. **ALUMINUM 26**

ALUMINUM 27

GS CHEMICAL ELEMENTS
 . ALUMINUM
 . . ALUMINUM ISOTOPES
 . . . **ALUMINUM 27**
 . . . NUCLIDES
 . . . ISOTOPES
 . . . ALUMINUM ISOTOPES
 **ALUMINUM 27**
 METALS
 . ALUMINUM
 . . ALUMINUM ISOTOPES
 . . . **ALUMINUM 27**

ALUMINUM-LITHIUM ALLOYS

GS ALLOYS
 . LIGHT ALLOYS
 . . ALUMINUM ALLOYS
 . . . **ALUMINUM-LITHIUM ALLOYS**
 . . . LITHIUM ALLOYS
 **ALUMINUM-LITHIUM ALLOYS**
 RT AIRCRAFT CONSTRUCTION MATERIALS
 AIRFRAME MATERIALS
 ALLOYING
 COPPER ALLOYS
 HIGH STRENGTH ALLOYS
 MAGNESIUM ALLOYS

ALVEOLAR AIR

GS GASES
 . GAS MIXTURES
 . . AIR
 . . . **ALVEOLAR AIR**
 MIXTURES
 . SOLUTIONS
 . . GAS MIXTURES
 . . . AIR
 **ALVEOLAR AIR**
 RT EXHALATION
 EXPIRED AIR
 LUNGS

ALVEOLI

GS ANATOMY
 . RESPIRATORY SYSTEM
 . . LUNGS
 . . . **ALVEOLI**
 RT LUNG MORPHOLOGY
 PULMONARY CIRCULATION
 PULMONARY FUNCTIONS
 RESPIRATION

AM (MODULATION)

USE AMPLITUDE MODULATION

AMALGAMS

USE MERCURY AMALGAMS

AMALTHEA

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . JUPITER SATELLITES
 . . . **AMALTHEA**
 RT JUPITER (PLANET)
 SOLAR SYSTEM

AMAZON REGION (SOUTH AMERICA)

GS REGIONS
 . TROPICAL REGIONS
 . . **AMAZON REGION (SOUTH AMERICA)**
 RT BRAZIL
 FORESTS
 RIVER BASINS
 RIVERS

AMBERLITE (TRADEMARK)

RT ASBESTOS
 THERMAL INSULATION

AMBIENCE

RT ACOUSTIC MEASUREMENT
 ENVIRONMENTAL MONITORING
 ENVIRONMENTS
 NOISE (SOUND)
 POLLUTION MONITORING

AMBIENT TEMPERATURE

UF ENVIRONMENTAL TEMPERATURE
 GS TEMPERATURE
 . **AMBIENT TEMPERATURE**
 RT ATMOSPHERIC TEMPERATURE
 OPERATING TEMPERATURE
 ROOM TEMPERATURE
 SATELLITE TEMPERATURE

AMBIGUITY

RT INTELLIGIBILITY
 POSITIONING

AMBIPOLAR DIFFUSION

GS DIFFUSION
 . **AMBIPOLAR DIFFUSION**
 RT ELECTRON DIFFUSION
 ELECTRON MOBILITY
 IONIC DIFFUSION
 IONIC MOBILITY
 PLASMA DIFFUSION

AMBIT

USE FIELD THEORY (PHYSICS)

AMBULANCES

RT MEDICAL SERVICES
 . MILITARY VEHICLES
 SAFETY DEVICES

AMERICAN INDIANS

RT ANTHROPOLOGY
 CULTURE (SOCIAL SCIENCES)
 ETHNIC FACTORS
 MINORITIES
 RACES (ANTHROPOLOGY)

AMERICIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **AMERICIUM**
 AMERICIUM ISOTOPES
 AMERICIUM 241
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 **AMERICIUM**
 AMERICIUM ISOTOPES
 AMERICIUM 241
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . **AMERICIUM**
 AMERICIUM ISOTOPES
 AMERICIUM 241

AMERICIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 **AMERICIUM ISOTOPES**
 AMERICIUM 241
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 AMERICIUM
 **AMERICIUM ISOTOPES**
 AMERICIUM 241
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 **AMERICIUM ISOTOPES**
 AMERICIUM 241

AMERICIUM 241

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 AMERICIUM ISOTOPES
 **AMERICIUM 241**
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 **AMERICIUM 241**
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 AMERICIUM ISOTOPES
 **AMERICIUM 241**

AMIDASE

GS BIOPOLYMERS
 . PROTEINS
 . . ENZYMES

AMIDASE--(cont.)

. . . **AMIDASE**
 ORGANIC COMPOUNDS
 . PROTEINS
 . . ENZYMES
 . . . **AMIDASE**
 RT AMINO ACIDS

AMIDES

GS NITROGEN COMPOUNDS
 . **AMIDES**
 . . ACETANILIDE
 . . ACETAZOLAMIDE
 . . CARBAMIDES
 . . CYANAMIDES
 . . FORMHYDROXAMIC ACID
 . . NICOTINAMIDE
 . . OXAMIC ACIDS
 . . POLYIMIDES
 . . BISMALDEIMIDE
 . . SUCCINIMIDES
 . . UREAS
 . . . DIFLUOROUREA
 . . . THIOUREAS
 . . . THIUORIUM
 RT IMIDES

AMINES

GS **AMINES**
 . AMINOPHYLLINE
 . AMPHETAMINES
 . . METHAMPHETAMINE
 . . ANILINE
 . . CATECHOLAMINE
 . . EPINEPHRINE
 . . NOREPINEPHRINE
 . . CYSTEAMINE
 . . DIAMINES
 . . ETHYLENEDIAMINE
 . . GUANIDINES
 . . GUANETHIDINE
 . . TRIAMINOQUANIDINIUM AZIDE
 . . DIFLUOROUREA
 . . DIMENHYDRINATE
 . . DIMETHYLHYDRAZINES
 . . DIPHENYL HYDANTOIN
 . . ERGOTAMINE
 . . FLUOROAMINES
 . . NITROFLUORAMINES
 . . TRIFLUOROAMINE OXIDE
 . . GALLAMINE TRIETHIODIDE
 . . HEXAMETHYLENETETRAMINE
 . . HISTIDINE
 . . HYDROXYLAMINE SULFATE
 . . HYOSCINE
 . . MECAMYLAMINE
 . . MELAMINE
 . . METHYLENE DIAMINE
 . . MONOETHANOLAMINE (MEA)
 . . NITROAMINES
 . . NITROSAMINE
 . . PROMETHAZINE
 . . TETRAFLUOROHYDRAZINE
 . . TETRYL
 . . THIUORIUM
 . . TRINITRAMINE
 . . TRYPTAMINES
 . . SEROTONIN
 RT . . ALIPHATIC COMPOUNDS
 HISTAMINES
 HYDRAZINES
 HYDROCARBON FUELS
 IMINES
 LEWIS BASE
 NITROSYLS
 PHENOLIC EPOXY RESINS
 RHODAMINE

AMINO ACIDS

GS ACIDS
 . **AMINO ACIDS**
 . . ALANINE
 . . . PHENYLALANINE
 . . ASPARTIC ACID
 . . CYSTEINE
 . . DOPA
 . . FOLIC ACID
 . . GLUTAMIC ACID
 . . GLUTAMINE
 . . GLYCINE
 . . HIPPURIC ACID
 . . HISTIDINE
 . . LEUCINE
 . . . NORLEUCINE
 . . LYSINE

AMINO ACIDS--(cont.)

.. MELANOIDIN
.. METHIONINE
.. THYROXINE
.. TRYPTOPHAN
.. TYROSINE
ORGANIC COMPOUNDS

AMINO ACIDS

.. ALANINE
.. PHENYLALANINE
.. ASPARTIC ACID
.. CYSTEINE
.. DOPA
.. FOLIC ACID
.. GLUTAMIC ACID
.. GLUTAMINE
.. GLYCINE
.. HIPPURIC ACID
.. HISTIDINE
.. LEUCINE
.. NORLEUCINE
.. LYSINE
.. MELANOIDIN
.. METHIONINE
.. THYROXINE
.. TRYPTOPHAN
.. TYROSINE

RT ADENOSINE TRIPHOSPHATE
ADRENOCORTICOTROPIN (ACTH)
AMIDASE
ASPARTATES
CYCLIC AMP
CYSTEAMINE
LIPIDS
PEPTIDES
POLYPEPTIDES
PROTOPROTEINS
SYNTHETIC FOOD
URIDYLIC ACID

AMINO RADICAL

GS HYDROGEN COMPOUNDS
.. HYDRIDES
.. NITROGEN HYDRIDES
.. **AMINO RADICAL**
NITROGEN COMPOUNDS
.. NITROGEN HYDRIDES
.. **AMINO RADICAL**
RADICALS
.. **AMINO RADICAL**
RT AMMONIA
ANIONS
FREE RADICALS
MOLECULAR IONS
REACTION KINETICS

AMINOPHYLLINE

GS AMINES
.. **AMINOPHYLLINE**
DIURETICS
.. **AMINOPHYLLINE**
DRUGS
.. **AMINOPHYLLINE**
RT STIMULANTS

AMMETERS

GS MEASURING INSTRUMENTS
.. **AMMETERS**
.. MICROMILLIAMMETERS
.. THERMOELEMENT AMMETERS
RT COULOMETERS
ELECTRIC CURRENT
ELECTRICAL MEASUREMENT
GALVANOMETERS
VOLTMETERS

AMMINES

RT AMMONIA
.. CHEMICAL COMPOUNDS
COPPER
INTERMETALLICS
.. METAL COMPOUNDS

AMMONIA

GS GASES
.. **AMMONIA**
.. LIQUID AMMONIA
INORGANIC COMPOUNDS
.. **AMMONIA**
.. LIQUID AMMONIA
NITROGEN COMPOUNDS
.. **AMMONIA**
.. LIQUID AMMONIA
RT ABSORPTION COOLING
AMINO RADICAL

AMMONIA--(cont.)

AMMINES
AMMONIUM COMPOUNDS
AMMONOLYSIS
ATMOSPHERIC ENERGY SOURCES
CULTIVATION
FERTILIZERS
KJELDAHL METHOD
NITROGEN HYDRIDES
REFRIGERANTS

AMMONIUM BROMIDES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM BROMIDES**
HALOGEN COMPOUNDS
.. BROMINE COMPOUNDS
.. BROMIDES
.. **AMMONIUM BROMIDES**
.. HALIDES
.. BROMIDES
.. **AMMONIUM BROMIDES**

AMMONIUM CHLORIDES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM CHLORIDES**
HALOGEN COMPOUNDS
.. CHLORINE COMPOUNDS
.. CHLORIDES
.. **AMMONIUM CHLORIDES**
.. HALIDES
.. CHLORIDES
.. **AMMONIUM CHLORIDES**

AMMONIUM COMPOUNDS

GS **AMMONIUM COMPOUNDS**
.. AMMONIUM BROMIDES
.. AMMONIUM CHLORIDES
.. AMMONIUM NITRATES
.. AMMONIUM PERCHLORATES
.. AMMONIUM PHOSPHATES
.. AMMONIUM PICRATES
.. AMMONIUM SULFATES
.. HYDROXYLAMMONIUM PERCHLORATES
RT AMMONIA
.. CHEMICAL COMPOUNDS
HEXAMETHONIUM

AMMONIUM NITRATES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM NITRATES**
NITROGEN COMPOUNDS
.. NITRATES
.. INORGANIC NITRATES
.. **AMMONIUM NITRATES**
RT CULTIVATION
FERTILIZERS

AMMONIUM PERCHLORATES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM PERCHLORATES**
HALOGEN COMPOUNDS
.. CHLORINE COMPOUNDS
.. PERCHLORATES
.. **AMMONIUM PERCHLORATES**
RT SOLID ROCKET PROPELLANTS

AMMONIUM PHOSPHATES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM PHOSPHATES**
PHOSPHORUS COMPOUNDS
.. PHOSPHATES
.. **AMMONIUM PHOSPHATES**

AMMONIUM PICRATES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM PICRATES**
NITROGEN COMPOUNDS
.. NITRO COMPOUNDS
.. PICRATES
.. **AMMONIUM PICRATES**
RT EXPLOSIVES

AMMONIUM SULFATES

GS AMMONIUM COMPOUNDS
.. **AMMONIUM SULFATES**
SULFUR COMPOUNDS
.. SULFATES
.. **AMMONIUM SULFATES**

AMMONOLYSIS

GS CHEMICAL REACTIONS
.. **AMMONOLYSIS**
DECOMPOSITION
.. **AMMONOLYSIS**

AMMONOLYSIS--(cont.)

RT AMMONIA
CRACKING (CHEMICAL ENGINEERING)
HYDROLYSIS

AMMUNITION

GS **AMMUNITION**
.. INCENDIARY AMMUNITION
RT BLANKS
BOMBS (ORDNANCE)
CASE BONDED PROPELLANTS
EXPLOSIVE DEVICES
EXPLOSIVES
FUSES (ORDNANCE)
GRENADES
GUNS (ORDNANCE)
IGNITERS
MAGAZINES (SUPPLY CHAMBERS)
MINES (ORDNANCE)
MISSILES
ORDNANCE
PROJECTILES
PROPELLANTS
PYROTECHNICS
.. ROCKETS
.. SHAPED CHARGES
.. SHOT
.. TORPEDOES
.. TRACERS
.. WARHEADS
WEAPONS

AMOBARBITAL

GS ACIDS
.. **AMOBARBITAL**
RT CENTRAL NERVOUS SYSTEM
DEPRESSANTS

AMOEBA

GS ANIMALS
.. PROTOZOA
.. **AMOEBA**
.. PELOMYXA
MICROORGANISMS
.. PROTOZOA
.. **AMOEBA**
.. PELOMYXA
RT PARASITIC DISEASES

AMOOS

USE AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE

AMOR ASTEROID

UF MINOR PLANET 1221
GS CELESTIAL BODIES
.. ASTEROID BELTS
.. ASTEROIDS
.. **AMOR ASTEROID**
RT ASTRONOMY
JUPITER (PLANET)
MARS (PLANET)
PLANETARY ORBITS
SOLAR SYSTEM

AMORPHOUS MATERIALS

GS **AMORPHOUS MATERIALS**
.. AMORPHOUS SILICON
RT ASPHALT
CRYSTALLINITY
GLASS
GRAPHOEPIITAXY
GROUT
.. MATERIALS
SPIN GLASS

AMORPHOUS SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
.. **AMORPHOUS SEMICONDUCTORS**
.. AMORPHOUS SILICON
RT SEMICONDUCTING FILMS

AMORPHOUS SILICON

GS AMORPHOUS MATERIALS
.. **AMORPHOUS SILICON**
CHEMICAL ELEMENTS
.. METALLOIDS
.. SILICON
.. **AMORPHOUS SILICON**
SEMICONDUCTORS (MATERIALS)
.. AMORPHOUS SEMICONDUCTORS
.. **AMORPHOUS SILICON**
RT DIAMOND FILMS
PHOTOVOLTAIC CELLS
SEMICONDUCTING FILMS

AMORPHOUS SILICON--(cont.)

SILICON FILMS
SILICON JUNCTIONS
SOLAR CELLS
THIN FILMS

AMOUNT

UF QUANTITY
RT ADDITION
SUMS
VALUE

AMPERAGE

USE ELECTRIC CURRENT

AMPHETAMINES

GS AMINES
. AMPHETAMINES
. METHAMPHETAMINE
RT CENTRAL NERVOUS SYSTEM
STIMULANTS

AMPHIBIA

GS ANIMALS
. VERTEBRATES
. AMPHIBIA
. . . FROGS
RT POIKILOthermia

AMPHIBIOUS AIRCRAFT

GS AMPHIBIOUS VEHICLES
. AMPHIBIOUS AIRCRAFT
RT ∞ AIRCRAFT
SEAPLANES
WATER TAKEOFF AND LANDING
AIRCRAFT

AMPHIBIOUS VEHICLES

GS AMPHIBIOUS VEHICLES
. AMPHIBIOUS AIRCRAFT
RT BOATS
∞ MILITARY VEHICLES
SEAPLANES
SHIPS
SURFACE VEHICLES
∞ VEHICLES
WATER VEHICLES

AMPHIBOLES

GS MINERALS
. AMPHIBOLES
RT CALCIUM SILICATES
SILICATES

AMPHITRITE ASTEROID

GS CELESTIAL BODIES
. ASTEROID BELTS
. . . ASTEROIDS
. . . AMPHITRITE ASTEROID
RT GALILEO PROJECT

AMPLIDYNES

GS ELECTRIC GENERATORS
. ROTATING GENERATORS
. . . AMPLIDYNES
RT AMPLIFIERS
ELECTRIC MOTORS
POWER AMPLIFIERS
SERVOMOTORS

AMPLIFICATION

UF AMPLIFICATION FACTOR
GAIN (AMPLIFICATION)
INTENSIFICATION
GS AMPLIFICATION
. POWER GAIN
. SOUND AMPLIFICATION
. WAVE AMPLIFICATION
RT AMPLIFIERS
AMPLITUDES
DYNAMIC CHARACTERISTICS
DYNAMIC RANGE
DYNAMIC RESPONSE
FLUID AMPLIFIERS
FLUIDICS
HIGH GAIN
MAGNIFICATION
POSITIVE FEEDBACK
SENSITIVITY
STABILITY
TRANSFER FUNCTIONS
TRANSIENT RESPONSE

AMPLIFICATION FACTOR

USE AMPLIFICATION

AMPLIFIER DESIGN

RT AMPLIFIERS
COMPUTER AIDED DESIGN
∞ DESIGN
LOGIC DESIGN
OPERATIONAL AMPLIFIERS
PRODUCT DEVELOPMENT
TRAVELING WAVE AMPLIFIERS

AMPLIFIERS

UF ELECTRONIC AMPLIFIERS
GS AMPLIFIERS
. BEAM PLASMA AMPLIFIERS
. BROADBAND AMPLIFIERS
. CARCINOTRONS
. CURRENT AMPLIFIERS
. . . PHOTOMULTIPLIER TUBES
. . . FREQUENCY MODULATION
PHOTOMULTIPLIERS
. DIFFERENTIAL AMPLIFIERS
. DISTRIBUTED AMPLIFIERS
. FEEDBACK AMPLIFIERS
. FLUID AMPLIFIERS
. JET AMPLIFIERS
. INTERMEDIATE FREQUENCY
AMPLIFIERS
. LIGHT AMPLIFIERS
. LIMITER AMPLIFIERS
. LINEAR AMPLIFIERS
. MAGNETIC AMPLIFIERS
. MAGNETOSTATIC AMPLIFIERS
. MICROWAVE AMPLIFIERS
. . . CROSSED FIELD AMPLIFIERS
. . . CYCLOTRON RESONANCE DEVICES
. . . PLANOTRONS
. OPERATIONAL AMPLIFIERS
. PARAMETRIC AMPLIFIERS
. POSTAMPLIFIERS
. POWER AMPLIFIERS
. PREAMPLIFIERS
. PUSH-PULL AMPLIFIERS
. SERVOAMPLIFIERS
. TRANSISTOR AMPLIFIERS
. TRAVELING WAVE AMPLIFIERS
. VOLTAGE AMPLIFIERS
RT AMPLIDYNES
AMPLIFICATION
AMPLIFIER DESIGN
∞ BOOSTERS
CAPACITORS
CIRCUITS
DYNAMIC RANGE
∞ ELECTRIC CELLS
ELECTRIC CHOPPERS
IMAGE INTENSIFIERS
INTENSIFIERS
KLYSTRONS
LASER CAVITIES
LASERS
LINEAR CIRCUITS
MASERS
MODULATORS
MULTIVIBRATORS
OSCILLATORS
QUANTUM AMPLIFIERS
RECEIVERS
REPEATERS
SOLID STATE DEVICES
STIMULATED EMISSION DEVICES
TRANSFORMERS
TRAVELING WAVE MASERS

AMPLITRONS (TRADEMARK)

USE PLANOTRONS

AMPLITUDE DISTRIBUTION ANALYSIS

UF AMPLITUDE PROBABILITY ANALYSIS
STATISTICAL ANALYSIS
GS . AMPLITUDE DISTRIBUTION ANALYSIS
RT PHOTOPEAK
PULSE AMPLITUDE
SIGNAL TO NOISE RATIOS
SIGNATURES

AMPLITUDE MODULATION

UF AM (MODULATION)
CODING
GS . SIGNAL ENCODING
. . . AMPLITUDE MODULATION
. . . QUADRATURE AMPLITUDE
MODULATION
MODULATION

AMPLITUDE MODULATION--(cont.)

. AMPLITUDE MODULATION
. . QUADRATURE AMPLITUDE
MODULATION
RT BRAGG CELLS
DEMODULATION
DEMODULATORS
FREQUENCY MODULATION
LIGHT MODULATION
MODULATORS
P.A.C.M. TELEMETRY
PHASE MODULATION
PULSE MODULATION
SINGLE SIDEBAND TRANSMISSION

AMPLITUDE PROBABILITY ANALYSIS

USE AMPLITUDE DISTRIBUTION ANALYSIS

AMPLITUDES

GS AMPLITUDES
. PULSE AMPLITUDE
. SCATTERING AMPLITUDE
RT AMPLIFICATION
CYCLES
DIMENSIONS
DISPLACEMENT
FREQUENCIES
∞ INTENSITY
LEVEL (QUANTITY)
MAGNITUDE
OSCILLATIONS
PHASE DEVIATION
PICOSECOND PULSES
PULSES
STANDING WAVE RATIOS
VIBRATION

AMPOULES

RT ∞ CONTAINERS
LABORATORY EQUIPMENT
VACUUM SYSTEMS

AMPS (SATELLITE PAYLOAD)

UF ATMOSPHERIC AND MAGNETOSPHERIC
PAYLOAD
GS PLASMA-IN-SPACE PAYLOAD
MEASURING INSTRUMENTS
. SATELLITE-BORNE INSTRUMENTS
. . AMPS (SATELLITE PAYLOAD)
PAYLOADS
. SPACELAB PAYLOADS
. . AMPS (SATELLITE PAYLOAD)
RT INSTRUMENT PACKAGES

AMPTE (SATELLITES)

SN (ACTIVE MAGNETOSPHERIC PARTICLE
TRACER EXPLORERS)
UF ACTIVE MAGNETO PARTICLE TRACER
EXPLORERS
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . AMPTE (SATELLITES)
RT EARTH MAGNETOSPHERE
EUROPEAN SPACE PROGRAMS
SATELLITE-BORNE INSTRUMENTS
SOLAR WIND
SPACE PLASMAS
SPACEBORNE EXPERIMENTS

AMTV

USE AUTOMATED MIXED TRAFFIC VEHICLES

AN-2 AIRCRAFT

GS ANTONOV AIRCRAFT
. AN-2 AIRCRAFT
JET AIRCRAFT
. AN-2 AIRCRAFT
MONOPLANES
. AN-2 AIRCRAFT
TRANSPORT AIRCRAFT
. AN-2 AIRCRAFT
RT ∞ AIRCRAFT

AN-22 AIRCRAFT

UF ANTHEUS AIRCRAFT
ANTONOV AN-22 AIRCRAFT
COCK AIRCRAFT
GS ANTONOV AIRCRAFT
. AN-22 AIRCRAFT
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. . AN-22 AIRCRAFT
MONOPLANES
. AN-22 AIRCRAFT
TRANSPORT AIRCRAFT

AN-22 AIRCRAFT--(cont.)

- . **AN-22 AIRCRAFT**
- RT ∞ AIRCRAFT
- PASSENGER AIRCRAFT

AN-24 AIRCRAFT

- UF ANTONOV AN-24 AIRCRAFT
- COKE AIRCRAFT
- GS ANTONOV AIRCRAFT
- . **AN-24 AIRCRAFT**
- JET AIRCRAFT
- . TURBOPROP AIRCRAFT
- . **AN-24 AIRCRAFT**
- MONOPLANES
- . **AN-24 AIRCRAFT**
- TRANSPORT AIRCRAFT
- . **AN-24 AIRCRAFT**
- RT ∞ AIRCRAFT
- PASSENGER AIRCRAFT

ANABAENA

- GS PLANTS (BOTANY)
- . ALGAE
- . BLUE GREEN ALGAE
- . **ANABAENA**

ANAEROBES

- RT AEROBES
- BACTERIA
- MICROORGANISMS
- SEWAGE TREATMENT

ANALGESIA

- RT ANESTHESIA
- DRUGS
- PAIN

ANALOG CIRCUITS

- GS CIRCUITS
- . **ANALOG CIRCUITS**
- DATA CONVERTERS
- OPERATIONAL AMPLIFIERS
- RHEOELECTRICAL SIMULATION

ANALOG COMPUTERS

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . **ANALOG COMPUTERS**
- . EAI 680 COMPUTER
- . HONEYWELL 600/6000 COMPUTER
- . SIGMA 5 COMPUTER
- . UNIVAC 1100 SERIES COMPUTERS
- RT DIFFERENTIAL AMPLIFIERS
- DIFFERENTIAL ANALYZERS
- DIGITAL COMPUTERS
- DISCRIMINATORS
- FUNCTIONAL INTEGRATION
- HYBRID COMPUTERS
- MISSILE CONTROL
- OPERATIONAL AMPLIFIERS
- RESOLVERS
- SIGNAL ANALYZERS
- SPECTRAL RESOLUTION

ANALOG DATA

- RT BINARY DATA
- ∞ DATA
- DATA CONVERTERS
- DATA PROCESSING
- DIGITAL DATA
- ∞ MEASUREMENT
- VIDEO DATA

ANALOG SIMULATION

- GS MODELS
- . MATHEMATICAL MODELS
- . **ANALOG SIMULATION**
- SIMULATION
- . COMPUTERIZED SIMULATION
- . **ANALOG SIMULATION**
- RT COMPUTER SYSTEMS SIMULATION
- DIGITAL SIMULATION
- FLIGHT SIMULATION
- RHEOELECTRICAL SIMULATION
- SYSTEMS SIMULATION

ANALOG TO DIGITAL CONVERTERS

- UF DIGITIZERS
- GS DATA CONVERTERS
- . **ANALOG TO DIGITAL CONVERTERS**
- CODERS
- CODING
- ∞ CONVERTERS
- DATA ACQUISITION

ANALOG TO DIGITAL CONVERTERS--(cont.)

- DIGITAL COMPUTERS
- DIGITAL ELECTRONICS
- DIGITAL SYSTEMS
- DIGITAL TO ANALOG CONVERTERS
- ILLIAC 3 COMPUTER
- ILLIAC 4 COMPUTER
- PERIPHERAL EQUIPMENT (COMPUTERS)
- PLOTTING

ANALOGIES

- UF SIMILARITIES
- GS **ANALOGIES**
- . HYDRAULIC ANALOGIES
- RT COMPARISON
- HOMOLOGY
- SIMULATION

ANALOGS

- RT MODELS
- SIMULATORS

ANALYSIS

- USE ANALYZING

ANALYSIS (MATHEMATICS)

- GS **ANALYSIS (MATHEMATICS)**
- . APERIODIC FUNCTIONS
- . CALCULUS
- . CONTINUITY (MATHEMATICS)
- . DIFFERENTIAL CALCULUS
- . FOURIER-BESSEL TRANSFORMATIONS
- . GRAEFF CALCULUS
- . INTEGRAL CALCULUS
- . LIMITS (MATHEMATICS)
- . SERIES (MATHEMATICS)
- . ASYMPTOTIC SERIES
- . CAMPBELL-HAUSDORFF SERIES
- . COSINE SERIES
- . FOURIER SERIES
- . PADE APPROXIMATION
- . POWER SERIES
- . TAYLOR SERIES
- . MACLAURIN SERIES
- . PROGRESSIONS
- . PRONY SERIES
- . SINE SERIES
- . VECTOR ANALYSIS
- . COLLINEARITY
- . COPLANARITY
- . CURL (VECTORS)
- . VORTICITY
- . COMBINATORIAL ANALYSIS
- . BINOMIAL COEFFICIENTS
- . COMBINATIONS (MATHEMATICS)
- . FACTORIALS
- . PARTITIONS (MATHEMATICS)
- . PERMUTATIONS
- . COMPLEX VARIABLES
- . AIRY FUNCTION
- . ANALYTIC FUNCTIONS
- . ENTIRE FUNCTIONS
- . BESSEL FUNCTIONS
- . HANKEL FUNCTIONS
- . CAUCHY INTEGRAL FORMULA
- . CONFORMAL MAPPING
- . CONJUGATES
- . CONJUGATE POINTS
- . EXPONENTIAL FUNCTIONS
- . LOGARITHMS
- . GAMMA FUNCTION
- . HARMONIC FUNCTIONS
- . HYPERBOLIC FUNCTIONS
- . HYPERGEOMETRIC FUNCTIONS
- . LAGUERRE FUNCTIONS
- . LEGENDRE FUNCTIONS
- . LIOUVILLE THEOREM
- . MATHIEU FUNCTION
- . MEROMORPHIC FUNCTIONS
- . ELLIPTIC FUNCTIONS
- . RATIONAL FUNCTIONS
- . NONHOLONOMIC EQUATIONS
- . ORTHOGONAL FUNCTIONS
- . SCHWARZ-CHRISTOFFEL TRANSFORMATION
- . SINGULARITY (MATHEMATICS)
- . NAKED SINGULARITIES
- . SPHERICAL HARMONICS
- . DEPENDENT VARIABLES
- . FOURIER ANALYSIS
- . FOURIER SERIES
- . FUNCTION SPACE
- . BANACH SPACE
- . HILBERT SPACE
- . SOBOLEV SPACE
- . FUNCTIONAL ANALYSIS
- . BANACH SPACE
- . HILBERT SPACE
- . SOBOLEV SPACE
- . CONVOLUTION INTEGRALS
- . HARMONIC ANALYSIS
- . TESSERAL HARMONICS
- . ZONAL HARMONICS
- . INTEGRAL EQUATIONS
- . FREDHOLM EQUATIONS
- . J INTEGRAL
- . SINGULAR INTEGRAL EQUATIONS
- . VOLTERRA EQUATIONS
- . WIENER HOPF EQUATIONS
- . INTEGRAL TRANSFORMATIONS
- . FOURIER TRANSFORMATION
- . HILBERT TRANSFORMATION
- . LAPLACE TRANSFORMATION
- . HALF PLANES
- . HALF SPACES
- . HILL DETERMINANT
- . NUMERICAL ANALYSIS
- . APPROXIMATION
- . BORN APPROXIMATION
- . BORN-OPPENHEIMER APPROXIMATION
- . CHEBYSHEV APPROXIMATION
- . EDDINGTON APPROXIMATION
- . ESSENTIALLY NON-OSCILLATORY SCHEMES
- . FINITE DIFFERENCE THEORY
- . FINITE ELEMENT METHOD
- . HARTREE APPROXIMATION
- . LEAST SQUARES METHOD
- . MEAN SQUARE VALUES
- . MILNE METHOD
- . MULTIGRID METHODS
- . NEWTON METHODS
- . NEWTON-RAPHSON METHOD
- . NUMERICAL DIFFERENTIATION
- . OSEEN APPROXIMATION
- . PADE APPROXIMATION
- . PARTICLE IN CELL TECHNIQUE
- . POHLHAUSEN METHOD
- . PREDICTOR-CORRECTOR METHODS
- . RAYLEIGH-RITZ METHOD
- . RELAXATION METHOD (MATHEMATICS)
- . RITZ AVERAGING METHOD
- . SCHWARTZ METHOD
- . SOMMERFELD APPROXIMATION
- . TVD SCHEMES
- . UPWIND SCHEMES (MATHEMATICS)
- . VORTEX IN CELL TECHNIQUE
- . BOUNDARY INTEGRAL METHOD
- . COMPUTATIONAL CHEMISTRY
- . COMPUTATIONAL FLUID DYNAMICS
- . DIFFERENCE EQUATIONS
- . ERROR ANALYSIS
- . FINITE VOLUME METHOD
- . FLUX VECTOR SPLITTING
- . GLIMM METHOD
- . GRAEFF CALCULUS
- . INTERPOLATION
- . ITERATION
- . CONJUGATE GRADIENT METHOD
- . ITERATIVE SOLUTION
- . NEWTON METHODS
- . PREDICTOR-CORRECTOR METHODS
- . MONTE CARLO METHOD
- . NOMOGRAPHS
- . NUMERICAL INTEGRATION
- . RUNGE-KUTTA METHOD
- . TRUNCATION ERRORS
- . PFAFF EQUATION
- . PHASE-SPACE INTEGRAL
- . REAL VARIABLES
- . ABEL FUNCTION
- . ASYMPTOTES
- . BESSEL FUNCTIONS
- . HANKEL FUNCTIONS
- . BETHE-SALPETER EQUATION
- . CALCULUS OF VARIATIONS
- . COMPOSITE FUNCTIONS
- . DELTA FUNCTION
- . DIFFERENTIAL EQUATIONS
- . BLASIUS EQUATION
- . CHANDRASEKHAR EQUATION
- . COSINE SERIES
- . DUFFING DIFFERENTIAL EQUATION
- . FALKNER-SKAN EQUATION
- . HYPERBOLIC DIFFERENTIAL EQUATIONS
- . LAME WAVE EQUATIONS
- . PARTIAL DIFFERENTIAL EQUATIONS

ANALYSIS (MATHEMATICS)--(cont.)

... BIHARMONIC EQUATIONS
 ... BURGER EQUATION
 ... CAUCHY-RIEMANN EQUATIONS
 ... ELLIPTIC DIFFERENTIAL EQUATIONS
 ... MONGE-AMPERE EQUATION
 ... EULER-CAUCHY EQUATIONS
 ... FOKKER-PLANCK EQUATION
 ... GAUSS EQUATION
 ... HELMHOLTZ VORTICITY EQUATION
 ... LIOUVILLE EQUATIONS
 ... PARABOLIC DIFFERENTIAL EQUATIONS
 ... POISSON EQUATION
 ... VLASOV EQUATIONS
 ... RICCATI EQUATION
 ... VORTICITY EQUATIONS
 ... HELMHOLTZ VORTICITY EQUATION
 ... EINSTEIN EQUATIONS
 ... EXISTENCE THEOREMS
 ... EXTREMUM VALUES
 ... LIMITS (MATHEMATICS)
 ... MAXIMA
 ... MINIMA
 ... FOURIER-BESSEL TRANSFORMATIONS
 ... GREEN'S FUNCTIONS
 ... HYPERBOLIC FUNCTIONS
 ... HYPERPLANES
 ... JACOBI INTEGRAL
 ... JACOBI MATRIX METHOD
 ... KERNEL FUNCTIONS
 ... LIAPUNOV FUNCTIONS
 ... LINEAR EQUATIONS
 ... LINEAR EVOLUTION EQUATIONS
 ... RICCATI EQUATION
 ... LIPSCHITZ CONDITION
 ... MEASURE AND INTEGRATION
 ... BINARY INTEGRATION
 ... BOREL SETS
 ... FUNCTIONAL INTEGRATION
 ... INTEGRAL CALCULUS
 ... J INTEGRAL
 ... LEBESGUE THEOREM
 ... NUMERICAL INTEGRATION
 ... RUNGE-KUTTA METHOD
 ... STIELTJES INTEGRAL
 ... WEIGHTING FUNCTIONS
 ... NEUMANN PROBLEM
 ... NONLINEAR EQUATIONS
 ... CUBIC EQUATIONS
 ... DUFFING DIFFERENTIAL EQUATION
 ... MONGE-AMPERE EQUATION
 ... NONLINEAR EVOLUTION EQUATIONS
 ... QUADRATIC EQUATIONS
 ... QUARTIC EQUATIONS
 ... NUMERICAL DIFFERENTIATION
 ... PERIODIC FUNCTIONS
 ... TRIGONOMETRIC FUNCTIONS
 ... COSINE SERIES
 ... SINE SERIES
 ... TANGENTS
 ... SERIES (MATHEMATICS)
 ... ASYMPTOTIC SERIES
 ... CAMPBELL-HAUSDORFF SERIES
 ... COSINE SERIES
 ... FOURIER SERIES
 ... PADE APPROXIMATION
 ... POWER SERIES
 ... TAYLOR SERIES
 ... MACLAURIN SERIES
 ... PROGRESSIONS
 ... PRONY SERIES
 ... SINE SERIES
 ... STURM-LIOUVILLE THEORY
 ... VECTOR ANALYSIS
 ... COLLINEARITY
 ... COPLANARITY
 ... CURL (VECTORS)
 ... VORTICITY
 ... WEIERSTRASS FUNCTIONS
 ... WHITTAKER FUNCTIONS
 RT ALGEBRA
 ∞ ANALYZING
 ∞ APPLICATIONS OF MATHEMATICS
 ∞ DISCONTINUITY
 ∞ EQUILIBRIUM EQUATIONS
 ∞ GEOMETRY
 ∞ MATHEMATICS
 ∞ MONOTONE FUNCTIONS
 ∞ SPACE
 ∞ TREES (MATHEMATICS)
 ∞ VECTOR SPACES
 ∞ VENN DIAGRAMS

ANALYSIS OF VARIANCE

GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . ANALYSIS OF VARIANCE
 RT ∞ VARIANCE

ANALYTIC FUNCTIONS

UF HOLOMORPHISM
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . ANALYTIC FUNCTIONS
 . ENTIRE FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . ANALYTIC FUNCTIONS
 . ENTIRE FUNCTIONS
 RT CAUCHY-RIEMANN EQUATIONS
 ISOPERIMETRIC PROBLEM
 NONHOLONOMIC EQUATIONS
 POWER SERIES

ANALYTIC GEOMETRY

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . ANALYTIC GEOMETRY
 . CATENARIES
 . CIRCUMFERENCES
 . CONICS
 . ELLIPSES
 . HYPERBOLAS
 . PARABOLAS
 . CYCLOIDS
 . EPICYCLOIDS
 . LOCI
 . MERCATOR PROJECTION
 . QUADRANTS
 . S CURVES
 . GOMPERTZ CURVES
 . SPHEROIDS
 . OBLATE SPHEROIDS
 . PROLATE SPHEROIDS
 . TANGENTS
 . TORUSES
 . TRIGONOMETRY
 RT ANNULI
 ASYMPTOTES
 CALCULUS
 COORDINATES
 CURVES (GEOMETRY)
 ∞ CYLINDERS
 DESCRIPTIVE GEOMETRY
 DIFFERENTIAL GEOMETRY
 POLYTOPES
 PROJECTIVE GEOMETRY

ANALYTICAL CHEMISTRY

RT CHEMICAL ANALYSIS
 ∞ CHEMISTRY
 INORGANIC CHEMISTRY
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 VOLUMETRIC ANALYSIS

ANALYZERS

SN (EXCLUDES DEVICES FOR PERFORMING MATHEMATICAL ANALYSIS)
 GS MEASURING INSTRUMENTS
 . ANALYZERS
 . ENGINE ANALYZERS
 . SIGNAL ANALYZERS
 RT CONTROLLERS
 ∞ DETECTORS
 MONITORS
 SELECTORS
 ∞ TEST EQUIPMENT

ANALYZING

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 UF ANALYSIS
 INSTRUMENTAL ANALYSIS
 RT ACTIVATION ANALYSIS
 ALGEBRA
 ANALYSIS (MATHEMATICS)
 CHEMICAL ANALYSIS
 COMBINATORIAL ANALYSIS
 COST ANALYSIS
 CREEP ANALYSIS
 DESIGN ANALYSIS
 DIAGNOSIS
 DIFFERENTIAL GEOMETRY
 DUALITY PRINCIPLE
 ERROR ANALYSIS
 EVALUATION
 EXAMINATION

ANALYZING--(cont.)

FAILURE ANALYSIS
 FIGURE OF MERIT
 FORECASTING
 MANAGEMENT ANALYSIS
 MULTIVARIATE STATISTICAL ANALYSIS
 NETWORK ANALYSIS
 NUMERICAL ANALYSIS
 PHOTOINTERPRETATION
 POSTFLIGHT ANALYSIS
 PREDICTION ANALYSIS TECHNIQUES
 PREFLIGHT ANALYSIS
 RELIABILITY ANALYSIS
 SIGNAL ANALYSIS
 SIGNATURE ANALYSIS
 SPECTRUM ANALYSIS
 STATISTICAL ANALYSIS
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS
 SYSTEMS ANALYSIS
 TERRAIN ANALYSIS
 THERMAL ANALYSIS
 TRAINING ANALYSIS
 TRAJECTORY ANALYSIS
 TREND ANALYSIS
 WEIGHT ANALYSIS
 X RAY ANALYSIS

ANAPHYLAXIS

GS SENSITIVITY
 . ANAPHYLAXIS
 RT ALLERGIC DISEASES
 ANTIGENS
 IMMUNOLOGY
 SENSITIZING

ANASTIGMATISM

RT OPTOMETRY
 VISION

ANATASE

UF OCTAHEDRITE
 GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . TITANIUM OXIDES
 . ANATASE
 MINERALS
 . ANATASE
 TITANIUM COMPOUNDS
 . TITANIUM OXIDES
 . ANATASE
 RT PIGMENTS
 RUTILE

ANATOMY

SN (LIMITED TO ANIMAL ANATOMY)
 GS ANATOMY
 . ABDOMEN
 . CHEST
 . CIRCULATORY SYSTEM
 . CARDIOVASCULAR SYSTEM
 . BLOOD VESSELS
 . ARTERIES
 . AORTA
 . CAPILLARIES (ANATOMY)
 . GLOMERULUS
 . VEINS
 . HEART
 . CARDIAC AURICLES
 . CARDIAC VENTRICLES
 . EPICARDIUM
 . MYOCARDIUM
 . DIGESTIVE SYSTEM
 . ESOPHAGUS
 . GASTROINTESTINAL SYSTEM
 . APPENDIX (ANATOMY)
 . INTESTINES
 . RECTUM
 . STOMACH
 . MOUTH
 . PANCREAS
 . SALIVARY GLANDS
 . TEETH
 . TONGUE
 . FACE (ANATOMY)
 . CHIN
 . FOREHEAD
 . MOUTH
 . LIPS (ANATOMY)
 . NOSE (ANATOMY)
 . GENITOURINARY SYSTEM
 . BLADDER
 . KIDNEYS
 . GLOMERULUS

ANATOMY--(cont.)

. . . REPRODUCTIVE SYSTEMS
 . . . SEX GLANDS
 . . . GONADS
 OVARIES
 TESTES
 . . . PROSTATE GLAND
 . . . UTERUS
 . . . GLANDS (ANATOMY)
 . . . ENDOCRINE GLANDS
 . . . ADRENAL GLAND
 . . . GONADS
 OVARIES
 TESTES
 . . . HYPOTHALAMUS
 . . . PANCREAS
 . . . PARATHYROID GLAND
 . . . PINEAL GLAND
 . . . PITUITARY GLAND
 . . . THYMUS GLAND
 . . . THYROID GLAND
 . . . MAMMARY GLANDS
 . . . SALIVARY GLANDS
 . . . SEBACEOUS GLANDS
 . . . SEX GLANDS
 . . . GONADS
 OVARIES
 TESTES
 . . . PROSTATE GLAND
 . . . HEAD (ANATOMY)
 . . . SKULL
 . . . CRANIUM
 INTRACRANIAL CAVITY
 MASTOIDS
 . . . HUMAN BODY
 . . . LIMBS (ANATOMY)
 . . . ARM (ANATOMY)
 ELBOW (ANATOMY)
 FOREARM
 . . . HAND (ANATOMY)
 FINGERS
 . . . LEG (ANATOMY)
 . . . FEET (ANATOMY)
 . . . KNEE (ANATOMY)
 . . . LIVER
 . . . LUMBAR REGION
 . . . MUSCULOSKELETAL SYSTEM
 . . . BONES
 FEMUR
 PELVIS
 SCAPULA
 SKULL
 CRANIUM
 INTRACRANIAL CAVITY
 MASTOIDS
 SPINE
 VERTEBRAE
 STERNUM
 TIBIA
 ULNA
 . . . CONNECTIVE TISSUE
 . . . BONE MARROW
 . . . CARTILAGE
 . . . COLLAGENS
 . . . JOINTS (ANATOMY)
 . . . ELBOW (ANATOMY)
 . . . KNEE (ANATOMY)
 . . . WRIST
 . . . MUSCLES
 CONSTRUCTORS
 FLEXORS
 TENDONS
 . . . NECK (ANATOMY)
 . . . NERVOUS SYSTEM
 AFFERENT NERVOUS SYSTEMS
 AUTONOMIC NERVOUS SYSTEM
 SYMPATHETIC NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM
 BRAIN
 BRAIN STEM
 CEREBELLUM
 CEREBRAL VENTRICLES
 CEREBRUM
 CEREBRAL CORTEX
 OCCIPITAL LOBES
 DIENCEPHALON
 HYPOTHALAMUS
 PINEAL GLAND
 THALAMUS
 HIPPOCAMPUS
 SPINAL CORD
 . . . EFFERENT NERVOUS SYSTEMS
 . . . NERVES
 GANGLIA
 OCULOMOTOR NERVES
 . . . PERIPHERAL NERVOUS SYSTEM

ANATOMY--(cont.)

. . . PERITONEUM
 . . . PLEURAE
 . . . RESPIRATORY SYSTEM
 . . . BRONCHI
 . . . DIAPHRAGM (ANATOMY)
 . . . LARYNX
 . . . GLOTTIS
 . . . VOCAL CORDS
 . . . LUNGS
 ALVEOLI
 . . . NOSE (ANATOMY)
 . . . PARANASAL SINUSES
 . . . PHARYNX
 . . . TRACHEA
 . . . SCIATIC REGION
 . . . SENSE ORGANS
 . . . BARORECEPTORS
 . . . CHEMORECEPTORS
 . . . EAR
 EARDRUMS
 EUSTACHIAN TUBES
 LABYRINTH
 COCHLEA
 CORTI ORGAN
 OTOLITH ORGANS
 SEMICIRCULAR CANALS
 VESTIBULES
 . . . MIDDLE EAR
 . . . EYE (ANATOMY)
 . . . CHOROID MEMBRANES
 . . . CONJUNCTIVA
 . . . CORNEA
 . . . OCULOMOTOR NERVES
 . . . PUPILS
 . . . RETINA
 FOVEA
 . . . GRAVIRECEPTORS
 . . . OTOLITH ORGANS
 . . . MECHANORECEPTORS
 . . . PHOTORECEPTORS
 . . . PROPRIORECEPTORS
 . . . THERMORECEPTORS
 . . . SKIN (ANATOMY)
 . . . EPIDERMIS
 . . . SPLEEN
 . . . THIGH
 . . . THORAX
 . . . TORSO
 RT APPENDAGES
 BIFURCATION (BIOLOGY)
 BIODYNAMICS
 ∞ BIOLOGY
 ∞ CELLS (BIOLOGY)
 ∞ DIFFERENTIATION
 DIFFERENTIATION (BIOLOGY)
 DORSAL SECTIONS
 EPITHELIUM
 EXOSKELETONS
 HEPATITIS
 MORPHOLOGY
 ORGANS
 POSTERIOR SECTIONS
 TISSUES (BIOLOGY)
 VESTIBULAR NYSTAGMUS
 VISCERA

ANCHORS (FASTENERS)

GS FASTENERS
 . . . ANCHORS (FASTENERS)
 RT ∞ BANDS
 BOLTS
 BRACKETS
 CLIPS
 COUPLINGS
 GUY WIRES
 HOLDERS
 MOORING
 NUTS (FASTENERS)
 SCREWS
 STRAPS
 STUDS (STRUCTURAL MEMBERS)
 TETHERLINES

ANDES MOUNTAINS (SOUTH AMERICA)

GS LANDFORMS
 . . . MOUNTAINS
 . . . ANDES MOUNTAINS (SOUTH AMERICA)
 RT SOUTH AMERICA

ANDESITE

GS ALUMINUM COMPOUNDS
 . . . ALUMINUM SILICATES
 . . . ANDESITE

ANDESITE--(cont.)

ROCKS
 . . . ANDESITE
 SILICON COMPOUNDS
 . . . SILICATES
 . . . ALUMINUM SILICATES
 . . . ANDESITE
 RT FELDSPARS
 IGNEOUS ROCKS
 MINERALS
 SOILS

ANDORRA

GS NATIONS
 . . . ANDORRA
 RT EUROPE
 FRANCE
 PYRENEES MOUNTAINS (EUROPE)
 SPAIN

∞ ANDROMEDA

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ANDROMEDA CONSTELLATION
 ANDROMEDA GALAXY

ANDROMEDA CONSTELLATION

GS CONSTELLATIONS
 . . . ANDROMEDA CONSTELLATION
 RT ∞ ANDROMEDA
 ANDROMEDA GALAXY

ANDROMEDA GALAXY

GS CELESTIAL BODIES
 . . . GALAXIES
 SPIRAL GALAXIES
 ANDROMEDA GALAXY
 RT ∞ ANDROMEDA
 ANDROMEDA CONSTELLATION
 LOCAL GROUP (ASTRONOMY)

ANECHOIC CHAMBERS

GS COMPARTMENTS
 . . . TEST CHAMBERS
 . . . ANECHOIC CHAMBERS
 TEST FACILITIES
 . . . ANECHOIC CHAMBERS
 RT ACOUSTIC ATTENUATION
 ACOUSTIC MEASUREMENT
 ACOUSTICS
 ∞ CHAMBERS
 ZERO SOUND

ANELASTICITY

GS MECHANICAL PROPERTIES
 . . . ELASTIC PROPERTIES
 . . . ANELASTICITY
 RT CREEP PROPERTIES
 INTERNAL FRICTION
 MODULUS OF ELASTICITY
 STRESS RELAXATION

ANEMIAS

GS DISEASES
 . . . ANEMIAS
 RT BLOOD
 BLOOD CELLS
 HEMATOCRIT RATIO
 HEMOGLOBIN
 ISCHEMIA
 OCCUPATIONAL DISEASES

ANEMOMETERS

GS MEASURING INSTRUMENTS
 . . . ANEMOMETERS
 . . . DRAG FORCE ANEMOMETERS
 . . . HOT-FILM ANEMOMETERS
 . . . HOT-WIRE ANEMOMETERS
 . . . LASER ANEMOMETERS
 . . . SONIC ANEMOMETERS
 RT AIRCRAFT INSTRUMENTS
 FLOW MEASUREMENT
 METEOROLOGICAL INSTRUMENTS
 SPEED INDICATORS
 VELOCITY MEASUREMENT
 WIND (METEOROLOGY)
 WIND MEASUREMENT
 WIND VANES
 WIND VELOCITY
 WIND VELOCITY MEASUREMENT

ANEMOMETRY

USE VELOCITY MEASUREMENT

ANESTHESIA

GS **ANESTHESIA**
 . ELECTROANESTHESIA
 RT ANALGESIA
 HYPNOSIS
 SENSORY PERCEPTION
 UNCONSCIOUSNESS

ANESTHESIOLOGY

GS MEDICAL SCIENCE
 . **ANESTHESIOLOGY**
 RT CHLOROFORM
 CLINICAL MEDICINE
 DEPRESSANTS
 DIAGNOSIS
 DRUGS
 PHARMACOLOGY

ANESTHETICS

GS DRUGS
 . **ANESTHETICS**
 . . CHLOROFORM
 . . CYCLOPROPANE
 . . METHYL CHLORIDE
 . . NOVOCAIN
 RT ETHERS

ANGELS (RADAR)

GS ECHOES
 . RADAR ECHOES
 . . **ANGELS (RADAR)**
 RT GLINT
 RADAR CROSS SECTIONS
 RADIO ECHOES

ANGINA PECTORIS

GS DISEASES
 . HEART DISEASES
 . . **ANGINA PECTORIS**
 RT ANOXIA
 ARTERIOSCLEROSIS
 CORONARY ARTERY DISEASE
 EMOTIONAL FACTORS
 HEART FUNCTION
 HEART RATE
 MYOCARDIUM
 PHYSICAL EXERCISE
 STRESS (PHYSIOLOGY)

ANGIOGRAPHY

GS IMAGERY
 . RADIOGRAPHY
 . . **ANGIOGRAPHY**
 RT BRAIN
 CARDIOLOGY
 CARDIOVASCULAR SYSTEM

ANGIOSPERMS

RT GRAINS (FOOD)
 NUTS (FRUITS)
 PLANTS (BOTANY)
 VEGETABLES

ANGLE OF ATTACK

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . **ANGLE OF ATTACK**
 ZERO ANGLE OF ATTACK
 RT AERODYNAMIC CHARACTERISTICS
 AERODYNAMIC STALLING
 BOUNDARY LAYER SEPARATION
 LIFT
 SWEEP ANGLE

ANGLES (GEOMETRY)

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . **ANGLES (GEOMETRY)**
 . . . ANGLE OF ATTACK
 ZERO ANGLE OF ATTACK
 . . . BRAGG ANGLE
 . . . BREWSTER ANGLE
 . . . DIHEDRAL ANGLE
 . . . ELEVATION ANGLE
 . . . LOOK ANGLES (ELECTRONICS)
 . . . LOOK ANGLES (TRACKING)
 . . . SWEEP ANGLE
 . . . SWEEPBACK
 LEADING EDGE SWEEP
 RT ANGULAR RESOLUTION
 APSIDES
 AZIMUTH
 COMPLEMENTS (MATHEMATICS)
 CORNERS

ANGLES (GEOMETRY)--(cont.)

ELONGATION
 GONIOMETERS
 ∞ GRADE
 GRADIENTS
 GRAZING INCIDENCE
 INCIDENCE
 OBLIQUENESS
 PHASE SHIFT
 PHOTOGONIOMETERS
 PITCH (INCLINATION)
 ∞ PROFILES
 ∞ PROTRACTORS
 RECIPROCAL THEOREMS
 SLOPES
 TRIANGULATION
 TRIGONOMETRY

ANGOLA

GS NATIONS
 . **ANGOLA**
 RT AFRICA

ANGULAR ACCELERATION

GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)
 . . **ANGULAR ACCELERATION**
 RT ∞ ACCELERATION
 CENTRIFUGAL FORCE
 CENTRIPETAL FORCE
 DECELERATION
 ROTATION
 SPIN REDUCTION
 TRANSVERSE ACCELERATION
 YO-YO DEVICES

ANGULAR CORRELATION

GS CORRELATION
 . **ANGULAR CORRELATION**
 RT DATA CORRELATION
 MATTS (SYSTEMS)
 VIEW EFFECTS

ANGULAR DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . **ANGULAR DISTRIBUTION**
 RT ELECTRON DENSITY PROFILES
 ELEMENTARY PARTICLE INTERACTIONS
 FLUX DENSITY
 FORCE DISTRIBUTION
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 NUCLEAR SCATTERING
 STAR DISTRIBUTION

ANGULAR MOMENTUM

GS MOMENTUM
 . **ANGULAR MOMENTUM**
 RT CLASSICAL MECHANICS
 CLEBSCH-GORDAN COEFFICIENTS
 ELECTRON SPIN
 KINETICS
 MOMENTS OF INERTIA
 PARTICLE SPIN
 QUANTUM NUMBERS
 QUANTUM THEORY
 QUENCHING (ATOMIC PHYSICS)
 RACAH COEFFICIENT
 REGGE POLES
 SPIN
 SPIN TESTS
 STELLAR ROTATION
 WIGNER COEFFICIENT

ANGULAR MOTION

USE ANGULAR VELOCITY

ANGULAR RESOLUTION

GS RESOLUTION
 . **ANGULAR RESOLUTION**
 RT ACCURACY
 ANGLES (GEOMETRY)
 HIGH RESOLUTION
 ∞ OPTICS
 RADAR RESOLUTION

ANGULAR VELOCITY

UF ANGULAR MOTION
 GS RATES (PER TIME)
 . **ANGULAR VELOCITY**
 VELOCITY
 . **ANGULAR VELOCITY**
 RT GYRATION
 ORBITAL VELOCITY
 REVOLVING

ANGULAR VELOCITY--(cont.)

ROTATION
 ROTOR SPEED
 SAGNAC EFFECT
 TACHOMETERS
 TIP SPEED

ANHYDRIDES

GS CHALCOGENIDES
 . OXIDES
 . . **ANHYDRIDES**
 . . . PEROXIDES
 INORGANIC PEROXIDES
 ORGANIC PEROXIDES
 SODIUM PEROXIDES
 RT ACIDS
 BASES (CHEMICAL)

ANIK A

USE ANIK 1

ANIK B

USE ANIK 2

ANIK C

USE ANIK 3

ANIK SATELLITES

GS ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . **ANIK SATELLITES**
 . . . ANIK 1
 . . . ANIK 2
 . . . ANIK 3
 . . . CANADIAN SPACECRAFT
 . . . **ANIK SATELLITES**
 . . . ANIK 1
 . . . ANIK 2
 . . . ANIK 3
 RT CANADIAN SPACE PROGRAM
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 1

UF ANIK A
 TELESAT CANADA A
 GS ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . ANIK SATELLITES
 . . . **ANIK 1**
 . . . CANADIAN SPACECRAFT
 . . . ANIK SATELLITES
 . . . **ANIK 1**
 RT CANADA
 CANADIAN SPACE PROGRAM
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 2

UF ANIK B
 TELESAT CANADA B
 GS ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . ANIK SATELLITES
 . . . **ANIK 2**
 . . . CANADIAN SPACECRAFT
 . . . ANIK SATELLITES
 . . . **ANIK 2**
 RT CANADA
 CANADIAN SPACE PROGRAM
 DELTA LAUNCH VEHICLE
 INTERNATIONAL COOPERATION

ANIK 3

UF ANIK C
 TELESAT CANADA C
 TELESAT CANADA 3
 GS ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . ANIK SATELLITES
 . . . **ANIK 3**
 . . . CANADIAN SPACECRAFT
 . . . ANIK SATELLITES
 . . . **ANIK 3**
 RT CANADA
 CANADIAN SPACE PROGRAM
 INTERNATIONAL COOPERATION

ANILINE

GS AMINES
 . **ANILINE**
 RT DYES

ANIMALS

UF FAUNA
 METAZOA
 GS **ANIMALS**
 . HOMEOTHERMS
 . INVERTEBRATES
 . ARTHROPODS
 . ARTEMIA
 . CRABS
 . INSECTS
 . BEES
 . BOLLWORMS
 . CHIRONOMUS FLIES
 . COCKROACHES
 . COLEOPTERA
 . BEETLES
 . TRIBOLIA
 . BOLL WEEVILS
 . CRICKETS
 . DROSOPHILA
 . FIREFLIES
 . GRASSHOPPERS
 . LOCUSTS
 . MOTHS
 . SILKWORMS
 . SPIDERS
 . MOLLUSKS
 . CEPHALOPODS
 . OCTOPUSES
 . SNAILS
 . ROTIFERA
 . SEA URCHINS
 . WORMS
 . FLATWORMS
 . LIVESTOCK
 . POIKILOthermia
 . PROTOZOA
 . AMOEBA
 . PELOMYXA
 . FLAGELLATA
 . EUGLENA
 . TRYPANOSOME
 . PARAMECIA
 . VERTEBRATES
 . AMPHIBIA
 . FROGS
 . BIRDS
 . CHICKENS
 . PIGEONS
 . TURKEYS
 . WATERFOWL
 . FISHES
 . SCHOOLS (FISH)
 . SHARKS
 . MAMMALS
 . BATS
 . BEARS
 . CATS
 . CATTLE
 . CALVES
 . DEER
 . CARIBOUS
 . DOGS
 . GOATS
 . HORSES
 . MARINE MAMMALS
 . DOLPHINS
 . MANATEES
 . PORPOISES
 . SEALS (ANIMALS)
 . WHALES
 . MOLES
 . PRIMATES
 . APES
 . CHIMPANZEES
 . BABOONS
 . HUMAN BEINGS
 . MONKEYS
 . RODENTS
 . GUINEA PIGS
 . HAMSTERS
 . MICE
 . JERBOAS
 . POCKET MICE
 . RABBITS
 . RATS
 . SQUIRRELS
 . GROUND SQUIRRELS
 . SHEEP
 . SWINE
 . WOLVES
 . REPTILES
 . LIZARDS
 . SNAKES
 . TURTLES
 . WILDLIFE

ANIMALS--(cont.)

RT ∞ BIOLOGY
 BIOMASS
 CARBON CYCLE
 CENSUS
 ENDANGERED SPECIES
 FOOD CHAIN
 GRAZING
 HABITATS
 HETEROTROPHS
 LARVAE
 MICROORGANISMS
 ORGANISMS
 PARASITES
 PLANKTON
 PLANTS (BOTANY)
 PREDATORS
 VIABILITY
 WILDLIFE RADIOLOCATION
 ∞ ZOOLOGY

ANIMATION

GS ARTS
 . GRAPHIC ARTS
 . **ANIMATION**
 . . . COMPUTER ANIMATION
 RT CINEMATOGRAPHY
 MOTION PICTURES

ANIONS

GS IONS
 . NEGATIVE IONS
 . **ANIONS**
 RT AMINO RADICAL
 ANODES
 CATIONS
 CELL ANODES
 ELECTRODE MATERIALS
 ELECTRON AFFINITY
 IONIC MOBILITY

ANISOLE

GS ETHERS
 . **ANISOLE**
 . ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . . HETEROCYCLIC COMPOUNDS
 . . . **ANISOLE**

ANISOTROPIC FLUIDS

GS MEDIA
 . ANISOTROPIC MEDIA
 . . **ANISOTROPIC FLUIDS**
 RT ANISOTROPY
 ∞ FLUIDS
 INVARIANT IMBEDDINGS
 ISOTROPY
 LIQUID CRYSTALS
 NEWTONIAN FLUIDS

ANISOTROPIC MEDIA

GS MEDIA
 . **ANISOTROPIC MEDIA**
 . . ANISOTROPIC FLUIDS
 RT ANISOTROPY
 BIREFRINGENCE
 BIREFRINGENT COATINGS
 FUNCTIONALLY GRADIENT MATERIALS
 HOMOGENEITY
 ISOTROPIC MEDIA
 ∞ MATERIALS
 POLARIZATION (WAVES)

ANISOTROPIC PLATES

UF NONISOTROPIC PLATES
 GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . . **ANISOTROPIC PLATES**
 RT CANTILEVER PLATES
 END PLATES
 PERFORATED PLATES
 REINFORCED PLATES

ANISOTROPIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . **ANISOTROPIC SHELLS**
 RT CORRUGATED SHELLS
 ELASTIC SHELLS
 REINFORCED SHELLS

ANNULAR CORE PULSE REACTORS**ANISOTROPY**

UF NONISOTROPY
 ONISOTROPY
 PHOTOTHERMOTROPISM
 THERMOTROPISM
 GS **ANISOTROPY**
 . PLASTIC ANISOTROPY
 . . ELASTIC ANISOTROPY
 RT AEOLITROPISM
 ANISOTROPIC FLUIDS
 ANISOTROPIC MEDIA
 BIREFRINGENCE
 CRYSTAL STRUCTURE
 CRYSTALS
 DIRECTIVITY
 ISOTROPY
 MECHANICAL PROPERTIES
 METALLOGRAPHY
 POLARIZATION (SPIN ALIGNMENT)
 POLARIZATION (WAVES)
 SPATIAL DISTRIBUTION

ANNA HURRICANE

GS STORMS
 . STORMS (METEOROLOGY)
 . . CYCLONES
 . . . HURRICANES
 . . . **ANNA HURRICANE**
 . . . TROPICAL STORMS
 . . . HURRICANES
 . . . **ANNA HURRICANE**

ANNA SATELLITES

GS ARTIFICIAL SATELLITES
 . GEODETIC SATELLITES
 . . **ANNA SATELLITES**
 RT EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE

ANNEALING

GS HEAT TREATMENT
 . **ANNEALING**
 . . LASER ANNEALING
 . . PULSE HEATING
 RT COMBUSTION SYNTHESIS
 GRAPHITIZATION
 HARDENING (MATERIALS)
 HEATING
 NORMALIZING (HEAT TREATMENT)
 RECRYSTALLIZATION
 SIMULATED ANNEALING
 SOFTENING
 STRESS RELIEVING
 TEMPERING

ANNIHILATION REACTIONS

GS **ANNIHILATION REACTIONS**
 . POSITRON ANNIHILATION
 RT ANTIPARTICLES
 ELECTRON-POSITRON PAIRS
 HIGH ENERGY INTERACTIONS
 MATTER-ANTIMATTER PROPULSION
 PHOTONS
 PROTON-PROTON REACTIONS

ANNOTATIONS

RT ABSTRACTS
 INFORMATION
 SUMMARIES

ANNUAL VARIATIONS

UF SEASONAL VARIATIONS
 GS VARIATIONS
 . PERIODIC VARIATIONS
 . . **ANNUAL VARIATIONS**
 RT ATMOSPHERIC CIRCULATION
 BROWN WAVE EFFECT
 CYCLES
 GREEN WAVE EFFECT
 MAGNETIC VARIATIONS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MONSOONS
 SEASONS
 TEMPORAL DISTRIBUTION
 WEATHER
 WIND VARIATIONS
 ZONAL FLOW (METEOROLOGY)

ANNULAR CORE PULSE REACTORS

GS NUCLEAR REACTORS
ANNULAR CORE PULSE REACTORS

ANNULAR CORE PULSE REACTORS--(cont.)

RT ∞NUCLEAR ENERGY
 NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS
 REACTOR CORES
 REACTOR DESIGN
 REACTOR MATERIALS
 REACTOR PHYSICS
 REACTOR SAFETY
 REACTOR TECHNOLOGY
 ∞REACTORS

ANNULAR DUCTS

GS DUCTS
 . **ANNULAR DUCTS**
 RT AIR DUCTS
 DUCT GEOMETRY
 DUCTED BODIES
 FLUID FLOW
 INTAKE SYSTEMS
 NOSE INLETS
 OPENINGS
 ORIFICES
 VENTS

ANNULAR FLOW

GS FLUID FLOW
 . AXISYMMETRIC FLOW
 . **ANNULAR FLOW**
 RT ANNULI
 AXIAL FLOW
 CHANNEL FLOW
 COAXIAL FLOW
 COUETTE FLOW
 ∞FLOW
 FLOW GEOMETRY
 HEAT TRANSMISSION
 NOZZLE FLOW
 ONE DIMENSIONAL FLOW
 TURBULENT FLOW

ANNULAR NOZZLES

RT ANNULI
 COAXIAL FLOW
 CONICAL NOZZLES
 EXHAUST NOZZLES
 INLET NOZZLES
 ∞NOZZLES
 PLUG NOZZLES
 ROCKET NOZZLES
 SHROUDED NOZZLES
 SPRAY NOZZLES

ANNULAR PLATES

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . **ANNULAR PLATES**
 RT ANNULI
 CIRCULAR PLATES
 FLAT PLATES

ANNULAR SUSPENSION AND POINTING SYSTEM

GS FLIGHT CONTROL
 . POINTING CONTROL SYSTEMS
 . **ANNULAR SUSPENSION AND POINTING SYSTEM**
 RT MAGNETIC SUSPENSION
 PAYLOADS
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 SPACELAB
 SPACELAB PAYLOADS
 ∞SYSTEMS

ANNULI

RT ANALYTIC GEOMETRY
 ANNULAR FLOW
 ANNULAR NOZZLES
 ANNULAR PLATES
 FLOW MEASUREMENT
 ∞RINGS

ANODES

GS ELECTRODES
 . **ANODES**
 . . CELL ANODES
 . . SHELL ANODES
 . . TUBE ANODES
 RT ACCUMULATORS
 ANIONS
 CATHODES
 ELECTRODE MATERIALS
 MULTI-ANODE MICROCHANNEL ARRAYS

ANODIC COATINGS

GS COATINGS
 . INORGANIC COATINGS
 . **ANODIC COATINGS**
 . . PROTECTIVE COATINGS
 . . **ANODIC COATINGS**
 RT ANODIZING
 CATHODIC COATINGS
 ELECTRODE MATERIALS
 OXIDES

ANODIC STRIPPING

RT CLADDING
 COATING
 DEBONDING (MATERIALS)
 DELAMINATING
 METAL COATINGS
 PLATING
 REMOVAL
 ∞STRIPPING

ANODIZING

GS COATING
 . **ANODIZING**
 DEPOSITION
 . **ANODIZING**
 RT ANODIC COATINGS
 PASSIVITY
 PROTECTIVE COATINGS
 SURFACE TREATMENT

ANOLYTES

GS CONDUCTORS
 . ELECTROLYTES
 . **ANOLYTES**
 RT CATHOLYTES
 CELL ANODES

ANOMALIES

GS **ANOMALIES**
 . GEOTHERMAL ANOMALIES
 . GRAVITY ANOMALIES
 . MAGNETIC ANOMALIES
 . . GEOMAGNETIC HOLLOW
 RT ANOMALOUS TEMPERATURE ZONES
 SOUTHERN OSCILLATION

ANOMALOUS TEMPERATURE ZONES

RT ANOMALIES
 GEYSERS
 STRATOSPHERIC WARMING
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING
 INSTRUMENTS
 TEMPERATURE SCALES
 TEMPERATURE SENSORS

ANORTHOSITE

GS ROCKS
 . IGNEOUS ROCKS
 . **ANORTHOSITE**
 RT FELDSPARS
 GABBRO
 SOILS

ANOXIA

RT ANGINA PECTORIS
 ASPHYXIA
 HYPOXIA
 STRESS (PHYSIOLOGY)

ANS

USE ASTRONOMICAL NETHERLANDS
 SATELLITE

ANTARCTIC ENVIRONMENT

USE ICE ENVIRONMENTS

ANTARCTIC OCEAN

GS OCEANS
 . **ANTARCTIC OCEAN**
 RT ANTARCTIC REGIONS

ANTARCTIC REGIONS

UF ANTARCTICA
 GS REGIONS
 . POLAR REGIONS
 . . **ANTARCTIC REGIONS**
 . . . MCMURDO SOUND
 . . . ROSS ICE SHELF
 . . REMOTE REGIONS
 . **ANTARCTIC REGIONS**
 SOUTHERN HEMISPHERE
 . **ANTARCTIC REGIONS**

ANTARCTIC REGIONS--(cont.)

. . MCMURDO SOUND
 . . ROSS ICE SHELF
 RT ANTARCTIC OCEAN
 CLIMATOLOGY
 CONTINENTS
 LAND ICE
 OZONE DEPLETION
 POLAR CAPS
 TOTAL OZONE MAPPING
 SPECTROMETER

ANTARCTICA

USE ANTARCTIC REGIONS

ANTARES ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **ANTARES ROCKET VEHICLE**
 . . SOUNDING ROCKETS
 . . **ANTARES ROCKET VEHICLE**
 RT ATMOSPHERIC IONIZATION
 SOLID PROPELLANT ROCKET ENGINES
 X-254 ENGINE

ANTELOPE MISSILE

GS MISSILES
 . **ANTELOPE MISSILE**

ANTENNA ARRAYS

GS ARRAYS
 . **ANTENNA ARRAYS**
 . . LINEAR ARRAYS
 . . . ENDFIRE ARRAYS
 . . . YAGI ANTENNAS
 . . STEERABLE ANTENNAS
 . . . INERTIALESS STEERABLE
 ANTENNAS
 . . TURNSTILE ANTENNAS
 RT ANTENNAS
 BEAMFORMING
 COBRA DANE (RADAR)
 DIPOLE ANTENNAS
 DIRECTIONAL ANTENNAS
 LOG PERIODIC ANTENNAS
 MICROWAVE ANTENNAS
 PHASED ARRAYS
 RETROREFLECTION
 SPACE BASED RADAR
 VERY LARGE ARRAY (VLA)
 VERY LONG BASELINE ARRAY (VLBA)

ANTENNA COMPONENTS

GS **ANTENNA COMPONENTS**
 . ANTENNA COUPLERS
 . . DIPLEXERS
 . . DIRECTIONAL COUPLERS
 . ANTENNA FEEDS
 . PARASITIC ELEMENTS (ANTENNAS)
 . DIRECTORS (ANTENNA ELEMENTS)
 RT COMMUNICATION EQUIPMENT
 ∞COMPONENTS
 COUPLERS
 ELECTRONIC EQUIPMENT
 ∞SPINNERS

ANTENNA COUPLERS

GS ANTENNA COMPONENTS
 . **ANTENNA COUPLERS**
 . . DIPLEXERS
 . . DIRECTIONAL COUPLERS
 COUPLERS
 . **ANTENNA COUPLERS**
 . . DIPLEXERS
 . . DIRECTIONAL COUPLERS
 RT ANTENNAS
 COUPLES
 COUPLING
 COUPLING CIRCUITS
 ENERGY TRANSFER
 IMPEDANCE MATCHING
 MICROWAVE COUPLING
 TRANSMISSION LINES

ANTENNA DESIGN

RT ANTENNAS
 BACKLOBES
 CASSEGRAIN ANTENNAS
 DELTA ANTENNAS
 ∞DESIGN
 DIPOLE ANTENNAS
 GRAVITATIONAL WAVE ANTENNAS
 GREGORIAN ANTENNAS
 HELICAL ANTENNAS
 HORN ANTENNAS

ANTENNA DESIGN--(cont.)

LENS ANTENNAS
 ∞ LOBES
 LOG PERIODIC ANTENNAS
 MAYPOLE ANTENNAS
 MICROSTRIP ANTENNAS
 MONOPOLE ANTENNAS
 PARABOLIC ANTENNAS
 PARASITIC ELEMENTS (ANTENNAS)
 PENCIL BEAMS
 PLASMA ANTENNAS
 PRODUCT DEVELOPMENT
 RHOMBIC ANTENNAS
 SIDELOBES
 SLOT ANTENNAS
 SPACE TECHNOLOGY EXPERIMENTS
 SPIRAL ANTENNAS
 YAGI ANTENNAS

ANTENNA FEEDS

GS ANTENNA COMPONENTS
 . **ANTENNA FEEDS**
 RT GREGORIAN ANTENNAS
 REFLECTOR ANTENNAS
 STRIP TRANSMISSION LINES
 TRANSMISSION LINES
 WAVEGUIDES

ANTENNA FIELDS

USE ANTENNA RADIATION PATTERNS

ANTENNA RADIATION PATTERNS

UF ANTENNA FIELDS
 GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . **ANTENNA RADIATION PATTERNS**
 . . . SIDELOBES
 RT ANTENNAS
 BACKFIRE ANTENNAS
 BACKLOBES
 BEAMFORMING
 CYLINDRICAL ANTENNAS
 DIRECTIONAL ANTENNAS
 ∞ FANS
 FAR FIELDS
 FIELD THEORY (PHYSICS)
 FOOTPRINTS
 FRESNEL REGION
 GREGORIAN ANTENNAS
 ∞ LOBES
 NEAR FIELDS
 PARASITIC ELEMENTS (ANTENNAS)
 PENCIL BEAMS
 PLASMA ANTENNAS
 ∞ RADIATION
 REFLECTOR ANTENNAS
 ROSETTE SHAPES
 SCHELKUNOFF PRINCIPLE
 SOMMERFELD APPROXIMATION
 SUPPORT INTERFERENCE
 SYNTHETIC ARRAYS

ANTENNAS

GS **ANTENNAS**
 . AIRCRAFT ANTENNAS
 . BACKFIRE ANTENNAS
 . CASSEGRAIN ANTENNAS
 . CYLINDRICAL ANTENNAS
 . DELTA ANTENNAS
 . DIRECTIONAL ANTENNAS
 . DIPOLE ANTENNAS
 . HELICAL ANTENNAS
 . HORN ANTENNAS
 . LENS ANTENNAS
 . LOG PERIODIC ANTENNAS
 . LOOP ANTENNAS
 . RADAR ANTENNAS
 . . . RADANT
 . . REFLECTOR ANTENNAS
 . . . PARABOLIC ANTENNAS
 . . . TWO REFLECTOR ANTENNAS
 . RHOMBIC ANTENNAS
 . SLOT ANTENNAS
 . STEERABLE ANTENNAS
 . . INERTIALESS STEERABLE
 . . . ANTENNAS
 . . . YAGI ANTENNAS
 . FURLABLE ANTENNAS
 . GRAVITATIONAL WAVE ANTENNAS
 . HOOP COLUMN ANTENNAS
 . MICROSTRIP ANTENNAS
 . MISSILE ANTENNAS
 . MONOPULSE ANTENNAS
 . MULTIBEAM ANTENNAS
 . MULTIPLE BEAM INTERVAL SCANNERS

ANTENNAS--(cont.)

. OMNIDIRECTIONAL ANTENNAS
 . . MONOPOLE ANTENNAS
 . . . WHIP ANTENNAS
 . . . TURNSTILE ANTENNAS
 . . PLASMA ANTENNAS
 . . RADIO ANTENNAS
 . . . MICROWAVE ANTENNAS
 . . . HORN ANTENNAS
 . . . LENS ANTENNAS
 . . . SPACETENNAS
 . . SATELLITE ANTENNAS
 . . SCHWARZSCHILD ANTENNAS
 . . SPACECRAFT ANTENNAS
 . . SPHERICAL ANTENNAS
 . . SPIRAL ANTENNAS
 . . . LOG SPIRAL ANTENNAS
 . . WAVEGUIDE ANTENNAS
 . . . HORN ANTENNAS
 RT ANTENNA ARRAYS
 ANTENNA COUPLERS
 ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 ARRAYS
 CONDUCTORS
 CORNERS
 CURRENT SHEETS
 ELECTROMAGNETIC RADIATION
 FOLDING STRUCTURES
 GREGORIAN ANTENNAS
 NEAR FIELDS
 RADIATION HARDENING
 ∞ RADIATORS
 RADIO EQUIPMENT
 RADIO TELESCOPES
 REFLECTORS
 SLEWING
 SPACE TECHNOLOGY EXPERIMENTS
 TELECOMMUNICATION
 TELESCOPES
 TOWERS
 TRANSMITTERS

ANTHEUS AIRCRAFT

USE AN-22 AIRCRAFT

ANTHRACENE

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . CYCLIC HYDROCARBONS
 . . . **ANTHRACENE**
 . . . HYDROCARBONS
 . . . CYCLIC HYDROCARBONS
 . . . **ANTHRACENE**
 RT ANTHRAQUINONES
 PHENANTHRENE

ANTHRACITE

UF HARD COAL
 GS RESOURCES
 . EARTH RESOURCES
 . . FOSSIL FUELS
 . . . COAL
 **ANTHRACITE**
 ROCKS
 SEDIMENTARY ROCKS
 CARBONACEOUS ROCKS
 COAL
 **ANTHRACITE**
 RT MINERAL EXPLORATION
 MINING

ANTHRAQUINONES

GS KETONES
 . **ANTHRAQUINONES**
 RT ANTHRACENE
 DYES

ANTHROPOLOGY

RT ABORIGINES
 AMERICAN INDIANS
 ANTHROPOMETRY
 ARCHAEOLOGY
 ARTIFACTS
 CASE HISTORIES
 CITIES
 CULTURE (SOCIAL SCIENCES)
 ESKIMOS
 HUMAN BEINGS
 MINORITIES
 MUSEUMS
 RACE FACTORS
 RACES (ANTHROPOLOGY)
 ∞ SCIENCE
 SOCIAL FACTORS

ANTHROPOLOGY--(cont.)

SOCIOLOGY

ANTHROPOMETRY

GS BIOENGINEERING
 . BIOMETRICS
 . . BODY MEASUREMENT (BIOLOGY)
 . . . **ANTHROPOMETRY**
 RT ANTHROPOLOGY
 BODY SIZE (BIOLOGY)
 ∞ ENGINEERING
 HUMAN FACTORS ENGINEERING

ANTIADRENERGICS

GS DRUGS
 . **ANTIADRENERGICS**
 RT ADRENERGICS

ANTIAIRCRAFT MISSILES

GS MISSILES
 . **ANTIAIRCRAFT MISSILES**
 . . BOMARC MISSILES
 . . FALCON MISSILE
 . . MAULER MISSILE
 . . NIKE-AJAX MISSILE
 . . NIKE-HERCULES MISSILE
 . . REDEYE MISSILE
 . . SIAM MISSILES
 . . SIDEWINDER MISSILES
 . . TARTAR MISSILE
 . . TERRIER MISSILE
 RT AIR TO AIR MISSILES
 ANTIMISSILE MISSILES
 NIKE MISSILES
 RAMJET MISSILES
 SURFACE TO AIR MISSILES

ANTIBIOTICS

GS DRUGS
 . **ANTIBIOTICS**
 . . ACTINOMYCIN
 . . PENICILLIN
 . . PLEUROTIN
 . . STREPTOMYCIN
 . . TETRACYCLINES
 RT ANTIINFECTIVES AND ANTIBACTERIALS
 MICROORGANISMS
 STEROIDS

ANTIBODIES

GS **ANTIBODIES**
 . GAMMA GLOBULIN
 RT ACQUIRED IMMUNODEFICIENCY
 SYNDROME
 ANTISERUMS
 BIOCOMPATIBILITY
 HUMAN IMMUNODEFICIENCY VIRUS
 IMMUNE SYSTEMS
 IMMUNOLOGY
 INOCULUM
 PHYSIOLOGICAL DEFENSES
 VACCINES

ANTICHOLINERGICS

UF CHOLINERGIC BLOCKING AGENTS
 GS DRUGS
 . CHOLINERGICS
 . . **ANTICHOLINERGICS**
 RT CURARE

ANTICLINES

UF ANTICLINORIA
 RT DOMES (GEOLOGY)
 GEOSYNCLINES
 ∞ LAYERS
 STRATA
 STRATIFICATION
 STRATIGRAPHY
 SYNCLINES

ANTICLINORIA

USE ANTICLINES

ANTICOAGULANTS

RT ADRENERGICS
 ∞ AGENTS
 HEPARINS
 PRESERVATIVES
 STABILIZERS (AGENTS)

ANTICONVULSANTS

GS DRUGS
 . **ANTICONVULSANTS**
 RT HEXAMETHONIUM

ANTICYCLONES

RT AIR MASSES
ATMOSPHERIC PRESSURE
CYCLONES
HIGH PRESSURE
METEOROLOGY
SYNOPTIC METEOROLOGY

ANTIIDIURETICS

GS DRUGS
. **ANTIIDIURETICS**
RT URINE

ANTIDOTES

GS DRUGS
. **ANTIDOTES**
RT INHIBITORS

ANTIEMETICS AND ANTINAUSEANTS

GS DRUGS
. **ANTIEMETICS AND ANTINAUSEANTS**
RT NAUSEA

ANTIFERROELECTRICITY

GS ELECTRICAL PROPERTIES
. **ANTIFERROELECTRICITY**
RT DIELECTRIC PROPERTIES
FERROELECTRICITY
HYSTERESIS
POLARIZATION

ANTIFERROMAGNETISM

GS MAGNETIC PROPERTIES
. **ANTIFERROMAGNETISM**
RT FERROMAGNETISM
HYSTERESIS
ISING MODEL
MAGNETIC SWITCHING
MAGNONS
NEEL TEMPERATURE
PARAMAGNETISM

ANTIFOULING

GS FOULING
. **ANTIFOULING**
RT AGENTS
CLEANING
CONTAMINATION
CORROSION PREVENTION
INHIBITORS
STERILIZATION

ANTIFREEZES

GS ADDITIVES
. **ANTIFREEZES**
RT ANTICING ADDITIVES
FREEZING

ANTIFRICTION BEARINGS

GS BEARINGS
. **ANTIFRICTION BEARINGS**
. BALL BEARINGS
. ROLLER BEARINGS
RT FRICTION REDUCTION
GAS BEARINGS
JOURNAL BEARINGS
NEEDLE BEARINGS
ROLLING CONTACT LOADS
THRUST BEARINGS

ANTIGENS

RT ANAPHYLAXIS
BIOCOMPATIBILITY
IMMUNE SYSTEMS
IMMUNOASSAY
IMMUNOLOGY
INOCULUM
PHYSIOLOGICAL DEFENSES
RADIOIMMUNOASSAY
RHESUS FACTOR
VACCINES

ANTIGRAVITY

RT GRAVITATION
MICROGRAVITY

ANTIGUA AND BARBUDA

GS LANDFORMS
. ISLANDS
. WEST INDIES
. **ANTIGUA AND BARBUDA**
NATIONS
. **ANTIGUA AND BARBUDA**
RT CARIBBEAN REGION

ANTIHISTAMINICS

GS DRUGS
. **ANTIHISTAMINICS**
. DIMENHYDRINATE
. DIPHENYL HYDANTOIN
. PROMETHAZINE
RT DECONGESTANTS
HISTAMINES

ANTIHYPERTENSIVE AGENTS

GS DRUGS
. **ANTIHYPERTENSIVE AGENTS**
RT RESERPINE

ANTICING ADDITIVES

GS ADDITIVES
. **ANTICING ADDITIVES**
RT ANTIFREEZES
DEICERS
DEICING
FUEL CONTAMINATION
ICE PREVENTION
INHIBITORS
PROPELLANT ADDITIVES
RETARDANTS

ANTIINFECTIVES AND ANTIBACTERIALS

GS DRUGS
. **ANTIINFECTIVES AND ANTIBACTERIALS**
RT ANTIBIOTICS
ANTISEPTICS
BACTERICIDES
CONTAMINATION
FUNGICIDES

ANTIKNOCK ADDITIVES

GS ADDITIVES
. **ANTIKNOCK ADDITIVES**
RT AUTOMOBILE FUELS
GASOLINE
OCTANE
OCTANES
RETARDANTS

ANTIMATTER

GS **ANTIMATTER**
. ANTIPARTICLES
. ANTINEUTRINOS
. ANTINUCLEONS
. ANTIPROTONS
. POSITRONS
RT DEGENERATE MATTER
MATTER (PHYSICS)
MATTER-ANTIMATTER PROPULSION
NEGATIVE MATTER

ANTIMISSILE DEFENSE

SN (PROTECTION AGAINST MISSILE
ATTACK)
GS AIR DEFENSE
. **ANTIMISSILE DEFENSE**
RT ANTIRADIATION MISSILES
CIVIL DEFENSE
DEFENSE
DEFENSE INDUSTRY
DEFENSE PROGRAM
MILITARY TECHNOLOGY
MISSILE DEFENSE
MISSILES
OPTICAL COUNTERMEASURES
SAFEGUARD SYSTEM
SENTINEL SYSTEM
SPACE SURVEILLANCE (GROUND
BASED)
SPACE SURVEILLANCE (SPACEBORNE)

ANTIMISSILE MISSILES

GS MISSILES
. **ANTIMISSILE MISSILES**
. MAULER MISSILE
. NIKE-ZEUS MISSILE
. SPARTAN MISSILE
. SPRINT MISSILE
RT ANTI-AIRCRAFT MISSILES
BALLISTIC MISSILES
INFRARED TRACKING
MISSILE DEFENSE
NIKE MISSILES
NIKE X SYSTEMS
SENTINEL SYSTEM
SIAM MISSILES
SPACE WEAPONS
SURFACE TO AIR MISSILES

ANTIMISTING FUELS

GS FUELS
. CHEMICAL FUELS
. LIQUID FUELS
. **ANTIMISTING FUELS**
RT ADDITIVES
AIRCRAFT FUELS
FLAME RETARDANTS
JET ENGINE FUELS
KEROSENE

ANTIMONIDES

GS ANTIMONY COMPOUNDS
. **ANTIMONIDES**
. ALUMINUM ANTIMONIDES
. CADMIUM ANTIMONIDES
. CESIUM ANTIMONIDES
. GALLIUM ANTIMONIDES
. GERMANIUM ANTIMONIDES
. INDIUM ANTIMONIDES
. ZINC ANTIMONIDES

ANTIMONY

GS CHEMICAL ELEMENTS
. METALLOIDS
. **ANTIMONY**
RT METALS

ANTIMONY ALLOYS

GS ALLOYS
. **ANTIMONY ALLOYS**
. BABBITT METAL
RT BISMUTH ALLOYS
MULBERRY (ALLOY)

ANTIMONY COMPOUNDS

GS **ANTIMONY COMPOUNDS**
. ANTIMONIDES
. ALUMINUM ANTIMONIDES
. CADMIUM ANTIMONIDES
. CESIUM ANTIMONIDES
. GALLIUM ANTIMONIDES
. GERMANIUM ANTIMONIDES
. INDIUM ANTIMONIDES
. ZINC ANTIMONIDES
. ANTIMONY FLUORIDES
RT CHEMICAL COMPOUNDS
GROUP 5A COMPOUNDS
METAL COMPOUNDS

ANTIMONY FLUORIDES

GS ANTIMONY COMPOUNDS
. **ANTIMONY FLUORIDES**
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
. **ANTIMONY FLUORIDES**
. HALIDES
. FLUORIDES
. **ANTIMONY FLUORIDES**

ANTIMONY ISOTOPES

GS CHEMICAL ELEMENTS
. METALLOIDS
. **ANTIMONY ISOTOPES**
. NUCLIDES
. ISOTOPES
. **ANTIMONY ISOTOPES**
METALS
. **ANTIMONY ISOTOPES**

ANTINEUTRINOS

GS ANTIMATTER
. ANTIPARTICLES
. **ANTINEUTRINOS**
PARTICLES
. ELEMENTARY PARTICLES
. ANTIPARTICLES
. **ANTINEUTRINOS**
. FERMIONS
. LEPTONS
. **ANTINEUTRINOS**
. NUCLEAR PARTICLES
. ANTIPARTICLES
. **ANTINEUTRINOS**
RT CHARGED PARTICLES
NEUTRINOS

ANTINODES

RT NODES (STANDING WAVES)
RAREFACTION
RESONANT FREQUENCIES
STANDING WAVES
VIBRATION
WAVELENGTHS

ANTINUCLEONS

GS ANTIMATTER
 . ANTIPARTICLES
 . . . **ANTINUCLEONS**
 PARTICLES
 . ELEMENTARY PARTICLES
 . . . ANTIPARTICLES
 **ANTINUCLEONS**
 . NUCLEAR PARTICLES
 . . . ANTIPARTICLES
 **ANTINUCLEONS**
 RT NUCLEONS

ANTIOXIDANTS

GS ADDITIVES
 . **ANTIOXIDANTS**
 RT ∞ AGENTS
 CORROSION PREVENTION
 CORROSION RESISTANCE
 INHIBITORS
 PRESERVATIVES
 PROPELLANT ADDITIVES
 RETARDANTS
 STABILIZERS (AGENTS)

ANTIPARTICLES

GS ANTIMATTER
 . **ANTIPARTICLES**
 . . ANTINEUTRINOS
 . . . ANTINUCLEONS
 . . . ANTIPROTONS
 . . . POSITRONS
 PARTICLES
 . ELEMENTARY PARTICLES
 . . **ANTIPARTICLES**
 . . . ANTINEUTRINOS
 ANTINUCLEONS
 ANTIPROTONS
 POSITRONS
 . NUCLEAR PARTICLES
 . . **ANTIPARTICLES**
 . . . ANTINEUTRINOS
 ANTINUCLEONS
 ANTIPROTONS
 POSITRONS
 RT ANNIHILATION REACTIONS
 CHARGED PARTICLES
 HYPERONS
 POMERANCHUK THEOREM
 POSITRON ANNIHILATION

ANTIPODES

RT APSIDES
 IONOSPHERIC PROPAGATION
 PROPAGATION MODES
 RADIO TRANSMISSION
 ZENITH

ANTIPROTONS

GS ANTIMATTER
 . ANTIPARTICLES
 . . **ANTIPROTONS**
 PARTICLES
 . CHARGED PARTICLES
 . . **ANTIPROTONS**
 . ELEMENTARY PARTICLES
 . . ANTIPARTICLES
 . . . **ANTIPROTONS**
 . NUCLEAR PARTICLES
 . . ANTIPARTICLES
 . . . **ANTIPROTONS**
 RT PROTONS

ANTIQUITIES

RT ARTIFACTS
 TOOLS
 WEAPONS

ANTIRADAR COATINGS

GS ABSORBERS (MATERIALS)
 . RADAR ABSORBERS
 . . **ANTIRADAR COATINGS**
 COATINGS
 . **ANTIRADAR COATINGS**
 COUNTERMEASURES
 . ELECTRONIC COUNTERMEASURES
 . . **ANTIRADAR COATINGS**
 RT ELECTRONIC WARFARE
 INORGANIC COATINGS
 METAL COATINGS
 PLASTIC COATINGS
 ∞ RAM

ANTIRADIATION DRUGS

UF RADIOPROTECTIVE AGENTS

ANTIRADIATION DRUGS--(cont.)

GS DRUGS
 . **ANTIRADIATION DRUGS**
 . . CYSTEAMINE
 RT NUCLEAR MEDICINE
 PHARMACOLOGY
 RADIATION PROTECTION
 RADIATION SICKNESS
 RADIOBIOLOGY
 RADIOPATHOLOGY

ANTIRADIATION MISSILES

GS MISSILES
 . **ANTIRADIATION MISSILES**
 RT AIR DEFENSE
 ANTIMISSILE DEFENSE
 COUNTERMEASURES
 DIGITAL RADAR SYSTEMS
 MILITARY TECHNOLOGY
 MISSILE DEFENSE
 REMOTE CONTROL

ANTIREFLECTION COATINGS

GS COATINGS
 . **ANTIREFLECTION COATINGS**
 RT LENS DESIGN
 OPTICAL REFLECTION
 OPTICAL THICKNESS
 SOLAR CELLS

ANTISEPTICS

UF DISINFECTANTS
 RT ACRIFLAVINE
 ANTIINFECTIVES AND ANTIBACTERIALS
 BACTERICIDES
 CHEMICAL STERILIZATION
 CHEMOTHERAPY
 CLEANING
 DECONTAMINATION
 ENVIRONMENTAL CONTROL
 FUMIGATION
 INFECTIOUS DISEASES
 PURIFICATION
 STERILIZATION

ANTISERUMS

RT ANTIBODIES
 IMMUNOLOGY
 SERUMS
 VACCINES

ANTISHIP MISSILES

GS MISSILES
 . **ANTISHIP MISSILES**
 RT CRUISE MISSILES
 SEA LAUNCHING
 SHIPS
 SUBMARINES
 WEAPON SYSTEMS

ANTISHIP WARFARE

GS WARFARE
 . **ANTISHIP WARFARE**
 RT MISSILES
 SEA LAUNCHING
 SHIPS
 SUBMARINES
 WARHEADS
 WEAPONS

ANTISKID DEVICES

RT AIRCRAFT BRAKES
 ARRESTING GEAR
 AUTOMOBILES
 BRAKES (FOR ARRESTING MOTION)
 ∞ DEVICES
 LANDING AIDS
 SAFETY DEVICES
 TRUCKS
 WHEEL BRAKES

ANTISTATIC DEVICES

USE STATIC DISCHARGERS

ANTISUBMARINE WARFARE

GS WARFARE
 . **ANTISUBMARINE WARFARE**
 RT ASROC ENGINE
 MILITARY TECHNOLOGY
 SONOBUOYS
 SUBMARINES
 TORPEDOES
 UNDERWATER EXPLOSIONS
 UNDERWATER TRAJECTORIES

ANTISUBMARINE WARFARE AIRCRAFT

GS **ANTISUBMARINE WARFARE AIRCRAFT**
 . BREGUET 1150 AIRCRAFT
 . CL-84 AIRCRAFT
 . P-3 AIRCRAFT
 . S-3 AIRCRAFT
 . SH-3 HELICOPTER
 . SH-4 HELICOPTER
 RT ∞ AIRCRAFT
 ATTACK AIRCRAFT
 BOMBER AIRCRAFT
 DRONE AIRCRAFT
 H-25 HELICOPTER
 ∞ MILITARY AIRCRAFT
 OBSERVATION AIRCRAFT
 P-531 HELICOPTER
 RECONNAISSANCE AIRCRAFT
 S-61 HELICOPTER
 SUBMERSIBLE AIRCRAFT
 V/STOL AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

ANTISYMMETRY

RT ASYMMETRY
 SYMMETRY

ANTITANK MISSILES

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . **ANTITANK MISSILES**
 . . . SHILLELAGH MISSILES
 . . . TOW MISSILES

ANTONOV AIRCRAFT

GS **ANTONOV AIRCRAFT**
 . AN-2 AIRCRAFT
 . AN-22 AIRCRAFT
 . AN-24 AIRCRAFT
 RT ∞ AIRCRAFT

ANTONOV AN-22 AIRCRAFT

USE AN-22 AIRCRAFT

ANTONOV AN-24 AIRCRAFT

USE AN-24 AIRCRAFT

ANVIL CLOUDS

GS CLOUDS (METEOROLOGY)
 . CONVECTION CLOUDS
 . . CUMULONIMBUS CLOUDS
 . . . **ANVIL CLOUDS**
 . . . CUMULUS CLOUDS
 . . . **ANVIL CLOUDS**
 RT ATMOSPHERIC MOISTURE
 CLIMATOLOGY
 CLOUD COVER
 FOG
 METEOROLOGY
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 THUNDERSTORMS
 WEATHER

ANVILS

RT COMPRESSING
 TOOLS

ANXIETY

RT DETACHMENT
 FEAR
 PHOBIAS
 TAYLOR MANIFEST ANXIETY SCALE

AO-1 AIRCRAFT

USE OV-1 AIRCRAFT

AOIPS

USE ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS

AORTA

GS ANATOMY
 . CIRCULATORY SYSTEM
 . . CARDIOVASCULAR SYSTEM
 . . . BLOOD VESSELS
 ARTERIES
 **AORTA**
 RT HEART

AOSO

UF ADVANCED ORBITING SOLAR
 OBSERVATORY
 GS OBSERVATORIES

AOSO--(cont.)

- . ASTRONOMICAL OBSERVATORIES
- . ASTRONOMICAL SATELLITES
- OSO
- **AOSO**
- . SOLAR OBSERVATORIES
- OSO
- **AOSO**
- RT SUN

APACHE ROCKET VEHICLE

- GS ROCKET VEHICLES
- . SOUNDING ROCKETS
- . . . **APACHE ROCKET VEHICLE**
- RT SONDES

APATITES

- USE CALCIUM PHOSPHATES
- MINERALS

APERIODIC FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
- . **APERIODIC FUNCTIONS**
- FUNCTIONS (MATHEMATICS)
- . **APERIODIC FUNCTIONS**
- RT COMPLEX VARIABLES
- REAL VARIABLES

APERTURES

- GS OPENINGS
- . **APERTURES**
- . . . IRISES (MECHANICAL APERTURES)
- . . . SYNTHETIC APERTURES
- RT BOUNDARY ELEMENT METHOD
- CAVITIES
- DOORS
- GATES (OPENINGS)
- INFRARED WINDOWS
- LOUVERS
- ORIFICES
- OUTLETS
- PINHOLE CAMERAS
- PORTS (OPENINGS)
- SLITS
- SYNTHETIC ARRAYS
- VENTS
- VSAT (NETWORK)
- WINDOWS (APERTURES)

APES

- GS ANIMALS
- . VERTEBRATES
- . . . MAMMALS
- PRIMATES
- **APES**
- CHIMPANZEES

APEXES

- UF VERTICES
- RT ALTITUDE
- APHELIONS
- APOGEES
- MAXIMA
- ORBITS
- . . . PEAKS
- PLATEAUS
- TRAJECTORIES
- ZENITH

APHELIONS

- GS APSIDES
- . **APHELIONS**
- RT APEXES
- ELLIPTICAL ORBITS
- ORBITS
- PERIHELIONS
- SOLAR ORBITS

APL (PROGRAMMING LANGUAGE)

- GS LANGUAGES
- . PROGRAMMING LANGUAGES
- . . . **APL (PROGRAMMING LANGUAGE)**
- RT COMPUTER PROGRAMMING

APNEA

- USE RESPIRATION

APOGEE BOOST MOTORS

- UF ABM
- GS ENGINES
- . ROCKET ENGINES
- . . . BOOSTER ROCKET ENGINES
- . . . **APOGEE BOOST MOTORS**

APOGEE BOOST MOTORS--(cont.)

- . . . SOLID PROPELLANT ROCKET
- . . . ENGINES
- . . . **APOGEE BOOST MOTORS**
- RT . . . BOOSTERS
- MOTORS

APOGEES

- GS APSIDES
- . **APOGEES**
- RT APEXES
- EARTH ORBITS
- ELLIPTICAL ORBITS
- ORBITS
- PERIGEEES

APOLLO APPLICATIONS PROGRAM

- GS PROGRAMS
- . NASA PROGRAMS
- . . . NASA SPACE PROGRAMS
- . . . **APOLLO APPLICATIONS PROGRAM**
- . . . SPACE PROGRAMS
- . . . NASA SPACE PROGRAMS
- . . . **APOLLO APPLICATIONS PROGRAM**
- RT AAP 1 MISSION
- AAP 2 MISSION
- AAP 3 MISSION
- AAP 4 MISSION
- AIRLOCK MODULES
- EARTH RESOURCES PROGRAM
- EARTH RESOURCES SURVEY PROGRAM
- SATURN PROJECT
- SATURN WORKSHOPS
- SATURN 1 WORKSHOP
- SATURN 5 WORKSHOP
- SKYLAB PROGRAM

APOLLO ASTEROIDS

- GS CELESTIAL BODIES
- . ASTEROID BELTS
- . . . ASTEROIDS
- . . . **APOLLO ASTEROIDS**
- RT ASTRONOMY
- CHIRON
- EARTH ORBITS
- JUPITER (PLANET)
- MARS (PLANET)
- PLANETARY ORBITS
- SOLAR SYSTEM

APOLLO EXTENSION SYSTEM

- RT EXOBIOLOGY
- EXTRAVEHICULAR ACTIVITY
- LUNAR LANDING MODULES
- MANNED SPACE FLIGHT
- NASA PROGRAMS
- ORBITAL WORKSHOPS
- . . . SYSTEMS

APOLLO FLIGHTS

- GS SPACE FLIGHT
- . MANNED SPACE FLIGHT
- . . . **APOLLO FLIGHTS**
- . . . APOLLO 5 FLIGHT
- . . . APOLLO 6 FLIGHT
- . . . APOLLO 7 FLIGHT
- . . . APOLLO 8 FLIGHT
- . . . APOLLO 9 FLIGHT
- . . . APOLLO 10 FLIGHT
- . . . APOLLO 11 FLIGHT
- . . . APOLLO 12 FLIGHT
- . . . APOLLO 13 FLIGHT
- . . . APOLLO 14 FLIGHT
- . . . APOLLO 15 FLIGHT
- . . . APOLLO 16 FLIGHT
- . . . APOLLO 17 FLIGHT
- RT SKYLAB PROGRAM

APOLLO LUNAR EXPERIMENT MODULE

- GS LUNAR SPACECRAFT
- . APOLLO SPACECRAFT
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**
- . . . LUNAR LANDING MODULES
- . . . LUNAR MODULE
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**
- . . . MANEUVERABLE SPACECRAFT
- . . . APOLLO SPACECRAFT
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**
- . . . MANNED SPACECRAFT
- . . . APOLLO SPACECRAFT
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**

APOLLO LUNAR EXPERIMENT MODULE--(cont.)

- . LUNAR MODULE
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**
- . . . REENTRY VEHICLES
- . . . RECOVERABLE SPACECRAFT
- . . . APOLLO SPACECRAFT
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**
- . . . SOFT LANDING SPACECRAFT
- . . . APOLLO SPACECRAFT
- . . . **APOLLO LUNAR EXPERIMENT**
- . . . **MODULE**
- . . . LANDING MODULES
- . . . LUNAR LANDING MODULES
- . . . LUNAR MODULE
- **APOLLO LUNAR EXPERIMENT**
- **MODULE**
- RT LUNAR EXPLORATION
- LUNAR LANDING

APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE

- UF ALSEP
- GS PACKAGES
- . INSTRUMENT PACKAGES
- . . . **APOLLO LUNAR SURFACE**
- . . . **EXPERIMENTS PACKAGE**
- RT . . . INSTRUMENTS
- LUNAR EXPLORATION
- LUNAR RETROREFLECTORS
- PAYLOADS
- . . . SURFACES

APOLLO PROJECT

- GS PROGRAMS
- . LUNAR PROGRAMS
- . . . **APOLLO PROJECT**
- . . . NASA PROGRAMS
- . . . NASA SPACE PROGRAMS
- . . . **APOLLO PROJECT**
- . . . PROJECTS
- . . . **APOLLO PROJECT**
- . . . SPACE PROGRAMS
- . . . NASA SPACE PROGRAMS
- . . . **APOLLO PROJECT**
- RT AAP 1 MISSION
- AAP 2 MISSION
- AAP 3 MISSION
- AAP 4 MISSION
- ADVANCED RANGE INSTRUMENTATION
- AIRCRAFT
- COMMAND SERVICE MODULES
- LSSM
- LUNAR EXPLORATION
- LUNAR EXPLORATION SYSTEM FOR
- APOLLO
- LUNAR MOBILE LABORATORIES
- LUNAR PROBES
- MANNED SPACECRAFT
- MARQUARDT R4D ENGINE
- MERCURY PROJECT
- SATURN LAUNCH VEHICLES
- SATURN WORKSHOPS
- SATURN 1 WORKSHOP
- SATURN 5 WORKSHOP
- SIM
- SITE DATA PROCESSORS
- SKYLAB PROGRAM
- SOFT LANDING SPACECRAFT

APOLLO SHORT STACK

- RT SPACECRAFT CONFIGURATIONS

APOLLO SOYUZ TEST PROJECT

- UF ASTP
- GS PROGRAMS
- . PROJECTS
- . . . **APOLLO SOYUZ TEST PROJECT**
- RT INTERNATIONAL COOPERATION
- INTERNATIONAL RELATIONS
- MANNED SPACECRAFT
- RENDEZVOUS
- SOYUZ SPACECRAFT
- SPACE FLIGHT
- SPACE MISSIONS
- SPACE PROGRAMS
- SPACE RENDEZVOUS
- SPACECREW TRANSFER
- U.S.S.R. SPACE PROGRAM

APOLLO SPACECRAFT

- GS LUNAR SPACECRAFT
- . **APOLLO SPACECRAFT**

APOLLO SPACECRAFT--(cont.)

.. APOLLO LUNAR EXPERIMENT
MODULE
MANEUVERABLE SPACECRAFT
.. **APOLLO SPACECRAFT**
.. APOLLO LUNAR EXPERIMENT
MODULE
MANNED SPACECRAFT
.. **APOLLO SPACECRAFT**
.. APOLLO LUNAR EXPERIMENT
MODULE
REENTRY VEHICLES
.. RECOVERABLE SPACECRAFT
.. **APOLLO SPACECRAFT**
... APOLLO LUNAR EXPERIMENT
MODULE
SOFT LANDING SPACECRAFT
.. **APOLLO SPACECRAFT**
.. APOLLO LUNAR EXPERIMENT
MODULE
RT COMMAND MODULES
LANDING MODULES
LUNAR MODULE
LUNAR MODULE 5
LUNAR MODULE 7
MANNED ORBITAL LABORATORIES
SATURN PROJECT
SERVICE MODULES
SKYLAB PROGRAM
UNIFIED S BAND

APOLLO TELESCOPE MOUNT

GS SPACECRAFT CONFIGURATIONS
.. **APOLLO TELESCOPE MOUNT**
TELESCOPES
.. MANNED ORBITAL TELESCOPES
.. **APOLLO TELESCOPE MOUNT**
RT SKYLAB PROGRAM

APOLLO 5 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 5 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 6 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 6 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 7 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 7 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 8 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 8 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION

APOLLO 8 FLIGHT--(cont.)

LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 9 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 9 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE

APOLLO 10 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 10 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 11 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 11 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 12 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 12 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 13 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 13 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 14 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 14 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION

APOLLO 14 FLIGHT--(cont.)

LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 15 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 15 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES
SIM

APOLLO 16 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 16 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 17 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
... **APOLLO 17 FLIGHT**
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APPALACHIAN MOUNTAINS (NORTH AMERICA)

GS LANDFORMS
.. MOUNTAINS
... **APPALACHIAN MOUNTAINS (NORTH AMERICA)**
RT NORTH AMERICA

APPARATUS

USE EQUIPMENT

APPEARANCE

RT IMAGERY
QUALITY
VISIBILITY

APPENDAGES

GS **APPENDAGES**
.. ARM (ANATOMY)
.. ELBOW (ANATOMY)
.. FOREARM
.. HAND (ANATOMY)
.. FINGERS
.. LEG (ANATOMY)
.. FEET (ANATOMY)
.. KNEE (ANATOMY)
RT ANATOMY
HUMAN BODY
LIMBS (ANATOMY)

APPENDIX (ANATOMY)

GS ANATOMY
.. DIGESTIVE SYSTEM
.. GASTROINTESTINAL SYSTEM
... **APPENDIX (ANATOMY)**
RT INTESTINES

APPLICATION

USE UTILIZATION

APPLICATION SPECIFIC INTEGRATED CIRCUITS

UF ASIC

CUSTOM INTEGRATED CIRCUITS

GS CIRCUITS

INTEGRATED CIRCUITS

APPLICATION SPECIFIC INTEGRATED CIRCUITS

RT CHIPS (ELECTRONICS)

LARGE SCALE INTEGRATION

VERY LARGE SCALE INTEGRATION

APPLICATIONS EXPLORER SATELLITES

GS ARTIFICIAL SATELLITES

SCIENTIFIC SATELLITES

EXPLORER SATELLITES

APPLICATIONS EXPLORER SATELLITES

RT HEAT CAPACITY MAPPING MISSION

APPLICATIONS OF MATHEMATICSSN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

UF MATHEMATICAL ANALYSIS

RT ANALYSIS (MATHEMATICS)

APPROXIMATION

COMBINATORIAL ANALYSIS

COMPUTATION

DIMENSIONAL ANALYSIS

DYNAMIC PROGRAMMING

ECONOMETRICS

ERROR ANALYSIS

FINITE ELEMENT METHOD

FRACTALS

FUNCTIONS (MATHEMATICS)

INFORMATION THEORY

KALMAN-SCHMIDT FILTERING

LINEAR PROGRAMMING

MATHEMATICAL MODELS

NONLINEAR PROGRAMMING

NUMERICAL ANALYSIS

OPERATIONAL CALCULUS

OPERATIONS RESEARCH

OPTIMIZATION

PARAMETERIZATION

PROBABILITY THEORY

STATISTICAL ANALYSIS

STOCHASTIC PROCESSES

TIME SERIES ANALYSIS

APPLICATIONS PROGRAMS (COMPUTERS)

GS COMPUTER PROGRAMS

APPLICATIONS PROGRAMS (COMPUTERS)

NASTRAN

RT COMPUTERS

APPLICATIONS TECHNOLOGY SATELLITES

USE ATS

APPROACHGS **APPROACH**

AIRBORNE RADAR APPROACH

DELAYED FLAP APPROACH

INSTRUMENT APPROACH

RT AIR TRAFFIC CONTROL

AIRCRAFT APPROACH SPACING

ARRIVALS

DESCENT

FLIGHT PATHS

FLIGHT PLANS

GROUND BASED CONTROL

GUIDANCE (MOTION)

LANDING

LANDING AIDS

PASSAGEWAYS

TOUCHDOWN

APPROACH AND LANDING TESTS (STS)

RT EVALUATION

HORIZONTAL SPACECRAFT LANDING

LANDING

MANNED SPACECRAFT

PROVING

SPACE SHUTTLES

SPACE TRANSPORTATION SYSTEM

SPACECRAFT LANDING

TESTS

TOUCHDOWN

APPROACH CONTROLGS **APPROACH CONTROL****APPROACH CONTROL--(cont.)**

RT RADAR APPROACH CONTROL

AIR TRAFFIC CONTROL

AIRCRAFT APPROACH SPACING

AIRCRAFT COMMUNICATION

AIRCRAFT GUIDANCE

AIRCRAFT MANEUVERS

AUTOMATED EN ROUTE ATC

COLLISION AVOIDANCE

CONTROL

FLIGHT PATHS

GLIDE PATHS

GROUND BASED CONTROL

INSTRUMENT APPROACH

INSTRUMENT FLIGHT RULES

INSTRUMENT LANDING SYSTEMS

LANDING AIDS

LANDING RADAR

MICROWAVE LANDING SYSTEMS

NIGHT FLIGHTS (AIRCRAFT)

RUNWAY LIGHTS

TRACKING (POSITION)

TRAFFIC CONTROL

VISUAL CONTROL

APPROACH INDICATORS

GS AIRCRAFT INSTRUMENTS

APPROACH INDICATORS

DISPLAY DEVICES

APPROACH INDICATORS

FLIGHT INSTRUMENTS

APPROACH INDICATORS

LANDING AIDS

LANDING INSTRUMENTS

APPROACH INDICATORS

MEASURING INSTRUMENTS

INDICATING INSTRUMENTS

APPROACH INDICATORS

RT AIR TRAFFIC CONTROL

ALTIMETERS

BLIND LANDING

GLIDE PATHS

INSTRUMENT APPROACH

INSTRUMENT LANDING SYSTEMS

MICROWAVE SCANNING BEAM LANDING

SYSTEM

NAVIGATION AIDS

RADAR APPROACH CONTROL

SOLAR COMPASSES

SPEED INDICATORS

APPROPRIATIONS

RT BUDGETING

COST ESTIMATES

FEDERAL BUDGETS

GRANTS

APPROXIMATION

UF APPROXIMATION METHODS

NOMINAL VALUES

TRUNCATION (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)

NUMERICAL ANALYSIS

APPROXIMATION

BORN APPROXIMATION

BORN-OPPENHEIMER

APPROXIMATION

CHEBYSHEV APPROXIMATION

EDDINGTON APPROXIMATION

ESSENTIALLY NON-OSCILLATORY

SCHEMES

FINITE DIFFERENCE THEORY

FINITE ELEMENT METHOD

HARTREE APPROXIMATION

LEAST SQUARES METHOD

MEAN SQUARE VALUES

MILNE METHOD

MULTIGRID METHODS

NEWTON METHODS

NEWTON-RAPHSON METHOD

NUMERICAL DIFFERENTIATION

OSEN APPROXIMATION

PADE APPROXIMATION

PARTICLE IN CELL TECHNIQUE

POHLHAUSEN METHOD

PREDICTOR-CORRECTOR METHODS

RAYLEIGH-RITZ METHOD

RELAXATION METHOD

(MATHEMATICS)

RITZ AVERAGING METHOD

SCHWARTZ METHOD

SOMMERFELD APPROXIMATION

TVD SCHEMES

UPWIND SCHEMES (MATHEMATICS)

VORTEX IN CELL TECHNIQUE

APPROXIMATION--(cont.)

RT APPLICATIONS OF MATHEMATICS

CENSORED DATA (MATHEMATICS)

DIFFERENCE EQUATIONS

EQUATIONS

FORM FACTORS

GLAUBER THEORY

METHODODOLOGY

MINIMAX TECHNIQUE

NUMERICAL STABILITY

PROBLEM SOLVING

RELATIONSHIPS

SPLINE FUNCTIONS

STATIC MODELS

STATISTICAL ANALYSIS

APPROXIMATION METHODS

USE APPROXIMATION

APSIDAL ANGLES

USE APSIDES

APSIDES

UF APSIDAL ANGLES

GS **APSIDES**

APHELIONS

APOGEES

PERIGEEES

PERIHELIONS

PERILUNES

RT ANGLES (GEOMETRY)

ANTIPODES

ELLIPTICAL ORBITS

ORBITAL ELEMENTS

ORBITAL MECHANICS

APT (PICTURE TRANSMISSION)

USE AUTOMATIC PICTURE TRANSMISSION

APTITUDE

RT LEARNING

PERSONNEL SELECTION

AQUARID METEORIODS

GS CELESTIAL BODIES

METEOROID SHOWERS

AQUARID METEORIODS

METEORIODS

AQUARID METEORIODS

RT ORIONID METEORIODS

AQUATIC PLANTS

GS PLANTS (BOTANY)

AQUATIC PLANTS

PHYTOPLANKTON

RT AQUICULTURE

HYDROPONICS

MARINE BIOLOGY

AQUEOUS SOLUTIONS

GS MIXTURES

SOLUTIONS

AQUEOUS SOLUTIONS

RT HYDRATES

SOLVATION

AQUICULTURE

RT AQUATIC PLANTS

FISHERIES

FISHES

HYDROPONICS

MARINE BIOLOGY

MARINE ENVIRONMENTS

MARINE RESOURCES

MARINE TECHNOLOGY

NUTRIENTS

TIDAL FLATS

AQUIFERS

GS RESOURCES

EARTH RESOURCES

WATER RESOURCES

AQUIFERS

RT FRESH WATER

GRAVELS

GROUND WATER

HYDROGEOLOGY

HYDROLOGY

HYDROTHERMAL SYSTEMS

LAKES

LIMNOLOGY

OASES

PERMEABILITY

PONDS

AQUIFERS--(cont.)

POROSITY
RAIN
SANDS
SPRINGS (WATER)
STREAMS
WATER
WATER TABLES
WELLS

ARABIAN COMMERCIAL SATELLITE
USE ARCOMSAT**ARABIAN SEA**

GS SEAS
RT ARABIAN SEA
INDIAN OCEAN

ARABSAT

GS ARTIFICIAL SATELLITES
RT ARABSAT
INTERNATIONAL COOPERATION
SAUDI ARABIAN SPACE PROGRAM

ARAGONITE

GS CALCIUM COMPOUNDS
CALCIUM CARBONATES
ARAGONITE
CARBON COMPOUNDS
CARBONATES
CALCIUM CARBONATES
ARAGONITE
MINERALS
ARAGONITE
SILICON COMPOUNDS
SILICATES
ARAGONITE
RT CALCITE

ARAMID FIBER COMPOSITES

SN (ARAMID FIBER UTILIZATION IN
COMPOSITES. FOR PROPERTIES OF
ARAMID FIBERS THEMSELVES USE
'ARAMID FIBERS'.)
GS COMPOSITE MATERIALS
FIBER COMPOSITES
ARAMID FIBER COMPOSITES
RT ARAMID FIBERS
EPOXY MATRIX COMPOSITES
KEVLAR (TRADEMARK)
METAL MATRIX COMPOSITES
POLYAMIDE RESINS
POLYMER MATRIX COMPOSITES
REINFORCED PLASTICS
WHISKER COMPOSITES

ARAMID FIBERS

SN (PROPERTIES OF ARAMID FIBERS
THEMSELVES. FOR ARAMID FIBER
UTILIZATION IN COMPOSITES USE
'ARAMID FIBER COMPOSITES'.)
GS FIBERS
REINFORCING FIBERS
ARAMID FIBERS
SYNTHETIC FIBERS
ARAMID FIBERS
RT ARAMID FIBER COMPOSITES
COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
FIBER COMPOSITES
FIBER ORIENTATION
FIBER STRENGTH
LAY-UP
PLASTICS
POLYAMIDE RESINS
REINFORCED PLASTICS
REINFORCING MATERIALS
RESIN MATRIX COMPOSITES

ARC CHAMBERS

RT CHAMBERS
ELECTRIC ARCS
PLASMA GENERATORS
THRUST CHAMBERS

ARC CLOUDS

GS CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
ARC CLOUDS
CYCLOGENESIS
FRONTS (METEOROLOGY)
MESOSCALE PHENOMENA
METEOROLOGY
OBSERVATION AIRCRAFT
SATELLITE OBSERVATION

ARC CLOUDS--(cont.)

THUNDERSTORMS

ARC DISCHARGES

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
ARC DISCHARGES
RT ELECTRIC ARCS

ARC GENERATORS

RT ELECTRIC ARCS
ELECTRIC GENERATORS
ELECTROSTATIC GENERATORS
GENERATORS
INDUCTION
INDUCTORS
PLASMA GENERATORS
SPARK GAPS
SPARK PLUGS
VOLTAGE GENERATORS

ARC HEATING

UF GERDIEN ARC HEATERS
GS HEATING
ARC HEATING
RT GAS HEATING
IMAGE FURNACES
PLASMA HEATING
RESISTANCE HEATING
SAHA EQUATIONS

ARC JET ENGINES

GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
ARC JET ENGINES
RT ELECTRIC PROPULSION
ELECTROSTATIC ENGINES
ION ENGINES
PLASMA ENGINES
RESISTOJET ENGINES

ARC LAMPS

GS LIGHTING EQUIPMENT
LUMINAIRES
ARC LAMPS
RT CARBON ARCS
LIGHT SOURCES
MERCURY ARCS
SEARCHLIGHTS
XENON LAMPS

ARC MELTING

GS PHASE TRANSFORMATIONS
MELTING
ARC MELTING
RT DROP TRANSFER
ELECTROSLAG REFINING
VACUUM MELTING
ZONE MELTING

ARC SPRAYING

UF PLASMA ARC SPRAYING
GS SPRAYING
ARC SPRAYING
RT METAL SPRAYING

ARC WELDING

GS WELDING
FUSION WELDING
ELECTRIC WELDING
ARC WELDING
GAS TUNGSTEN ARC WELDING
PLASMA ARC WELDING
RT ELECTRON BEAM WELDING
HEAT AFFECTED ZONE
PRESSURE WELDING
SPOT WELDS
SPUTTERING

ARCAS ROCKET VEHICLES

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
ARCAS ROCKET VEHICLES
SOUNDING ROCKETS
ARCAS ROCKET VEHICLES
RT RADIOSONDES
SOLID PROPELLANT ROCKET ENGINES
VEHICLES

ARCHAEBACTERIA

GS MICROORGANISMS
BACTERIA

ARCHAEBACTERIA--(cont.)

RT ARCHAEBACTERIA
BACTERIOLOGY
BIOLOGICAL EVOLUTION
PALEOBIOLOGY
PALEONTOLOGY

ARCHAEOLOGY

RT ANTHROPOLOGY
CULTURAL RESOURCES
FOSSILS
PALEOMAGNETISM

ARCHES

RT PERFORATED SHELLS
RIGID STRUCTURES
SHELLS (STRUCTURAL FORMS)
TRUSSES

ARCHIPELAGOES

RT ALEUTIAN ISLANDS (US)
ISLANDS
LANDFORMS
SEAS
SPITSBERGEN (NORWAY)
VIRGIN ISLANDS

ARCHITECTURE

RT ACOUSTICS
BUILDINGS
CONSTRUCTION
CONSTRUCTION MATERIALS
HUMAN FACTORS ENGINEERING
ILLUMINATING
PLANT DESIGN
STARSITE PROGRAM
STRUCTURAL DESIGN
STRUCTURES

ARCHITECTURE (COMPUTERS)

UF COMPUTER ARCHITECTURE
RT COMPUTER DESIGN
CONCURRENT PROCESSING
CONNECTION MACHINE
DISTRIBUTED PROCESSING
HYPERCUBE MULTIPROCESSORS
LOCAL AREA NETWORKS
LOGIC CIRCUITS
LOGIC DESIGN
MASSIVELY PARALLEL PROCESSORS
MEMORY (COMPUTERS)
MIMD (COMPUTERS)
MODULARITY
PROGRAMMABLE LOGIC DEVICES
SIMD (COMPUTERS)
SOFTWARE TOOLS
SUPERCOMPUTERS
SYSTOLIC ARRAYS
TRANSPUTERS
VERY LARGE SCALE INTEGRATION

ARCOMSAT

UF ARABIAN COMMERCIAL SATELLITE
GS ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
ARCOMSAT
RT AFRICA
INTERNATIONAL COOPERATION
SAUDI ARABIAN SPACE PROGRAM
SYMPHONIE SATELLITES
SYNCHRONOUS SATELLITES

ARCON ROCKET VEHICLE

GS ROCKET VEHICLES
ARCON ROCKET VEHICLE
RT VEHICLES

ARCS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW
RT AURORAL ARCS
CURVES (GEOMETRY)
ELECTRIC ARCS
ISLAND ARCS
MAGNETIC ANNULAR ARC
PLASMA JETS
RED ARCS

ARCTIC ENVIRONMENTS

USE ICE ENVIRONMENTS

ARCTIC OCEAN

GS OCEANS

ARCTIC REGIONS

ARCTIC OCEAN--(cont.)

- RT ARCTIC OCEAN
- BARENTS SEA
- BEAUFORT SEA (NORTH AMERICA)
- GREENLAND
- SPIITSBERGEN (NORWAY)

ARCTIC REGIONS

- GS NORTHERN HEMISPHERE
- ARCTIC REGIONS
- REGIONS
- POLAR REGIONS
- ARCTIC REGIONS
- REMOTE REGIONS
- ARCTIC REGIONS
- RT CHUKCHI SEA
- CLIMATOLOGY
- GEOGRAPHY
- MUSKEGS
- NUNATAKS
- OZONE DEPLETION
- POLAR CAPS
- SIBERIA
- SUBARCTIC REGIONS
- TUNDRA

AREA

- RT CROSS SECTIONS
- GEOMETRY
- INTEGRAL CALCULUS
- LINE OF SIGHT
- SECTORS
- SURFACES
- VOLUME

AREA NAVIGATION

- GS NAVIGATION
- AIR NAVIGATION
- AREA NAVIGATION
- RT FLIGHT PATHS
- GROUND TRACKS

AREND-ROLAND COMET

- GS CELESTIAL BODIES
- COMETS
- AREND-ROLAND COMET
- RT SOLAR SYSTEM

ARES (SPACECRAFT)

- USE ADVANCED RECONN ELECTRIC
- SPACECRAFT

ARETS

- USE ARIZONA REGIONAL ECOLOGICAL TEST
- SITE

ARGENTINA

- GS NATIONS
- ARGENTINA
- RT ARGENTINE SPACE PROGRAM
- SOUTH AMERICA

ARGENTINE SPACE PROGRAM

- GS PROGRAMS
- SPACE PROGRAMS
- ARGENTINE SPACE PROGRAM
- RT ARGENTINA

ARGO ROCKET VEHICLES

- GS ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- ARGO ROCKET VEHICLES
- RT HONEST JOHN ROCKET VEHICLE
- JAVELIN ROCKET VEHICLE
- NIKE-AJAX MISSILE
- SOLID PROPELLANT ROCKET ENGINES
- SOUNDING ROCKETS
- VEHICLES

ARGON

- GS CHEMICAL ELEMENTS
- RARE GASES
- ARGON
- ARGON ISOTOPES
- GASES
- RARE GASES
- ARGON
- ARGON ISOTOPES
- RT RADIATION TRAPPING

ARGON ISOTOPES

- GS CHEMICAL ELEMENTS
- NUCLIDES
- ISOTOPES

ARGON ISOTOPES--(cont.)

- ARGON ISOTOPES
- RARE GASES
- ARGON
- ARGON ISOTOPES
- GASES
- RARE GASES
- ARGON
- ARGON ISOTOPES

ARGON LASERS

- GS STIMULATED EMISSION DEVICES
- LASERS
- ARGON LASERS
- RT CHEMICAL LASERS
- CONTINUOUS WAVE LASERS
- GAS MASERS
- INFRARED LASERS
- MACH-ZEHNDER INTERFEROMETERS
- MOLECULAR OSCILLATIONS
- PULSED LASERS
- Q SWITCHED LASERS
- STIMULATED EMISSION

ARGON PLASMA

- GS PARTICLES
- CHARGED PARTICLES
- ENERGETIC PARTICLES
- PLASMAS (PHYSICS)
- ARGON PLASMA
- RT HELIUM PLASMA
- HYDROGEN PLASMA
- OXYGEN PLASMA

ARGON-OXYGEN ATMOSPHERES

- GS CONTROLLED ATMOSPHERES
- ARGON-OXYGEN ATMOSPHERES
- RT AEROSPACE ENVIRONMENTS
- ATMOSPHERES
- BREATHING
- GAS MIXTURES
- PORTABLE LIFE SUPPORT SYSTEMS
- UNDERWATER BREATHING APPARATUS

ARGOS SYSTEM

- GS SATELLITE NETWORKS
- ARGOS SYSTEM
- RT DATA COLLECTION PLATFORMS
- DATA TRANSMISSION
- OCEAN DATA ACQUISITIONS SYSTEMS
- SATELLITE DOPPLER POSITIONING

ARGOSY MK-1 AIRCRAFT

- GS HAWKER SIDDELEY AIRCRAFT
- ARGOSY MK-1 AIRCRAFT
- JET AIRCRAFT
- TURBOPROP AIRCRAFT
- ARGOSY MK-1 AIRCRAFT
- MONOPLANES
- ARGOSY MK-1 AIRCRAFT
- TRANSPORT AIRCRAFT
- ARGOSY MK-1 AIRCRAFT
- RT AIRCRAFT

ARGUMENTS (MATHEMATICS)

- USE INDEPENDENT VARIABLES

ARGUS PROJECT

- GS PROGRAMS
- PROJECTS
- ARGUS PROJECT
- RT THERMONUCLEAR EXPLOSIONS

ARIANE LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- ARIANE LAUNCH VEHICLE
- ROCKET VEHICLES
- MULTISTAGE ROCKET VEHICLES
- ARIANE LAUNCH VEHICLE
- RT ELDO LAUNCH VEHICLE
- EUROPA LAUNCH VEHICLES
- EUROPEAN SPACE AGENCY
- EUROPEAN SPACE PROGRAMS
- GEOSARI PROJECT

ARID LANDS

- GS LAND
- ARID LANDS
- RT BARREN LAND
- DEATH VALLEY (CA)
- DESERTIFICATION
- DESERTLINE
- DESERTS
- DROUGHT

NASA THESAURUS VOLUME 1

ARID LANDS--(cont.)

- EARTH ENVIRONMENT
- EARTH RESOURCES
- EQUATORIAL REGIONS
- Gobi DESERT
- MOJAVE DESERT (CA)
- OASES
- SAHARA DESERT (AFRICA)
- STEPPES
- WADIS

ARIEL

- GS CELESTIAL BODIES
- NATURAL SATELLITES
- ICY SATELLITES
- ARIEL
- URANUS SATELLITES
- ARIEL
- RT URANUS (PLANET)

ARIEL SATELLITES

- GS ARTIFICIAL SATELLITES
- ARIEL SATELLITES
- ARIEL 1 SATELLITE
- ARIEL 2 SATELLITE
- ARIEL 3 SATELLITE
- ARIEL 4 SATELLITE
- ARIEL 5 SATELLITE
- RT GEOPHYSICAL SATELLITES
- THOR DELTA LAUNCH VEHICLE

ARIEL 1 SATELLITE

- UF S-51 SATELLITE
- GS ARTIFICIAL SATELLITES
- ARIEL SATELLITES
- ARIEL 1 SATELLITE

ARIEL 2 SATELLITE

- UF S-52 SATELLITE
- GS ARTIFICIAL SATELLITES
- ARIEL SATELLITES
- ARIEL 2 SATELLITE

ARIEL 3 SATELLITE

- GS ARTIFICIAL SATELLITES
- ARIEL SATELLITES
- ARIEL 3 SATELLITE

ARIEL 4 SATELLITE

- GS ARTIFICIAL SATELLITES
- ARIEL SATELLITES
- ARIEL 4 SATELLITE
- RT IONOSPHERIC ELECTRON DENSITY
- IONOSPHERIC SOUNDING

ARIEL 5 SATELLITE

- GS ARTIFICIAL SATELLITES
- ARIEL SATELLITES
- ARIEL 5 SATELLITE

ARIES CONSTELLATION

- GS CONSTELLATIONS
- ARIES CONSTELLATION
- RT CELESTIAL BODIES
- CELESTIAL SPHERE
- STARS

ARIES SOUNDING ROCKET

- GS ROCKET VEHICLES
- SOUNDING ROCKETS
- ARIES SOUNDING ROCKET

ARIETID METEORIODS

- GS CELESTIAL BODIES
- METEOROID SHOWERS
- ARIETID METEORIODS
- METEORIODS
- ARIETID METEORIODS

ARIP (IMPACT PREDICTION)

- USE COMPUTERIZED SIMULATION
- IMPACT PREDICTION

ARIS INSTRUMENTATION SHIP

- USE ADVANCED RANGE INSTRUMENTATION
- SHIP

ARITHMETIC

- GS NUMBER THEORY
- ARITHMETIC
- DOUBLE PRECISION ARITHMETIC
- FIXED POINT ARITHMETIC
- FLOATING POINT ARITHMETIC
- RT ADDITION

ARITHMETIC--(cont.)

CALCULATORS
COMPUTATION
DIVIDING (MATHEMATICS)
EXPONENTS
INTEGERS
MULTIPLICATION
SUBTRACTION
SUMS

ARITHMETIC AND LOGIC UNITS

UF ALU (COMPUTER COMPONENTS)
LOGIC UNITS
GS CENTRAL PROCESSING UNITS
. **ARITHMETIC AND LOGIC UNITS**
RT COMPUTER COMPONENTS
COMPUTERS
DOUBLE PRECISION ARITHMETIC
LOGIC CIRCUITS

ARIZONA

GS NATIONS
. UNITED STATES
. **ARIZONA**
RT ARIZONA REGIONAL ECOLOGICAL TEST
SITE
COLORADO PLATEAU (US)
COLORADO RIVER (NORTH AMERICA)
GRAND CANYON (AZ)
PHOENIX (AZ)
PHOENIX QUADRANGLE (AZ)

ARIZONA REGIONAL ECOLOGICAL TEST SITE

UF ARETS
GS SITES
. **ARIZONA REGIONAL ECOLOGICAL
TEST SITE**
RT ARIZONA
ECOLOGY
TEST FACILITIES

ARKANSAS

GS NATIONS
. UNITED STATES
. **ARKANSAS**

ARM (ANATOMY)

GS ANATOMY
. LIMBS (ANATOMY)
. **ARM (ANATOMY)**
. ELBOW (ANATOMY)
. FOREARM
APPENDAGES
. **ARM (ANATOMY)**
. ELBOW (ANATOMY)
. FOREARM
RT HUMERUS
SCAPULA
ULNA
WRIST

ARMATURES

RT COMMUTATORS
ELECTRIC GENERATORS
ELECTRIC MOTORS
ELECTRIC RELAYS
INDUCTION MOTORS
∞ ROTATING ELECTRICAL MACHINES
ROTORS

ARMED FORCES

GS **ARMED FORCES**
. ARMED FORCES (FOREIGN)
. ARMED FORCES (UNITED STATES)
. NAVY
RT ∞ MILITARY AIRCRAFT
∞ MILITARY AVIATION
MILITARY SPACECRAFT
∞ MILITARY VEHICLES
TANKS (COMBAT VEHICLES)

ARMED FORCES (FOREIGN)

GS **ARMED FORCES**
. **ARMED FORCES (FOREIGN)**
RT DISARMAMENT
ENEMY PERSONNEL
∞ MILITARY AIRCRAFT
MILITARY TECHNOLOGY
∞ MILITARY VEHICLES
WEAPONS

ARMED FORCES (UNITED STATES)

GS **ARMED FORCES**
. **ARMED FORCES (UNITED STATES)**

ARMED FORCES (UNITED STATES)--(cont.)

RT DEFENSE PROGRAM
DISARMAMENT
∞ MILITARY AIRCRAFT
MILITARY TECHNOLOGY
∞ MILITARY VEHICLES
WEAPONS
WEAPONS INDUSTRY

ARMENIA

GS NATIONS
. **ARMENIA**
RT ASIA
EUROPE

ARMOR

RT HELMETS
METAL PLATES
ORDNANCE
PROTECTIVE CLOTHING
SHIELDING

ARMS (ROBOTICS)

USE ROBOT ARMS

ARMY-NAVY INSTRUMENTATION PROGRAM

GS PROGRAMS
. **ARMY-NAVY INSTRUMENTATION
PROGRAM**
RT LOGISTICS
MILITARY TECHNOLOGY

AROD (RANGE-ORBIT DETERMINATION)

USE AIRBORNE RANGE AND ORBIT
DETERMINATION

∞ AROMATIC COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF ARYL COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
CHLOROAROMATICS
FURFURYL ALCOHOL
HYDROCARBONS
METHYLIDYNE
ORGANIC COMPOUNDS

AROOS METEORITE

GS CELESTIAL BODIES
. METEORITES
. IRON METEORITES
. **AROOS METEORITE**

AROUSAL

RT ALERTNESS
ELECTROENCEPHALOGRAPHY
∞ STIMULI

ARPA COMPUTER NETWORK

GS COMPUTER NETWORKS
. **ARPA COMPUTER NETWORK**
RT COMPUTER TECHNIQUES
∞ NETWORKS
QUEUEING THEORY
SATELLITE COMMUNICATION
SPACECRAFT COMMUNICATION
SWITCHING CIRCUITS
TELECOMMUNICATION
VSAT (NETWORK)

ARQ (COMMUNICATION)

USE AUTOMATIC REPEAT REQUEST

ARRAYS

GS **ARRAYS**
. ANTENNA ARRAYS
. LINEAR ARRAYS
. ENDFIRE ARRAYS
. YAGI ANTENNAS
. STEERABLE ANTENNAS
. INERTIALESS STEERABLE
ANTENNAS
. TURNSTILE ANTENNAS
. LARGE APERTURE SEISMIC ARRAY
. LASER ARRAYS
. MULTI-ANODE MICROCHANNEL
ARRAYS
. PHASED ARRAYS
. SOLAR ARRAYS
. SOLAR BLANKETS
. SYNTHETIC ARRAYS
. SYSTOLIC ARRAYS
RT ANTENNAS

ARRAYS--(cont.)

FOCAL PLANE DEVICES
MATRICES (MATHEMATICS)
PHOTOMASKS
PUSHBROOM SENSOR MODES
RANKING
∞ STATISTICS

∞ ARRESTERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ARRESTING GEAR
BLOCKING
BRAKES (FOR ARRESTING MOTION)
GAPS
LIGHTNING

ARRESTING GEAR

GS LANDING AIDS
. **ARRESTING GEAR**
SAFETY DEVICES
. **ARRESTING GEAR**
RT ABORT APPARATUS
AIRCRAFT CARRIERS
AIRCRAFT SAFETY
ANTISKID DEVICES
∞ ARRESTERS
∞ BARRIERS
BRAKES (FOR ARRESTING MOTION)
CRASH LANDING
∞ GEAR

ARRHYTHMIA

GS RATES (PER TIME)
. HEART RATE
. **ARRHYTHMIA**

ARRIVALS

RT APPROACH
LANDING

ARROW WINGS

GS AIRFOILS
. WINGS
. SWEPT WINGS
. SWEPTBACK WINGS
. **ARROW WINGS**
PLANFORMS
. WING PLANFORMS
. SWEPTBACK WINGS
. **ARROW WINGS**
RT CARET WINGS
DELTA WINGS
VARIABLE SWEEP WINGS

ARROYOS

GS LANDFORMS
. **ARROYOS**
RT CANYONS
DRAINAGE PATTERNS
EROSION
LIMNOLOGY
RAIN IMPACT DAMAGE
WATER
WATER CURRENTS
WATER EROSION

ARSENATES

GS **ARSENIC COMPOUNDS**
. **ARSENATES**
RT ARSENIDES
∞ OXYGEN COMPOUNDS

ARSENIC

GS CHEMICAL ELEMENTS
. METALLOIDS
. **ARSENIC**
. ARSENIC ISOTOPES
RT METALS

ARSENIC ALLOYS

GS ALLOYS
. **ARSENIC ALLOYS**
RT METALLOIDS

ARSENIC COMPOUNDS

GS **ARSENIC COMPOUNDS**
. ARSENATES
. ARSENIDES
. ALUMINUM ARSENIDES
. GALLIUM ARSENIDES
. ALUMINUM GALLIUM ARSENIDES
. INDIUM GALLIUM ARSENIDES

ARSENIC ISOTOPES

ARSENIC COMPOUNDS--(cont.)

- .. INDIUM ARSENIDES
- .. INDIUM GALLIUM ARSENIDES
- .. PROUSTITE
- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 5A COMPOUNDS

ARSENIC ISOTOPES

- GS CHEMICAL ELEMENTS
- .. METALLOIDS
- .. ARSENIC
- .. **ARSENIC ISOTOPES**
- .. NUCLIDES
- .. ISOTOPES
- .. **ARSENIC ISOTOPES**
- RT METALS
- RADIOACTIVE ISOTOPES

ARSENIDES

- GS ARSENIC COMPOUNDS
- .. **ARSENIDES**
- .. ALUMINUM ARSENIDES
- .. GALLIUM ARSENIDES
- .. ALUMINUM GALLIUM ARSENIDES
- .. INDIUM GALLIUM ARSENIDES
- .. INDIUM ARSENIDES
- .. INDIUM GALLIUM ARSENIDES
- .. PROUSTITE
- RT ARSENATES
- INTERMETALLICS

ARTEMIA

- GS ANIMALS
- .. INVERTEBRATES
- .. ARTHROPODS
- .. **ARTEMIA**

ARTERIES

- GS ANATOMY
- .. CIRCULATORY SYSTEM
- .. CARDIOVASCULAR SYSTEM
- .. BLOOD VESSELS
- .. **ARTERIES**
- .. AORTA
- RT ARTERIOSCLEROSIS
- BIFURCATION (BIOLOGY)
- CAROTID SINUS BODY
- CAROTID SINUS REFLEX
- PHONOARTERIOGRAPHY
- SPHYGMOGRAPHY
- VEINS

ARTERIOSCLEROSIS

- UF ATHEROSCLEROSIS
- GS DISEASES
- .. **ARTERIOSCLEROSIS**
- RT ANGINA PECTORIS
- ARTERIES
- CHOLESTEROL
- CIRCULATORY SYSTEM
- CORONARY ARTERY DISEASE
- MYOCARDIAL INFARCTION

ARTHRITIS

- GS DISEASES
- .. **ARTHRITIS**
- RT BONES
- CALCIFICATION
- JOINTS (ANATOMY)
- RHEUMATIC DISEASES

ARTHROPODS

- GS ANIMALS
- .. INVERTEBRATES
- .. **ARTHROPODS**
- .. ARTEMIA
- .. CRABS
- .. INSECTS
- .. BEES
- .. BOLLWORMS
- .. CHIRONOMUS FLIES
- .. COCKROACHES
- .. COLEOPTERA
- .. BEETLES
- .. TRIBOLIA
- .. BOLL WEEVILS
- .. CRICKETS
- .. DROSOPHILA
- .. FIREFLIES
- .. GRASSHOPPERS
- .. LOCUSTS
- .. MOTHS
- .. SILKWORMS
- .. SPIDERS
- RT EXOSKELETONS

ARTHROPODS--(cont.)

LARVAE

ARTICULATION (SPEECH)

- GS SPEECH
- .. **ARTICULATION (SPEECH)**
- RT LANGUAGES
- SPEECH DEFECTS

ARTIFACTS

- RT ANTHROPOLOGY
- ANTIQUITIES
- CULTURE (SOCIAL SCIENCES)
- MUSEUMS

ARTIFICIAL CARDIAC PACEMAKER

- GS MEDICAL EQUIPMENT
- .. **ARTIFICIAL CARDIAC PACEMAKER**
- RT BIOTECHNOLOGY
- BLOOD CIRCULATION
- CARDIOLOGY
- CIRCULATORY SYSTEM
- HEART
- PULMONARY CIRCULATION

ARTIFICIAL CLOUDS

- GS CLOUDS (METEOROLOGY)
- .. **ARTIFICIAL CLOUDS**
- .. CHEMICAL CLOUDS
- .. BARIUM ION CLOUDS
- RT WEATHER MODIFICATION

ARTIFICIAL EARS

- GS MEDICAL EQUIPMENT
- .. PROSTHETIC DEVICES
- .. **ARTIFICIAL EARS**
- RT EAR

ARTIFICIAL GRAVITY

- GS GRAVITATION
- .. **ARTIFICIAL GRAVITY**
- RT ACCELERATION STRESSES
- (PHYSIOLOGY)
- ∞ ASTRONAUTICS
- ENVIRONMENTAL CONTROL
- GRAVITY GRADIENT SATELLITES
- HUMAN CENTRIFUGES
- LIFE SUPPORT SYSTEMS
- LOWER BODY NEGATIVE PRESSURE
- ROTATING ENVIRONMENTS
- SPIN DYNAMICS
- WEIGHTLESSNESS

ARTIFICIAL HARBORS

- GS WATERWAYS
- .. HARBORS
- .. **ARTIFICIAL HARBORS**
- RT CARGO SHIPS
- DEEPWATER TERMINALS
- DREDGING
- MARINE TECHNOLOGY
- OCEANOGRAPHY
- OFFSHORE DOCKING
- OFFSHORE PLATFORMS
- SHIP TERMINALS
- TANKER SHIPS
- TANKER TERMINALS
- ∞ TANKERS
- TERMINAL FACILITIES
- TRANSPORTATION

ARTIFICIAL HEART VALVES

- GS MEDICAL EQUIPMENT
- .. **ARTIFICIAL HEART VALVES**
- .. VALVES
- RT BIOTECHNOLOGY
- BLOOD CIRCULATION
- BLOOD PUMPS
- HEART
- HEART IMPLANTATION

ARTIFICIAL INTELLIGENCE

- UF MACHINE RECOGNITION
- GS INTELLIGENCE
- .. **ARTIFICIAL INTELLIGENCE**
- RT AUTOMATA THEORY
- BIONICS
- CHARACTER RECOGNITION
- COGNITION
- COMPUTER VISION
- COMPUTERS
- DEPERSONALIZATION
- EXPERT SYSTEMS

NASA THESAURUS VOLUME 1

ARTIFICIAL INTELLIGENCE--(cont.)

- INFORMATION PROCESSING (BIOLOGY)
- INTELLECT
- KNOWLEDGE BASED SYSTEMS
- KNOWLEDGE BASES (ARTIFICIAL INTELLIGENCE)
- KNOWLEDGE REPRESENTATION
- ∞ LOGIC
- LOGIC PROGRAMMING
- MACHINE LEARNING
- NATURAL LANGUAGE PROCESSING
- PERCEPTION
- PREDICATE CALCULUS
- PREDICATE LOGIC
- PROLOG (PROGRAMMING LANGUAGE)
- ROBOTICS
- ROBOTS
- SELF ORGANIZING SYSTEMS
- THEOREM PROVING
- VOICE DATA PROCESSING

ARTIFICIAL RADIATION BELTS

- GS PARTICLES
- .. CHARGED PARTICLES
- .. MAGNETICALLY TRAPPED PARTICLES
- .. RADIATION BELTS
- .. **ARTIFICIAL RADIATION BELTS**
- .. TRAPPED PARTICLES
- .. MAGNETICALLY TRAPPED PARTICLES
- .. RADIATION BELTS
- .. **ARTIFICIAL RADIATION BELTS**
- RT INNER RADIATION BELT
- NUCLEAR EXPLOSIONS
- OUTER RADIATION BELT
- ∞ RADIATION

ARTIFICIAL RESPIRATION

- USE RESUSCITATION

ARTIFICIAL SATELLITES

- GS **ARTIFICIAL SATELLITES**
- .. ACTIVE SATELLITES
- .. SYNCOM SATELLITES
- .. EARLY BIRD SATELLITES
- .. SYNCOM 1 SATELLITE
- .. SYNCOM 2 SATELLITE
- .. SYNCOM 3 SATELLITE
- .. ALOUETTE SATELLITES
- .. ALOUETTE B SATELLITE
- .. ALOUETTE 1 SATELLITE
- .. ALOUETTE 2 SATELLITE
- .. ARABSAT
- .. ARIEL SATELLITES
- .. ARIEL 1 SATELLITE
- .. ARIEL 2 SATELLITE
- .. ARIEL 3 SATELLITE
- .. ARIEL 4 SATELLITE
- .. ARIEL 5 SATELLITE
- .. BESS (SATELLITE)
- .. BIOSATELLITES
- .. BIOSATELLITE 1
- .. BIOSATELLITE 2
- .. BIOSATELLITE 3
- .. ORBITING FROG OTOLITH
- .. SPUTNIK 2 SATELLITE
- .. COMMUNICATION SATELLITES
- .. ACTS
- .. AERONAUTICAL SATELLITES
- .. AEROSAT SATELLITES
- .. ARCOMSAT
- .. COMMUNICATIONS TECHNOLOGY SATELLITE
- .. COMSTAR C
- .. NATO 3B SATELLITE
- .. COMSTAR SATELLITES
- .. DIRECT BROADCAST SATELLITES
- .. EUROPEAN COMMUNICATIONS SATELLITE
- .. INTELSAT SATELLITES
- .. L-SAT
- .. LOW FREQUENCY TRANSIONOSPHERIC SATELLITES
- .. MARECS MARITIME SATELLITES
- .. MAROTS (ESA)
- .. MOLNIYA SATELLITES
- .. MSAT
- .. PALAPA SATELLITES
- .. PALAPA 2 SATELLITE
- .. RADUGA SATELLITE
- .. RCA SATCOM SATELLITES
- .. RELAY SATELLITES
- .. RELAY 1 SATELLITE
- .. RELAY 2 SATELLITE
- .. SYMPHONIE SATELLITES
- .. SYNCOM SATELLITES

ARTIFICIAL SATELLITES--(cont.)

... EARLY BIRD SATELLITES
 ... SYNCOM 1 SATELLITE
 ... SYNCOM 2 SATELLITE
 ... SYNCOM 3 SATELLITE
 ... SYNCOM 4 SATELLITE
 ... WESTAR SATELLITES
 ... COSPAS
 ... COURIER SATELLITE
 ... DIADEME SATELLITES
 ... DISCOVERER SATELLITES
 ... DODGE SATELLITE
 ... EROS (SATELLITES)
 ... ESA SATELLITES
 ... AEROSAT SATELLITES
 ... COS-B SATELLITE
 ... ERS-1 (ESA SATELLITE)
 ... ESRO 1 SATELLITE
 ... ESRO 2 SATELLITE
 ... ESRO 4 SATELLITE
 ... EUROPEAN COMMUNICATIONS
 SATELLITE
 ... EXOSAT SATELLITE
 ... GEOS SATELLITES (ESA)
 ... HEOS SATELLITES
 ... HEOS A SATELLITE
 ... HEOS B SATELLITE
 ... HIPPARCOS SATELLITE
 ... INFRARED SPACE OBSERVATORY
 (ISO)
 ... L-SAT
 ... MAGELLAN ULTRAVIOLET
 ASTRONOMY SATELLITE
 ... MARECS MARITIME SATELLITES
 ... MAROTS (ESA)
 ... METEOSAT SATELLITE
 ... OTS (ESA)
 ... TD SATELLITES
 ... TD-1 SATELLITE
 ... EUROPEAN 1 SPACECRAFT
 ... EVASIVE SATELLITES
 ... FRENCH SATELLITES
 ... D-1 SATELLITE
 ... D-2 SATELLITES
 ... EOLE SATELLITES
 ... FR-1 SATELLITE
 ... GEOLE SATELLITES
 ... PEOPLE SATELLITES
 ... POSEIDON SATELLITE
 ... SPOT (FRENCH SATELLITE)
 ... SRET SATELLITES
 ... SRET 1 SATELLITE
 ... SRET 2 SATELLITE
 ... GEODETIC SATELLITES
 ... ANNA SATELLITES
 ... EXPLORER 29 SATELLITE
 ... EXPLORER 36 SATELLITE
 ... GEOLE SATELLITES
 ... GEOS 1 SATELLITE
 ... GEOS 2 SATELLITE
 ... GEOS 3 SATELLITE
 ... GEOSAT SATELLITES
 ... LARGOS SATELLITE
 ... PAGEOS SATELLITE
 ... VANGUARD 1 SATELLITE
 ... GEOPHYSICAL SATELLITES
 ... COSMOS SATELLITES
 ... INTERCOSMOS SATELLITES
 ... EXPLORER 6 SATELLITE
 ... EXPLORER 10 SATELLITE
 ... EXPLORER 12 SATELLITE
 ... EXPLORER 45 SATELLITE
 ... OGO
 ... EGO
 ... OGO-A
 ... OGO-3
 ... OGO-5
 ... POGO
 ... OGO-C
 ... OGO-4
 ... OGO-6
 ... OSO
 ... OSO-C
 ... OSO-1
 ... OSO-2
 ... OSO-3
 ... OSO-4
 ... OSO-5
 ... OSO-6
 ... OSO-7
 ... OSO-8
 ... RADIATION AND METEOROID
 SATELLITE
 ... SPUTNIK 3 SATELLITE
 ... VANGUARD 3 SATELLITE
 ... GEOS-D SATELLITE

ARTIFICIAL SATELLITES--(cont.)

... GRAVITY GRADIENT SATELLITES
 ... ATS
 ... ATS 1
 ... ATS 2
 ... ATS 3
 ... ATS 4
 ... ATS 5
 ... ATS 6
 ... ATS 7
 ... ATS 8
 ... ORBIS CAL SATELLITE
 ... GREB SATELLITES
 ... HELIOS SATELLITES
 ... HELIOS A
 ... HELIOS B
 ... HELIOS 1
 ... HELIOS 2
 ... INJUN SATELLITES
 ... EXPLORER 25 SATELLITE
 ... INJUN 1 SATELLITE
 ... INJUN 3 SATELLITE
 ... INJUN 4 SATELLITE
 ... INSPECTOR SATELLITE
 ... IRIS SATELLITES
 ... ISIS SATELLITES
 ... ALOUETTE 2 SATELLITE
 ... ISIS-A
 ... ISIS-B
 ... ISIS-X
 ... LANDSAT SATELLITES
 ... LANDSAT E
 ... LANDSAT F
 ... LANDSAT 1
 ... LANDSAT 2
 ... LANDSAT 3
 ... LANDSAT 4
 ... LANDSAT 5
 ... LINCOLN EXPERIMENTAL SATELLITES
 ... LUNAR SATELLITES
 ... EXPLORER 18 SATELLITE
 ... EXPLORER 28 SATELLITE
 ... IMP
 ... LUNAR ORBITER
 ... LUNAR ORBITER 1
 ... LUNAR ORBITER 2
 ... LUNAR ORBITER 3
 ... LUNAR ORBITER 4
 ... LUNAR ORBITER 5
 ... ORBITING LUNAR STATIONS
 ... MAPSAT
 ... MARISAT SATELLITES
 ... MARISAT 1 SATELLITE
 ... MARITIME SATELLITES
 ... ERS-1 (ESA SATELLITE)
 ... MARECS MARITIME SATELLITES
 ... MAROTS (ESA)
 ... METEOROLOGICAL SATELLITES
 ... AEROS SATELLITE
 ... COSMOS 144 SATELLITE
 ... D-2 SATELLITES
 ... DMSP SATELLITES
 ... ELEKTRON SATELLITES
 ... ELEKTRON 1 SATELLITE
 ... ELEKTRON 2 SATELLITE
 ... ELEKTRON 4 SATELLITE
 ... EOLE SATELLITES
 ... ESSA SATELLITES
 ... ESSA 1 SATELLITE
 ... ESSA 2 SATELLITE
 ... ESSA 3 SATELLITE
 ... ESSA 4 SATELLITE
 ... ESSA 5 SATELLITE
 ... ESSA 6 SATELLITE
 ... ESSA 7 SATELLITE
 ... ESSA 8 SATELLITE
 ... ESSA 9 SATELLITE
 ... EXPLORER 9 SATELLITE
 ... EXPLORER 17 SATELLITE
 ... EXPLORER 19 SATELLITE
 ... GEOLE SATELLITES
 ... GOES 6
 ... METEOSAT SATELLITE
 ... NIMBUS SATELLITES
 ... NIMBUS 1 SATELLITE
 ... NIMBUS 2 SATELLITE
 ... NIMBUS 3 SATELLITE
 ... NIMBUS 4 SATELLITE
 ... NIMBUS 5 SATELLITE
 ... NIMBUS 6 SATELLITE
 ... NIMBUS 7 SATELLITE
 ... NOAA SATELLITES
 ... NOAA 2 SATELLITE
 ... NOAA 3 SATELLITE
 ... NOAA 4 SATELLITE
 ... NOAA 5 SATELLITE

ARTIFICIAL SATELLITES--(cont.)

... NOAA 6 SATELLITE
 ... NOAA 7 SATELLITE
 ... NOAA 8 SATELLITE
 ... NOAA 9 SATELLITE
 ... NOAA 10 SATELLITE
 ... SAN MARCO SATELLITES
 ... SAN MARCO 1 SATELLITE
 ... SAN MARCO 2 SATELLITE
 ... SAN MARCO 3 SATELLITE
 ... SEOCS (SATELLITE)
 ... SIRS B SATELLITE
 ... SPUTNIK 1 SATELLITE
 ... SPUTNIK 2 SATELLITE
 ... SPUTNIK 3 SATELLITE
 ... SRET SATELLITES
 ... SRET 1 SATELLITE
 ... SRET 2 SATELLITE
 ... SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 ... SMS 1
 ... SMS 2
 ... SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 ... SMS 1
 ... SMS 2
 ... TIROS SATELLITES
 ... ITOS SATELLITES
 ... ITOS 1
 ... ITOS 2
 ... ITOS 3
 ... ITOS 4
 ... TIROS M
 ... TIROS N SERIES SATELLITES
 ... TIROS 1 SATELLITE
 ... TIROS 2 SATELLITE
 ... TIROS 3 SATELLITE
 ... TIROS 4 SATELLITE
 ... TIROS 5 SATELLITE
 ... TIROS 6 SATELLITE
 ... TIROS 7 SATELLITE
 ... TIROS 8 SATELLITE
 ... TIROS 9 SATELLITE
 ... TIROS 10 SATELLITE
 ... VANGUARD 2 SATELLITE
 ... MIDAS SATELLITES
 ... MIDAS 2 SATELLITE
 ... MIDAS 3 SATELLITE
 ... MIDAS 4 SATELLITE
 ... MIDAS 5 SATELLITE
 ... MIDAS 6 SATELLITE
 ... MIDAS 7 SATELLITE
 ... MULTISPECTRAL RESOURCE SAMPLER
 ... NAVIGATION SATELLITES
 ... AEROSAT SATELLITES
 ... EXPLORER 22 SATELLITE
 ... NAVIGATION TECHNOLOGY
 SATELLITES
 ... NAVSTAR SATELLITES
 ... NOVA SATELLITES
 ... REFSAT
 ... TRANSIT ATTITUDE CONTROL
 SATELLITE
 ... TRANSIT SATELLITES
 ... ORBITAL WORKSHOPS
 ... SATURN WORKSHOPS
 ... SATURN 1 WORKSHOP
 ... SATURN 5 WORKSHOP
 ... SKYLAB 1
 ... SKYLAB 2
 ... SKYLAB 3
 ... SKYLAB 4
 ... PAS
 ... PASSIVE SATELLITES
 ... BEACON SATELLITES
 ... BEACON EXPLORER A
 ... EXPLORER 22 SATELLITE
 ... ECHO SATELLITES
 ... ECHO 1 SATELLITE
 ... ECHO 2 SATELLITE
 ... LAGEOS (SATELLITE)
 ... PAGEOS SATELLITE
 ... PEGASUS SATELLITES
 ... POLYOT SATELLITES
 ... ROSAT MISSION
 ... SAGE SATELLITE
 ... SAMOS
 ... SARSAT
 ... SCIENTIFIC SATELLITES
 ... AMPTE (SATELLITES)
 ... ASTRONOMICAL SATELLITES
 ... GAMMA RAY OBSERVATORY
 ... GINGA SATELLITE
 ... HUBBLE SPACE TELESCOPE
 ... LARGE DEPLOYABLE REFLECTOR

ARTIFICIAL SATELLITES--(cont.)

... SPACE INFRARED TELESCOPE FACILITY
 ... TENMA SATELLITE
 ... X RAY ASTROPHYSICS FACILITY
 ... ATS
 ... ATS 1
 ... ATS 2
 ... ATS 3
 ... ATS 4
 ... ATS 5
 ... ATS 6
 ... ATS 7
 ... ATS 8
 ... AZUR SATELLITE
 ... CANNONBALL 2 SATELLITE
 ... CRRES (SATELLITE)
 ... DIAL SATELLITE
 ... ENVIRONMENTAL RESEARCH SATELLITES
 ... ERS 17
 ... ERS 18
 ... INTASAT SATELLITE
 ... EXOS SATELLITES
 ... EXOS-A SATELLITE
 ... EXOS-B SATELLITE
 ... EXOS-C SATELLITE
 ... EXOS-D SATELLITE
 ... EXOSAT SATELLITE
 ... EXPLORER SATELLITES
 ... APPLICATIONS EXPLORER SATELLITES
 ... COSMIC BACKGROUND EXPLORER SATELLITE
 ... DUAL AIR DENSITY EXPLORER
 ... DYNAMICS EXPLORER SATELLITES
 ... DYNAMICS EXPLORER 1 SATELLITE
 ... DYNAMICS EXPLORER 2 SATELLITE
 ... EXPLORER 1 SATELLITE
 ... EXPLORER 2 SATELLITE
 ... EXPLORER 3 SATELLITE
 ... EXPLORER 4 SATELLITE
 ... EXPLORER 5 SATELLITE
 ... EXPLORER 6 SATELLITE
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 ... EXPLORER 14 SATELLITE
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 ... EXPLORER 44 SATELLITE
 ... EXPLORER 45 SATELLITE
 ... EXPLORER 46 SATELLITE
 ... EXPLORER 47 SATELLITE
 ... EXPLORER 48 SATELLITE
 ... EXPLORER 49 SATELLITE
 ... EXPLORER 50 SATELLITE
 ... EXPLORER 51 SATELLITE
 ... EXPLORER 52 SATELLITE
 ... EXPLORER 53 SATELLITE
 ... EXPLORER 54 SATELLITE
 ... EXPLORER 55 SATELLITE
 ... EXTREME ULTRAVIOLET EXPLORER SATELLITE

ARTIFICIAL SATELLITES--(cont.)

... FAR UV SPECTROSCOPIC EXPLORER
 ... IMP
 ... INTERNATIONAL MAGNETOSPHERIC EXPLORER
 ... INTERNATIONAL SUN EARTH EXPLORERS
 ... INTERNATIONAL SUN EARTH EXPLORER 1
 ... INTERNATIONAL SUN EARTH EXPLORER 2
 ... INTERNATIONAL SUN EARTH EXPLORER 3
 ... MICROMETEOROID EXPLORER SATELLITES
 ... RADIO ASTRONOMY EXPLORER SATELLITE
 ... SOLAR MESOSPHERE EXPLORER
 ... UHURU SATELLITE
 ... X RAY TIMING EXPLORER
 ... GEOPOTENTIAL RESEARCH MISSION
 ... HAWKEYE SATELLITES
 ... LONG DURATION EXPOSURE FACILITY
 ... LZEEBE SATELLITE
 ... MAGSAT SATELLITES
 ... MAGSAT A SATELLITE
 ... MAGSAT B SATELLITE
 ... MAGSAT 1 SATELLITE
 ... ORBIS
 ... ORBIS CAL SATELLITE
 ... OV-1 SATELLITES
 ... OV-2 SATELLITES
 ... OV-3 SATELLITES
 ... OV-4 SATELLITES
 ... OV-5 SATELLITES
 ... SCATHA SATELLITE
 ... SMALL SCIENTIFIC SATELLITES
 ... UK SATELLITES
 ... UK 4 SATELLITE
 ... UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)
 ... SCORE SATELLITE
 ... SEASAT SATELLITES
 ... SEASAT 1
 ... SEASAT-B SATELLITE
 ... SHUTTLE PALLET SATELLITES
 ... SKYNET SATELLITES
 ... SNAPSHOT SATELLITE
 ... SOLAR POWER SATELLITES
 ... SOLAR RADIATION 1 SATELLITE
 ... SOLAR RADIATION 3 SATELLITE
 ... SOVIET SATELLITES
 ... COSMOS SATELLITES
 ... COSMOS 2 SATELLITE
 ... COSMOS 3 SATELLITE
 ... COSMOS 5 SATELLITE
 ... COSMOS 6 SATELLITE
 ... COSMOS 14 SATELLITE
 ... COSMOS 44 SATELLITE
 ... COSMOS 54 SATELLITE
 ... COSMOS 71 SATELLITE
 ... COSMOS 110 SATELLITE
 ... COSMOS 137 SATELLITE
 ... COSMOS 144 SATELLITE
 ... COSMOS 149 SATELLITE
 ... COSMOS 166 SATELLITE
 ... COSMOS 186 SATELLITE
 ... COSMOS 188 SATELLITE
 ... COSMOS 206 SATELLITE
 ... COSMOS 213 SATELLITE
 ... COSMOS 224 SATELLITE
 ... COSMOS 225 SATELLITE
 ... COSMOS 381 SATELLITE
 ... COSMOS 954 SATELLITE
 ... COSMOS 1129 SATELLITE
 ... INTERCOSMOS SATELLITES
 ... COSMOS 782 SATELLITE
 ... COSMOS 936 SATELLITE
 ... MOLNIYA SATELLITES
 ... PROGNOZ SATELLITES
 ... PROTON SATELLITES
 ... PROTON 1 SATELLITE
 ... PROTON 2 SATELLITE
 ... PROTON 3 SATELLITE
 ... PROTON 4 SATELLITE
 ... RADUGA SATELLITE
 ... SPUTNIK SATELLITES
 ... SPUTNIK 1 SATELLITE
 ... SPUTNIK 2 SATELLITE
 ... SPUTNIK 3 SATELLITE
 ... SPUTNIK 4 SATELLITE
 ... SPUTNIK 5 SATELLITE
 ... VENERA SATELLITES
 ... VENERA 2 SATELLITE

ARTIFICIAL SATELLITES--(cont.)

... VENERA 3 SATELLITE
 ... VENERA 4 SATELLITE
 ... VENERA 5 SATELLITE
 ... VENERA 6 SATELLITE
 ... VENERA 7 SATELLITE
 ... VENERA 8 SATELLITE
 ... VENERA 9 SATELLITE
 ... VENERA 10 SATELLITE
 ... VENERA 11 SATELLITE
 ... VENERA 12 SATELLITE
 ... SPACE STATIONS
 ... COLUMBUS SPACE STATION
 ... HALO ORBIT SPACE STATION
 ... MAN TENDED FREE FLYERS
 ... MIR SPACE STATION
 ... ORBITING LUNAR STATIONS
 ... SALYUT SPACE STATION
 ... SKYLAB 1
 ... SKYLAB 2
 ... SKYLAB 3
 ... SKYLAB 4
 ... SPACE OPERATIONS CENTER (NASA)
 ... SPACE STATION FREEDOM
 ... SPACE STATION POLAR PLATFORMS
 ... SYNCHRONOUS SATELLITES
 ... AEROS SATELLITE
 ... AEROSAT SATELLITES
 ... ANIK SATELLITES
 ... ANIK 1
 ... ANIK 2
 ... ANIK 3
 ... GOES SATELLITES
 ... GOES 1
 ... GOES 2
 ... GOES 3
 ... GOES 4
 ... GOES 5
 ... GOES 6
 ... GOES 7
 ... MIRANDA SATELLITE
 ... SIRIO SATELLITE
 ... STORMSAT SATELLITE
 ... SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 ... SMS 1
 ... SMS 2
 ... SYNCHRONOUS METEOROLOGICAL SATELLITE
 ... SMS 1
 ... SMS 2
 ... SYNCOM SATELLITES
 ... EARLY BIRD SATELLITES
 ... SYNCOM 1 SATELLITE
 ... SYNCOM 2 SATELLITE
 ... SYNCOM 3 SATELLITE
 ... TD SATELLITES
 ... TD-1 SATELLITE
 ... TELSTAR SATELLITES
 ... TELSTAR 1 SATELLITE
 ... TELSTAR 2 SATELLITE
 ... TETHERED SATELLITES
 ... VANGUARD SATELLITES
 ... VANGUARD 1 SATELLITE
 ... VANGUARD 2 SATELLITE
 ... VANGUARD 3 SATELLITE
 ... VELA SATELLITES
 RT FLEXIBLE SPACECRAFT
 INFLATABLE SPACECRAFT
 INTERPLANETARY SPACECRAFT
 LUNAR ORBITS
 LUNAR SPACECRAFT
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 NATIONAL OCEANIC SATELLITE SYSTEM
 NATURAL SATELLITES
 OBSERVATORIES
 ORBITS
 RECONNAISSANCE SPACECRAFT
 SATELLITE SOUNDING
 ∞ SATELLITES
 SPACE CAPSULES
 SPACE LABORATORIES
 TELSTAR PROJECT
 UNMANNED SPACECRAFT

ARTILLERY

GS WEAPONS
 ... GUNS (ORDNANCE)
 ... ARTILLERY
 ... HOWITZERS
 RT GUN LAUNCHERS
 GUNNERY TRAINING
 MISSILES
 RIFLES

- ARTILLERY--(cont.)**
SABOT PROJECTILES
- ARTILLERY FIRE**
RT ∞ BARRAGES
GUNFIRE
- ARTS**
GS **ARTS**
. ABILITIES
. GRAPHIC ARTS
. ANIMATION
. . . COMPUTER ANIMATION
RT CREATIVITY
MUSIC
- ARYABHATA**
USE INDIAN SPACECRAFT
- ARYL COMPOUNDS**
USE AROMATIC COMPOUNDS
- ASA**
USE ACETYSALICYLIC ACID
- ASBESTOS**
GS MINERALS
. **ASBESTOS**
RT AMBERLITE (TRADEMARK)
ELECTRICAL INSULATION
INSULATION
NONFLAMMABLE MATERIALS
SERPENTINE
THERMAL INSULATION
- ASCENT**
GS **ASCENT**
. CLIMBING FLIGHT
RT BALLOONS
DESCENT
LUNAR MODULE ASCENT STAGE
TAKEOFF
- ASCENT PROPULSION SYSTEMS**
GS PROPULSION
. **ASCENT PROPULSION SYSTEMS**
PROPULSION SYSTEM CONFIGURATIONS
RT **ASCENT PROPULSION SYSTEMS**
LUNAR MODULE
MISSILES
PROPELLANTS
ROCKET PROPELLANTS
SPACE FLIGHT
SPACE SHUTTLE ASCENT STAGE
∞ SYSTEMS
- ASCENT TRAJECTORIES**
GS TRAJECTORIES
. **ASCENT TRAJECTORIES**
RT BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
COASTING FLIGHT
DESCENT TRAJECTORIES
FLIGHT MECHANICS
GUIDANCE (MOTION)
INJECTION GUIDANCE
LOFTING
LUNAR MODULE ASCENT STAGE
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
ORBIT INSERTION
PARABOLIC FLIGHT
POST BOOST PROPULSION SYSTEM
RENDEZVOUS TRAJECTORIES
SPACECRAFT TRAJECTORIES
- ASCORBIC ACID**
UF VITAMIN C
GS ACIDS
. **ASCORBIC ACID**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. . . HETEROCYCLIC COMPOUNDS
. . . **ASCORBIC ACID**
VITAMINS
. **ASCORBIC ACID**
- ASCORBIC ACID METABOLISM**
GS METABOLISM
. **ASCORBIC ACID METABOLISM**
RT VITAMINS
- ASCR REACTOR**
USE ADVANCED SODIUM COOLED REACTOR
- ASDE**
USE AIRPORT SURFACE DETECTION
EQUIPMENT
- ASE (AERODYNAMICS)**
USE AEROSERVOELASTICITY
- ASHES**
GS **ASHES**
. FLY ASH
RT AIR POLLUTION
COAL
COMBUSTION PRODUCTS
CULTIVATION
FERTILIZERS
FIRE DAMAGE
FOREST FIRES
LIGNITE
REACTION PRODUCTS
RESIDUES
- ASIA**
GS CONTINENTS
. **ASIA**
RT AFGHANISTAN
ARMENIA
AZERBAIJAN
BANGLADESH
BRUNEI
BURMA
CAMBODIA
CHINA
COMMONWEALTH OF INDEPENDENT
STATES
GEORGIA (EURASIA)
HIMALAYAS
HONG KONG
INDIA
IRAN
IRAQ
ISRAEL
JAPAN
KAZAKHSTAN
KUWAIT
KYRGYZSTAN
LAOS
LEBANON
MALAYSIA
MONGOLIA
NATIONS
NEPAL
NORTH KOREA
PAKISTAN
PAPUA NEW GUINEA
QATAR
RED SEA
RUSSIAN FEDERATION
SAUDI ARABIA
SEA OF JAPAN
SIBERIA
SIKKIM
SINGAPORE
SOUTH KOREA
SOUTHEAST ASIA
SOUTHERN YEMEN
SRI LANKA
SYRIA
TAIWAN
TAJIKISTAN
THAILAND
TIBET
TUNDRA
TURKMENISTAN
U.S.S.R.
UZBEKISTAN
VIETNAM
YEMEN
- ASIC**
USE APPLICATION SPECIFIC INTEGRATED
CIRCUITS
- ASPARTATES**
GS BIOPOLYMERS
. PROTEINS
. . . **ASPARTATES**
ESTERS
. **ASPARTATES**
ORGANIC COMPOUNDS
. PROTEINS
. . . **ASPARTATES**
RT AMINO ACIDS
ASPARTIC ACID
- ASPARTIC ACID**
GS ACIDS
. AMINO ACIDS
. . . **ASPARTIC ACID**
CARBOXYLIC ACIDS
. . . **ASPARTIC ACID**
ORGANIC COMPOUNDS
. AMINO ACIDS
. . . **ASPARTIC ACID**
CARBOXYLIC ACIDS
. . . **ASPARTIC ACID**
RT ASPARTATES
PEPTIDES
- ASPECT RATIO**
GS RATIOS
. **ASPECT RATIO**
. . HIGH ASPECT RATIO
. . LOW ASPECT RATIO
RT AERODYNAMIC CHARACTERISTICS
AIRFOILS
FINENESS RATIO
LIFT
∞ SPAN
WINGS
- ASPERGILLUS**
GS PLANTS (BOTANY)
. FUNGI
RT **ASPERGILLUS**
INFECTIOUS DISEASES
∞ MOLD
- ASPHALT**
GS PRODUCTS
. PETROLEUM PRODUCTS
. . . **ASPHALT**
RT AMORPHOUS MATERIALS
PAVEMENTS
PITCH (MATERIAL)
TARS
- ASPHALTENES**
RT COAL
COAL DERIVED LIQUIDS
COAL LIQUEFACTION
HYDROGENATION
- ASPHERICITY**
RT ABERRATION
GEOMETRICAL OPTICS
∞ OPTICS
REFRACTION
SPHERES
- ASPHYXIA**
RT ANOXIA
RESPIRATION
SIGNS AND SYMPTOMS
- ASPIRATION**
USE VACUUM
- ASRM (STS)**
USE ADVANCED SOLID ROCKET MOTOR
(STS)
- ASROC ENGINE**
GS ENGINES
. ROCKET ENGINES
. . SOLID PROPELLANT ROCKET
ENGINES
RT **ASROC ENGINE**
ANTISUBMARINE WARFARE
TORPEDOES
- ASSATEAGUE ISLAND (MD-VA)**
GS LANDFORMS
. ISLANDS
. . **ASSATEAGUE ISLAND (MD-VA)**
RT ATLANTIC OCEAN
MARYLAND
VIRGINIA
- ASSAULTING**
USE ATTACKING (ASSAULTING)
- ASSAYING**
RT CHEMICAL ANALYSIS
IMMUNOASSAY
MARS SURFACE SAMPLES
PARTICULATE SAMPLING
RADIOIMMUNOASSAY
SAMPLING

ASSEMBLER ROUTINES

GS COMPUTER PROGRAMS
 . COMPUTER SYSTEMS PROGRAMS
 . . . **ASSEMBLER ROUTINES**
 SOFTWARE ENGINEERING
 . COMPUTER PROGRAMMING
 . . . **ASSEMBLER ROUTINES**
 RT COMPILERS
 DISK OPERATING SYSTEM (DOS)
 OPERATING SYSTEMS (COMPUTERS)

ASSEMBLIES

GS **ASSEMBLIES**
 . SUBASSEMBLIES
 . TAIL ASSEMBLIES
 . . SWING TAIL ASSEMBLIES
 RT ACCUMULATIONS
 ASSEMBLING
 ∞ ASSEMBLY
 COLLOCATION
 ∞ COMPONENTS
 FABRICATION
 MOSAICS
 STRINGS

ASSEMBLING

GS **ASSEMBLING**
 . ORBITAL ASSEMBLY
 ASSEMBLIES
 RT ∞ ASSEMBLY
 ∞ ATTACHMENT
 CLEAN ROOMS
 COLLECTION
 CONSTRUCTION
 FABRICATION
 FITTING
 INSTALLING
 ∞ JOINING
 MOUNTING
 PREPARATION
 RIGGING
 SPACE MANUFACTURING

∞ ASSEMBLY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ASSEMBLIES
 ASSEMBLING
 COLLOCATION

ASSEMBLY LANGUAGE

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . . **ASSEMBLY LANGUAGE**
 . . . AUTOCODERS
 . . . COMPASS (PROGRAMMING
 LANGUAGE)
 . . . MAP (PROGRAMMING LANGUAGE)
 RT COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 MACHINE ORIENTED LANGUAGES

ASSESS PROGRAM

UF SPACELAB SIMULATION FLIGHTS
 GS PROGRAMS
 . NASA PROGRAMS
 . . . **ASSESS PROGRAM**
 RT SPACE SHUTTLES

ASSESSMENTS

GS **ASSESSMENTS**
 . DAMAGE ASSESSMENT
 . TECHNOLOGY ASSESSMENT
 RT EVALUATION
 RATINGS
 REVENUE
 VALUE

ASSET GLIDERS

GS GLIDERS
 . **ASSET GLIDERS**
 RT ∞ AIRCRAFT
 HYPERSONIC GLIDERS
 LIFTING REENTRY VEHICLES

ASSET PROJECT

GS PROGRAMS
 . PROJECTS
 . . . **ASSET PROJECT**
 RT AEROTHERMODYNAMICS
 ENVIRONMENTAL TESTS

ASSIGNMENT

USE ALLOCATIONS

ASSIMILATION

RT DISPERSING
 DISTRIBUTING
 ∞ DISTRIBUTION
 MATERIAL ABSORPTION

ASSOCIATION REACTIONS

GS CHEMICAL REACTIONS
 . **ASSOCIATION REACTIONS**
 GAS-GAS INTERACTIONS
 . **ASSOCIATION REACTIONS**
 RT ASTROPHYSICS
 CHEMICAL EQUILIBRIUM
 CONDENSING
 ENDOTHERMIC REACTIONS
 EXOTHERMIC REACTIONS
 INTERSTELLAR CHEMISTRY
 MOLECULAR GASES
 MOLECULAR INTERACTIONS
 OXIDATION
 PHOTOCHEMICAL REACTIONS
 PHOTOOXIDATION
 REACTION KINETICS
 VAPOR PHASES

ASSOCIATIONS

USE ORGANIZATIONS

ASSOCIATIVE PROCESSING (COMPUTERS)

GS DATA PROCESSING
 . **ASSOCIATIVE PROCESSING
 (COMPUTERS)**
 RT DIGITAL COMPUTERS
 MULTIPROCESSING (COMPUTERS)
 PARALLEL PROCESSING (COMPUTERS)
 PIPELINING (COMPUTERS)
 ∞ PROCESSING

ASSUMPTIONS

RT HYPOTHESES
 INFERENCE
 RISK
 SIMPLIFICATION
 ∞ THEORIES

ASSURANCE

RT INSURANCE (CONTRACTS)
 QUALITY CONTROL
 REDUNDANCY
 RELIABILITY

ASTATINE

GS CHEMICAL ELEMENTS
 . HALOGENS
 . . **ASTATINE**
 METALS
 . **ASTATINE**

ASTATINE ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **ASTATINE ISOTOPES**
 METALS
 . **ASTATINE ISOTOPES**

ASTEC SOLAR TURBOELECTRIC GENERATOR

GS AUXILIARY POWER SOURCES
 . SOLAR AUXILIARY POWER UNITS
 . . **ASTEC SOLAR TURBOELECTRIC
 GENERATOR**
 ELECTRIC GENERATORS
 . ROTATING GENERATORS
 . . TURBOGENERATORS
 . . . **ASTEC SOLAR TURBOELECTRIC
 GENERATOR**
 . SOLAR GENERATORS
 . . SOLAR AUXILIARY POWER UNITS
 . . . **ASTEC SOLAR TURBOELECTRIC
 GENERATOR**
 TURBOMACHINERY
 . TURBOGENERATORS
 . . **ASTEC SOLAR TURBOELECTRIC
 GENERATOR**
 RT RANKINE CYCLE
 SUN
 THERMOELECTRIC GENERATORS

ASTEROID BELTS

GS CELESTIAL BODIES

ASTEROID BELTS--(cont.)

. **ASTEROID BELTS**
 . . ASTEROIDS
 . . . AMOR ASTEROID
 . . . AMPHITRITE ASTEROID
 . . . APOLLO ASTEROIDS
 . . . CERES ASTEROID
 . . . CHIRON
 . . . ICARUS ASTEROID
 . . . TORO ASTEROID
 . . . VESTA ASTEROID

RT ∞ BELTS
 METEORIDS
 REGIONS
 SOLAR SYSTEM
 SPACE DEBRIS

ASTEROID CAPTURE

RT ASTEROIDS
 CELESTIAL BODIES
 CONTAINMENT
 ENCLOSURES
 PAYLOADS
 RETAINING
 SOLAR SYSTEM

ASTEROID MISSIONS

GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . **ASTEROID MISSIONS**
 . . . COMET RENDEZVOUS ASTEROID
 FLYBY MISSION
 RT ASTEROIDS
 INTERPLANETARY FLIGHT
 ∞ MISSIONS
 SPACE EXPLORATION

ASTEROIDS

UF MINOR PLANETS
 GS CELESTIAL BODIES
 . **ASTEROID BELTS**
 . . **ASTEROIDS**
 . . . AMOR ASTEROID
 . . . AMPHITRITE ASTEROID
 . . . APOLLO ASTEROIDS
 . . . CERES ASTEROID
 . . . CHIRON
 . . . ICARUS ASTEROID
 . . . TORO ASTEROID
 . . . VESTA ASTEROID
 RT **ASTEROID CAPTURE**
ASTEROID MISSIONS
 METEORIDS
 SOLAR SYSTEM
 SPACE DEBRIS

ASTHENOPIA

GS DISEASES
 . EYE DISEASES
 . . **ASTHENOPIA**
 RT FATIGUE (BIOLOGY)

ASTHMA

GS DISEASES
 . RESPIRATORY DISEASES
 . . **ASTHMA**

ASTIGMATISM

GS DISEASES
 . EYE DISEASES
 . . **ASTIGMATISM**
 RT DISTORTION
 FOCUSING
 GEOMETRICAL OPTICS
 HAPLOSOPES
 LENSES
 ∞ OPTICS
 REFRACTION
 STIGMATISM

ASTP

USE APOLLO SOYUZ TEST PROJECT

ASTRONICS

RT ∞ ASTRONAUTICS
 AVIONICS
 ∞ CONTROL
 ∞ ELECTRONICS
 GUIDANCE (MOTION)
 SATELLITE COMMUNICATION
 SINGLE EVENT UPSETS
 SPACECRAFT COMMUNICATION
 SPACECRAFT ELECTRONIC EQUIPMENT
 SPACECRAFT INSTRUMENTS
 ∞ TEST EQUIPMENT

ASTRO MISSIONS (STS)

- GS PAYLOADS
 - . SPACE SHUTTLE PAYLOADS
 - . . . **ASTRO MISSIONS (STS)**
- RT ∞ MISSIONS
 - . SPACEBORNE ASTRONOMY
 - . SPACEBORNE TELESCOPES
 - . SPACELAB PAYLOADS

ASTRO VEHICLE

- SN (EXCLUDES STS)
- GS MANEUVERABLE SPACECRAFT
 - . **ASTRO VEHICLE**
 - . MANNED SPACECRAFT
 - . . . **ASTRO VEHICLE**
 - . REENTRY VEHICLES
 - . RECOVERABLE SPACECRAFT
 - . . . **ASTRO VEHICLE**
 - . SOFT LANDING SPACECRAFT
 - . . . **ASTRO VEHICLE**
- RT AEROSPACE PLANES
 - . BOOSTGLIDE VEHICLES
 - . FERRY SPACECRAFT
 - . LIFTING REENTRY VEHICLES
 - . . . SPACECRAFT

ASTROBEE ROCKET VEHICLES

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . . . **ASTROBEE ROCKET VEHICLES**
 - ASTROBEE 1500 ROCKET VEHICLE
 - . . . SOUNDING ROCKETS
 - **ASTROBEE ROCKET VEHICLES**
 - ASTROBEE 1500 ROCKET VEHICLE
- RT GENIE ROCKET VEHICLE
 - . SOLID PROPELLANT ROCKET ENGINES
 - . . . VEHICLES

ASTROBEE 1500 ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . . . ASTROBEE ROCKET VEHICLES
 - **ASTROBEE 1500 ROCKET VEHICLE**
 - . . . SOUNDING ROCKETS
 - ASTROBEE ROCKET VEHICLES
 - **ASTROBEE 1500 ROCKET VEHICLE**
- RT SOLID PROPELLANT ROCKET ENGINES

ASTROBIOLOGY

- USE EXOBIOLOGY

ASTRODYNAMICS

- GS CLASSICAL MECHANICS
 - . SPACE MECHANICS
 - . . . **ASTRODYNAMICS**
- RT ∞ ASTRONAUTICS
 - . ASTRONOMICAL OBSERVATORIES
 - . CELESTIAL BODIES
 - . CELESTIAL MECHANICS
 - . . . DYNAMICS
 - . INTERPLANETARY FLIGHT
 - . ORBITAL MECHANICS
 - . ORBITAL RESONANCES (CELESTIAL MECHANICS)
 - . ORBITS
 - . . . SCIENCE
 - . SPACE EXPLORATION
 - . SPACE FLIGHT
 - . SPACE NAVIGATION
 - . . . SPACECRAFT
 - . TRAJECTORY ANALYSIS

ASTROGRAPHY

- SN (EXCLUDES ASTRONOMICAL PHOTOGRAPHY)
- RT ASTRONOMICAL MAPS
 - . MAPPING
 - . PLANETARY MAPPING

ASTROGUIDE NAVIGATION SYSTEM

- GS NAVIGATION
 - . CELESTIAL NAVIGATION
 - . . . **ASTROGUIDE NAVIGATION SYSTEM**
 - . INERTIAL NAVIGATION
 - . . . **ASTROGUIDE NAVIGATION SYSTEM**
- RT INERTIAL COORDINATES
 - . STAR TRACKERS
 - . . . SYSTEMS

ASTROLABES

- GS MEASURING INSTRUMENTS
 - . INDICATING INSTRUMENTS
 - . . . **ASTROLABES**
- RT ALTIMETERS
 - . ASTROMETRY

ASTROLABES--(cont.)

- . ASTRONOMICAL OBSERVATORIES
- . ASTRONOMY
- . CELESTIAL BODIES
- . POSITION (LOCATION)
- . POSITION ERRORS
- . SOLAR POSITION
- . STAR DISTRIBUTION
- . STAR TRACKERS
- . STARS

ASTROLOY (TRADEMARK)

- GS ALLOYS
 - . CHROMIUM ALLOYS
 - . . . **ASTROLOY (TRADEMARK)**
 - . COBALT ALLOYS
 - . . . **ASTROLOY (TRADEMARK)**
 - . HIGH STRENGTH ALLOYS
 - . . . **ASTROLOY (TRADEMARK)**
 - . NICKEL ALLOYS
 - . . . **ASTROLOY (TRADEMARK)**
 - . TERNARY ALLOYS
 - . . . **ASTROLOY (TRADEMARK)**

ASTROMASTS

- USE LONGERONS

ASTROMETRY

- RT ASTROLABES
 - . ASTRONOMICAL MAPS
 - . ASTRONOMICAL PHOTOGRAPHY
 - . ASTRONOMICAL POLARIMETRY
 - . ASTRONOMY
 - . DOUBLE STARS
 - . HIPPARCOS SATELLITE
 - . . . MEASUREMENT
 - . PARALLAX
 - . SOLAR DIAMETER
 - . STELLAR PARALLAX

ASTRON THERMONUCLEAR REACTOR

- GS NUCLEAR REACTORS
 - . **ASTRON THERMONUCLEAR REACTOR**
- RT RELATIVISTIC PLASMAS
 - . THERMONUCLEAR POWER GENERATION
 - . THERMONUCLEAR REACTIONS

ASTRONAUT LOCOMOTION

- GS LOCOMOTION
 - . **ASTRONAUT LOCOMOTION**
- RT EXTRAVEHICULAR ACTIVITY
 - . EXTRAVEHICULAR MOBILITY UNITS
 - . INTRAHEHICULAR ACTIVITY
 - . LIFE SUPPORT SYSTEMS
 - . MAN OPERATED PROPULSION SYSTEMS
 - . MANNED MANEUVERING UNITS
 - . ORBITAL WORKERS

ASTRONAUT MANEUVERING EQUIPMENT

- GS **ASTRONAUT MANEUVERING EQUIPMENT**
 - . MANNED MANEUVERING UNITS
- RT EXTRAVEHICULAR ACTIVITY
 - . EXTRAVEHICULAR MOBILITY UNITS
 - . HUMAN FACTORS ENGINEERING
 - . IMLSS
 - . INTRAHEHICULAR ACTIVITY
 - . SELF MANEUVERING UNITS
 - . WALKING MACHINES

ASTRONAUT PERFORMANCE

- GS HUMAN PERFORMANCE
 - . **ASTRONAUT PERFORMANCE**
 - . . . BLACKOUT PREVENTION
- RT CONFINEMENT
 - . CONFINING
 - . HUMAN FACTORS ENGINEERING
 - . INTRAHEHICULAR ACTIVITY
 - . MAN MACHINE SYSTEMS
 - . OPERATOR PERFORMANCE
 - . . . PERFORMANCE
 - . PHYSIOLOGICAL FACTORS
 - . PILOT PERFORMANCE
 - . PSYCHOLOGICAL FACTORS
 - . SPACE PSYCHOLOGY
 - . SPACECRAFT PERFORMANCE
 - . WEIGHTLESSNESS

ASTRONAUT TRAINING

- GS EDUCATION
 - . **ASTRONAUT TRAINING**
 - . LEARNING
 - . . . **ASTRONAUT TRAINING**
- RT EJECTION TRAINING
 - . FLIGHT TRAINING
 - . PILOT TRAINING

ASTRONOMICAL INTERFEROMETRY**ASTRONAUT TRAINING--(cont.)**

- . SPACE FLIGHT TRAINING
- . SPACE MAINTENANCE
- . SPACE PSYCHOLOGY
- . TRAINING SIMULATORS

ASTRONAUTICS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT AEROSPACE ENVIRONMENTS
 - . ARTIFICIAL GRAVITY
 - . ASTRONICS
 - . ASTRODYNAMICS
 - . ASTRONAUTS
 - . ASTRONOMY
 - . AUXILIARY PROPULSION
 - . AVIONICS
 - . BIOASTRONAUTICS
 - . BIOSATELLITE 3
 - . COSMONAUTS
 - . EARTH-VENUS TRAJECTORIES
 - . HUMAN FACTORS ENGINEERING
 - . LUNAR BASES
 - . PROPULSION
 - . SOFT LANDING
 - . SPACE EXPLORATION
 - . SPACE FLIGHT
 - . SPACE MAINTENANCE
 - . SPACE NAVIGATION
 - . SPACECRAFT DOCKING
 - . WEIGHTLESSNESS

ASTRONAUTS

- GS PERSONNEL
 - . FLYING PERSONNEL
 - . . . **ASTRONAUTS**
 - . . . ORBITAL WORKERS
- RT ∞ ASTRONAUTICS
 - . AWARDS
 - . COSMONAUTS
 - . CREW EXPERIMENT STATIONS
 - . CREW OBSERVATION STATIONS
 - . CREW WORKSTATIONS
 - . CREWS
 - . PILOTS (PERSONNEL)
 - . SPACECREWS

ASTRONAVIGATION

- GS NAVIGATION
 - . CELESTIAL NAVIGATION
 - . . . **ASTRONAVIGATION**
- RT AIR NAVIGATION
 - . INTERPLANETARY NAVIGATION
 - . INTERSTELLAR TRAVEL
 - . RADIO NAVIGATION
 - . SPACE NAVIGATION

ASTRONOMICAL CATALOGS

- UF STAR CATALOGS
- GS DOCUMENTS
 - . CATALOGS (PUBLICATIONS)
 - . . . **ASTRONOMICAL CATALOGS**
- RT ∞ CATALOGS
 - . CLASSIFICATIONS
 - . EPHEMERIDES
 - . NORTHERN SKY
 - . SKY SURVEYS (ASTRONOMY)
 - . SOUTHERN SKY
 - . TABLES (DATA)

ASTRONOMICAL COORDINATES

- GS COORDINATES
 - . **ASTRONOMICAL COORDINATES**
- RT AZIMUTH
 - . CELESTIAL REFERENCE SYSTEMS
 - . CYLINDRICAL COORDINATES
 - . GEOCENTRIC COORDINATES
 - . NORTHERN SKY
 - . PLANETOCENTRIC COORDINATES
 - . PLANISPHERES
 - . POLAR COORDINATES
 - . REFERENCE STARS
 - . SOLAR LONGITUDE
 - . SPHERICAL COORDINATES

ASTRONOMICAL INTERFEROMETRY

- GS INTERFEROMETRY
 - . **ASTRONOMICAL INTERFEROMETRY**
- RT ASTRONOMY
 - . ETALONS
 - . INFRARED INTERFEROMETERS
 - . INTERFEROMETERS
 - . RADIO ASTRONOMY
 - . SAGNAC EFFECT

ASTRONOMICAL INTERFEROMETRY--(cont.)

SPACE OBSERVATIONS (FROM EARTH)
SPACEBORNE ASTRONOMY
VERY LONG BASE INTERFEROMETRY

ASTRONOMICAL MAPS

GS MAPS
... **ASTRONOMICAL MAPS**
... PLANISPHERES
RT ASTROGRAPHY
ASTROMETRY
CELESTIAL REFERENCE SYSTEMS
CELESTIAL SPHERE
LUNAR MAPS

ASTRONOMICAL MODELS

UF ORRERIES
GS MODELS
... **ASTRONOMICAL MODELS**
... DENSITY WAVE MODEL
... STELLAR MODELS
RT BIG BANG COSMOLOGY
COROTATION
COSMOLOGY
MATHEMATICAL MODELS
MOLECULAR CLOUDS
PLANETARIUMS
REISSNER-NORDSTROM SOLUTION
SOLAR NEUTRINOS
SOLAR OSCILLATIONS
STELLAR OSCILLATIONS

ASTRONOMICAL NETHERLANDS SATELLITE

UF ANS
GS OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ASTRONOMICAL SATELLITES
... **ASTRONOMICAL NETHERLANDS SATELLITE**
RT NETHERLANDS
NETHERLANDS SPACE PROGRAM

ASTRONOMICAL OBSERVATORIES

GS OBSERVATORIES
... **ASTRONOMICAL OBSERVATORIES**
... ASTRONOMICAL SATELLITES
... ASTRONOMICAL NETHERLANDS SATELLITE
... GAMMA RAY OBSERVATORY
... GINGA SATELLITE
... HEAO
... HEAO 1
... HEAO 2
... HEAO 3
... HUBBLE SPACE TELESCOPE
... INFRARED ASTRONOMY SATELLITE
... INFRARED SPACE OBSERVATORY (ISO)
... IUE
... LARGE DEPLOYABLE REFLECTOR
... MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
... OAO
... OAO 1
... OAO 2
... OAO 3
... OSO
... AOSO
... OSO-1
... OSO-2
... OSO-3
... OSO-4
... OSO-5
... OSO-6
... OSO-7
... OSO-8
... QUASAT
... SAS
... EXPLORER 53 SATELLITE
... SAS-1
... SAS-2
... SAS-3
... SPACE INFRARED TELESCOPE FACILITY
... SPARTAN SATELLITES
... TENMA SATELLITE
... X RAY ASTROPHYSICS FACILITY
... ASTROPLANE
... ROSAT MISSION
... SOFIA (AIRBORNE OBSERVATORY)
RT ASTRODYNAMICS
ASTROLABES
ASTRONOMY
CELESTIAL BODIES
GEOPHYSICAL OBSERVATORIES

ASTRONOMICAL OBSERVATORIES--(cont.)

JODRELL BANK OBSERVATORY
LUNAR OBSERVATORIES
NORTHERN SKY
RADIO ASTRONOMY
SEEING (ASTRONOMY)
SOUTHERN SKY
SPACEBORNE TELESCOPES
TELESCOPES

ASTRONOMICAL PHOTOGRAPHY

GS IMAGERY
... **ASTRONOMICAL PHOTOGRAPHY**
PHOTOGRAPHY
... **ASTRONOMICAL PHOTOGRAPHY**
RT AERIAL PHOTOGRAPHY
ASTROMETRY
ASTRONOMY
ATMOSPHERIC WINDOWS
BAKER-NUNN CAMERA
BLACK AND WHITE PHOTOGRAPHY
CORONAGRAPHS
DIFFRACTION LIMITED CAMERAS
ELECTRO-OPTICAL PHOTOGRAPHY
FAINT OBJECT CAMERA
INFRARED ASTRONOMY
INFRARED PHOTOGRAPHY
LALLEMAND CAMERAS
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
REFERENCE STARS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SCHMIDT CAMERAS
SOUTHERN SKY
SPACEBORNE PHOTOGRAPHY
SPACEBORNE TELESCOPES

ASTRONOMICAL PHOTOMETRY

GS OPTICAL MEASUREMENT
... PHOTOMETRY
... **ASTRONOMICAL PHOTOMETRY**
... STELLAR SPECTROPHOTOMETRY
RT ATMOSPHERIC WINDOWS
BLINKING
COMETARY ATMOSPHERES
DIAL SATELLITE
INFRARED PHOTOMETRY
SPECTROPHOTOMETRY
TELEPHOTOMETRY

ASTRONOMICAL POLARIMETRY

GS OPTICAL MEASUREMENT
... POLARIMETRY
... **ASTRONOMICAL POLARIMETRY**
RT ASTROMETRY
ASTRONOMY
POLARIMETERS

ASTRONOMICAL SATELLITES

GS ARTIFICIAL SATELLITES
... SCIENTIFIC SATELLITES
... **ASTRONOMICAL SATELLITES**
... GAMMA RAY OBSERVATORY
... GINGA SATELLITE
... HUBBLE SPACE TELESCOPE
... LARGE DEPLOYABLE REFLECTOR
... SPACE INFRARED TELESCOPE FACILITY
... TENMA SATELLITE
... X RAY ASTROPHYSICS FACILITY
OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... **ASTRONOMICAL SATELLITES**
... ASTRONOMICAL NETHERLANDS SATELLITE
... GAMMA RAY OBSERVATORY
... GINGA SATELLITE
... HEAO
... HEAO 1
... HEAO 2
... HEAO 3
... HUBBLE SPACE TELESCOPE
... INFRARED ASTRONOMY SATELLITE
... INFRARED SPACE OBSERVATORY (ISO)
... IUE
... LARGE DEPLOYABLE REFLECTOR
... MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
... OAO
... OAO 1
... OAO 2
... OAO 3
... OSO

ASTRONOMICAL SATELLITES--(cont.)

... AOSO
... OSO-1
... OSO-2
... OSO-3
... OSO-4
... OSO-5
... OSO-6
... OSO-7
... OSO-8
... QUASAT
... SAS
... EXPLORER 53 SATELLITE
... SAS-1
... SAS-2
... SAS-3
... SPACE INFRARED TELESCOPE FACILITY
... SPARTAN SATELLITES
... TENMA SATELLITE
... X RAY ASTROPHYSICS FACILITY
RT ROSAT MISSION
SPACEBORNE ASTRONOMY

ASTRONOMICAL SPECTROSCOPY

GS SPECTROSCOPY
... **ASTRONOMICAL SPECTROSCOPY**
RT ASTRONOMY
CONTINUOUS SPECTRA
ELECTROMAGNETIC SPECTRA
INFRARED SPECTROSCOPY
KUIPER AIRBORNE OBSERVATORY
ORGANIC SOLIDS
RADIAL VELOCITY
RADIATION SPECTRA
RADIO ASTRONOMY
RADIO SPECTROSCOPY
RAMAN SPECTROSCOPY
SOLAR SPECTRA
SOUTHERN SKY
SPECTRA
SPECTROSCOPIC TELESCOPES
STELLAR SPECTRA
ULTRAVIOLET SPECTROSCOPY
VISIBLE SPECTRUM
X RAY SPECTROSCOPY

ASTRONOMICAL TELESCOPES

USE TELESCOPES

ASTRONOMY

UF CELESTIAL OBSERVATION
GS **ASTRONOMY**
... GAMMA RAY ASTRONOMY
... INFRARED ASTRONOMY
... RADAR ASTRONOMY
... RADIO ASTRONOMY
... SPACEBORNE ASTRONOMY
... ULTRAVIOLET ASTRONOMY
... X RAY ASTRONOMY
RT ∞ AEROSPACE SCIENCES
AMOR ASTEROID
APOLLO ASTEROIDS
ASTROLABES
ASTROMETRY
∞ ASTRONAUTICS
ASTRONOMICAL INTERFEROMETRY
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL POLARIMETRY
ASTRONOMICAL SPECTROSCOPY
ASTROPHYSICS
CELESTIAL BODIES
CELESTIAL MECHANICS
EARTH LIMB
HALOS
INFRARED SOURCES (ASTRONOMY)
INFRARED TELESCOPES
MASS TO LIGHT RATIOS
METEOROID SHOWERS
MISSING MASS (ASTROPHYSICS)
∞ PHYSICAL SCIENCES
RELIC RADIATION
∞ SCIENCE
SEEING (ASTRONOMY)
SELENOLOGY
SIDEREAL TIME
SKY SURVEYS (ASTRONOMY)
SOLAR NEIGHBORHOOD
SOLAR PARALLAX
SOUTHERN SKY
SPACEBORNE TELESCOPES
STELLAR MAGNITUDE
STELLAR MODELS
STELLAR OSCILLATIONS

ASTRONOMY--(cont.)

TELESCOPES

ASTROPHYSICS

UF GEOASTROPHYSICS
 GS **ASTROPHYSICS**
 . COMPUTATIONAL ASTROPHYSICS
 . NUCLEAR ASTROPHYSICS
 . STELLAR PHYSICS
 . . SOLAR PHYSICS
 RT ACCRETION DISKS
 ASSOCIATION REACTIONS
 ASTRONOMY
 BRIGHTNESS DISTRIBUTION
 BRIGHTNESS TEMPERATURE
 CELESTIAL BODIES
 CELESTIAL MECHANICS
 COSMOLOGY
 DEGENERATE MATTER
 DENSE PLASMAS
 DISK GALAXIES
 GALACTIC EVOLUTION
 GAMMA RAY ASTRONOMY
 GEOPHYSICS
 GRAND UNIFIED THEORY
 GRAVITATIONAL COLLAPSE
 HELIOSEISMOLOGY
 INTERSTELLAR EXTINCTION
 MAGNETIC FIELD CONFIGURATIONS
 MASS TO LIGHT RATIOS
 MICHELSON INTERFEROMETERS
 MISSING MASS (ASTROPHYSICS)
 NAKED SINGULARITIES
 ORION NEBULA
 ∞ PHYSICS
 PLANETARY ROTATION
 RADIO INTERFEROMETERS
 RADIO JETS (ASTRONOMY)
 RELIC RADIATION
 ∞ SCIENCE
 SOLAR NEUTRINOS
 SPARTAN SATELLITES
 SPIN TEMPERATURE
 STAR FORMATION
 STELLAR CORES
 STELLAR ENVELOPES
 STELLAR EVOLUTION
 STELLAR INTERIORS
 STELLAR OSCILLATIONS
 THEORETICAL PHYSICS
 WOLF-RAYET STARS
 X RAY ASTROPHYSICS FACILITY
 X RAY BINARIES

ASTROPLANE

SN (LIMITED TO THE EUROPEAN AIRBORNE
 ASTRONOMICAL OBSERVATORY)
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . **ASTROPLANE**
 RT A-300 AIRCRAFT
 AIRBORNE EQUIPMENT
 INFRARED TELESCOPES

ASYMMETRY

UF DISSYMMETRY
 RT ANTISYMMETRY
 DEVIATION
 DISTORTION
 ECCENTRICITY
 SHAPES
 SKEWNESS
 SYMMETRY
 VARIATIONS

ASYMPTOTES

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **ASYMPTOTES**
 FUNCTIONS (MATHEMATICS)
 . **ASYMPTOTES**
 RT ANALYTIC GEOMETRY
 ASYMPTOTIC PROPERTIES
 ASYMPTOTIC SERIES
 CALCULUS
 NUMERICAL ANALYSIS

ASYMPTOTIC GIANT BRANCH STARS

UF AGB STARS
 GS CELESTIAL BODIES
 . STARS
 . . GIANT STARS
 . . . **ASYMPTOTIC GIANT BRANCH STARS**
 RT CARBON STARS

ASYMPTOTIC GIANT BRANCH STARS--(cont.)

COLOR-MAGNITUDE DIAGRAM
 HERTZSPRUNG-RUSSELL DIAGRAM
 LATE STARS
 M STARS
 MIRA VARIABLES
 RED GIANT STARS
 S STARS
 STELLAR EVOLUTION
 STELLAR MASS EJECTION

ASYMPTOTIC METHODS

GS PROBLEM SOLVING
 . **ASYMPTOTIC METHODS**
 RT ASYMPTOTIC PROPERTIES
 ITERATIVE SOLUTION
 LEARNING CURVES
 ∞ METHODOLOGY

ASYMPTOTIC PROPERTIES

RT ASYMPTOTES
 ASYMPTOTIC METHODS
 ASYMPTOTIC SERIES
 DIFFERENTIAL EQUATIONS
 INTEGRAL EQUATIONS
 MATHEMATICAL MODELS
 NORMALITY

ASYMPTOTIC SERIES

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . SERIES (MATHEMATICS)
 . . . **ASYMPTOTIC SERIES**
 . REAL VARIABLES
 . . SERIES (MATHEMATICS)
 . . . **ASYMPTOTIC SERIES**
 RT ASYMPTOTES
 ASYMPTOTIC PROPERTIES
 SERIES EXPANSION

ASYNCHRONOUS MOTORS

GS MOTORS
 . ELECTRIC MOTORS
 . . **ASYNCHRONOUS MOTORS**
 RT INDUCTION MOTORS
 SYNCHRONOUS MOTORS

ATARS

USE AUTOMATIC TRAFFIC ADVISORY AND
 RESOLUTION

ATAXIA

GS DISEASES
 . **ATAXIA**
 RT MUSCLES

ATAXITE

GS ROCKS
 . **ATAXITE**
 RT BRECCIA
 SOILS

ATCHAFALAYA RIVER BASIN (LA)

GS LANDFORMS
 . STRUCTURAL BASINS
 . . RIVER BASINS
 . . . **ATCHAFALAYA RIVER BASIN (LA)**
 RT LOUISIANA
 RIVERS

ATELECTASIS

GS DISEASES
 . **ATELECTASIS**
 RT LUNGS

ATF

USE F-22 AIRCRAFT

ATHENA ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **ATHENA ROCKET VEHICLE**
 RT BE-3 ENGINE
 REENTRY VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

ATHEROSCLEROSIS

USE ARTERIOSCLEROSIS

ATHLETES

RT COMPETITION
 PHYSICAL EXERCISE
 PHYSICAL FITNESS
 SPORTS MEDICINE

ATLAS CENTAUR LAUNCH VEHICLE

ATHODYDS

USE RAMJET ENGINES

ATLANTA (GA)

GS CITIES
 . **ATLANTA (GA)**
 RT GEORGIA

ATLANTIC AIRCRAFT

USE BREGUET 1150 AIRCRAFT

ATLANTIC OCEAN

GS OCEANS
 . **ATLANTIC OCEAN**
 RT ASSATEAGUE ISLAND (MD-VA)
 AZORES
 BERMUDA
 BLOCK ISLAND SOUND (RI)
 CAPE HATTERAS (NC)
 CAPE VERDE
 DELAWARE BAY (US)
 ENGLISH CHANNEL
 GARP ATLANTIC TROPICAL EXPERIMENT
 GULF STREAM
 LESSER ANTILLES
 LOMONOSOV CURRENT
 LONG ISLAND (NY)
 MID-OCEAN RIDGES
 OUTER BANKS (NC)
 SARGASSO SEA
 WALLOPS ISLAND
 WEST INDIES

ATLANTIS (ORBITER)

UF SPACE SHUTTLE ORBITER 104
 GS MANNED SPACECRAFT
 . SPACE SHUTTLE ORBITERS
 . . **ATLANTIS (ORBITER)**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . REUSABLE SPACECRAFT
 . . . SPACE SHUTTLE ORBITERS
 . . . **ATLANTIS (ORBITER)**
 RT MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSION 51-H
 SPACE SHUTTLE MISSION 51-J
 SPACE SHUTTLE MISSION 61-B
 ∞ SPACECRAFT

ATLAS ABLE 5 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . ATLAS LAUNCH VEHICLES
 . . **ATLAS ABLE 5 LAUNCH VEHICLE**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . ATLAS LAUNCH VEHICLES
 . . . **ATLAS ABLE 5 LAUNCH VEHICLE**
 RT LUNAR PROBES
 SPACE PROBES

ATLAS AGENA B LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . ATLAS LAUNCH VEHICLES
 . . **ATLAS AGENA B LAUNCH VEHICLE**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . ATLAS LAUNCH VEHICLES
 . . . **ATLAS AGENA B LAUNCH VEHICLE**
 RT AGENA ROCKET VEHICLES
 MARINER 2 SPACE PROBE
 MIDAS SATELLITES
 RANGER LUNAR PROBES
 RANGER 4 LUNAR PROBE

ATLAS AGENA LAUNCH VEHICLES

GS LAUNCH VEHICLES
 . ATLAS LAUNCH VEHICLES
 . . **ATLAS AGENA LAUNCH VEHICLES**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . ATLAS LAUNCH VEHICLES
 . . . **ATLAS AGENA LAUNCH VEHICLES**
 RT AGENA ROCKET VEHICLES
 ENVIRONMENTAL RESEARCH
 SATELLITES
 ERS 17
 ERS 18
 MARINER PROGRAM
 MARINER 5 SPACE PROBE
 MARINER 6 SPACE PROBE
 OGO-A
 ∞ VEHICLES

ATLAS CENTAUR LAUNCH VEHICLE

GS LAUNCH VEHICLES

ATLAS CENTAUR LAUNCH VEHICLE--(cont.)

. ATLAS LAUNCH VEHICLES
 . . ATLAS CENTAUR LAUNCH VEHICLE
 . . . CENTAUR LAUNCH VEHICLE
 . . . ATLAS CENTAUR LAUNCH VEHICLE
 ROCKET VEHICLES
 . CENTAUR LAUNCH VEHICLE
 . . ATLAS CENTAUR LAUNCH VEHICLE
 . . . MULTISTAGE ROCKET VEHICLES
 . . . ATLAS LAUNCH VEHICLES
 ATLAS CENTAUR LAUNCH VEHICLE
 RT CENTAUR PROJECT
 OAO 1
 OAO 2
 OAO 3
 RL-10 ENGINES
 SPACE SHUTTLE UPPER STAGE A
 SURVEYOR PROJECT
 SURVEYOR 1 LUNAR PROBE
 SURVEYOR 2 LUNAR PROBE
 SURVEYOR 3 LUNAR PROBE
 SURVEYOR 4 LUNAR PROBE
 SURVEYOR 5 LUNAR PROBE
 SURVEYOR 6 LUNAR PROBE
 SURVEYOR 7 LUNAR PROBE

ATLAS D ICBM

GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS D ICBM
 . . . SURFACE TO SURFACE MISSILES
 . . . INTERCONTINENTAL BALLISTIC MISSILES
 ATLAS ICBM
 ATLAS D ICBM
 RT CENTAUR LAUNCH VEHICLE
 STANDARD LAUNCH VEHICLES
 VEGA LAUNCH VEHICLE

ATLAS E ICBM

GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS E ICBM
 . . . SURFACE TO SURFACE MISSILES
 . . . INTERCONTINENTAL BALLISTIC MISSILES
 ATLAS ICBM
 ATLAS E ICBM

ATLAS F ICBM

GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS F ICBM
 . . . SURFACE TO SURFACE MISSILES
 . . . INTERCONTINENTAL BALLISTIC MISSILES
 ATLAS ICBM
 ATLAS F ICBM

ATLAS ICBM

GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 . . . SURFACE TO SURFACE MISSILES
 . . . INTERCONTINENTAL BALLISTIC MISSILES
 ATLAS ICBM
 ATLAS D ICBM
 ATLAS E ICBM
 ATLAS F ICBM
 RT MA-2 ENGINE
 MA-3 ENGINE

ATLAS LAUNCH VEHICLES

UF SM-65 MISSILE
 GS LAUNCH VEHICLES
 . ATLAS LAUNCH VEHICLES
 . . ATLAS ABLE 5 LAUNCH VEHICLE
 . . . ATLAS AGENA B LAUNCH VEHICLE
 . . . ATLAS AGENA LAUNCH VEHICLES
 . . . ATLAS CENTAUR LAUNCH VEHICLE

ATLAS LAUNCH VEHICLES--(cont.)

. . ATLAS SLV-3 LAUNCH VEHICLE
 ROCKET VEHICLES
 . . MULTISTAGE ROCKET VEHICLES
 . . . ATLAS LAUNCH VEHICLES
 ATLAS ABLE 5 LAUNCH VEHICLE
 ATLAS AGENA B LAUNCH VEHICLE
 ATLAS AGENA LAUNCH VEHICLES
 ATLAS CENTAUR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 RT EGO
 GEMINI PROJECT
 MA-5 ENGINE
 MARINER PROGRAM
 MERCURY FLIGHTS
 MERCURY MA-1 FLIGHT
 MERCURY MA-2 FLIGHT
 MERCURY MA-3 FLIGHT
 MERCURY MA-4 FLIGHT
 MERCURY MA-5 FLIGHT
 MERCURY MA-6 FLIGHT
 MERCURY MA-7 FLIGHT
 MERCURY MA-8 FLIGHT
 MERCURY MA-9 FLIGHT
 MERCURY PROJECT
 NOMAD LAUNCH VEHICLE
 OAO
 ORBITAL RENDEZVOUS
 RANGER PROJECT
 ∞ VEHICLES

ATLAS SLV-3 LAUNCH VEHICLE

UF STANDARD LAUNCH VEHICLE 3
 GS LAUNCH VEHICLES
 . ATLAS LAUNCH VEHICLES
 . . ATLAS SLV-3 LAUNCH VEHICLE
 . . . STANDARD LAUNCH VEHICLES
 ATLAS SLV-3 LAUNCH VEHICLE
 ROCKET VEHICLES
 . . MULTISTAGE ROCKET VEHICLES
 . . . ATLAS LAUNCH VEHICLES
 ATLAS SLV-3 LAUNCH VEHICLE
 . . . STANDARD LAUNCH VEHICLES
 ATLAS SLV-3 LAUNCH VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 MA-5 ENGINE

ATLIT PROJECT

UF ADVANCED TECHNOLOGY LIGHT TWIN
 AIRCRAFT
 GS PROGRAMS
 . NASA PROGRAMS
 . . ATLIT PROJECT
 . . . PROJECTS
 ATLIT PROJECT
 RT ∞ AIRCRAFT
 GAW-1 AIRFOIL
 PA-34 SENECA AIRCRAFT

ATMOSPHERE EXPLORER A

USE EXPLORER 17 SATELLITE

ATMOSPHERE EXPLORER B

USE EXPLORER 32 SATELLITE

ATMOSPHERE EXPLORER C

USE EXPLORER 51 SATELLITE

ATMOSPHERE EXPLORER D

USE EXPLORER 54 SATELLITE

ATMOSPHERE EXPLORER E

USE EXPLORER 55 SATELLITE

∞ ATMOSPHERES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT AIR
 ARGON-OXYGEN ATMOSPHERES
 ATMOSPHERIC PRESSURE
 CABIN ATMOSPHERES
 COMETARY ATMOSPHERES
 CONTROLLED ATMOSPHERES
 EARTH ATMOSPHERE
 ENVIRONMENTS
 EQUATORIAL ATMOSPHERE
 GAS MIXTURES
 GASES
 HELIUM-OXYGEN ATMOSPHERES
 HYPOBARIC ATMOSPHERES
 LIFE SUPPORT SYSTEMS
 METEOROLOGY
 MIDDLE ATMOSPHERE
 NEPTUNE ATMOSPHERE

ATMOSPHERES--(cont.)

NEUTRAL ATMOSPHERES
 NONGRAY ATMOSPHERES
 NONGRAY GAS
 PLANETARY ATMOSPHERES
 PLANETARY IONOSPHERES
 PRIMITIVE EARTH ATMOSPHERE
 SATELLITE ATMOSPHERES
 SOLAR ATMOSPHERE
 STELLAR ATMOSPHERES
 URANUS ATMOSPHERE

ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS

SN (ATMOSPHERIC & OCEANOGRAPHIC
 INFORMATION SYSTEMS)
 UF AOIPS
 GS INFORMATION SYSTEMS
 . ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 RT AEROLOGY
 AIR WATER INTERACTIONS
 DATA PROCESSING
 DATA SYSTEMS
 IMAGERY
 ISOTHERMS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MINICOMPUTERS
 OCEANOGRAPHIC PARAMETERS
 OCEANOGRAPHY
 ∞ SYSTEMS
 WEATHER

ATMOSPHERIC ABSORPTION

USE ATMOSPHERIC ATTENUATION

ATMOSPHERIC AND MAGNETOSPHERIC PAYLOAD

USE AMPS (SATELLITE PAYLOAD)

ATMOSPHERIC ATTENUATION

UF ATMOSPHERIC ABSORPTION
 GS ATTENUATION
 . ATMOSPHERIC ATTENUATION
 . . AURORAL ABSORPTION
 . . . ACOUSTIC ATTENUATION
 ATMOSPHERIC LASERS
 . . . COSMIC RAY ALBEDO
 . . . ELECTROMAGNETIC ABSORPTION
 . . . ELECTROMAGNETIC SCATTERING
 . . . ELECTROMAGNETIC WAVE
 . . . TRANSMISSION
 . . . INFRARED ABSORPTION
 . . . MICROWAVE ABSORPTION
 . . . MOLECULAR ABSORPTION
 . . . PLANETARY ATMOSPHERES
 . . . RADAR ATTENUATION
 . . . RADAR TRANSMISSION
 . . . RADIATION ABSORPTION
 . . . RADIO ATTENUATION
 . . . RADIO TRANSMISSION
 . . . SHOCK WAVE ATTENUATION
 . . . SHOCK WAVE PROPAGATION
 . . . THERMAL ABSORPTION
 . . . TRANSMISSION
 . . . VEGETATIVE INDEX
 . . . WAVE ATTENUATION
 . . . WAVE PROPAGATION

ATMOSPHERIC BOUNDARY LAYER

GS BOUNDARY LAYERS
 . ATMOSPHERIC BOUNDARY LAYER
 RT AIR FLOW
 AIR LAND INTERACTIONS
 BOUNDARY LAYER FLOW
 EKMAN LAYER
 ∞ LAYERS
 MIXING LAYERS (FLUIDS)
 PLANETARY BOUNDARY LAYER
 PRIMITIVE EQUATIONS

ATMOSPHERIC CHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
 . ATMOSPHERIC CHEMISTRY
 RT ACID RAIN
 AEROTHERMOCHEMISTRY
 AIR POLLUTION
 AITKEN NUCLEI
 ATMOSPHERIC EFFECTS
 ∞ CHEMISTRY
 FORMYL IONS
 MIDDLE ATMOSPHERE
 NITROUS ACID
 PHOTOCHEMICAL OXIDANTS
 PHOTOCHEMICAL REACTIONS
 PHYSICAL CHEMISTRY

ATMOSPHERIC CHEMISTRY--(cont.)
SATELLITE ATMOSPHERES**ATMOSPHERIC CIRCULATION**

UF WIND CIRCULATION
GS CIRCULATION
 . **ATMOSPHERIC CIRCULATION**
 . . ZONAL FLOW (METEOROLOGY)
RT ADVECTION
 AIR CURRENTS
 AIR LAND INTERACTIONS
 AIR MASSES
 ANNUAL VARIATIONS
 ATMOSPHERIC GENERAL CIRCULATION
 EXPERIMENT
 ATMOSPHERIC GENERAL CIRCULATION
 MODELS
 BAROCLINIC INSTABILITY
 BRUNT-VAISALA FREQUENCY
 CIRCULATION DISTRIBUTION
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GS DENSITY (MASS/VOLUME)
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GS REFRACTION
 . **ATMOSPHERIC REFRACTION**
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 . **ATMOSPHERIC TEMPERATURE**
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- RT ATMOSPHERIC ELECTRICITY
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- USE CORAL REEFS

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- .. ISLANDS
- ... **ATOLLS**
- RT CORAL REEFS
- LAGOONS
- REEFS

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- GS COMPOSITION (PROPERTY)
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- ... **ATOM CONCENTRATION**
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- ELECTRON DENSITY (CONCENTRATION)
- FLUX DENSITY
- GAS COMPOSITION
- GAS DENSITY
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- IONOSPHERIC COMPOSITION
- PLASMA COMPOSITION
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- USE RADIOISOTOPE BATTERIES

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- GS BEAMS (RADIATION)
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- ... **ATOMIC BEAMS**
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- MOLECULAR BEAMS
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- NEUTRAL BEAMS
- NEUTRON BEAMS
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- RAREFIED GAS DYNAMICS

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- USE FISSION WEAPONS

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- .. TIME MEASURING INSTRUMENTS
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- **ATOMIC CLOCKS**
- RT AUTONOMOUS SPACECRAFT CLOCKS
- CHRONOMETERS
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- GS ATOMIC INTERACTIONS
- .. **ATOMIC COLLISIONS**
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- ... **ATOMIC COLLISIONS**
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- ATOMIZING
- AUTOIONIZATION
- ∞ CROSS SECTIONS
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- ∞ INTERACTIONS
- IONIC COLLISIONS
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- USE NUCLEAR ENERGY

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- .. ENERGY LEVELS
- ... **ATOMIC ENERGY LEVELS**
- RT ATOMIC INTERACTIONS
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- GS EXCITATION
- .. **ATOMIC EXCITATIONS**
- RT ENERGY LEVELS
- HEISENBERG THEORY
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- USE NUCLEAR EXPLOSIONS

ATOMIC GASES

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- GS **ATOMIC INTERACTIONS**
- .. ATOMIC COLLISIONS
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- ∞ INTERACTIONS
- ION ATOM INTERACTIONS
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- USE ATOMIC WEIGHTS

ATOMIC MOBILITIES

- GS MOBILITY
- .. **ATOMIC MOBILITIES**
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- HOLE MOBILITY
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- SELF DIFFUSION (SOLID STATE)

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- RT HARTREE-FOCK-SLATER METHOD
- ∞ PHYSICS
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- ∞ SCIENCE

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- .. **ATOMIC RECOMBINATION**
- ... OXYGEN RECOMBINATION
- RECOMBINATION REACTIONS
- ... **ATOMIC RECOMBINATION**
- ... OXYGEN RECOMBINATION
- RT DEIONIZATION
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- ION RECOMBINATION
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ATOMIC SPECTRA

- GS SPECTRA
- .. **ATOMIC SPECTRA**
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- LYMAN ALPHA RADIATION
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- UF ELECTRONIC STRUCTURE
- RT ATOMS
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- CRYSTAL LATTICES
- ELEMENTARY PARTICLES
- ENERGY LEVELS
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- INTERATOMIC FORCES
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- NUCLEAR CHEMISTRY
- NUCLEAR MODELS
- NUCLEAR PHYSICS
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- PARTICLE PRECIPITATION
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- ∞ STRUCTURES
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- GS **ATOMIC THEORY**
- .. HEISENBERG THEORY
- RT ELECTRON TRANSITIONS
- GROUND STATE
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- ∞ NUCLEAR ENERGY
- QUANTUM THEORY
- ∞ THEORIES

ATOMIC WEIGHTS

- UF ATOMIC MASS
- GS WEIGHT (MASS)
- .. **ATOMIC WEIGHTS**
- RT ∞ WEIGHT

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- USE ATOMIZING

ATOMIZERS

- RT ATOMIZING
- EVAPORATORS
- GRINDING MILLS
- ∞ NOZZLES
- SPRAYERS

ATOMIZING

- UF ATOMIZATION
- GS **ATOMIZING**
- .. GAS ATOMIZATION
- .. LIQUID ATOMIZATION
- RT AEROSOLS
- ATOMIC COLLISIONS
- ATOMIZERS
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- COLLOIDING
- COMMINUTION
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- FLAKING
- GRINDING (COMMINUTION)
- GRINDING MILLS
- METAL POWDER
- SPRAYING

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- .. HOT ATOMS
- .. HYDROGEN ATOMS
- .. METASTABLE ATOMS
- .. NEUTRAL ATOMS
- .. NITROGEN ATOMS
- .. OXYGEN ATOMS
- .. RECOIL ATOMS
- RT ATOMIC STRUCTURE
- CHEMICAL ELEMENTS
- ∞ ELEMENTS
- FREE RADICALS
- IONS
- ISOMERS
- ISOTOPE SEPARATION
- ISOTOPES
- MOLECULES
- MONATOMIC MOLECULES
- NUCLEI (NUCLEAR PHYSICS)
- POLYATOMIC MOLECULES
- POSITIVE IONS
- POSITRONIUM

ATP

- USE ADENOSINE TRIPHOSPHATE

ATR REACTOR

- USE ADVANCED TEST REACTORS

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RT BIOLOGICAL EFFECTS
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. **ATROPINE**
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. ALKALOIDS
. **ATROPINE**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. **ATROPINE**

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. SCIENTIFIC SATELLITES
. **ATS**
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. **ATS 2**
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. **ATS 5**
. **ATS 6**
. **ATS 7**
. **ATS 8**
RT COMMUNICATION SATELLITES
EARLY BIRD SATELLITES
METEOROLOGICAL SATELLITES
NAVIGATION SATELLITES
NAVSTAR SATELLITES

ATS 1

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 1**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 1**

ATS 2

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 2**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 2**

ATS 3

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 3**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 3**

ATS 4

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 4**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 4**

ATS 5

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 5**

ATS 5--(cont.)

. SCIENTIFIC SATELLITES
. **ATS**
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ATS 6

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
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. **ATS 6**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 6**
RT HET EXPERIMENT

ATS 7

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 7**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 7**

ATS 8

GS ARTIFICIAL SATELLITES
. GRAVITY GRADIENT SATELLITES
. **ATS**
. **ATS 8**
. SCIENTIFIC SATELLITES
. **ATS**
. **ATS 8**

∞ ATTACHMENT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF REATTACHMENT
RT ASSEMBLING
COANDA EFFECT
ELECTRON ATTACHMENT
MOUNTING
REATTACHED FLOW

ATTACHMENTS

USE ACCESSORIES

∞ ATTACK

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ATTACKING (ASSAULTING)
CHEMICAL ATTACK

ATTACK AIRCRAFT

GS **ATTACK AIRCRAFT**
. A-1 AIRCRAFT
. A-7 AIRCRAFT
. A-9 AIRCRAFT
. A-10 AIRCRAFT
. A-37 AIRCRAFT
. AH-63 HELICOPTER
. AH-64 HELICOPTER
. BOMBER AIRCRAFT
. A-2 AIRCRAFT
. A-3 AIRCRAFT
. A-4 AIRCRAFT
. A-5 AIRCRAFT
. A-6 AIRCRAFT
. B-1 AIRCRAFT
. B-2 AIRCRAFT
. B-26 AIRCRAFT
. B-47 AIRCRAFT
. B-50 AIRCRAFT
. B-52 AIRCRAFT
. B-57 AIRCRAFT
. B-58 AIRCRAFT
. B-66 AIRCRAFT
. B-70 AIRCRAFT
. F-100 AIRCRAFT
. SHACKLETON BOMBER
. VALIANT AIRCRAFT
. VICTOR MK-1 AIRCRAFT
. VULCAN AIRCRAFT
. BREGUET 1150 AIRCRAFT
. BUCCANEER AIRCRAFT
. CL-41 AIRCRAFT
. DH 112 AIRCRAFT
. DH 115 AIRCRAFT
. FIGHTER AIRCRAFT
. ALPHA JET AIRCRAFT
. F-2 AIRCRAFT
. F-4 AIRCRAFT
. F-5 AIRCRAFT
. F-8 AIRCRAFT

ATTACK AIRCRAFT--(cont.)

. F-9 AIRCRAFT
. F-14 AIRCRAFT
. F-15 AIRCRAFT
. F-16 AIRCRAFT
. F-17 AIRCRAFT
. F-18 AIRCRAFT
. F-20 AIRCRAFT
. F-22 AIRCRAFT
. F-27 AIRCRAFT
. F-84 AIRCRAFT
. F-86 AIRCRAFT
. F-89 AIRCRAFT
. F-94 AIRCRAFT
. F-100 AIRCRAFT
. F-101 AIRCRAFT
. F-102 AIRCRAFT
. F-104 AIRCRAFT
. F-105 AIRCRAFT
. F-106 AIRCRAFT
. F-111 AIRCRAFT
. F-117A AIRCRAFT
. FV-12A AIRCRAFT
. G-91 AIRCRAFT
. G-95/4 AIRCRAFT
. GA-5 AIRCRAFT
. HARRIER AIRCRAFT
. JAGUAR AIRCRAFT
. JET PROVOST AIRCRAFT
. MIG AIRCRAFT
. MIRAGE AIRCRAFT
. MIRAGE 3 AIRCRAFT
. P-51 AIRCRAFT
. P-1127 AIRCRAFT
. P-1154 AIRCRAFT
. SAAB 37 AIRCRAFT
. SCIMITAR AIRCRAFT
. VAMPIRE MK 35 AIRCRAFT
. VJ-101 AIRCRAFT
. YF-12 AIRCRAFT
. YF-16 AIRCRAFT
. OV-10 AIRCRAFT
. P-308 AIRCRAFT
. T-2 AIRCRAFT
. TSR-2 AIRCRAFT
RT AEROQUATIC VEHICLES
∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
JET AIRCRAFT
∞ MILITARY AIRCRAFT
MILITARY HELICOPTERS
MRCA AIRCRAFT
SUPERSONIC AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
V/STOL AIRCRAFT

ATTACKING (ASSAULTING)

UF ASSAULTING
GS VIOLENCE
. **ATTACKING (ASSAULTING)**
RT ∞ ATTACK
∞ MILITARY AIRCRAFT
TACTICS
WARFARE

ATTENTION

RT ALERTNESS
CONSCIOUSNESS

ATTENUATION

GS **ATTENUATION**
. ATMOSPHERIC ATTENUATION
. AURORAL ABSORPTION
. MICROWAVE ATTENUATION
. SIDELobe REDUCTION
. WAVE ATTENUATION
. ACOUSTIC ATTENUATION
. SHOCK WAVE ATTENUATION
. RADAR ATTENUATION
. RADIO ATTENUATION
RT ∞ ABSORPTION
ATTENUATORS
∞ CONDUCTION
DAMPING
DIFFRACTION
DILUTION
DISSIPATION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE
TRANSMISSION
ELIMINATION
FADING
IMPINGEMENT
∞ INHIBITION
INTERNAL FRICTION

ATTENUATION--(cont.)

LIGHT (VISIBLE RADIATION)
 MECHANICAL IMPEDANCE
 ∞ PROPAGATION
 ∞ REDUCTION
 RETARDING
 SHIELDING
 SIGNAL FADING
 SIGNAL TO NOISE RATIOS
 SOUND PROPAGATION
 SOUND TRANSMISSION
 SPATIAL FILTERING
 TRANSMISSION
 TRANSMISSION LOSS
 TRANSMITTERS
 VIBRATION DAMPING
 WAVE DEGRADATION
 WAVE DIFFRACTION
 WAVE DISPERSION
 WAVE PROPAGATION

ATTENUATION COEFFICIENTS

GS COEFFICIENTS
 . **ATTENUATION COEFFICIENTS**
 RT DIFFUSION COEFFICIENT
 FLOW COEFFICIENTS
 IMPEDANCE
 OPACITY
 REFLECTANCE
 SCATTERING COEFFICIENTS
 TRANSMISSION EFFICIENCY
 TRANSMITTANCE

ATTENUATORS

GS **ATTENUATORS**
 . RESISTORS
 . . POTENTIOMETERS (RESISTORS)
 . . PRINTED RESISTORS
 . . THERMISTORS
 RT ∞ ABSORBERS
 ABSORBERS (MATERIALS)
 ATTENUATION
 BAFFLES
 DEFLECTORS
 ∞ DIFFUSERS
 ELECTROMAGNETIC WAVE FILTERS
 EQUALIZERS (CIRCUITS)
 ∞ FILTERS
 INSULATORS
 INVERTERS
 ISOLATORS
 MUFFLERS
 POWER LIMITERS
 RADIATION SHIELDING
 REFLECTORS
 SHIELDING
 SILENCERS
 SUPPRESSORS

ATTITUDE (INCLINATION)

UF SPATIAL ORIENTATION
 TILT
 TILTING
 GS **ATTITUDE (INCLINATION)**
 . PITCH (INCLINATION)
 . ROLL
 . SATELLITE ORIENTATION
 . YAW
 RT HORIZONTAL ORIENTATION
 INSTRUMENT ORIENTATION
 MISALIGNMENT
 ∞ MOTION
 ∞ ORIENTATION
 ∞ POSITION
 ∞ SPACE ORIENTATION
 STABILITY AUGMENTATION
 TILTMETERS
 VERTICAL ORIENTATION

ATTITUDE CONTROL

GS **ATTITUDE CONTROL**
 . DIRECTIONAL CONTROL
 . . THRUST VECTOR CONTROL
 . LATERAL CONTROL
 . LONGITUDINAL CONTROL
 . SATELLITE ATTITUDE CONTROL
 RT AIR TRAFFIC CONTROL
 AIRCRAFT CONTROL
 AUTOMATIC CONTROL
 COLD GAS
 ∞ CONTROL
 CONTROL MOMENT GYROSCOPES
 FLIGHT CONTROL
 GUIDANCE SENSORS
 HELICOPTER CONTROL

ATTITUDE CONTROL--(cont.)

HORIZON SCANNERS
 MAGNETIC CONTROL
 MANUAL CONTROL
 MIRANDA SATELLITE
 MISSILE CONTROL
 ORBITAL LIFETIME
 REACTION WHEELS
 REMOTE CONTROL
 ROCKET ENGINE CONTROL
 SATELLITE CONTROL
 SOLAR SENSORS
 SPACECRAFT CONTROL
 SPACING
 SPIN STABILIZATION
 STAR TRACKERS
 THRUST CONTROL
 TRAJECTORY CONTROL
 VISUAL CONTROL

ATTITUDE GYROS

GS GYROSCOPES
 . **ATTITUDE GYROS**
 . . GYRO HORIZONS
 RT CONTROL MOMENT GYROSCOPES
 SEA KEEPING

ATTITUDE INDICATORS

UF HELICOPTER ATTITUDE INDICATORS
 YAWMETERS
 GS FLIGHT INSTRUMENTS
 . **ATTITUDE INDICATORS**
 . . GYRO HORIZONS
 MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . **ATTITUDE INDICATORS**
 . . . GYRO HORIZONS
 NAVIGATION AIDS
 . NAVIGATION INSTRUMENTS
 . . **ATTITUDE INDICATORS**
 . . . GYRO HORIZONS
 RT AIRCRAFT INSTRUMENTS
 CONTROL MOMENT GYROSCOPES
 FLIGHT CONTROL

ATTITUDE STABILITY

UF SATELLITE ATTITUDE DISTURBANCE
 GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . **ATTITUDE STABILITY**
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . **ATTITUDE STABILITY**
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 . DISCOS (SATELLITE ATTITUDE
 CONTROL)
 HOVERING STABILITY
 LOW SPEED STABILITY
 SATELLITE ATTITUDE CONTROL
 SPACECRAFT MOTION
 SPACECRAFT STABILITY
 TUMBLING MOTION

ATTRACTION

RT AFFINITY
 FIELD THEORY (PHYSICS)
 ∞ FORCE
 GRAVITATIONAL FIELDS

ATTRIBUTES

USE PROPERTIES

ATTRITION (MATERIALS)

USE COMMUNION

AUDIO DATA

RT AUDIO FREQUENCIES
 ∞ DATA
 DATA TRANSMISSION

AUDIO EQUIPMENT

GS **AUDIO EQUIPMENT**
 . EARPHONES
 . LOUDSPEAKERS

AUDIO EQUIPMENT--(cont.)

. MICROPHONES
 RT ∞ EQUIPMENT
 MONAURAL SIGNALS

AUDIO FREQUENCIES

SN (APPROXIMATELY 20 TO 20,000 HZ)
 GS FREQUENCIES
 . ACOUSTIC FREQUENCIES
 . . **AUDIO FREQUENCIES**
 . . . QUEFRENCIES
 RT ACOUSTIC MEASUREMENT
 AUDIO DATA
 AUDIO SIGNALS
 AUDITORY PERCEPTION
 CEPSTRAL ANALYSIS
 EXTREMELY LOW RADIO FREQUENCIES
 MONAURAL SIGNALS
 NOISE POLLUTION
 RADIO FREQUENCIES
 SOUND GENERATORS
 SOUND TRANSMISSION
 SOUND WAVES
 VERY LOW FREQUENCIES
 VOICE

AUDIO SIGNALS

RT AUDIO FREQUENCIES
 AUDITORY SIGNALS
 SIGNAL PROCESSING
 SIGNAL TRANSMISSION
 ∞ SIGNALS

AUDIO TAPES

RT ACOUSTICS
 AUDIO VISUAL MATERIAL
 INFORMATION
 MAGNETIC TAPES
 ∞ TAPES
 VIDEO TAPES

AUDIO VISUAL EQUIPMENT

RT MULTIMEDIA

AUDIO VISUAL MATERIAL

RT AUDIO TAPES
 MULTIMEDIA
 VISUAL AIDS

AUDIOLOGY

RT AUDIOMETRY
 AUDITORY FATIGUE
 AUDITORY PERCEPTION
 HEARING

AUDIOMETRY

RT ACOUSTIC MEASUREMENT
 AUDIOLOGY
 AUDITORY DEFECTS
 AUDITORY FATIGUE
 AUDITORY PERCEPTION
 AUDITORY STIMULI
 HEARING
 MASKING
 ∞ MEASUREMENT
 THRESHOLDS (PERCEPTION)

AUDITORY DEFECTS

UF DEAFNESS
 HEARING LOSS
 GS DEFECTS
 . **AUDITORY DEFECTS**
 RT AUDIOMETRY
 BIOACOUSTICS
 DISABILITIES
 LOSSES

AUDITORY FATIGUE

GS FATIGUE (BIOLOGY)
 . **AUDITORY FATIGUE**
 RT AUDIOLOGY
 AUDIOMETRY
 HEARING
 NOISE THRESHOLD

AUDITORY PERCEPTION

UF SOUND PERCEPTION
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . **AUDITORY PERCEPTION**
 RT ACOUSTICS
 AUDIO FREQUENCIES
 AUDIOLOGY
 AUDIOMETRY

AUDITORY PERCEPTION--(cont.)

AUDITORY SENSATION AREAS
 BINAURAL HEARING
 EAR
 EARPHONES
 MONAURAL SIGNALS
 NOISE THRESHOLD
 PSYCHOACOUSTICS
 SENSITIVITY
 SOUND LOCALIZATION
 SOUND WAVES
 SPEECH
 THRESHOLDS (PERCEPTION)
 WEBER TEST

AUDITORY SENSATION AREAS

RT AUDITORY PERCEPTION
 AUDITORY STIMULI
 BIOACOUSTICS
 THRESHOLDS (PERCEPTION)

AUDITORY SIGNALS

UF CHIMES
 RT AUDIO SIGNALS
 BELLS
 CUES
 HORNS
 MONAURAL SIGNALS
 PSYCHOACOUSTICS
 SIGNAL MIXING
 ∞ SIGNALS
 WARNING
 WARNING SYSTEMS

AUDITORY STIMULI

GS STIMULATION
 . AUDITORY STIMULI
 RT ACOUSTICS
 AUDIOMETRY
 AUDITORY SENSATION AREAS
 NOISE (SOUND)
 NOISE INTENSITY
 SOUND GENERATORS
 SOUND INTENSITY
 ∞ STIMULI
 THRESHOLDS (PERCEPTION)

AUDITORY TASKS

GS TASKS
 . AUDITORY TASKS
 RT ACOUSTICS
 HEARING
 NOISE (SOUND)

AUFEIS (ICE)

RT ICE
 MELTING
 PERMAFROST
 RIVERS

AUGER EFFECT

RT COSMIC RAY SHOWERS
 ∞ EFFECTS
 ELECTRON TRANSITIONS

AUGER SPECTROSCOPY

GS SPECTROSCOPY
 . AUGER SPECTROSCOPY
 RT CHEMICAL ANALYSIS
 ELECTRON TRANSITIONS
 SPECTROSCOPIC ANALYSIS
 THERMITES

AUGMENTATION

UF ENHANCEMENT
 GS AUGMENTATION
 . STABILITY AUGMENTATION
 . THRUST AUGMENTATION
 RT INCREASING
 SPATIAL FILTERING

AURIGA CONSTELLATION

GS CONSTELLATIONS
 . AURIGA CONSTELLATION
 RT ZETA AURIGAE STAR

AURORA 7

GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . . AURORA 7
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . AURORA 7

AURORA 7--(cont.)

SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT
 . . AURORA 7
 SPACE CAPSULES
 . MERCURY SPACECRAFT
 . . AURORA 7
 RT MERCURY MA-7 FLIGHT

AURORAL ABSORPTION

GS ATTENUATION
 . ATMOSPHERIC ATTENUATION
 . . AURORAL ABSORPTION
 ENERGY ABSORPTION
 . RADIATION ABSORPTION
 . . ELECTROMAGNETIC ABSORPTION
 . . . AURORAL ABSORPTION
 RT ∞ ABSORPTION
 LIGHT EMISSION
 RIOMETERS

AURORAL ACTIVITY

USE AURORAS

AURORAL ARCS

GS ATMOSPHERIC RADIATION
 . AURORAS
 . . AURORAL ARCS
 . . . RED ARCS
 RT ∞ ARCS

AURORAL ECHOES

GS ECHOES
 . AURORAL ECHOES
 RT RADAR ECHOES
 RADIO ECHOES

AURORAL ELECTROJETS

GS ELECTRIC CURRENT
 . IONOSPHERIC CURRENTS
 . . ELECTROJETS
 . . . AURORAL ELECTROJETS
 ELECTRICITY
 . ATMOSPHERIC ELECTRICITY
 . . IONOSPHERIC CURRENTS
 . . . ELECTROJETS
 AURORAL ELECTROJETS
 RT BIRKELAND CURRENTS
 EQUATORIAL ELECTROJET
 TELLURIC CURRENTS

AURORAL IONIZATION

GS IONIZATION
 . GAS IONIZATION
 . . ATMOSPHERIC IONIZATION
 . . . AURORAL IONIZATION
 RT AURORAS
 EXCITATION
 LIGHT EMISSION
 PHOTOIONIZATION
 RED ARCS

AURORAL IRRADIATION

GS IRRADIATION
 . AURORAL IRRADIATION
 RT AURORAS
 ELECTRON IRRADIATION
 EXCITATION
 ION IRRADIATION
 PHOTOIONIZATION

AURORAL SPECTROSCOPY

GS SPECTROSCOPY
 . AURORAL SPECTROSCOPY
 RT CHANNEL MULTIPLIERS
 FABRY-PEROT SPECTROMETERS
 LIGHT EMISSION
 OPTICAL EMISSION SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 VISIBLE SPECTRUM

AURORAL TEMPERATURE

GS TEMPERATURE
 . ATMOSPHERIC TEMPERATURE
 . . AURORAL TEMPERATURE
 RT AURORAS
 ION TEMPERATURE
 IONOSPHERIC TEMPERATURE

AURORAL ZONES

GS REGIONS
 . AURORAL ZONES
 RT AURORAS
 BIRKELAND CURRENTS

AURORAL ZONES--(cont.)

MAGNETIC POLES
 POLAR RADIO BLACKOUT
 POLAR REGIONS

AURORAS

UF AURORAL ACTIVITY
 POLAR AURORAS
 GS ATMOSPHERIC RADIATION
 . AURORAS
 . . AURORAL ARCS
 . . . RED ARCS
 . . . RADIO AURORAS
 RT AERONOMY
 AIRGLOW
 AURORAL IONIZATION
 AURORAL IRRADIATION
 AURORAL TEMPERATURE
 AURORAL ZONES
 DAWN CHORUS
 EARTH ATMOSPHERE
 ELECTRON PRECIPITATION
 ESRO 4 SATELLITE
 LIGHT EMISSION
 MAGNETIC DISTURBANCES
 NIGHT SKY
 PROTON PRECIPITATION
 SKY BRIGHTNESS
 SOLAR ACTIVITY
 X RAYS

AUSFORMING

GS FORMING TECHNIQUES
 . HOT WORKING
 . . AUSFORMING
 METAL WORKING
 . AUSFORMING
 RT FORGING
 ∞ ROLLING

AUSTENITE

RT ALLOTROPY
 FERRITES
 IRON ALLOYS
 MARTENSITE
 MARTENSITIC TRANSFORMATION
 MICROSTRUCTURE
 STEELS

AUSTENITIC STAINLESS STEELS

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . STAINLESS STEELS
 AUSTENITIC STAINLESS STEELS
 RT MARTENSITIC STAINLESS STEELS
 TIME TEMPERATURE PARAMETER

AUSTIN COMET

GS CELESTIAL BODIES
 . COMETS
 . . AUSTIN COMET

AUSTRALIA

GS CONTINENTS
 . AUSTRALIA
 NATIONS
 . AUSTRALIA
 RT AUSTRALIAN SPACE PROGRAM
 PAPUA NEW GUINEA
 TASMANIA
 TORRES STRAIT

AUSTRALIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . AUSTRALIAN SPACE PROGRAM
 RT AUSTRALIA

AUSTRALITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . TEKTITES
 AUSTRALITES
 RT BEDIASITES

AUSTRIA

GS NATIONS
 . AUSTRIA
 RT ALPS MOUNTAINS (EUROPE)
 AUSTRIAN SPACE PROGRAM
 CENTRAL EUROPE
 EUROPE

AUSTRIAN SPACE PROGRAM

- GS PROGRAMS
 - . SPACE PROGRAMS
 - . . EUROPEAN SPACE PROGRAMS
 - . . . **AUSTRIAN SPACE PROGRAM**
- RT AUSTRIA

AUTOCATALYSIS

- GS CATALYSIS
 - . **AUTOCATALYSIS**
- RT ABIOTIC ACTIVITY
 - CATALYTIC ACTIVITY
 - REACTION KINETICS

AUTOCLAVES

- RT AUTOCLAVING
 - CHEMICAL REACTORS
- ∞ CONTAINERS
- PRESSURE VESSELS

AUTOCLAVING

- RT AUTOCLAVES
 - CURING
 - HEATING
 - LEACHING
 - POWDER METALLURGY

AUTOCODERS

- GS LANGUAGES
 - . PROGRAMMING LANGUAGES
 - . . ASSEMBLY LANGUAGE
 - . . . **AUTOCODERS**
- RT COMPILERS
 - COMPUTER PROGRAMMING
 - COMPUTER SYSTEMS PROGRAMS
 - MACHINE ORIENTED LANGUAGES

AUTOCOLLIMATORS

- USE COLLIMATORS

AUTOCORRELATION

- GS CORRELATION
 - . **AUTOCORRELATION**
- RT CROSS CORRELATION
 - DATA CORRELATION
 - FOURIER ANALYSIS
 - PERIODIC VARIATIONS
 - TIME SERIES ANALYSIS

AUTODYNES

- GS CIRCUITS
 - . **AUTODYNES**
 - OSCILLATORS
 - . **AUTODYNES**
- RT ∞ DETECTORS
 - FREQUENCY CONTROL
 - HETERODYNING
 - SIGNAL ANALYZERS
 - SIGNAL DETECTION
 - SIGNAL DETECTORS
 - VACUUM TUBE OSCILLATORS

AUTOGYROS

- GS V/STOL AIRCRAFT
 - . ROTARY WING AIRCRAFT
 - . . **AUTOGYROS**
 - . . . AVIAN 2/180 AUTOGIRO

AUTOIONIZATION

- GS DISSOCIATION
 - . **AUTOIONIZATION**
 - IONIZATION
 - . **AUTOIONIZATION**
- RT ATOMIC COLLISIONS
 - MANY ELECTRON EFFECTS

AUTOKINESIS

- GS PERCEPTION
 - . SENSORY PERCEPTION
 - . . PROPRIOCEPTION
 - . . . **AUTOKINESIS**
 - . . . VISUAL PERCEPTION
 - . . . SPACE PERCEPTION
 - **AUTOKINESIS**

AUTOMATA THEORY

- RT ADAPTIVE CONTROL
 - ARTIFICIAL INTELLIGENCE
- ∞ AUTOMATION
- BIONICS
- COMPUTERS
- CYBERNETICS
- DEPERSONALIZATION
- HEURISTIC METHODS

AUTOMATA THEORY--(cont.)

- INFORMATION THEORY
- MACHINE LEARNING
- MODEL REFERENCE ADAPTIVE CONTROL
- ROBOTICS
- ROBOTS
- SELF ADAPTIVE CONTROL SYSTEMS
- ∞ THEORIES
- TURING MACHINES

AUTOMATED EN ROUTE ATC

- GS GROUND BASED CONTROL
 - . AIR TRAFFIC CONTROL
 - . . **AUTOMATED EN ROUTE ATC**
 - TRAFFIC CONTROL
 - . AIR TRAFFIC CONTROL
 - . . **AUTOMATED EN ROUTE ATC**
- RT AIRCRAFT GUIDANCE
 - APPROACH CONTROL
 - AUTOMATED PILOT ADVISORY SYSTEM
 - FLIGHT CONTROL
 - GROUND-AIR-GROUND COMMUNICATION
 - MICROWAVE LANDING SYSTEMS

AUTOMATED GUIDEWAY TRANSIT VEHICLES

- UF AGT
- GS SURFACE VEHICLES
 - . AUTOMATED TRANSIT VEHICLES
 - . . **AUTOMATED GUIDEWAY TRANSIT VEHICLES**
- RT AUTOMATED MIXED TRAFFIC VEHICLES
 - CONVEYORS
 - PASSENGERS
 - RAIL TRANSPORTATION
 - RAPID TRANSIT SYSTEMS
 - TRANSPORTATION
 - URBAN TRANSPORTATION
- ∞ VEHICLES

AUTOMATED MIXED TRAFFIC VEHICLES

- UF AMTV
- GS RESEARCH VEHICLES
 - . **AUTOMATED MIXED TRAFFIC VEHICLES**
 - SURFACE VEHICLES
 - . MOTOR VEHICLES
 - . . **AUTOMATED MIXED TRAFFIC VEHICLES**
- RT AUTOMATED GUIDEWAY TRANSIT VEHICLES
 - PASSENGERS
 - URBAN TRANSPORTATION
- ∞ VEHICLES

AUTOMATED PILOT ADVISORY SYSTEM

- RT AIR TRAFFIC CONTROL
 - AUTOMATED EN ROUTE ATC
 - AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
- ∞ SYSTEMS

AUTOMATED RADAR TERMINAL SYSTEM

- RT AIR TRAFFIC CONTROL
 - RADAR EQUIPMENT
 - RADAR TRACKING
- ∞ SYSTEMS

AUTOMATED TRANSIT VEHICLES

- GS SURFACE VEHICLES
 - . **AUTOMATED TRANSIT VEHICLES**
 - . . AUTOMATED GUIDEWAY TRANSIT VEHICLES
- RT CONVEYORS
 - ELECTRIC MOTOR VEHICLES
 - PASSENGERS
 - RAIL TRANSPORTATION
 - RAPID TRANSIT SYSTEMS
 - TRANSPORTATION
 - URBAN TRANSPORTATION
- ∞ VEHICLES

AUTOMATIC CONTROL

- UF SELF REGULATING
- GS **AUTOMATIC CONTROL**
 - . ADAPTIVE CONTROL
 - . . ACTIVE CONTROL
 - . . MACHINE LEARNING
 - . . MODEL REFERENCE ADAPTIVE CONTROL
 - . . SELF ADAPTIVE CONTROL SYSTEMS
 - . AUTOMATIC FLIGHT CONTROL
 - . . AUTOMATIC LANDING CONTROL
 - . AUTOMATIC FREQUENCY CONTROL
 - . AUTOMATIC GAIN CONTROL

AUTOMATIC CONTROL--(cont.)

- . DYNAMIC CONTROL
- . FEEDBACK CONTROL
- . . CASCADE CONTROL
- . FEEDFORWARD CONTROL
- . NUMERICAL CONTROL
- . OFF-ON CONTROL
- . OPTIMAL CONTROL
- . . H-INFINITY CONTROL
- . . LINEAR QUADRATIC REGULATOR
- . . . LINEAR QUADRATIC GAUSSIAN CONTROL
- . . TIME OPTIMAL CONTROL
- . PROPORTIONAL CONTROL
- . SELF ALIGNMENT
- . SEQUENTIAL CONTROL
- RT AIRCRAFT CONTROL
 - ATTITUDE CONTROL
- ∞ AUTOMATION
- ∞ COMBUSTION CONTROL
- ∞ CONTROL
 - CONTROL EQUIPMENT
 - CONTROL SYSTEMS DESIGN
 - CONTROLLERS
 - DEPERSONALIZATION
 - DIRECTIONAL CONTROL
 - DYNAMIC CHARACTERISTICS
 - ELECTRIC CONTROL
 - ELECTRONIC AIRCRAFT
 - ELECTRONIC CONTROL
 - ENGINE CONTROL
 - ENVIRONMENTAL CONTROL
 - FLIGHT CONTROL
 - GROUND BASED CONTROL
 - GUIDANCE (MOTION)
 - HELICOPTER CONTROL
 - HYDRAULIC CONTROL
- ∞ INSTRUMENTS
 - JET CONTROL
 - LANDING INSTRUMENTS
 - LATERAL CONTROL
 - LONGITUDINAL CONTROL
 - MANUAL CONTROL
 - MEASURING INSTRUMENTS
 - MISSILE CONTROL
 - NEGATIVE FEEDBACK
 - OPTICAL CONTROL
 - PNEUMATIC CONTROL
 - RADIO CONTROL
 - REAL TIME OPERATION
 - RECORDING INSTRUMENTS
 - REENTRY GUIDANCE
 - REGULATORS
 - RELIEF VALVES
 - REMOTE CONTROL
 - ROBOTICS
 - ROCKET ENGINE CONTROL
 - SAMPLED DATA SYSTEMS
 - SATELLITE ATTITUDE CONTROL
 - SATELLITE CONTROL
 - SATELLITE GUIDANCE
 - SELF ABSORPTION
 - SERVOCONTROL
 - SERVOMECHANISMS
 - SERVOMOTORS
 - SPACECRAFT CONTROL
 - SPACECRAFT GUIDANCE
 - SPEED CONTROL
 - STABILITY AUGMENTATION
 - TEMPERATURE CONTROL
 - TERMINAL CONFIGURED VEHICLE PROGRAM
 - THERMOSTATS
 - THRUST VECTOR CONTROL
 - TRACKING PROBLEM
 - TRANSFER FUNCTIONS
 - TURBOJET ENGINE CONTROL

AUTOMATIC CONTROL VALVES

- GS VALVES
 - . **AUTOMATIC CONTROL VALVES**
 - . . PRESSURE REGULATORS
 - . . RELIEF VALVES
- RT ACTUATORS
 - ∞ CONTROL
 - DAMPERS (VALVES)
 - DYNAMIC CHARACTERISTICS
 - FLUID AMPLIFIERS
 - FLUID SWITCHING ELEMENTS
 - GAS VALVES
 - HYDRAULIC EQUIPMENT
 - PNEUMATIC CONTROL
 - REGULATORS
 - SERVOMECHANISMS
 - SOLENOID VALVES
 - TEMPERATURE CONTROL

AUTOMATIC DATA PROCESSING
USE DATA PROCESSING

AUTOMATIC FLIGHT CONTROL

UF AFCS (CONTROL SYSTEM)
GS AUTOMATIC CONTROL
 . AUTOMATIC FLIGHT CONTROL
 . . AUTOMATIC LANDING CONTROL
 FLIGHT CONTROL
 . AUTOMATIC FLIGHT CONTROL
 . . AUTOMATIC LANDING CONTROL
RT AIRCRAFT CONTROL
AIRCRAFT INSTRUMENTS
AUTONOMOUS NAVIGATION
∞ CONTROL
DISTANCE MEASURING EQUIPMENT
FLIGHT MANAGEMENT SYSTEMS
HIGHLY MANEUVERABLE AIRCRAFT
MISSILE CONTROL
NAVIGATION
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SOLAR COMPASSES
TERMINAL CONFIGURED VEHICLE
PROGRAM
THRUST VECTOR CONTROL

AUTOMATIC FREQUENCY CONTROL

UF AFC (CONTROL)
GS AUTOMATIC CONTROL
 . AUTOMATIC FREQUENCY CONTROL
 REGULATORS
 . FREQUENCY CONTROL
 . . AUTOMATIC FREQUENCY CONTROL
RT ∞ CONTROL
FEEDBACK CONTROL
FREQUENCY MODULATION
OSCILLATORS
TUNING

AUTOMATIC GAIN CONTROL

UF AGC (CONTROL)
GS AUTOMATIC CONTROL
 . AUTOMATIC GAIN CONTROL
RT ∞ CONTROL
FEEDBACK CONTROL
TUNING

AUTOMATIC LANDING CONTROL

GS AUTOMATIC CONTROL
 . AUTOMATIC FLIGHT CONTROL
 . . AUTOMATIC LANDING CONTROL
 FLIGHT CONTROL
 . AUTOMATIC FLIGHT CONTROL
 . . AUTOMATIC LANDING CONTROL
 LANDING AIDS
 . INSTRUMENT LANDING SYSTEMS
 . . AUTOMATIC LANDING CONTROL
RT AIRBORNE EQUIPMENT
AIRCRAFT EQUIPMENT
BLIND LANDING
DISTANCE MEASURING EQUIPMENT
FLIGHT MANAGEMENT SYSTEMS
MICROWAVE LANDING SYSTEMS
TERMINAL CONFIGURED VEHICLE
PROGRAM

AUTOMATIC LIGHT AIRCRAFT READINESS MONITOR

USE ALARM PROJECT

AUTOMATIC PATTERN RECOGNITION
USE PATTERN RECOGNITION

AUTOMATIC PICTURE TRANSMISSION

UF APT (PICTURE TRANSMISSION)
GS TRANSMISSION
 . SIGNAL TRANSMISSION
 . . DATA TRANSMISSION
 . . . AUTOMATIC PICTURE
 TRANSMISSION
RT TELEVISION TRANSMISSION
WAVE PROPAGATION

AUTOMATIC PILOTS

UF AUTOPILOTS
GS AIRCRAFT INSTRUMENTS
 . AUTOMATIC PILOTS
 FLIGHT INSTRUMENTS
 . AUTOMATIC PILOTS
RT AIRCRAFT EQUIPMENT
FLIGHT CONTROL
GYROSCOPES
HIGHLY MANEUVERABLE AIRCRAFT

AUTOMATIC PILOTS--(cont.)

HOMING
LANDING AIDS
NAVIGATION AIDS
∞ PILOTS
RADIO ALTIMETERS
SOLAR COMPASSES

AUTOMATIC REPEAT QUERY

USE AUTOMATIC REPEAT REQUEST

AUTOMATIC REPEAT REQUEST

UF ARQ (COMMUNICATION)
AUTOMATIC REPEAT QUERY
AUTOMATIC REQUEST FOR
RETRANSMISSION
RT DATA TRANSMISSION
ERROR CORRECTING CODES
ERROR SIGNALS
MESSAGE PROCESSING
MESSAGES
PACKET TRANSMISSION
TELECOMMUNICATION

AUTOMATIC REQUEST FOR RETRANSMISSION

USE AUTOMATIC REPEAT REQUEST

AUTOMATIC ROCKET IMPACT PREDICTORS

USE COMPUTERIZED SIMULATION
IMPACT PREDICTION

AUTOMATIC TEST EQUIPMENT

RT ∞ EQUIPMENT
MEASURING INSTRUMENTS
SELF TESTS
SNEAK CIRCUIT ANALYSIS
∞ TEST EQUIPMENT

AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION

SN (AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION SERVICE)
UF ATARS
RT AUTOMATED PILOT ADVISORY SYSTEM
COLLISION AVOIDANCE
GROUND BASED CONTROL
NAVIGATION AIDS
RESOLUTION
∞ SYSTEMS

AUTOMATIC TYPEWRITERS

UF FLEXOWRITERS (TRADEMARK)
GS TYPEWRITERS
 . AUTOMATIC TYPEWRITERS
RT CONSOLES
DISPLAY DEVICES
PRINTERS (DATA PROCESSING)
PUNCHED TAPES

AUTOMATIC WEATHER STATIONS

GS STATIONS
 . WEATHER STATIONS
 . . AUTOMATIC WEATHER STATIONS
RT DATA ACQUISITION
DATA COLLECTION PLATFORMS
INSTRUMENT PACKAGES
METEOROLOGICAL SERVICES
OCEAN DATA ACQUISITIONS SYSTEMS
REMOTE SENSORS
WEATHER DATA RECORDERS

∞ AUTOMATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF INSTRUMENTAL ANALYSIS
RT AUTOMATA THEORY
AUTOMATIC CONTROL
COMMAND AND CONTROL
COMPUTER VISION
COMPUTERS
CONTROL SYSTEMS DESIGN
CONTROLLERS
CYBERNETICS
DATA PROCESSING
DEPERSONALIZATION
FAIL-SAFE SYSTEMS
FEEDBACK CONTROL
FEEDFORWARD CONTROL
INFORMATION THEORY
MAN MACHINE SYSTEMS
MATERIALS HANDLING
MECHANIZATION
NUMERICAL CONTROL

AUTOMATION--(cont.)

OFFICE AUTOMATION
REMOTE CONTROL
ROBOTICS
SELF ERECTING DEVICES
SELF REPAIRING DEVICES
SERVOMECHANISMS
SYSTEMS ENGINEERING
TOOLING

AUTOMOBILE ACCIDENTS

RT ACCIDENT INVESTIGATION
ACCIDENT PREVENTION
ACCIDENTS
SAFETY DEVICES

AUTOMOBILE ENGINES

RT EXTERNAL COMBUSTION ENGINES
INTERNAL COMBUSTION ENGINES
PISTON ENGINES
ROTARY ENGINES
STIRLING ENGINES
TURBINE ENGINES
WANKEL ENGINES

AUTOMOBILE FUELS

GS FUELS
 . CHEMICAL FUELS
 . . LIQUID FUELS
 . . . AUTOMOBILE FUELS
RT AIRCRAFT FUELS
ANTIKNOCK ADDITIVES
DIESEL FUELS
GASOLINE
HYDROCARBON FUELS
INTERNAL COMBUSTION ENGINES
SYNTHANE

AUTOMOBILES

UF JEEPS
GS SURFACE VEHICLES
 . MOTOR VEHICLES
 . . AUTOMOBILES
 . . . ELECTRIC AUTOMOBILES
RT AIR BAG RESTRAINT DEVICES
ANTISKID DEVICES
CHASSIS
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTOR VEHICLES
FUEL SYSTEMS
HYDROGEN ENGINES
IGNITION SYSTEMS
LUBRICATION SYSTEMS
∞ MILITARY VEHICLES
TRAILERS
TRUCKS
∞ VEHICLES

AUTOMORPHISMS

GS ALGEBRA
 . GROUP THEORY
 . . HOMOMORPHISMS
 . . . AUTOMORPHISMS

AUTONOMIC NERVOUS SYSTEM

GS ANATOMY
 . NERVOUS SYSTEM
 . . AUTONOMIC NERVOUS SYSTEM
 . . . SYMPATHETIC NERVOUS SYSTEM
RT INVOLUNTARY ACTIONS
∞ SYSTEMS

AUTONOMOUS NAVIGATION

RT AUTOMATIC FLIGHT CONTROL
CELESTIAL NAVIGATION
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SATELLITE NAVIGATION SYSTEMS
SPACE NAVIGATION
SPACECRAFT GUIDANCE

AUTONOMOUS SPACECRAFT CLOCKS

GS MEASURING INSTRUMENTS
 . TIME MEASURING INSTRUMENTS
 . . CLOCKS
 . . . AUTONOMOUS SPACECRAFT
 CLOCKS
RT ATOMIC CLOCKS
GLOBAL POSITIONING SYSTEM
SPACECRAFT INSTRUMENTS
TDR SATELLITES

AUTONOMY

RT ADAPTIVE CONTROL

AUTONOMY--(cont.)

COMMAND AND CONTROL
 ∞ COMMANDS
 ∞ DIRECTION
 EQUATIONS OF MOTION
 MANAGEMENT
 MODEL REFERENCE ADAPTIVE
 CONTROL
 SELF ADAPTIVE CONTROL SYSTEMS

AUTOPILOTS

USE AUTOMATIC PILOTS

AUTOPSIES

RT DISSECTION
 PATHOLOGY

AUTORADIOGRAPHY

GS IMAGERY
 . RADIOGRAPHY
 . . . **AUTORADIOGRAPHY**
 PHOTOGRAPHY
 . **AUTORADIOGRAPHY**
 RT BLACK AND WHITE PHOTOGRAPHY

AUTOREGRESSIVE PROCESSES

RT FACTOR ANALYSIS
 ∞ PROCESSES
 REGRESSION ANALYSIS
 STATISTICAL ANALYSIS

AUTOROTATION

UF WINDMILLING
 GS GYRATION
 . ROTATION
 . . . **AUTOROTATION**
 RT ROTARY WING AIRCRAFT
 ROTOCHUTES

AUTOTROPHS

GS **AUTOTROPHS**
 . HYDROGENOMONAS
 RT HETEROTROPHS

AUTUMN

GS SEASONS
 . **AUTUMN**
 RT SPRING (SEASON)
 SUMMER
 WINTER

AUXILIARY EQUIPMENT (COMPUTERS)

USE PERIPHERAL EQUIPMENT (COMPUTERS)

AUXILIARY POWER SOURCES

GS **AUXILIARY POWER SOURCES**
 . CHEMICAL AUXILIARY POWER UNITS
 . NUCLEAR AUXILIARY POWER UNITS
 . . SNAP
 . . . FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 . . . SNAP 1
 . . . SNAP 3
 . . . SNAP 7
 . . . SNAP 9A
 . . . SNAP 11
 . . . SNAP 13
 . . . SNAP 15
 . . . SNAP 17
 . . . SNAP 19
 . . . SNAP 21
 . . . SNAP 23
 . . . SNAP 27
 . . . SNAP 29
 . . . SNAP 50
 . . . SPACE POWER REACTORS
 . . . FISSION ELECTRIC CELLS
 SNAP 2
 SNAP 4
 SNAP 8
 SNAP 10A
 . . . SNAP 50
 . . . SPACE POWER UNIT REACTORS
 . . . SOLAR AUXILIARY POWER UNITS
 . . . ASTEC SOLAR TURBOELECTRIC
 GENERATOR
 RT AIRCRAFT POWER SUPPLIES
 DIRECT POWER GENERATORS
 ELECTRIC BATTERIES
 ELECTRIC GENERATORS
 ∞ ELECTRIC POWER

AUXILIARY POWER SOURCES--(cont.)

ELECTRIC POWER SUPPLIES
 ∞ ENERGY SOURCES
 GROUND SUPPORT EQUIPMENT
 ∞ POWER SUPPLIES
 SPACECRAFT POWER SUPPLIES
 VOLTAGE CONVERTERS (AC TO AC)
 VOLTAGE CONVERTERS (DC TO DC)

AUXILIARY PROPULSION

GS PROPULSION
 . **AUXILIARY PROPULSION**
 RT AERONAUTICAL ENGINEERING
 ∞ ASTRONAUTICS
 ENGINES
 HYDROGEN OXYGEN ENGINES
 MARQUARDT R4D ENGINE
 MISSILES
 PROPELLANTS
 PROPULSION SYSTEM CONFIGURATIONS
 ROCKET PROPELLANTS
 SPACE FLIGHT
 SPACE SHUTTLES
 SPACE STATION PROPULSION
 ∞ SPACECRAFT
 THRUST

AV-8A AIRCRAFT

USE HARRIER AIRCRAFT

AV-8B AIRCRAFT

USE HARRIER AIRCRAFT

AVAILABILITY

RT ABUNDANCE
 ENERGY POLICY
 RESERVES
 RESOURCES

AVALANCHE DIODES

UF IMPATT DIODES
 TRAPATT DIODES
 ZENER DIODES
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . **AVALANCHE DIODES**
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . **AVALANCHE DIODES**
 CRYOSAR
 RECTIFIERS
 . **AVALANCHE DIODES**
 . . CRYOSAR
 RT BARRITT DIODES
 ION IMPLANTATION
 NEGATIVE CONDUCTANCE
 TRAPATT DEVICES
 VOLTAGE REGULATORS

AVALANCHES

GS **AVALANCHES**
 . ELECTRON AVALANCHE
 . TOWNSEND AVALANCHE
 RT EARTH MOVEMENTS
 ELECTRIC DISCHARGES
 ION PRODUCTION RATES
 IONIZING RADIATION

AVCS

USE ADVANCED VIDICON CAMERA SYSTEM
 (AVCS)

AVERAGE

GS **AVERAGE**
 . MEAN
 RT DISTRIBUTION MOMENTS
 MEDIAN (STATISTICS)
 MODE (STATISTICS)
 NORMALITY
 NORMS
 QUALITY CONTROL

AVHRR

USE ADVANCED VERY HIGH RESOLUTION
 RADIOMETER

AVIAN 2/180 AUTOGIRO

GS RESEARCH AIRCRAFT
 . **AVIAN 2/180 AUTOGIRO**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . AUTOGYROS
 . . . **AVIAN 2/180 AUTOGIRO**

AVIATION

USE AERONAUTICS

AVIATION METEOROLOGY

GS METEOROLOGY
 . **AVIATION METEOROLOGY**
 RT AIRCRAFT ACCIDENT INVESTIGATION
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT ICING
 ATMOSPHERIC TURBULENCE
 CIVIL AVIATION
 CLEAR AIR TURBULENCE
 DOWNBURSTS
 FLIGHT CONDITIONS
 FLIGHT HAZARDS
 FLIGHT SAFETY
 FOG
 METEOROLOGICAL PARAMETERS
 METEOROLOGICAL SERVICES
 MICROBURSTS (METEOROLOGY)
 ∞ MILITARY AVIATION
 NOWCASTING
 NUMERICAL WEATHER FORECASTING
 RUNWAY CONDITIONS
 WIND SHEAR

AVIATION PSYCHOLOGY

GS AEROSPACE MEDICINE
 . **AVIATION PSYCHOLOGY**
 PSYCHOLOGY
 RT **AVIATION PSYCHOLOGY**
 AIRCRAFT PILOTS
 MILITARY PSYCHOLOGY
 PILOT TRAINING
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGICAL FACTORS
 SPACE PSYCHOLOGY

AVIATORS

USE AIRCRAFT PILOTS

AVIONICS

RT ∞ AERONAUTICS
 AIRBORNE EQUIPMENT
 AIRCRAFT COMMUNICATION
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ASTRONAUTICS
 ∞ ASTRONAUTICS
 ∞ CONTROL
 ∞ ELECTRONICS
 FLIGHT MANAGEMENT SYSTEMS
 GUIDANCE (MOTION)
 HEAD-UP DISPLAYS
 MODULARITY
 SELF TESTS
 SINGLE EVENT UPSETS
 SYSTEMS INTEGRATION
 ∞ TEST EQUIPMENT
 VIDEO LANDMARK ACQUISITION AND
 TRACKING

AVOIDANCE

GS **AVOIDANCE**
 . COLLISION AVOIDANCE
 . . BEACON COLLISION AVOIDANCE
 SYSTEM
 . VORTEX AVOIDANCE
 RT ACCIDENT PREVENTION
 HAZARDS
 TRAFFIC
 TRAFFIC CONTROL
 WARNING SYSTEMS

AVRO WHITWORTH HS-748 AIRCRAFT

USE HS-748 AIRCRAFT

AVRO 698 AIRCRAFT

USE VULCAN AIRCRAFT

AVRO 707 AIRCRAFT

GS HAWKER SIDDELEY AIRCRAFT
 . **AVRO 707 AIRCRAFT**
 JET AIRCRAFT
 . **AVRO 707 AIRCRAFT**
 MONOPLANES
 . **AVRO 707 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **AVRO 707 AIRCRAFT**
 TAILLESS AIRCRAFT
 . **AVRO 707 AIRCRAFT**
 RT ∞ AIRCRAFT
 DELTA WINGS
 VULCAN AIRCRAFT

AWACS AIRCRAFT

UF AIRBORNE WARNING AND CONTROL SYSTEM

GS **AWACS AIRCRAFT**
 . E-2 AIRCRAFT
 . E-3A AIRCRAFT
 . E-4A AIRCRAFT

RT ∞ AIRCRAFT
 BOEING AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 GRUMMAN AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MILITARY TECHNOLOGY

AWARDS

SN (EXCLUDES CONTACTS & GRANTS)

RT ASTRONAUTS
 BIOGRAPHY
 ENGINEERS
 SCIENTISTS

AXAF

USE X RAY ASTROPHYSICS FACILITY

AXES (COORDINATES)

USE COORDINATES

AXES (REFERENCE LINES)

GS **AXES (REFERENCE LINES)**
 . AXES OF ROTATION
 . . EARTH AXIS

RT COORDINATES

AXES OF ROTATION

GS AXES (REFERENCE LINES)
 . **AXES OF ROTATION**
 . . EARTH AXIS

RT BODIES OF REVOLUTION
 ROTATING BODIES
 ROTATION
 SHAFTS (MACHINE ELEMENTS)
 SYMMETRICAL BODIES

AXIAL COMPRESSION LOADS

GS LOADS (FORCES)
 . AXIAL LOADS
 . . **AXIAL COMPRESSION LOADS**
 . COMPRESSION LOADS
 . . **AXIAL COMPRESSION LOADS**

RT AERODYNAMIC LOADS
 COMPRESSING
 DYNAMIC LOADS
 SHOCK LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THRUST LOADS

AXIAL COMPRESSORS

USE TURBOCOMPRESSORS

AXIAL FLOW

GS FLUID FLOW
 . **AXIAL FLOW**

RT ANNULAR FLOW
 AXISYMMETRIC FLOW
 COAXIAL FLOW
 COAXIAL NOZZLES
 COUNTERFLOW
 DISCHARGE COEFFICIENT
 FLOW GEOMETRY
 ONE DIMENSIONAL FLOW
 RADIAL FLOW
 THREE DIMENSIONAL FLOW
 TWO DIMENSIONAL FLOW

AXIAL FLOW COMPRESSORS

USE TURBOCOMPRESSORS

AXIAL FLOW PUMPS

GS PUMPS
 . **AXIAL FLOW PUMPS**
 . . TURBINE PUMPS

RT CENTRIFUGAL PUMPS
 FUEL PUMPS

AXIAL FLOW TURBINES

GS TURBOMACHINERY
 . TURBINES
 . . **AXIAL FLOW TURBINES**

RT GAS TURBINE ENGINES
 GAS TURBINES
 STEAM TURBINES

AXIAL LOADS

GS LOADS (FORCES)
 . **AXIAL LOADS**
 . . AXIAL COMPRESSION LOADS

RT AERODYNAMIC LOADS
 COMPRESSION LOADS
 DYNAMIC LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THRUST LOADS

AXIAL MODES

GS MODES
 . **AXIAL MODES**

RT COMBUSTION STABILITY
 LASER MODES
 PROPELLANT COMBUSTION
 ROCKET ENGINES

AXIAL STRAIN

UF AXISYMMETRIC DEFORMATION
 UNIAXIAL STRAIN

GS DEFORMATION
 . **AXIAL STRAIN**

RT ELASTIC DEFORMATION
 STRESS-STRAIN DIAGRAMS
 STRUCTURAL STRAIN

AXIAL STRESS

GS STRESSES
 . **AXIAL STRESS**

RT TENSILE STRESS

AXIOMS

UF POSTULATES

GS MATHEMATICAL LOGIC
 . **AXIOMS**

RT KNOWLEDGE
 ∞ LOGIC
 ∞ MATHEMATICS

AXISYMMETRIC BODIES

GS SYMMETRICAL BODIES
 . **AXISYMMETRIC BODIES**

RT BLUNT BODIES
 ∞ BODIES
 BODIES OF REVOLUTION
 CONICAL BODIES
 DUCTED BODIES
 LENTICULAR BODIES
 MISSILE BODIES
 SLENDER BODIES
 SLENDER CONES
 STREAMLINED BODIES

AXISYMMETRIC DEFORMATION

USE AXIAL STRAIN

AXISYMMETRIC FLOW

GS FLUID FLOW
 . **AXISYMMETRIC FLOW**
 . . ANNULAR FLOW
 . . KARMAN-BODEWADT FLOW

RT AXIAL FLOW
 COAXIAL FLOW
 CONICAL FLOW
 COUETTE FLOW
 CROCCO METHOD
 CYLINDRICAL WAVES
 FLOW GEOMETRY
 HELICAL FLOW
 THREE DIMENSIONAL BOUNDARY LAYER

AXISYMMETRY

USE SYMMETRY

AXLES

USE SHAFTS (MACHINE ELEMENTS)

AXONS

GS CELLS (BIOLOGY)
 . NEURONS
 . . **AXONS**

RT NEUROTRANSMITTERS

AZEOTROPES

RT BINARY MIXTURES
 MIXTURES
 SOLUTIONS

AZERBAIJAN

GS NATIONS
 . **AZERBAIJAN**

RT ASIA

AZERBAIJAN--(cont.)

EUROPE

AZIDES (INORGANIC)

GS NITROGEN COMPOUNDS
 . **AZIDES (INORGANIC)**
 . . HYDROGEN AZIDES
 . . SODIUM AZIDES

AZIDES (ORGANIC)

GS NITROGEN COMPOUNDS
 . **AZIDES (ORGANIC)**
 . . SODIUM AZIDES
 . . TRIAMINOGUANIDINIUM AZIDE

RT EXPLOSIVES

AZIMUTH

UF SOLAR AZIMUTH

RT ALTITUDE
 ANGLES (GEOMETRY)
 ASTRONOMICAL COORDINATES
 BEARING (DIRECTION)
 CELESTIAL REFERENCE SYSTEMS
 ∞ DIRECTION
 ELEVATION ANGLE
 LOOK ANGLES (TRACKING)
 NAVIGATION
 ∞ ORIENTATION
 POSITION (LOCATION)

AZINES

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **AZINES**
 CYANURATES
 CYANURIC ACID
 MECLIZINE
 METHYLENE BLUE
 PHENOTHIAZINES

PYRAZINES
 . **AZINES**
 . . CYANURATES
 . . CYANURIC ACID
 . . MECLIZINE
 . . METHYLENE BLUE
 . . PHENOTHIAZINES

RT DYES

AZO COMPOUNDS

GS NITROGEN COMPOUNDS
 . **AZO COMPOUNDS**
 . . HMX
 . . RDX

RT ∞ CHEMICAL COMPOUNDS
 DYES

AZOLES

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **AZOLES**
 ACETAZOLAMIDE
 OXAZOLE
 PYRROLES
 CARBAZOLES
 INDOLES
 TRYPTOPHAN

AZORES

GS NATIONS
 . PORTUGAL
 . . **AZORES**

RT ATLANTIC OCEAN
 ISLANDS

AZOTOBACTER

GS MICROORGANISMS
 . BACTERIA
 . . **AZOTOBACTER**

AZULENE

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **AZULENE**
 . . . TERPENES
 . **AZULENE**

AZUR SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . **AZUR SATELLITE**

RT EUROPEAN SPACE PROGRAMS

AZUR SATELLITE--(cont.)
INTERNATIONAL COOPERATION
WEST GERMANY

A2F AIRCRAFT
USE A-6 AIRCRAFT

A3D AIRCRAFT
USE A-3 AIRCRAFT

A3J AIRCRAFT
USE A-5 AIRCRAFT

A4D AIRCRAFT
USE A-4 AIRCRAFT

B

B STARS

UF HELIUM STARS
GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
B STARS
SIGMA ORIONIS
RT BLUE STARS
HERBIG-HARO OBJECTS
LIMB BRIGHTENING
LIMB DARKENING
PECULIAR STARS
STELLAR COMPOSITION
WOLF-RAYET STARS

B-A-W DEVICES

USE BULK ACOUSTIC WAVE DEVICES

B-1 AIRCRAFT

GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-1 AIRCRAFT
NORTH AMERICAN AIRCRAFT
B-1 AIRCRAFT
RT AIRCRAFT
BOMBING EQUIPMENT
BOMBS (ORDNANCE)
COMBAT
JET AIRCRAFT
MILITARY AIRCRAFT
MULTIENGINE VEHICLES
WARFARE
WINGED VEHICLES

B-2 AIRCRAFT

UF STEALTH BOMBER
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-2 AIRCRAFT
RT AIRCRAFT
JET AIRCRAFT
MILITARY AIRCRAFT

B-26 AIRCRAFT

UF INVADER AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-26 AIRCRAFT
MARTIN AIRCRAFT
B-26 AIRCRAFT
MONOPLANES
B-26 AIRCRAFT
RT AIRCRAFT

B-47 AIRCRAFT

UF RB-47 AIRCRAFT
STRATOJET AIRCRAFT
XB-47 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-47 AIRCRAFT
BOEING AIRCRAFT
B-47 AIRCRAFT
JET AIRCRAFT
B-47 AIRCRAFT
MONOPLANES
B-47 AIRCRAFT
RT AIRCRAFT

B-50 AIRCRAFT

GS ATTACK AIRCRAFT
BOMBER AIRCRAFT

B-50 AIRCRAFT--(cont.)

B-50 AIRCRAFT
BOEING AIRCRAFT
B-50 AIRCRAFT
JET AIRCRAFT
B-50 AIRCRAFT
MONOPLANES
B-50 AIRCRAFT
RT AIRCRAFT
B-52 AIRCRAFT
UF STRATOFORTRESS AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-52 AIRCRAFT
BOEING AIRCRAFT
B-52 AIRCRAFT
JET AIRCRAFT
B-52 AIRCRAFT
MONOPLANES
B-52 AIRCRAFT
RT AIRCRAFT
PEGASUS AIR-LAUNCHED BOOSTER
TURBOFAN ENGINES

B-57 AIRCRAFT

UF CANBERRA BOMBER
RB-57 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-57 AIRCRAFT
JET AIRCRAFT
B-57 AIRCRAFT
MARTIN AIRCRAFT
B-57 AIRCRAFT
MONOPLANES
B-57 AIRCRAFT
RT AIRCRAFT
CANBERRA AIRCRAFT

B-58 AIRCRAFT

UF HUSTLER AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-58 AIRCRAFT
GENERAL DYNAMICS AIRCRAFT
B-58 AIRCRAFT
JET AIRCRAFT
B-58 AIRCRAFT
MONOPLANES
B-58 AIRCRAFT
SUPERSONIC AIRCRAFT
B-58 AIRCRAFT
TAILLESS AIRCRAFT
B-58 AIRCRAFT
RT AIRCRAFT

B-66 AIRCRAFT

UF DESTROYER AIRCRAFT
RB-66 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-66 AIRCRAFT
JET AIRCRAFT
B-66 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
B-66 AIRCRAFT
MONOPLANES
B-66 AIRCRAFT
RT AIRCRAFT

B-70 AIRCRAFT

UF VALKYRIE AIRCRAFT
XB-70 AIRCRAFT
GS ATTACK AIRCRAFT
BOMBER AIRCRAFT
B-70 AIRCRAFT
JET AIRCRAFT
B-70 AIRCRAFT
MONOPLANES
B-70 AIRCRAFT
NORTH AMERICAN AIRCRAFT
B-70 AIRCRAFT
RESEARCH AIRCRAFT
B-70 AIRCRAFT
SUPERSONIC AIRCRAFT
B-70 AIRCRAFT
RT AIRCRAFT

B-103 AIRCRAFT

USE BUCCANEER AIRCRAFT

BABBITT METAL

GS ALLOYS

BABBITT METAL--(cont.)

ANTIMONY ALLOYS
BABBITT METAL
COPPER ALLOYS
BABBITT METAL
TIN ALLOYS
BABBITT METAL
RT BEARING ALLOYS

BABOONS

GS ANIMALS
VERTEBRATES
MAMMALS
PRIMATES
BABOONS

BAC AIRCRAFT

UF BRITISH AIRCRAFT CORP AIRCRAFT
GS BAC AIRCRAFT
BAC 111 AIRCRAFT
CANBERRA AIRCRAFT
H-126 AIRCRAFT
JET PROVOST AIRCRAFT
SCIMITAR AIRCRAFT
TSR-2 AIRCRAFT
VALIANT AIRCRAFT
VC-10 AIRCRAFT
VISCOUNT AIRCRAFT
RT AIRCRAFT

BAC TSR 2 AIRCRAFT

USE TSR-2 AIRCRAFT

BAC 111 AIRCRAFT

GS BAC AIRCRAFT
BAC 111 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BAC 111 AIRCRAFT
MONOPLANES
BAC 111 AIRCRAFT
PASSENGER AIRCRAFT
BAC 111 AIRCRAFT
TRANSPORT AIRCRAFT
BAC 111 AIRCRAFT
RT AIRCRAFT

BACILLUS

SN (RESTRICTED TO MEMBERS OF THE
GENUS BACILLUS; DOES NOT INCLUDE
GENERAL MORPHOLOGICAL
CLASSIFICATIONS)
GS MICROORGANISMS
BACTERIA
BACILLUS
STEAROTHERMOPHILUS

BACK INJURIES

GS INJURIES
BACK INJURIES
RT WHIPLASH INJURIES

BACKFIRE

RT COMBUSTION
DEFLAGRATION
EXPLOSIONS
FIRES
FLAME DEFLECTORS
FLAME PROPAGATION
FLASHBACK

BACKFIRE ANTENNAS

GS ANTENNAS
BACKFIRE ANTENNAS
RT ANTENNA RADIATION PATTERNS
DIPOLE ANTENNAS
ENDFIRE ARRAYS
MICROWAVE ANTENNAS
RADIO ANTENNAS

BACKGROUND NOISE

RT CHANNEL NOISE
COSMIC NOISE
ELASTIC WAVES
ELECTROMAGNETIC NOISE
IONOSPHERIC NOISE
NOISE
NOISE (SOUND)
NOISE MEASUREMENT
NOISE SPECTRA
NOISE THRESHOLD
RADIATION
RANDOM NOISE
RAYS

BACKGROUND NOISE--(cont.)

SIGNAL TO NOISE RATIOS
SQUELCH CIRCUITS

BACKGROUND RADIATION

RT BIG BANG COSMOLOGY
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC BACKGROUND EXPLORER
SATELLITE
COSMIC NOISE
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIATION
HIGH ALTITUDE TESTS
IONOSPHERIC NOISE
∞ RADIATION
RELIC RADIATION
SKY RADIATION

BACKINGS

USE BACKUPS

BACKLOBES

RT ANTENNA DESIGN
ANTENNA RADIATION PATTERNS
DIRECTIONAL ANTENNAS
∞ LOBES

BACKSCATTERING

GS SCATTERING
∞ BACKSCATTERING
RT DIFFERENTIAL ABSORPTION LIDAR
FORWARD SCATTERING
LASER PLASMA INTERACTIONS
MICROWAVE SIGNATURES
NUCLEAR SCATTERING
SCATTER PROPAGATION

BACKSHORES

USE BEACHES

BACKUPS

UF BACKINGS
RT REDUNDANT COMPONENTS
RESERVES
WELDING

BACKWARD DIFFERENCING

RT DIFFERENTIAL EQUATIONS
NUMERICAL STABILITY
PROBLEM SOLVING

BACKWARD FACING STEPS

UF REARWARD FACING STEPS
RT BOUNDARY LAYER FLOW
FLOW GEOMETRY
FLUID BOUNDARIES
REATTACHED FLOW
RECIRCULATIVE FLUID FLOW
STAIRSTEPS
∞ STEPS

BACKWARD WAVE TUBES

GS ELECTRON TUBES
∞ VACUUM TUBES
∞ MICROWAVE TUBES
∞ TRAVELING WAVE TUBES
∞ BACKWARD WAVE TUBES
∞ HELITRONS
MICROWAVE EQUIPMENT
∞ MICROWAVE TUBES
∞ TRAVELING WAVE TUBES
∞ BACKWARD WAVE TUBES
∞ HELITRONS
RT BEAM CURRENTS
ELECTRON TRANSFER
MICROWAVE OSCILLATORS

BACKWARD WAVES

RT ELASTIC WAVES
ELECTROMAGNETIC RADIATION
SOLITARY WAVES
TRANSMISSION LINES
TRAVELING WAVE TUBES
TRAVELING WAVES

BACKWASH

SN (EXCLUDES PROCESSES OF
BACKWASHING)
UF SIDEWASH
RT BOUNDARY LAYER STABILITY
DOWNWASH
SLIPSTREAMS
STROUHAL NUMBER

BACKWASH--(cont.)

TURBULENCE
WAKES

BACTERIA

GS MICROORGANISMS
∞ BACTERIA
∞ ACTINOMYCETES
∞ ARCHAEABACTERIA
∞ AZOTOBACTER
∞ BACILLUS
∞ STEAROTHERMOPHILUS
∞ CLOSTRIDIUM
∞ CLOSTRIDIUM BOTULINUM
∞ ESCHERICHIA
∞ HYDROGENOMONAS
∞ KLEBSIELLA
∞ NITROBACTER
∞ PSEUDOMONAS
∞ SALMONELLA
∞ SARCINA
∞ SERRATIA
∞ STAPHYLOCOCCUS
∞ STREPTOCOCCUS
∞ STREPTOMYCETES
RT AEROBES
ANAEROBES
BACTERIOLOGY
BLIGHT
COLONIES
EUKARYOTES
GNOTOBIOTICS
INVERTEBRATES
PANSPERMIA
PATHOGENS
PROKARYOTES
SAPROPHYTES
WASTE TREATMENT

BACTERIAL DISEASES

SN (EXCLUDES PLANT DISEASES)
GS DISEASES
∞ INFECTIOUS DISEASES
∞ BACTERIAL DISEASES
∞ CHOLERA
∞ DIPHTHERIA
∞ SYPHILIS
∞ TUBERCULOSIS
∞ TYPHOID
∞ TYPHUS
RT CLOSTRIDIUM
CONJUNCTIVITIS
DERMATITIS
ENCEPHALITIS
MENINGITIS
NEPHRITIS
PNEUMONIA

BACTERICIDES

UF GERMICIDES
RT ANTIINFECTIVES AND ANTIBACTERIALS
ANTISEPTICS
CHEMICAL STERILIZATION
ETHYLENE OXIDE
FUMIGATION
STERILIZATION

BACTERIOLOGY

GS MICROBIOLOGY
∞ BACTERIOLOGY
RT ARCHAEABACTERIA
BACTERIA
BIOCHEMISTRY
∞ BIOLOGY
CLOSTRIDIUM BOTULINUM
COLONIES
ENDOTOXINS
GNOTOBIOTICS
VACCINES

BACTERIOPHAGES

GS MICROORGANISMS
∞ VIRUSES
∞ BACTERIOPHAGES
RT INTERFERON

BADLANDS

GS LAND
∞ BADLANDS
RT BARREN LAND
TOPOGRAPHY

BAFFLES

RT ATTENUATORS
∞ BARRIERS

BAFFLES--(cont.)

BLAST DEFLECTORS
CONICAL FLOW
DAMPING
DEFLECTORS
∞ DIFFUSERS
DIVERTERS
DIVIDERS
DUCTS
FLAME DEFLECTORS
LIQUID SLOSHING
LOUVERS
MIXERS
MUFFLERS
PANELS
REFLECTORS
SHIELDING
SUPPRESSORS

BAGGAGE

GS CARGO
∞ BAGGAGE
RT AIR CARGO
BAGS
GROUND HANDLING

BAGS

GS BAGS
∞ AIR BAG RESTRAINT DEVICES
∞ GAS BAGS
RT BAGGAGE
∞ CONTAINERS
PACKAGES

BAHAMAS

GS LANDFORMS
∞ ISLANDS
∞ WEST INDIES
∞ BAHAMAS
NATIONS
∞ BAHAMAS
RT CARIBBEAN REGION

BAHRAIN

GS LANDFORMS
∞ ISLANDS
∞ BAHRAIN
NATIONS
∞ BAHRAIN

BAILOUT

RT AIR DROP OPERATIONS
EJECTION
EJECTION INJURIES
EJECTION SEATS
EJECTION TRAINING
ESCAPE (ABANDONMENT)
ESCAPE SYSTEMS
FLYING EJECTION SEATS
JETTISON SYSTEMS
JETTISONING
PARACHUTE DESCENT

BAINITE

RT BAINITIC STEEL
IRON ALLOYS
MICROSTRUCTURE
STEELS

BAINITIC STEEL

GS ALLOYS
∞ IRON ALLOYS
∞ STEELS
∞ BAINITIC STEEL
RT BAINITE

BAJA CALIFORNIA

USE LOWER CALIFORNIA (MEXICO)

BAJADAS

USE FANS (LANDFORMS)

BAKELITE (TRADEMARK)

RT CERAMICS
RESINS
THERMOSETTING RESINS

BAKEOUT

USE DEGASSING

BAKER-NUNN CAMERA

GS OPTICAL EQUIPMENT
∞ CAMERAS
∞ BAKER-NUNN CAMERA

BAKER-NUNN CAMERA--(cont.)

PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **BAKER-NUNN CAMERA**
 RT ASTRONOMICAL PHOTOGRAPHY
 SCHMIDT CAMERAS

BAKING

SN (EXCLUDES FOOD PROCESSING)
 GS HEATING
 . **BAKING**
 RT CASTING
 DEGASSING
 DRYING
 HEAT TREATMENT
 OVENS
 ROASTING
 STERILIZATION

BALANCE

RT AERODYNAMIC BALANCE
 COMPENSATORS
 ∞ EQUILIBRIUM
 HEAT BALANCE
 ∞ MASS BALANCE
 MASS DISTRIBUTION
 MATERIAL BALANCE
 WEIGHT INDICATORS

BALANCE EQUATIONS

USE EQUATIONS

BALANCED AMPLIFIERS

USE PUSH-PULL AMPLIFIERS

BALANCING

RT ECCENTRICITY
 ∞ EQUILIBRIUM
 FLYWHEELS
 MAN MACHINE SYSTEMS
 STABILIZATION

BALL BEARINGS

GS BEARINGS
 . ANTI-FRICTION BEARINGS
 . . **BALL BEARINGS**
 RT BALLS
 ELASTO-HYDRODYNAMICS
 NEEDLE BEARINGS
 ROLLER BEARINGS
 THRUST BEARINGS

BALL LIGHTNING

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . LIGHTNING
 . . . **BALL LIGHTNING**
 RT ATMOSPHERIC ELECTRICITY

∞ BALLAST

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BALLAST (MASS)
 BALLASTS (IMPEDANCES)

BALLAST (MASS)

RT AERODYNAMIC STABILITY
 ∞ BALLAST
 BUOYANCY
 COUNTERBALANCES
 FLOATING
 FLOATS
 HYDRODYNAMICS
 LOADS (FORCES)
 MASS DISTRIBUTION
 STABILITY
 STATIC LOADS

BALLASTS (IMPEDANCES)

RT ∞ BALLAST
 CAPACITORS
 INDUCTORS
 LUMINAIRES
 RESISTORS
 TRANSFORMERS

BALLISTIC CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . **BALLISTIC CAMERAS**
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **BALLISTIC CAMERAS**

BALLISTIC CAMERAS--(cont.)

RT GROUND SUPPORT EQUIPMENT
 HIGH SPEED CAMERAS
 OPTICAL TRACKING
 RANGE-FINDING
 STROBOSCOPES
 TRAJECTORY MEASUREMENT

BALLISTIC MISSILE DECOYS

GS COUNTERMEASURES
 . **BALLISTIC MISSILE DECOYS**
 DECOYS
 RT **BALLISTIC MISSILE DECOYS**
 MISSILE DEFENSE
 REENTRY DECOYS

BALLISTIC MISSILE EARLY WARNING SYSTEM

UF BMEWS
 GS WARNING SYSTEMS
 . EARLY WARNING SYSTEMS
 . . **BALLISTIC MISSILE EARLY WARNING SYSTEM**
 RT AIR DEFENSE
 MILITARY TECHNOLOGY
 RADAR TRACKING
 ∞ SYSTEMS

BALLISTIC MISSILE SUBMARINES

GS WATER VEHICLES
 . SHIPS
 . . SUBMARINES
 . . . **BALLISTIC MISSILE SUBMARINES**
 . UNDERWATER VEHICLES
 . . SUBMARINES
 . . . **BALLISTIC MISSILE SUBMARINES**
 RT FLEET BALLISTIC MISSILES
 MISSILE LAUNCHERS
 MOBILE MISSILE LAUNCHERS
 NAVY
 POSEIDON MISSILES
 SEA LAUNCHING

BALLISTIC MISSILES

SN (GUIDED ONLY DURING INITIAL
 POWERED PHASE)
 GS MISSILES
 . **BALLISTIC MISSILES**
 . . FIELD ARMY BALLISTIC MISSILES
 . . . SUBROC MISSILE
 . . INTERCONTINENTAL BALLISTIC MISSILES
 . . . ATLAS ICBM
 . . . ATLAS D ICBM
 . . . ATLAS E ICBM
 . . . ATLAS F ICBM
 . . MINUTEMAN ICBM
 . . TITAN ICBM
 . . . TITAN 1 ICBM
 . . . TITAN 2 ICBM
 . . INTERMEDIATE RANGE BALLISTIC MISSILES
 . . . BLUE STREAK MISSILE
 . . . JUPITER MISSILE
 . . . POLARIS MISSILES
 . . . POLARIS A1 MISSILE
 . . . POLARIS A2 MISSILE
 . . . POLARIS A3 MISSILE
 . . PERSHING MISSILE
 . . POSEIDON MISSILES
 . . SHORT RANGE BALLISTIC MISSILES
 . . SKYBOLT MISSILE
 . . V-2 MISSILE
 RT ANTIMISSILE MISSILES
 SAFEGUARD SYSTEM
 SURFACE TO SURFACE MISSILES

BALLISTIC RANGES

GS RANGES (FACILITIES)
 . TEST RANGES
 . . **BALLISTIC RANGES**
 TEST FACILITIES
 . TEST RANGES
 . . **BALLISTIC RANGES**
 RT DOWNRANGE
 HYDROBALLISTICS
 MISSILE RANGES

BALLISTIC TRAJECTORIES

GS TRAJECTORIES
 . **BALLISTIC TRAJECTORIES**
 RT ASCENT TRAJECTORIES
 BALLISTICS
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 DOWNRANGE

BALLISTIC TRAJECTORIES--(cont.)

FREE FALL
 IMPACT PREDICTION
 MIDCOURSE TRAJECTORIES
 MISSILE TRAJECTORIES
 PARABOLIC FLIGHT

∞ BALLISTIC VEHICLES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF NONLIFTING VEHICLES
 RT REENTRY VEHICLES
 ROCKET VEHICLES
 TEST VEHICLES
 ∞ VEHICLES
 WEAPONS

BALLISTICS

GS **BALLISTICS**
 . HYDROBALLISTICS
 . INTERIOR BALLISTICS
 . TERMINAL BALLISTICS
 RT AERODYNAMIC DRAG
 BALLISTIC TRAJECTORIES
 GAS GUNS
 HOWITZERS
 HYPERVELOCITY GUNS
 ORDNANCE
 PROJECTILES
 PROPELLANTS
 TRAJECTORIES
 TRAJECTORY ANALYSIS
 TRAJECTORY MEASUREMENT

BALLISTOCARDIOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . CARDIOGRAPHY
 . . . **BALLISTOCARDIOGRAPHY**
 RT ELECTROCARDIOGRAPHY
 PHONOCARDIOGRAPHY
 SEISMOCARDIOGRAPHY

BALLOON FLIGHT

RT ∞ FLIGHT
 METEOROLOGICAL FLIGHT
 VERTICAL FLIGHT

BALLOON SOUNDING

GS SOUNDING
 . **BALLOON SOUNDING**
 RT ATMOSPHERIC SOUNDING
 IN SITU MEASUREMENT
 RADIOSONDES
 SUPERPRESSURE BALLOONS

BALLOON-BORNE INSTRUMENTS

GS MEASURING INSTRUMENTS
 . **BALLOON-BORNE INSTRUMENTS**
 RT AIRBORNE EQUIPMENT
 BALLOONS
 HIGH ALTITUDE BALLOONS
 METEOROLOGICAL INSTRUMENTS
 RADIOSONDES
 TELESCOPES

BALLOONING MODES

GS MODES
 . **BALLOONING MODES**
 RT MAGNETO-HYDRODYNAMIC STABILITY
 PLASMA CONTROL
 PLASMA EQUILIBRIUM
 TEARING MODES (PLASMAS)

BALLOONS

GS EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . . **BALLOONS**
 . . . HIGH ALTITUDE BALLOONS
 . . . JIMSPHERE BALLOONS
 . . . SKYHOOK BALLOONS
 . . . SUPERPRESSURE BALLOONS
 . . . METEOROLOGICAL BALLOONS
 . . . JIMSPHERE BALLOONS
 . . . ROBIN BALLOONS
 . . . MICROBALLOONS
 . . . TETHERED BALLOONS
 RT ∞ AIRCRAFT
 AIRSHIPS
 ASCENT
 BALLOON-BORNE INSTRUMENTS
 BALLUTES
 FOLDING STRUCTURES
 GAS BAGS

BALLOONS--(cont.)

GONDOLAS
OBSERVATION AIRCRAFT
PARAVULCOONS
PILOTLESS AIRCRAFT
STRATOSCOPE TELESCOPES

BALLS

RT BALL BEARINGS
FALLING SPHERES
JOINTS (JUNCTIONS)
SPHERES
VALVES

BALLUTES

GS BRAKES (FOR ARRESTING MOTION)
. AERODYNAMIC BRAKES
. **BALLUTES**
DRAG DEVICES
. AERODYNAMIC BRAKES
. **BALLUTES**
EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES
. **BALLUTES**
RT AIR DROP OPERATIONS
AIRCRAFT BRAKES
BALLOONS
DRAG CHUTES
FOLDING STRUCTURES
PARACHUTES

BALMER SERIES

GS SPECTRA
. RADIATION SPECTRA
. . . ELECTROMAGNETIC SPECTRA
. . . LINE SPECTRA
. . . . **BALMER SERIES**
RT ABSORPTION SPECTRA
ATOMIC SPECTRA
ELECTRON TRANSITIONS
EMISSION SPECTRA
H BETA LINE
H GAMMA LINE
H LINES
HYDROGEN

BALSA

RT TREES (PLANTS)
WOOD

BALTIC SEA

GS SEAS
. **BALTIC SEA**
RT ESTONIA
LATVIA

BALTIC SHIELD (EUROPE)

GS ROCKS
. BEDROCK
. . **BALTIC SHIELD (EUROPE)**
RT EARTH RESOURCES
EUROPE
PRECAMBRIAN PERIOD

BANACH SPACE

GS ALGEBRA
. VECTOR SPACES
. . **BANACH SPACE**
. . . HILBERT SPACE
. . . . SOBOLEV SPACE
ANALYSIS (MATHEMATICS)
. FUNCTION SPACE
. . **BANACH SPACE**
. . . HILBERT SPACE
. . . . SOBOLEV SPACE
. FUNCTIONAL ANALYSIS
. . **BANACH SPACE**
. . . HILBERT SPACE
. . . . SOBOLEV SPACE
RT HARMONIC ANALYSIS
METRIC SPACE

BAND RATIOING

GS IMAGE PROCESSING
. **BAND RATIOING**
RT IMAGE ENHANCEMENT
MULTISPECTRAL BAND SCANNERS
REMOTE SENSING
SPECTRAL BANDS

BAND STRUCTURE OF SOLIDS

RT BRILLOUIN ZONES
CONDUCTION BANDS
ELECTRON TRANSITIONS

BAND STRUCTURE OF SOLIDS--(cont.)

ENERGY GAPS (SOLID STATE)
FORBIDDEN BANDS
HETEROJUNCTION DEVICES
QUANTUM WELLS

BANDGAP

USE ENERGY GAPS (SOLID STATE)

BANDPASS FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. **BANDPASS FILTERS**
. . CRYSTAL FILTERS
. . . TRACKING FILTERS
RT ADAPTIVE FILTERS
BANDSTOP FILTERS
BANDWIDTH
ELECTRIC FILTERS
∞ FILTERS
FIR FILTERS
MICROWAVE FILTERS
OPTICAL FILTERS
ULTRAVIOLET FILTERS
VOCODERS

∞ BANDS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ABSORPTION SPECTRA
ANCHORS (FASTENERS)
BANDWIDTH
BLOCH BAND
BROADBAND
CLAMPS
CLIPS
CONDUCTION BANDS
EDGE DISLOCATIONS
ENERGY BANDS
FASTENERS
FORBIDDEN BANDS
FREQUENCIES
HERZBERG BANDS
HOLDERS
LOW FREQUENCY BANDS
NARROWBAND
PHOTOLUMINESCENT BANDS
PLASTIC DEFORMATION
RING STRUCTURES
SCHUMANN-RUNGE BANDS
SIDEBANDS
SPECTRAL BANDS
STRAPS
SWAN BANDS
VEGARD-KAPLAN BANDS

BANDSTOP FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. ELECTRIC FILTERS
. . **BANDSTOP FILTERS**
RT ADAPTIVE FILTERS
BANDPASS FILTERS
BANDWIDTH
CRYSTAL FILTERS
∞ FILTERS
HIGH PASS FILTERS
LOW PASS FILTERS
MICROWAVE FILTERS
OPTICAL FILTERS
TRACKING FILTERS
WAVEGUIDE FILTERS

BANDWIDTH

GS **BANDWIDTH**
. BROADBAND
. NARROWBAND
. SPECTRAL LINE WIDTH
RT BANDPASS FILTERS
∞ BANDS
BANDSTOP FILTERS
BROADBAND AMPLIFIERS
CHANNEL CAPACITY
DYNAMIC CHARACTERISTICS
FREQUENCIES
FREQUENCY RANGES
IMPEDANCE
LASER WINDOWS
RESONANT FREQUENCIES
SPEECH BASEBAND COMPRESSION
TRACKING FILTERS
TRANSFER FUNCTIONS
WIDTH
WINDOWS (INTERVALS)

BANG-BANG CONTROL

USE OFF-ON CONTROL

BANGLADESH

UF EAST PAKISTAN
GS NATIONS
. **BANGLADESH**
RT ASIA
INDIA
PAKISTAN

BANKING FLIGHT

USE TURNING FLIGHT

BARANY CHAIR

GS SEATS
. **BARANY CHAIR**
RT ROTATING ENVIRONMENTS
TOLERANCES (PHYSIOLOGY)
VERTIGO

BARBADOS

GS LANDFORMS
. ISLANDS
. . WEST INDIES
. . . **BARBADOS**
NATIONS
. **BARBADOS**
RT CARIBBEAN REGION

BARCHANS

USE DUNES

BARDEEN APPROXIMATION

USE BARRIER LAYERS
ELECTRICAL PROPERTIES
SURFACE PROPERTIES

BARDEEN-COOPER-SCHRIEFFER THEORY

USE BCS THEORY

BARENTS SEA

GS SEAS
. **BARENTS SEA**
RT ARCTIC OCEAN
U.S.S.R.

BARITE

GS MINERALS
. **BARITE**
SULFUR COMPOUNDS
. SULFATES
. . **BARITE**

BARIUM

GS CHEMICAL ELEMENTS
. **BARIUM**
. . BARIUM ISOTOPES
METALS
. **BARIUM**
. . BARIUM ISOTOPES

BARIUM ALLOYS

GS ALLOYS
. **BARIUM ALLOYS**

BARIUM COMPOUNDS

GS **BARIUM COMPOUNDS**
. BARIUM FERRATES
. BARIUM FLUORIDES
. BARIUM OXIDES
. BARIUM SULFIDES
. BARIUM TITANATES
. BARIUM ZIRCONATES
RT ∞ALKALINE EARTH COMPOUNDS
∞CHEMICAL COMPOUNDS
∞METAL COMPOUNDS

BARIUM FERRATES

GS BARIUM COMPOUNDS
. **BARIUM FERRATES**
IRON COMPOUNDS
. FERRATES
. . **BARIUM FERRATES**

BARIUM FLUORIDES

GS BARIUM COMPOUNDS
. **BARIUM FLUORIDES**
HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. . FLUORIDES
. . . **BARIUM FLUORIDES**
. HALIDES
. . FLUORIDES

BARIUM FLUORIDES--(cont.)

- ... **BARIUM FLUORIDES**
- ... METAL HALIDES
- ... **BARIUM FLUORIDES**

BARIUM ION CLOUDS

- GS CLOUDS (METEOROLOGY)
 - ... ARTIFICIAL CLOUDS
 - ... CHEMICAL CLOUDS
 - ... **BARIUM ION CLOUDS**
- RT EARTH MAGNETOSPHERE
 - ... ELECTRIC FIELDS
 - ... GEOMAGNETISM
 - ... LINES OF FORCE
 - ... METAL IONS
 - ... ROCKET SOUNDING
 - ... THERMITES

BARIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 - ... ALKALINE EARTH METALS
 - ... **BARIUM ISOTOPES**
 - ... BARIUM
 - ... **BARIUM ISOTOPES**
 - ... NUCLIDES
 - ... ISOTOPES
 - ... **BARIUM ISOTOPES**
 - ... METALS
 - ... ALKALINE EARTH METALS
 - ... **BARIUM ISOTOPES**
 - ... BARIUM
 - ... **BARIUM ISOTOPES**

BARIUM OXIDES

- GS BARIUM COMPOUNDS
 - ... **BARIUM OXIDES**
 - ... CHALCOGENIDES
 - ... OXIDES
 - ... METAL OXIDES
 - ... ALKALINE EARTH OXIDES
 - ... **BARIUM OXIDES**
- RT HIGH TEMPERATURE
 - ... SUPERCONDUCTORS
 - ... YBCO SUPERCONDUCTORS

BARIUM SULFIDES

- GS BARIUM COMPOUNDS
 - ... **BARIUM SULFIDES**
 - ... CHALCOGENIDES
 - ... SULFIDES
 - ... INORGANIC SULFIDES
 - ... **BARIUM SULFIDES**
 - ... SULFUR COMPOUNDS
 - ... SULFIDES
 - ... INORGANIC SULFIDES
 - ... **BARIUM SULFIDES**

BARIUM TITANATES

- GS BARIUM COMPOUNDS
 - ... **BARIUM TITANATES**
 - ... TITANIUM COMPOUNDS
 - ... TITANATES
 - ... **BARIUM TITANATES**
- RT DIELECTRICS

BARIUM ZIRCONATES

- GS BARIUM COMPOUNDS
 - ... **BARIUM ZIRCONATES**
 - ... ZIRCONIUM COMPOUNDS
 - ... ZIRCONATES
 - ... **BARIUM ZIRCONATES**

BARKHAUSEN EFFECT

- RT ∞ EFFECTS
 - ... ELECTROMAGNETIC MEASUREMENT
 - ... ELECTROMAGNETISM
 - ... OSCILLOGRAPHS

BARLEY

- GS FARM CROPS
 - ... GRAINS (FOOD)
 - ... **BARLEY**
 - ... PLANTS (BOTANY)
 - ... **BARLEY**
- RT AGRICULTURE
 - ... BLIGHT
 - ... BOTANY
 - ... CROP GROWTH
 - ... CROP VIGOR
 - ... ∞ CROPS
 - ... ∞ FOOD
 - ... IRRIGATION
 - ... SEEDS

BAROCLINIC INSTABILITY

- GS STABILITY
 - ... **BAROCLINIC INSTABILITY**
- RT ATMOSPHERIC CIRCULATION
 - ... ATMOSPHERIC MODELS
 - ... BAROCLINIC WAVES
 - ... BAROCLINITY
 - ... FLOW STABILITY
 - ... GEOSTROPHIC WIND
 - ... METEOROLOGY
 - ... ZONAL FLOW (METEOROLOGY)

BAROCLINIC WAVES

- GS ELASTIC WAVES
 - ... CAPILLARY WAVES
 - ... GRAVITY WAVES
 - ... **BAROCLINIC WAVES**
 - ... SURFACE WAVES
 - ... CAPILLARY WAVES
 - ... GRAVITY WAVES
 - ... **BAROCLINIC WAVES**
- RT BAROCLINIC INSTABILITY
 - ... BAROCLINITY
 - ... BAROTROPIC FLOW
 - ... CYCLONES
 - ... DENSITY DISTRIBUTION
 - ... GEOSTROPHIC WIND
 - ... RADIATION PRESSURE
 - ... STRATIFIED FLOW
 - ... WAVE AMPLIFICATION
 - ... ∞ WAVES
 - ... ZONAL FLOW (METEOROLOGY)

BAROCLINITY

- RT BAROCLINIC INSTABILITY
 - ... BAROCLINIC WAVES
 - ... BAROTROPIC FLOW
 - ... BAROTROPISM
 - ... ∞ ISOBARS
 - ... METEOROLOGICAL SOLENOIDS
 - ... STRATIFIED FLOW

BAROMETERS

- GS MEASURING INSTRUMENTS
 - ... METEOROLOGICAL INSTRUMENTS
 - ... **BAROMETERS**
 - ... PRESSURE GAGES
 - ... **BAROMETERS**
- RT ALTIMETERS
 - ... HYPSONETERS
 - ... MANOMETERS
 - ... PRESSURE MEASUREMENT
 - ... VACUUM GAGES

BAROMETRIC PRESSURE

- USE ATMOSPHERIC PRESSURE

BARORECEPTORS

- GS ANATOMY
 - ... SENSE ORGANS
 - ... **BARORECEPTORS**
 - ... RECEPTORS (PHYSIOLOGY)
 - ... **BARORECEPTORS**
- RT PRESSURE
 - ... PROPRIORECEPTORS

BAROTRAUMA

- GS INJURIES
 - ... **BAROTRAUMA**
- RT DECOMPRESSION SICKNESS
 - ... DIVING (UNDERWATER)

BAROTROPIC FLOW

- GS FLUID FLOW
 - ... **BAROTROPIC FLOW**
- RT AIR CURRENTS
 - ... AIR FLOW
 - ... BAROCLINIC WAVES
 - ... BAROCLINITY
 - ... BAROTROPISM
 - ... FLOW CHARACTERISTICS
 - ... LEE WAVES
 - ... PLANETARY WAVES
 - ... RAYLEIGH WAVES
 - ... ROSSBY REGIMES
 - ... SEA BREEZE
 - ... VISCOUS FLOW
 - ... WIND (METEOROLOGY)
 - ... WIND SHEAR

BAROTROPISM

- GS **BAROTROPISM**
 - ... PLANETARY WAVES
- RT BAROCLINITY
 - ... BAROTROPIC FLOW

BAROTROPISM--(cont.) ∞ ISOBARS ∞ BARRAGES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ARTILLERY FIRE
 - ... DAMS

BARRED GALAXIES

- GS CELESTIAL BODIES
 - ... GALAXIES
 - ... SPIRAL GALAXIES
 - ... **BARRED GALAXIES**
- RT DISK GALAXIES
 - ... GALACTIC STRUCTURE
 - ... HUBBLE DIAGRAM
 - ... LOCAL GROUP (ASTRONOMY)
 - ... STAR CLUSTERS
 - ... STAR DISTRIBUTION
 - ... STARS
 - ... VIRGO GALACTIC CLUSTER

 ∞ BARRELS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BARRELS (CONTAINERS)
 - ... ∞ DRUMS
 - ... GUN LAUNCHERS

BARRELS (CONTAINERS)

- UF CASKS
- RT ∞ BARRELS
 - ... CONTAINERS
 - ... DRUMS (CONTAINERS)

BARREN LAND

- UF BARRENS
- GS LAND
 - ... **BARREN LAND**
- RT ARID LANDS
 - ... BADLANDS
 - ... DESERTIFICATION
 - ... DESERTS
 - ... LAND USE
 - ... SAHARA DESERT (AFRICA)
 - ... SITES
 - ... SOILS
 - ... TOPOGRAPHY

BARRENS

- USE BARREN LAND

BARRICADES

- USE BARRIERS

BARRIER INJECTION TRANSIT TIME DIODES

- USE BARRITT DIODES

BARRIER LAYERS

- UF BARDEEN APPROXIMATION
- RT ∞ BARRIERS
 - ... BARRITT DIODES
 - ... INTERLAYERS
 - ... JFET
 - ... JOINTS (JUNCTIONS)
 - ... JUNCTION DIODES
 - ... JUNCTION TRANSISTORS
 - ... ∞ LAYERS
 - ... MBM JUNCTIONS
 - ... NONOHMIC EFFECT
 - ... RESONANT TUNNELING
 - ... SEALS (STOPPERS)
 - ... SEMICONDUCTOR DEVICES
 - ... SIS (SEMICONDUCTORS)
 - ... SURFACE LAYERS
 - ... TUNNEL JUNCTIONS
 - ... WATERPROOFING
 - ... ZENER EFFECT

 ∞ BARRIERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF BARRICADES
 - ... OBSTACLES
- RT ABORT APPARATUS
 - ... ACOUSTIC VELOCITY
 - ... ARRESTING GEAR
 - ... BAFFLES
 - ... BARRIER LAYERS
 - ... BARRIERS (LANDFORMS)

BARRIERS--(cont.)

BARRITT DIODES
 BLOOD-BRAIN BARRIER
 BULKHEADS
 CHAINS
 CLOSURES
 CONSTRUCTIONS
 CURTAINS
 DAMS
 DIVIDERS
 ELECTRODE FILM BARRIERS
 ENCLOSURES
 FENCES (BARRIERS)
 GATES (OPENINGS)
 GUARDS (SHIELDS)
 MBM JUNCTIONS
 SAFETY DEVICES
 SCHOTTKY DIODES
 SEALS (STOPPERS)
 SHIELDING
 THERMAL BARRIERS (PLASMA CONTROL)
 VAPOR BARRIER CLOTHING
 WALLS
 WIND (METEOROLOGY)
 WINDOWS (APERTURES)

BARRIERS (LANDFORMS)

GS LANDFORMS
 . **BARRIERS (LANDFORMS)**
 . . OUTER BANKS (NC)
 . . REEFS
 RT ∞ BARRIERS
 BARS (LANDFORMS)
 ISLAND ARCS

BARRITT DIODES

UF BARRIER INJECTION TRANSIT TIME
 DIODES
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . **BARRITT DIODES**
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . **BARRITT DIODES**
 RT AVALANCHE DIODES
 BARRIER LAYERS
 ∞ BARRIERS
 CARRIER INJECTION
 CRYOSAR
 ELECTRIC POTENTIAL
 INJECTION
 JUNCTION DIODES
 MICROWAVE OSCILLATORS
 RECTIFIERS
 SCHOTTKY DIODES
 SEMICONDUCTOR JUNCTIONS
 SHOT NOISE
 TRANSIT TIME

BARS

GS **BARS**
 . ELASTIC BARS
 . PRISMATIC BARS
 RT METAL PLATES
 RODS
 STRUCTURAL MEMBERS

BARS (LANDFORMS)

UF TOMBOLOS
 GS LANDFORMS
 . **BARS (LANDFORMS)**
 RT BARRIERS (LANDFORMS)
 BEACHES
 COASTAL PLAINS
 LAGOONS
 LITTORAL DRIFT
 REEFS

BARYCENTER

USE CENTER OF GRAVITY

BARYON RESONANCE

GS RESONANCE
 . **BARYON RESONANCE**
 RT BARYONS
 HYPERONS
 SCATTERING CROSS SECTIONS

BARYONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . **BARYONS**

BARYONS--(cont.)

. . . . HYPERONS
 XI HYPERONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 . . HADRONS
 . . . **BARYONS**
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 RT BARYON RESONANCE
 COLD NEUTRONS
 DARK MATTER
 ETA-MESONS
 FAST NEUTRONS
 GRAVITINOS
 KAONS
 MESON RESONANCE
 MESONS
 MUONS
 NEUTRONS
 NUCLEONS
 PHOTONEUTRONS
 PIONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 THERMAL NEUTRONS

BASALT

GS ROCKS
 . IGNEOUS ROCKS
 . . **BASALT**
 RT CONES (VOLCANOES)
 LUNAR MARIA
 MARS VOLCANOES
 REGOLITH
 SOILS
 VOLCANOES
 VOLCANOLOGY

BASE FLOW

GS FLUID FLOW
 . **BASE FLOW**
 RT HEAD FLOW
 WAKES

BASE HEATING

GS HEATING
 . **BASE HEATING**
 RT AFTERBODIES
 CONVECTION
 EXHAUST NOZZLES
 JET EXHAUST
 JET IMPINGEMENT
 ∞ RADIATION
 ROCKET EXHAUST

BASE PRESSURE

GS PRESSURE
 . **BASE PRESSURE**
 RT AERODYNAMIC DRAG

BASEMENTS

RT BUILDINGS
 FLOORS
 FOUNDATIONS

∞ BASES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BASES (CHEMICAL)
 DATA BASES
 FOUNDATIONS
 INORGANIC COMPOUNDS
 ION CONCENTRATION
 LUNAR BASES
 SPACE BASES
 STATIONS

BASES (CHEMICAL)

GS **BASES (CHEMICAL)**
 . ADENINES
 . ALKALIES
 . . LITHIUM HYDROXIDES
 . . POTASSIUM HYDROXIDES
 . . SODIUM HYDROXIDES
 . . ALKALOIDS
 . . ATROPINE
 . . BETAINES
 . . CAFFEINE
 . . COLCHICINE
 . . ERGOTAMINE

BASES (CHEMICAL)--(cont.)

. . HYOSCINE
 . . LYSERGINE
 . . MORPHINE
 . . NICOTINAMIDE
 . . NICOTINE
 . . PILOCARPINE
 . . RESERPINE
 . . STRYCHNINE
 . . TROPYL COMPOUNDS
 . . GUANINES
 . . PIPERIDINE
 . . PYRIDINES
 . . QUINOLINE
 . . THYMIDINE
 . . URACIL
 RT ALKALINITY
 ANHYDRIDES
 ∞ BASES
 BUFFERS (CHEMISTRY)
 PH

BASES (FOUNDATIONS)

USE FOUNDATIONS

BASIC (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . **BASIC (PROGRAMMING LANGUAGE)**
 RT COMPUTER PROGRAMMING

BASINS

USE STRUCTURAL BASINS

BASINS (CONTAINERS)

RT TANKS (CONTAINERS)

BASKETS

RT ∞ CONTAINERS
 GONDOLAS

BASTNASITE

GS CARBON COMPOUNDS
 . CARBONATES
 . . **BASTNASITE**
 MINERALS
 . **BASTNASITE**
 RARE EARTH COMPOUNDS
 . CERIUM COMPOUNDS
 . . **BASTNASITE**

BATCH PROCESSING

GS DATA PROCESSING
 . **BATCH PROCESSING**
 RT COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 DATA PROCESSING EQUIPMENT
 ∞ PROCESSING

BATHING

GS CLEANING
 . WASHING
 . . **BATHING**
 RT COOLING
 HYGIENE
 WASTE WATER

BATHOLITHS

GS ROCK INTRUSIONS
 . **BATHOLITHS**
 ROCKS
 . BEDROCK
 . . **BATHOLITHS**
 RT GRANITE
 IGNEOUS ROCKS

BATHS

SN (EXCLUDES BATHING)
 GS **BATHS**
 . SALT BATHS
 RT DIPPING
 ELECTROPLATING
 HEAT TRANSFER
 QUENCHING (COOLING)
 ∞ SOAKING
 SUBMERGING
 WATER IMMERSION

BATHYMETERS

UF BATHYMETRY
 GS MEASURING INSTRUMENTS
 . **BATHYMETERS**
 RT DEPTH MEASUREMENT
 OCEANOGRAPHY

BATHYMETERS--(cont.)

SOUNDING
UNDERWATER RESEARCH
LABORATORIES

BATHYMETRY

USE BATHYMETERS

BATHYTHERMOGRAPHS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS

... **BATHYTHERMOGRAPHS**
RECORDING INSTRUMENTS
... **BATHYTHERMOGRAPHS**

RT PRESSURE GRADIENTS
TEMPERATURE GRADIENTS

BATS

GS ANIMALS
VERTEBRATES
MAMMALS
... **BATS**

BATTERIES

USE ELECTRIC BATTERIES

BATTERY CHARGERS

RT CHARGE EFFICIENCY
CHARGING
ELECTRIC BATTERIES
PULSE CHARGING
STORAGE BATTERIES

BATTERY SEPARATORS

USE SEPARATORS

BAUSCHINGER EFFECT

RT EFFECTS
FATIGUE (MATERIALS)
MICROSTRUCTURE

BAUXITE

RT ALUMINUM OXIDES
MINERALS
ROCKS

BAY ICE

GS ICE
BAY ICE
RT FREEZING
FROST
ICE FORMATION
ICE MAPPING
ICE REPORTING
LAKE ICE
LOW TEMPERATURE
NAVIGATION
OCEANOGRAPHY
SEA ICE
SLUSH
WATER

BAYARD-ALPERT IONIZATION GAGES

GS MEASURING INSTRUMENTS
PRESSURE GAGES
VACUUM GAGES
IONIZATION GAGES
BAYARD-ALPERT IONIZATION
GAGES
VACUUM APPARATUS
VACUUM GAGES
IONIZATION GAGES
BAYARD-ALPERT IONIZATION
GAGES
RT HOT CATHODES

BAYES THEOREM

UF BAYESIAN STATISTICS
GS THEOREMS
BAYES THEOREM
RT QUALITY CONTROL
SAMPLING

BAYESIAN STATISTICS

USE BAYES THEOREM

BAYOUS

GS LANDFORMS
INLETS (TOPOGRAPHY)
BAYOUS
LAKES
MARSHLANDS
RIVERS
RT

BAYS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BAYS (STRUCTURAL UNITS)
BAYS (TOPOGRAPHIC FEATURES)

BAYS (STRUCTURAL UNITS)

RT AIRCRAFT COMPARTMENTS
AIRFRAMES
BAYS
COMPARTMENTS
FUSELAGES
HULLS (STRUCTURES)
SHELLS (STRUCTURAL FORMS)

BAYS (TOPOGRAPHIC FEATURES)

UF BIGHTS
COVES
GS BAYS (TOPOGRAPHIC FEATURES)
CHESAPEAKE BAY (US)
DELAWARE BAY (US)
HUDSON BAY (CANADA)
MONTEREY BAY (CA)
SAGINAW BAY (MI)
SAN FRANCISCO BAY (CA)
SAN PABLO BAY (CA)
RT BAYS
GULFS
INLETS (TOPOGRAPHY)

BBGKY HIERARCHY

GS CLASSIFICATIONS
HIERARCHIES
BBGKY HIERARCHY
BOGOLIUBOV THEORY
BOLTZMANN TRANSPORT EQUATION
EQUATIONS OF STATE
FOURIER TRANSFORMATION
KINETIC EQUATIONS
PLASMA PHYSICS
RT

BCAS

USE BEACON COLLISION AVOIDANCE
SYSTEM

BCC LATTICES

USE BODY CENTERED CUBIC LATTICES

BCH CODES

UF BOSE-CHAUDHURI-HOCQUENGHEM
CODES
RT BINARY CODES
CODES
CODING
COMPUTER PROGRAMMING
DECODERS
DECODING
DIGITAL TECHNIQUES
ERROR CORRECTING DEVICES
INFORMATION THEORY
PARITY
RANDOM ERRORS

BCS THEORY

UF BARDEEN-COOPER-SCHRIEFFER THEORY
RT MANY BODY PROBLEM
SUPERCONDUCTIVITY
THEORIES
THERMODYNAMIC COUPLING

BE A

USE BEACON EXPLORER A

BE B

USE EXPLORER 22 SATELLITE

BE C

USE EXPLORER 27 SATELLITE

BE-3 ENGINE

GS ENGINES
ROCKET ENGINES
RETROCKET ENGINES
BE-3 ENGINE
RT ATHENA ROCKET VEHICLE
RANGER LUNAR LANDING VEHICLES
SOLID PROPELLANT ROCKET ENGINES

BEACHES

UF ADVANCING SHORELINES
BACKSHORES
INSHORE ZONES
RT BARS (LANDFORMS)

BEACHES--(cont.)

COASTAL CURRENTS
COASTAL PLAINS
COASTS
CUSPS (LANDFORMS)
DUNES
LAGOONS
LAKES
LITTORAL DRIFT
MARINE ENVIRONMENTS
SHOALS
SHORELINES
TOPOGRAPHY
WATERFOWL

BEACON COLLISION AVOIDANCE SYSTEM

UF BCAS
GS AVOIDANCE
COLLISION AVOIDANCE
BEACON COLLISION AVOIDANCE
SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
MIDAIR COLLISIONS
RADIO BEACONS
SYSTEMS
TRANSPONDERS

BEACON EXPLORER A

UF BE A
GS S-66 SATELLITE
ARTIFICIAL SATELLITES
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
SPACE ERECTABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
DELTA LAUNCH VEHICLE
RT

BEACON EXPLORER B

USE EXPLORER 22 SATELLITE

BEACON EXPLORER C

USE EXPLORER 27 SATELLITE

BEACON SATELLITES

UF POLAR IONOSPHERE BEACON
GS ARTIFICIAL SATELLITES
PASSIVE SATELLITES
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
SPACE ERECTABLE STRUCTURES
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
LOCATES SYSTEM
RT

BEACONS

GS NAVIGATION AIDS
BEACONS
AIRPORT BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADAR BEACONS
DISCRETE ADDRESS BEACON
SYSTEM
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIO DIRECTION FINDERS
RT AIRCRAFT LIGHTS
BUOYS
COMPASSES
HOMING
HOMING DEVICES
INSTRUMENT FLIGHT RULES
MARKERS
POSITION INDICATORS
PROJECTORS
SEARCHLIGHTS

BEACONS--(cont.)

- ∞ SIGNALS
- SOLAR COMPASSES
- VISUAL SIGNALS

BEADS

- RT SPOT WELDS
- WELDED JOINTS
- WELDING

BEAGLE AIRCRAFT

- RT ∞ AIRCRAFT

BEAM CURRENTS

- GS ELECTRIC CURRENT
- . BEAM CURRENTS
- RT BACKWARD WAVE TUBES
- BRILLOUIN FLOW
- ∞ CURRENTS
- PLASMA CURRENTS

BEAM FORMING

- USE BEAMFORMING

BEAM INJECTION

- RT ELECTRON BEAMS
- ION BEAMS
- NEUTRAL BEAMS
- PLASMA HEATING
- PLASMA-PARTICLE INTERACTIONS
- TOKAMAK DEVICES
- TOROIDAL PLASMAS

BEAM INTERACTIONS

- RT BEAMS (RADIATION)
- COLLISION PARAMETERS
- HIGH ENERGY INTERACTIONS
- ∞ INTERACTIONS
- WAVE-PARTICLE INTERACTIONS

BEAM LEADS

- GS CONDUCTORS
- . ELECTRIC CONDUCTORS
- . BEAM LEADS
- . FLAT CONDUCTORS
- . BEAM LEADS
- RT BONDING
- ELECTRIC CONNECTORS
- ∞ JOINING
- MICROELECTRONICS
- MICROMODULES
- SOLDERED JOINTS

BEAM NEUTRALIZATION

- RT BEAMS (RADIATION)
- ELECTRON BEAMS
- ION BEAMS
- NEUTRAL BEAMS

BEAM PLASMA AMPLIFIERS

- GS AMPLIFIERS
- . BEAM PLASMA AMPLIFIERS
- RT ELECTRON BEAMS
- MILLIMETER WAVES
- PLASMA-PARTICLE INTERACTIONS
- PLASMAS (PHYSICS)
- RELATIVISTIC ELECTRON BEAMS

BEAM RIDER GUIDANCE

- GS GUIDANCE (MOTION)
- . BEAM RIDER GUIDANCE
- RT MISSILE CONTROL
- MISSILE SYSTEMS

BEAM SPLITTERS

- RT BEAMS (RADIATION)
- PARTICLE ACCELERATORS
- PARTICLE BEAMS
- SCATTER PLATES (OPTICS)

BEAM SWITCHING

- GS SWITCHING
- . BEAM SWITCHING
- RT BEAMS (RADIATION)
- ELECTRON OPTICS
- ION ENGINES
- LASERS
- MAGNETIC SWITCHING
- PACKET SWITCHING

BEAM WAVEGUIDES

- GS WAVEGUIDES
- . BEAM WAVEGUIDES
- RT COLLIMATORS

BEAM WAVEGUIDES--(cont.)

- PHOTON BEAMS
- PLASMA GUIDES
- RECTANGULAR WAVEGUIDES
- WAVE PROPAGATION
- YOKES

BEAMED POWER

- USE POWER BEAMING

BEAMFORMING

- UF BEAM FORMING
- BEAMSHAPING
- GS COLLIMATION
- . BEAMFORMING
- RT ANTENNA ARRAYS
- ANTENNA RADIATION PATTERNS
- BEAMS (RADIATION)
- LASER BEAMS
- POLARIZATION (WAVES)
- RADAR BEAMS

∞ BEAMS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BEAMS (RADIATION)
- BEAMS (SUPPORTS)

BEAMS (RADIATION)

- GS BEAMS (RADIATION)
- . GAMMA RAY BEAMS
- . LIGHT BEAMS
- . LASER BEAMS
- . MICROBEAMS
- . PARTICLE BEAMS
- . ATOMIC BEAMS
- . ELECTRON BEAMS
- . RELATIVISTIC ELECTRON BEAMS
- . ION BEAMS
- . NEUTRAL BEAMS
- . MOLECULAR BEAMS
- . NEUTRON BEAMS
- . NEUTRINO BEAMS
- . PION BEAMS
- . PROTON BEAMS
- . PENCIL BEAMS
- . PHONON BEAMS
- . PHOTON BEAMS
- . RADAR BEAMS
- RT BEAM INTERACTIONS
- BEAM NEUTRALIZATION
- BEAM SPLITTERS
- BEAM SWITCHING
- BEAMFORMING
- ∞ BEAMS
- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT RADIATION
- CORPUSCULAR RADIATION
- ELECTROMAGNETIC RADIATION
- EXTREME ULTRAVIOLET RADIATION
- INFRARED RADIATION
- IONIZING RADIATION
- IRRADIATION
- LIGHT (VISIBLE RADIATION)
- LONGITUDINAL WAVES
- MONOCHROMATIC RADIATION
- MULTIBEAM ANTENNAS
- PLANE WAVES
- ∞ RADIATION
- ∞ RAYS
- SUBMILLIMETER WAVES
- ULTRAVIOLET RADIATION

BEAMS (SUPPORTS)

- UF STRUCTURAL BEAMS
- GS STRUCTURAL MEMBERS
- . BEAMS (SUPPORTS)
- . BOX BEAMS
- . CANTILEVER BEAMS
- . CURVED BEAMS
- . I BEAMS
- . RECTANGULAR BEAMS
- . TIMOSHENKO BEAMS
- RT ∞ BEAMS
- COLUMNS (SUPPORTS)
- GIRDERS
- ∞ HEADERS
- PLASTIC BODIES
- T SHAPE
- TRUSSES

BEAMSHAPING

- USE BEAMFORMING

∞ BEARING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BEARING (DIRECTION)
- BEARINGS
- INTERNAL COMBUSTION ENGINES

BEARING (DIRECTION)

- RT ALIGNMENT
- AZIMUTH
- ∞ BEARING
- ∞ DIRECTION
- DIRECTION FINDING
- EXPOSURE
- FIELD OF VIEW
- INSTRUMENT ORIENTATION
- ∞ ORIENTATION
- POSITION (LOCATION)
- SOUND LOCALIZATION
- ∞ SPACE ORIENTATION

BEARING ALLOYS

- GS ALLOYS
- . BEARING ALLOYS
- RT ALUMINUM ALLOYS
- BABBITT METAL
- BEARINGS
- CADMIUM ALLOYS
- COPPER ALLOYS
- IRON ALLOYS
- LEAD ALLOYS
- METAL POWDER
- SILVER ALLOYS
- TIN ALLOYS
- ZINC ALLOYS

BEARINGLESS ROTORS

- GS AIRFOILS
- . WINGS
- . ROTARY WINGS
- . LIFTING ROTORS
- . BEARINGLESS ROTORS
- ROTATING BODIES
- . ROTORS
- . ROTARY WINGS
- . LIFTING ROTORS
- . BEARINGLESS ROTORS
- RT HINGES
- RIGID ROTORS

BEARINGS

- GS BEARINGS
- . ANTIFRICTION BEARINGS
- . BALL BEARINGS
- . ROLLER BEARINGS
- . FOIL BEARINGS
- . GAS BEARINGS
- . JOURNAL BEARINGS
- . LIQUID BEARINGS
- . MAGNETIC BEARINGS
- . NEEDLE BEARINGS
- . THRUST BEARINGS
- RT ∞ BEARING
- BEARING ALLOYS
- BOUNDARY LUBRICATION
- BUSHINGS
- GIMBALS
- IDLERS
- INTERNAL COMBUSTION ENGINES
- LUBRICATION
- PACKINGS (SEALS)
- PIVOTS
- SHAFTS (MACHINE ELEMENTS)
- SUPPORTS
- SUSPENSION SYSTEMS (VEHICLES)
- SWIVELS
- WHEELS

BEARS

- GS ANIMALS
- . VERTEBRATES
- . MAMMALS
- . BEARS

BEAT

- USE SYNCHRONISM

BEAT FREQUENCIES

- GS FREQUENCIES
- . BEAT FREQUENCIES
- RT GROUP VELOCITY
- INTERMEDIATE FREQUENCY AMPLIFIERS
- MOIRE EFFECTS
- RESONANT FREQUENCIES

BEAT FREQUENCIES--(cont.)
 STANDING WAVES
 SUPERHETERODYNE RECEIVERS

BEAUFORT SEA (NORTH AMERICA)
 GS SEAS
 . **BEAUFORT SEA (NORTH AMERICA)**
 RT ALASKA
 ARCTIC OCEAN
 CANADA

BED REST
 GS REST
 . **BED REST**
 RT CALCIUM METABOLISM
 CLINICAL MEDICINE
 HEAD DOWN TILT
 ORTHOSTATIC TOLERANCE

BEDDING EQUIPMENT
 RT ∞ BLANKETS
 ∞ EQUIPMENT

BEDIASITES
 GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 TEKTITES
 **BEDIASITES**
 RT AUSTRALITES

BEDROCK
 UF SHIELDS (GEOLOGY)
 GS ROCKS
 . **BEDROCK**
 . . BALTIC SHIELD (EUROPE)
 . . BATHOLITHS
 RT EARTH RESOURCES
 GEOLOGY
 REGOLITH
 ∞ SHELVES
 SOILS
 STRATA
 STRATIFICATION
 STRATIGRAPHY
 TUNNELING (EXCAVATION)

BEDS
 RT BEDS (PROCESS ENGINEERING)
 COUCHES

BEDS (GEOLOGY)
 UF LAKE BEDS
 GS LANDFORMS
 . **BEDS (GEOLOGY)**
 . . SALT BEDS
 RT GEOLOGY
 OCEAN BOTTOM
 STRATA
 STRATIGRAPHY

BEDS (PROCESS ENGINEERING)
 RT BEDS
 CHEMICAL REACTORS
 EXTRACTION
 FILTRATION
 FLUIDIZED BED PROCESSORS
 ION EXCHANGING
 PERCOLATION

BEECH AIRCRAFT
 USE BEECHCRAFT AIRCRAFT

BEECH C-33 AIRCRAFT
 USE C-33 AIRCRAFT

BEECH S-35 AIRCRAFT
 USE C-35 AIRCRAFT

BEECH 99 AIRCRAFT
 GS BEECHCRAFT AIRCRAFT
 . **BEECH 99 AIRCRAFT**
 . . BEECHCRAFT 18 AIRCRAFT
 . . C-33 AIRCRAFT
 . . C-35 AIRCRAFT
 LIGHT AIRCRAFT
 . **BEECH 99 AIRCRAFT**
 . . BEECHCRAFT 18 AIRCRAFT
 . . C-33 AIRCRAFT
 . . C-35 AIRCRAFT
 RT ∞ AIRCRAFT
 ∞ LOW WING AIRCRAFT

BEECHCRAFT AIRCRAFT
 UF BEECH AIRCRAFT
 GS **BEECHCRAFT AIRCRAFT**
 . BEECH 99 AIRCRAFT
 . . BEECHCRAFT 18 AIRCRAFT
 . . C-33 AIRCRAFT
 . . C-35 AIRCRAFT
 RT ∞ AIRCRAFT

BEECHCRAFT 18 AIRCRAFT
 GS BEECHCRAFT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . **BEECHCRAFT 18 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **BEECHCRAFT 18 AIRCRAFT**
 LIGHT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . **BEECHCRAFT 18 AIRCRAFT**
 MONOPLANES
 . **BEECHCRAFT 18 AIRCRAFT**
 RT ∞ AIRCRAFT

BEER LAW
 RT ABSORPTIVITY
 BOUGUER LAW
 ELECTROMAGNETIC ABSORPTION
 MOLECULAR ABSORPTION

BEES
 GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **BEES**
 RT SWARMING

BEE TL ES
 GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 COLEOPTERA
 **BEE TL ES**
 TRIBOLIA
 RT INFESTATION

BEHAVIOR
 GS **BEHAVIOR**
 . DECONDITIONING
 . HUMAN BEHAVIOR
 RT CONDITIONING (LEARNING)
 DIAGNOSIS
 EDUCATION
 EXTROVERSION
 LEARNING
 MIGRATION
 SKINNER BOXES

BELARUS
 GS NATIONS
 . **BELARUS**
 RT EUROPE

BELFAST AIRCRAFT
 USE SC-5 AIRCRAFT

BELGIAN CONGO
 USE ZAIRE

BELGIAN SPACE PROGRAM
 GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . **BELGIAN SPACE PROGRAM**
 RT BELGIUM

BELGIUM
 GS NATIONS
 . **BELGIUM**
 RT BELGIAN SPACE PROGRAM
 EUROPE

BELIZE
 UF BRITISH HONDURAS
 GS NATIONS
 . **BELIZE**
 RT CARIBBEAN REGION
 CARIBBEAN SEA
 CENTRAL AMERICA

BELL AIRCRAFT
 GS **BELL AIRCRAFT**
 . AH-63 HELICOPTER
 . BELL 214A HELICOPTER

BELL AIRCRAFT--(cont.)
 . OH-4 HELICOPTER
 . OH-13 HELICOPTER
 . UH-1 HELICOPTER
 . V-22 AIRCRAFT
 . X-1 AIRCRAFT
 . X-2 AIRCRAFT
 . X-5 AIRCRAFT
 . X-14 AIRCRAFT
 . X-22 AIRCRAFT
 . XV-3 AIRCRAFT
 . XV-15 AIRCRAFT
 RT ∞ AIRCRAFT

BELL 214A HELICOPTER
 GS BELL AIRCRAFT
 . **BELL 214A HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **BELL 214A HELICOPTER**
 RT ∞ AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

BELLMAN THEORY
 RT DYNAMIC PROGRAMMING
 OPTIMIZATION
 ∞ THEORIES

BELLOWS
 SN (EXPANDABLE JOINTS--FOR DEVICES TO
 MOVE GASES, USE BLOWERS)
 GS EXPANDABLE STRUCTURES
 . **BELLOWS**
 RT EXPULSION BLADDERS
 JOINTS (JUNCTIONS)
 PUMPS

BELLS
 RT AUDITORY SIGNALS
 PRESSURE VESSELS
 PSYCHOACOUSTICS
 ∞ SIGNALS
 SOUND GENERATORS
 WARNING
 WARNING SYSTEMS

BELTRAMI FLOW
 GS FLUID FLOW
 . **BELTRAMI FLOW**
 RT INCOMPRESSIBLE FLOW
 STEADY FLOW
 VORTICITY

BELTS
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ASTEROID BELTS
 CABLES (ROPEs)
 FASTENERS
 GIRDLES
 PROTON BELTS
 PULLEYS
 RADIATION BELTS
 REGIONS
 ROUSE BELTS
 SEAT BELTS
 TERRESTRIAL DUST BELT

BENARD CELLS
 GS CONVECTION
 . FREE CONVECTION
 . . RAYLEIGH-BENARD CONVECTION
 . . . **BENARD CELLS**
 FLUID FLOW
 . CONVECTIVE FLOW
 . . RAYLEIGH-BENARD CONVECTION
 . . . **BENARD CELLS**
 RT CONVECTION CURRENTS
 CONVECTION-DIFFUSION EQUATION
 RAYLEIGH NUMBER
 SOLAR CONVECTION (ASTRONOMY)
 SOLAR GRANULATION
 STELLAR CONVECTION

BENCHES
 USE SEATS

BEND TESTS
 RT BENDING
 CRACK PROPAGATION
 DESTRUCTIVE TESTS

BEND TESTS--(cont.)

. FRACTURE MECHANICS
 . FRACTURE STRENGTH
 ∞ MATERIALS TESTS
 ∞ TESTS

BENDING

GS **BENDING**
 . ELASTIC BENDING
 RT BEND TESTS
 ∞ BOWS
 . BUCKLING
 . CAMBER
 . DEFLECTION
 . DEFORMATION
 . DISPLACEMENT
 . DISTORTION
 . ELASTIC DEFORMATION
 . FATIGUE TESTS
 . FIBER STRENGTH
 . FLEXIBILITY
 . FLEXING
 . FLUTTER
 . FOLDING
 . HEAVING
 . MODULUS OF ELASTICITY
 . PLASTIC DEFORMATION
 . STIFFNESS
 . STRUCTURAL FAILURE
 . STRUCTURAL STRAIN
 . TEMPERATURE INVERSIONS
 . TWISTING
 . WARPAGE

BENDING DIAGRAMS

GS DIAGRAMS
 . **BENDING DIAGRAMS**
 RT DEFLECTION

BENDING FATIGUE

GS FATIGUE (MATERIALS)
 . **BENDING FATIGUE**
 RT METAL FATIGUE
 S-N DIAGRAMS

BENDING MOMENTS

GS MOMENTS
 . **BENDING MOMENTS**
 RT LOADING MOMENTS
 NASTRAN
 . STATIC LOADS
 . STRESS ANALYSIS
 . STRUCTURAL DESIGN CRITERIA
 . TORQUE

BENDING THEORY

RT STRESS ANALYSIS
 . STRESS INTENSITY FACTORS
 ∞ THEORIES

BENDING VIBRATION

GS VIBRATION
 . STRUCTURAL VIBRATION
 . **BENDING VIBRATION**
 RT BREATHING VIBRATION
 . FLUTTER
 . MISSILE VIBRATION
 . PANEL FLUTTER
 . RANDOM VIBRATION
 . SELF INDUCED VIBRATION

BENDS (PHYSIOLOGY)

USE DECOMPRESSION SICKNESS

BENEFICIATION

RT ∞ ABSORPTION
 . ADSORPTION
 . AERATION
 . CLEAN FUELS
 . COMMUNION
 . CONCENTRATING
 ∞ CONDITIONING
 . ENRICHMENT
 . EXPLOITATION
 . EXTRACTION
 . FILTRATION
 . FLOTATION
 . FOAMING
 . ISOTOPIC ENRICHMENT
 . LEACHING
 ∞ METALLURGY
 . MINERALS
 . PURIFICATION
 . REFINING
 ∞ SEPARATION

BENEFICIATION--(cont.)

. SETTLING
 . SIZE SEPARATION
 . SUBLIMATION
 . UPGRADING
 . WASHING
 . WASTES

BENIN

UF DAHOMEY
 GS NATIONS
 . **BENIN**
 RT AFRICA

BENTONITE

RT MONTMORILLONITE
 . SOILS
 . WATER TREATMENT

BENZENE

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . CYCLIC HYDROCARBONS
 . . **BENZENE**
 . . HYDROCARBONS
 . . CYCLIC HYDROCARBONS
 . . **BENZENE**
 RT CHLOROBENZENES
 . CYCLOHEXANE
 . SOLVENT REFINED COAL

BENZENE POISONING

RT HYDROCARBON POISONING
 . INDUSTRIAL SAFETY
 ∞ POISONING
 . TOXICITY AND SAFETY HAZARD
 . TOXICOLOGY

BENZILIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . **BENZILIC ACID**
 . ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . **BENZILIC ACID**

BENZOIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . **BENZOIC ACID**
 . ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . **BENZOIC ACID**

BENZOQUINONE

USE QUINONES

BERENICE ROCKET VEHICLE

GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **BERENICE ROCKET VEHICLE**
 RT HYPERSONIC REENTRY
 . SOLID PROPELLANT ROCKET ENGINES

BERGMAN OPERATOR

GS OPERATORS (MATHEMATICS)
 . **BERGMAN OPERATOR**

BERING SEA

GS SEAS
 . **BERING SEA**
 RT PACIFIC OCEAN

BERKELIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . **BERKELIUM**
 . . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 **BERKELIUM**
 . . METALS
 . . ACTINIDE SERIES
 . . . TRANSURANIUM ELEMENTS
 . . . **BERKELIUM**

BERMUDA

GS LANDFORMS

BERMUDA--(cont.)

. ISLANDS
 . . **BERMUDA**
 RT ATLANTIC OCEAN

BERNOULLI EQUATION

USE BERNOULLI THEOREM

BERNOULLI THEOREM

UF BERNOULLI EQUATION
 GS THEOREMS
 . **BERNOULLI THEOREM**
 RT CONSERVATION EQUATIONS
 ∞ EQUATIONS
 . FLOW EQUATIONS
 . FLUID FLOW
 . ISENTROPIC PROCESSES
 . LINEARIZATION
 . MAGNUS EFFECT
 . PANEL METHOD (FLUID DYNAMICS)

BERNSTEIN ENERGY PRINCIPLE

GS STRUCTURAL ANALYSIS
 . ENERGY METHODS
 . . **BERNSTEIN ENERGY PRINCIPLE**
 RT ∞ ENERGY
 . MAGNETIC FIELDS

BERYL

UF EMERALD
 GS ALUMINUM COMPOUNDS
 . **BERYL**
 . . ALEXANDRITE
 . BERYLLIUM COMPOUNDS
 . **BERYL**
 . . ALEXANDRITE
 . MINERALS
 . **BERYL**
 . . ALEXANDRITE
 . SILICON COMPOUNDS
 . SILICATES
 . . **BERYL**
 RT BERYLLIUM

BERYLLIUM

GS CHEMICAL ELEMENTS
 . **BERYLLIUM**
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . METALS
 . **BERYLLIUM**
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 RT BERYL
 . MODERATORS

BERYLLIUM ALLOYS

GS ALLOYS
 . LIGHT ALLOYS
 . . **BERYLLIUM ALLOYS**

BERYLLIUM BOROHYDRIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM BOROHYDRIDES**
 . BORON COMPOUNDS
 . BOROHYDRIDES
 . . **BERYLLIUM BOROHYDRIDES**
 . BORON HYDRIDES
 . . **BERYLLIUM BOROHYDRIDES**
 . HYDROGEN COMPOUNDS
 . HYDRIDES
 . . BOROHYDRIDES
 . . . **BERYLLIUM BOROHYDRIDES**
 . . BORON HYDRIDES
 . . . **BERYLLIUM BOROHYDRIDES**

BERYLLIUM CHLORIDES

GS BERYLLIUM COMPOUNDS
 . **BERYLLIUM CHLORIDES**
 . HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES
 . . **BERYLLIUM CHLORIDES**
 . HALIDES
 . . CHLORIDES
 . . . **BERYLLIUM CHLORIDES**
 . . METAL HALIDES
 . . . **BERYLLIUM CHLORIDES**

BERYLLIUM COMPOUNDS

- GS BERYLLIUM COMPOUNDS
 . BERYL
 . . ALEXANDRITE
 . BERYLLIUM BOROHYDRIDES
 . BERYLLIUM CHLORIDES
 . BERYLLIUM FLUORIDES
 . BERYLLIUM HYDRIDES
 . BERYLLIUM NITRIDES
 . BERYLLIUM OXIDES
 . . ALEXANDRITE
 RT ∞ALKALINE EARTH COMPOUNDS
 ∞CHEMICAL COMPOUNDS
 ∞METAL COMPOUNDS
 METAL FUELS
 METAL PROPELLANTS

BERYLLIUM FLUORIDES

- GS BERYLLIUM COMPOUNDS
 . BERYLLIUM FLUORIDES
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . . . METAL FLUORIDES
 BERYLLIUM FLUORIDES

BERYLLIUM HYDRIDES

- GS BERYLLIUM COMPOUNDS
 . BERYLLIUM HYDRIDES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . METAL HYDRIDES
 . . . BERYLLIUM HYDRIDES

BERYLLIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 METALS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10

BERYLLIUM NITRIDES

- GS BERYLLIUM COMPOUNDS
 . BERYLLIUM NITRIDES
 NITROGEN COMPOUNDS
 . NITRIDES
 . . METAL NITRIDES
 . . . BERYLLIUM NITRIDES

BERYLLIUM OXIDES

- GS BERYLLIUM COMPOUNDS
 . BERYLLIUM OXIDES
 . . ALEXANDRITE
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . ALKALINE EARTH OXIDES
 BERYLLIUM OXIDES

BERYLLIUM POISONING

- RT INDUSTRIAL SAFETY
 ∞POISONING
 . RESPIRATORY DISEASES
 TOXICITY AND SAFETY HAZARD
 TOXICOLOGY

BERYLLIUM 7

- GS CHEMICAL ELEMENTS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 RADIOACTIVE ISOTOPES
 BERYLLIUM 7
 METALS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7

BERYLLIUM 9

- GS CHEMICAL ELEMENTS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 9
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 BERYLLIUM 9
 RADIOACTIVE ISOTOPES
 BERYLLIUM 9
 METALS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 9

BERYLLIUM 10

- GS CHEMICAL ELEMENTS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 10
 NUCLIDES
 ISOTOPES
 BERYLLIUM ISOTOPES
 BERYLLIUM 10
 RADIOACTIVE ISOTOPES
 BERYLLIUM 10
 METALS
 . BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 10

BESS (SATELLITE)

- UF BIOMEDICAL EXPERIMENT SCIENTIFIC
 SATELLITE
 GS ARTIFICIAL SATELLITES
 . BESS (SATELLITE)
 RT MULTIMISSION MODULAR SPACECRAFT
 SPACE SHUTTLES

BESSEL FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . BESSEL FUNCTIONS
 . . . HANKEL FUNCTIONS
 REAL VARIABLES
 BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 RT BOUNDARY VALUE PROBLEMS
 DIFFERENTIAL EQUATIONS
 HYPERGEOMETRIC FUNCTIONS
 ORTHOGONAL FUNCTIONS
 POWER SERIES

BESSEL-BREDICHIN THEORY

- RT COMETS
 KOHOUTEK COMET
 RADIATION PRESSURE
 ∞THEORIES

BETA FACTOR

- RT DENSE PLASMAS
 FLUID PRESSURE
 FUSION REACTORS
 MAGNETIC FIELDS
 MAGNETIC FLUX
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMA CONTROL
 PLASMA EQUILIBRIUM
 PLASMA HEATING
 PLASMA PHYSICS
 PRESSURE EFFECTS
 REACTOR PHYSICS
 TOKAMAK DEVICES
 TOROIDAL PLASMAS

BETA INTERACTIONS

- USE WEAK INTERACTIONS (FIELD THEORY)

BETA PARTICLES

- GS IONIZING RADIATION
 . BETA PARTICLES
 NUCLEAR RADIATION
 . BETA PARTICLES
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 BETA PARTICLES
 CORPUSCULAR RADIATION
 ELECTRON RADIATION
 BETA PARTICLES
 ELEMENTARY PARTICLES
 BETA PARTICLES
 NUCLEAR PARTICLES

BETA PARTICLES--(cont.)

- RT DECAY
 ELECTRON BEAMS
 ELECTRONS
 FLUX (RATE)
 HOT ATOMS
 N ELECTRONS
 RELATIVISTIC ELECTRON BEAMS
 WEAK ENERGY INTERACTIONS

BETAINES

- GS BASES (CHEMICAL)
 . ALKALOIDS
 . . BETAINES
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . BETAINES
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 BETAINES

BETATRONS

- GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . . BETATRONS
 . . . ELECTRON ACCELERATORS
 BETATRONS
 RT MICROTRONS
 SYNCHROTRONS

BETHE-HEITLER FORMULA

- GS MATHEMATICAL LOGIC
 . FORMULAS (MATHEMATICS)
 . . BETHE-HEITLER FORMULA

BETHE-SALPETER EQUATION

- GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . BETHE-SALPETER EQUATION
 RT DIFFERENTIAL EQUATIONS
 ∞EQUATIONS
 EQUATIONS OF MOTION
 KINETIC EQUATIONS
 QUANTUM MECHANICS

BEVATRON

- GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . . SYNCHROTRONS
 . . . BEVATRON
 RT SYNCHROCYCLOTRONS

BEVERAGES

- GS LIQUIDS
 . POTABLE LIQUIDS
 . . BEVERAGES
 . . . WINES
 RT COFFEE
 DRINKING
 ∞FOOD
 MILK

BGK MODEL

- UF BHATNAGAR-GRASS-KROOK MODEL
 GS MODELS
 . MATHEMATICAL MODELS
 . . BGK MODEL
 RT BOLTZMANN TRANSPORT EQUATION
 COMPUTATIONAL FLUID DYNAMICS
 KINETIC EQUATIONS
 KINETIC THEORY
 KNUDSEN FLOW
 MOLECULAR COLLISIONS
 MOLECULAR FLOW
 PARTICLE COLLISIONS
 RAREFIED GAS DYNAMICS

BHATNAGAR-GRASS-KROOK MODEL

- USE BGK MODEL

BHUTAN

- GS NATIONS
 . BHUTAN
 RT HIMALAYAS
 INDIA
 SIKKIM
 TIBET

BI-SR-CA-CU-O SUPERCONDUCTORS

- USE BSCCO SUPERCONDUCTORS

BIAS

GS **BIAS**
 . RESPONSE BIAS
 . COMPENSATORS
 RT DISPLACEMENT
 ELECTRIC POTENTIAL
 ERRORS
 INSTRUMENT ERRORS
 OPEN CIRCUIT VOLTAGE
 TUBE GRIDS

BIBLIOGRAPHIES

GS DOCUMENTS
 . **BIBLIOGRAPHIES**
 RT ABSTRACTS
 BIOGRAPHY
 DOCUMENTATION
 GENERAL OVERVIEWS
 HANDBOOKS
 INDEXES (DOCUMENTATION)
 INFORMATION DISSEMINATION
 INFORMATION RETRIEVAL
 LIBRARIES
 LITERATURE
 ∞ REFERENCE SYSTEMS
 SPACE GLOSSARIES
 SUMMARIES

BICARBONATES

USE CARBONATES

BICRYSTALS

GS CRYSTALS
 . **BICRYSTALS**
 RT POLYCRYSTALS
 SINGLE CRYSTALS

∞ BICYCLE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT LANDING GEAR
 SURFACE VEHICLES

BIDIRECTIONAL REFLECTANCE

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . REFLECTANCE
 . . . **BIDIRECTIONAL REFLECTANCE**
 RT LIGHT SCATTERING
 REFLECTION
 SPECTRAL REFLECTANCE
 SURFACE PROPERTIES

BIFURCATION (BIOLOGY)

RT ANATOMY
 ARTERIES
 ∞ BIOLOGY
 BLOOD VESSELS
 BRANCHING (PHYSICS)
 VEINS

BIFURCATION (MATHEMATICS)

USE BRANCHING (MATHEMATICS)

BIG BANG COSMOLOGY

GS COSMOLOGY
 . **BIG BANG COSMOLOGY**
 RT ASTRONOMICAL MODELS
 BACKGROUND RADIATION
 COSMIC RAYS
 GALACTIC EVOLUTION
 GAMMA RAY BURSTS
 GRAND UNIFIED THEORY
 GRAVITATIONAL CONSTANT
 RELATIVITY
 . RELIC RADIATION
 UNIVERSE

BIG SHOT PROJECT

GS PROGRAMS
 . PROJECTS
 . . **BIG SHOT PROJECT**

BIGHORN MOUNTAINS (MT-WY)

GS LANDFORMS
 . MOUNTAINS
 . . **BIGHORN MOUNTAINS (MT-WY)**
 RT MONTANA
 WYOMING

BIGHTS

USE BAYS (TOPOGRAPHIC FEATURES)

BIHARMONIC EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **BIHARMONIC EQUATIONS**
 RT ELASTIC PROPERTIES
 ∞ EQUATIONS

BILLETS

RT CASTING
 CASTINGS
 FORGING
 INGOTS
 METAL PLATES
 METAL STRIPS
 RODS
 SLABS
 WIRE

BIMETALS

RT ALLOYING
 ALLOYS
 COMPOSITE MATERIALS
 FUNCTIONALLY GRADIENT MATERIALS
 METAL BONDING
 METALS

BIMETRIC THEORIES

RT GRAVITATION THEORY
 METRIC SPACE
 SCHWARZSCHILD METRIC
 ∞ THEORIES

BINARY ALLOYS

GS ALLOYS
 . **BINARY ALLOYS**
 BINARY SYSTEMS (MATERIALS)
 . **BINARY ALLOYS**
 RT ALLOYING

BINARY CODES

RT BCH CODES
 BIT ERROR RATE
 ∞ CODES
 CONCATENATED CODES
 DIGITAL SYSTEMS
 TRELLIS CODING

BINARY DATA

RT ANALOG DATA
 BIT ERROR RATE
 BUBBLE MEMORY DEVICES
 ∞ DATA
 DATA PROCESSING
 DECIMAL TO BINARY CONVERTERS
 DIGITAL DATA

BINARY DIGITS

GS ALPHANUMERIC CHARACTERS
 . DIGITS
 . . **BINARY DIGITS**
 RT BIT ERROR RATE
 BITS
 DIGITAL ELECTRONICS
 DIGITAL SYSTEMS

BINARY FLUIDS

GS BINARY SYSTEMS (MATERIALS)
 . BINARY MIXTURES
 . . **BINARY FLUIDS**
 MIXTURES
 . BINARY MIXTURES
 . . **BINARY FLUIDS**
 RT ∞ FLUIDS
 GAS MIXTURES
 KINETIC THEORY
 LENNARD-JONES GAS
 TRANSPORT PROPERTIES

BINARY INTEGRATION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . MEASURE AND INTEGRATION
 . . . **BINARY INTEGRATION**
 RT ADDING CIRCUITS
 DIGITAL INTEGRATORS

BINARY MIXTURES

GS BINARY SYSTEMS (MATERIALS)
 . **BINARY MIXTURES**
 . BINARY FLUIDS
 . . EUTECTICS
 . . . EUTECTIC ALLOYS

BINARY MIXTURES--(cont.)

MIXTURES
 . **BINARY MIXTURES**
 . BINARY FLUIDS
 . EUTECTICS
 . . EUTECTIC ALLOYS
 RT AZEOTROPES
 GAS MIXTURES
 LIQUID-GAS MIXTURES

BINARY PHASE SHIFT KEYING

UF BIPHASE SHIFT KEYING
 BPSK
 GS CODING
 . SIGNAL ENCODING
 . . PHASE MODULATION
 . . . PHASE SHIFT KEYING
 **BINARY PHASE SHIFT KEYING**
 KEYING
 . PHASE SHIFT KEYING
 . . **BINARY PHASE SHIFT KEYING**
 MODULATION
 . PHASE MODULATION
 . . PHASE SHIFT KEYING
 . . . **BINARY PHASE SHIFT KEYING**
 RT QUADRATURE PHASE SHIFT KEYING
 SATELLITE TRANSMISSION

BINARY STARS

GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . **BINARY STARS**
 CATAclysmic VARIABLES
 COMPANION STARS
 NEMESIS (STAR)
 ECLIPSING BINARY STARS
 DWARF NOVAE
 LAMBDA TAURI STARS
 ZETA AURIGAE STAR
 SIGMA ORIONIS
 SYMBIOTIC STARS
 X RAY BINARIES
 RT ACCRETION DISKS
 LIMB DARKENING
 STAR CLUSTERS
 STELLAR PARALLAX
 STELLAR SYSTEMS
 TRIPLE STARS
 TWO BODY PROBLEM
 VARIABLE STARS

BINARY SUMMATORS

USE ADDING CIRCUITS

BINARY SYSTEMS (DIGITAL)

USE DIGITAL SYSTEMS

BINARY SYSTEMS (MATERIALS)

UF TWO PHASE SYSTEMS
 GS **BINARY SYSTEMS (MATERIALS)**
 . BINARY ALLOYS
 . BINARY MIXTURES
 . BINARY FLUIDS
 . EUTECTICS
 . . EUTECTIC ALLOYS
 RT ALLOYS
 ∞ MATERIALS
 PHASE DIAGRAMS
 PHASE SEPARATION (MATERIALS)
 SOLIDUS
 ∞ SYSTEMS
 TERNARY SYSTEMS

BINARY TO DECIMAL CONVERTERS

GS DATA CONVERTERS
 . **BINARY TO DECIMAL CONVERTERS**
 RT COMPUTER COMPONENTS
 ∞ CONVERTERS
 DATA PROCESSING
 DECIMAL TO BINARY CONVERTERS

BINAURAL HEARING

GS HEARING
 . **BINAURAL HEARING**
 PERCEPTION
 . **BINAURAL HEARING**
 RT AUDITORY PERCEPTION
 SOUND LOCALIZATION
 WEBER TEST

BINDERS (ADHESIVES)

USE ADHESIVES

BINDERS (MATERIALS)

- GS **BINDERS (MATERIALS)**
 - . PROPELLANT BINDERS
 - . . . SOLID ROCKET BINDERS
- RT ADDITIVES
 - ADHESIVES
 - CEMENTS
- ∞ MATERIALS
 - MOLDING MATERIALS
 - SIZING MATERIALS
 - SOLID LUBRICANTS

BINDING

- RT BONDING
 - COLLATING
 - FOLDING
- ∞ JOINING
 - PRINTING
 - SEALING
 - SEWING

BINOCULAR VISION

- GS VISION
 - . **BINOCULAR VISION**
- RT HAPLOSOPES
 - MOTION PERCEPTION
 - SPACE PERCEPTION
 - STEREOSCOPIC VISION

BINOCULARS

- GS OPTICAL EQUIPMENT
 - . **BINOCULARS**
- RT EYEPIECES
 - MICROSCOPES
 - PERISCOPES
 - TELESCOPES

BINOMIAL COEFFICIENTS

- GS ANALYSIS (MATHEMATICS)
 - . COMBINATORIAL ANALYSIS
 - . . **BINOMIAL COEFFICIENTS**
 - COEFFICIENTS
 - . **BINOMIAL COEFFICIENTS**
- RT FACTORIALS

BINOMIAL THEOREM

- GS ALGEBRA
 - . **BINOMIAL THEOREM**
 - THEOREMS
 - . **BINOMIAL THEOREM**
- RT BINOMIALS
 - PROBABILITY DENSITY FUNCTIONS
 - PROBABILITY THEORY
 - STATISTICAL ANALYSIS
 - STATISTICAL DISTRIBUTIONS

BINOMIALS

- GS ALGEBRA
 - . POLYNOMIALS
 - . . **BINOMIALS**
- RT BINOMIAL THEOREM

BIOACOUSTICS

- GS ACOUSTICS
 - . **BIOACOUSTICS**
- RT ACOUSTIC ATTENUATION
 - AUDITORY DEFECTS
 - AUDITORY SENSATION AREAS
 - BIOENGINEERING
- ∞ BIOLOGY
 - PSYCHOACOUSTICS
- ∞ SCIENCE
 - SOUND INTENSITY

BIOASSAY

- UF BIOLOGICAL ANALYSIS
- RT BIOCHEMISTRY
 - BIOLOGICAL EFFECTS
- ∞ BIOLOGY
 - HISTOCHEMICAL ANALYSIS

BIOASTRONAUTICAL ORBITAL SPACE SYSTEM

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . NASA SPACE PROGRAMS
 - . . . **BIOASTRONAUTICAL ORBITAL SPACE SYSTEM**
 - . SPACE PROGRAMS
 - . . NASA SPACE PROGRAMS
 - . . . **BIOASTRONAUTICAL ORBITAL SPACE SYSTEM**
- RT ∞ SYSTEMS

BIOASTRONAUTICS

- RT AEROSPACE ENVIRONMENTS
 - AEROSPACE MEDICINE
- ∞ ASTRONAUTICS
- ∞ BIOENGINEERING
- ∞ BIOLOGY
 - BIOSELLITE 1
 - BIOSELLITE 2
 - BIOSELLITE 3
 - CLOSED ECOLOGICAL SYSTEMS
 - COLUMBUS SPACE STATION
 - EARTH ATMOSPHERE
 - EXOLOGY
 - HEAD DOWN TILT
 - LUNAR ENVIRONMENT
 - PLANETARY ENVIRONMENTS
- ∞ SCIENCE
 - SPACE ADAPTATION SYNDROME
 - SPACE EXPLORATION
 - SPACE FLIGHT
 - SPACE STATIONS
 - SPACECRAFT ENVIRONMENTS

BIOCHEMICAL FUEL CELLS

- GS ELECTRIC GENERATORS
 - . DIRECT POWER GENERATORS
 - . . FUEL CELLS
 - . . . **BIOCHEMICAL FUEL CELLS**
 - ELECTROCHEMICAL CELLS
 - . FUEL CELLS
 - . . **BIOCHEMICAL FUEL CELLS**
- RT ∞ BIOLOGY
 - PHOSPHORIC ACID FUEL CELLS
 - REGENERATIVE FUEL CELLS

BIOCHEMICAL OXYGEN DEMAND

- UF BOD
- RT ALGAE
 - ∞ BIOLOGY
 - ECOLOGY
 - OXIMETRY
 - OXYGEN CONSUMPTION
 - PLANTS (BOTANY)
 - POLLUTION CONTROL
 - WATER POLLUTION
 - WATER TREATMENT

BIOCHEMISTRY

- GS **BIOCHEMISTRY**
 - . BIOGEOCHEMISTRY
 - . ENZYMOLOGY
 - . . PHYSIOCHEMISTRY
- RT BACTERIOLOGY
 - BIOASSAY
 - BIODEGRADATION
 - BIOENGINEERING
- ∞ BIOLOGY
 - CHEMICAL WARFARE
- ∞ CHEMISTRY
 - CYTOLOGY
 - GAIA HYPOTHESIS
 - GENETIC ENGINEERING
 - HISTOCHEMICAL ANALYSIS
 - IMMUNOASSAY
 - INTERFERON
 - MARINE CHEMISTRY
 - METABOLITES
 - MOLECULAR BIOLOGY
 - MUTAGENS
 - NITROGEN METABOLISM
 - NUTRITION
 - OPTICAL ACTIVITY
 - ORGANIC CHEMISTRY
 - RADIOIMMUNOASSAY
 - VEGETATION GROWTH

BIOCLIMATOLOGY

- USE BIOMETEOROLOGY

BIOCOMPATIBILITY

- GS COMPATIBILITY
 - . **BIOCOMPATIBILITY**
- RT ANTIBODIES
 - ANTIGENS
- ∞ BIOLOGY
 - BLOOD
 - IMMUNOLOGY
 - LEUKOCYTES
 - PHYSIOLOGICAL DEFENSES
 - VACCINES

BIOCONTROL SYSTEMS

- SN (RESTRICTED TO ARTIFICIAL BIOTECHNOLOGICAL SYSTEMS FOR THE CONTROL OF BIOLOGICAL PROCESSES--USE REGULATORY MECHANISMS (BIOLOGY) FOR NATURAL PHYSIOLOGICAL REGULATION)
- RT BIOFEEDBACK
 - ∞ BIOLOGY
 - BIONICS
 - PSYCHOMOTOR PERFORMANCE
 - REGULATORY MECHANISMS (BIOLOGY)
- ∞ SYSTEMS
 - TOLERANCES (PHYSIOLOGY)

BIOCONVERSION

- RT ALGAE
 - ∞ BIOLOGY
 - BIOMASS ENERGY PRODUCTION
 - BIOPROCESSING
- ∞ CONVERSION
 - ENZYME ACTIVITY
 - FERMENTATION
 - FUELS
 - HYDROCARBON FUEL PRODUCTION
 - METHANE
 - SOLAR HEATING
 - VEGETATION

BIODEGRADABILITY

- GS DISSOCIATION
 - . **BIODEGRADABILITY**
- RT ∞ BIOLOGY
 - DECAY
 - DECOMPOSITION
 - DETERIORATION
 - ORGANIC MATERIALS
- ∞ PROPERTIES

BIODEGRADATION

- GS DEGRADATION
 - . **BIODEGRADATION**
- RT ACTIVATED SLUDGE
 - BIOCHEMISTRY
- ∞ BIOLOGY
 - DECAY
 - DECOMPOSITION
 - DETERIORATION

BIODYNAMICS

- UF BIOMECHANICS
- RT ANATOMY
 - BIOENGINEERING
 - BIOLOGICAL MODELS (MATHEMATICS)
- ∞ BIOLOGY
 - BIOPHYSICS
- ∞ DYNAMICS
- ∞ SCIENCE
 - STRESS (PHYSIOLOGY)

BIOELECTRIC POTENTIAL

- GS POTENTIAL ENERGY
 - . ELECTRIC POTENTIAL
 - . . **BIOELECTRIC POTENTIAL**
- RT BIOELECTRICITY
 - ∞ BIOLOGY

BIOELECTRICITY

- UF NEURON TRANSMISSION
- RT BIOELECTRIC POTENTIAL
 - ∞ BIOLOGY
 - BIOMAGNETISM
 - INFORMATION PROCESSING (BIOLOGY)
 - NEUROMUSCULAR TRANSMISSION
 - SPIKE POTENTIALS

BIOENGINEERING

- GS **BIOENGINEERING**
 - . BIOINSTRUMENTATION
 - . . BIOTELEMETRY
 - . . . IMPLANTED ELECTRODES (BIOLOGY)
 - . BIOMETRICS
 - . . BODY MEASUREMENT (BIOLOGY)
 - . . . ANTHROPOMETRY
 - . . . ELECTROPLETHYSMOGRAPHY
 - . . . CARDIOGRAPHY
 - . . . BALLISTOCARDIOGRAPHY
 - . . . ELECTROCARDIOGRAPHY
 - . . . MAGNETOCARDIOGRAPHY
 - . . . PHONOCARDIOGRAPHY
 - . . . ECHOCARDIOGRAPHY
 - . . . SEISMOCARDIOGRAPHY
 - . . . VECTORCARDIOGRAPHY
 - . . . ECHOENCEPHALOGRAPHY
 - . . . ELECTROENCEPHALOGRAPHY

BIOENGINEERING--(cont.)

- .. ELECTROMYOGRAPHY
- .. ELECTRONYSTAGMOGRAPHY
- .. ELECTRORETINOGRAPHY
- .. PLETHYSMOGRAPHY
- .. ELECTROPLETHYSMOGRAPHY
- .. RADIOCARDIOGRAPHY
- RT BIOACOUSTICS
- BIOASTRONAUTICS
- BIOCHEMISTRY
- BIODYNAMICS
- ∞ BIOLOGY
- BIONICS
- BIOPAKS
- BIOPHYSICS
- BONE MINERAL CONTENT
- ∞ ENGINEERING
- GENETIC ENGINEERING
- HUMAN FACTORS ENGINEERING
- UNDERWATER BREATHING APPARATUS
- VOICE CONTROL

BIOFEEDBACK

- GS FEEDBACK
- .. BIOFEEDBACK
- .. SENSORY FEEDBACK
- RT AEROSPACE MEDICINE
- BIOCONTROL SYSTEMS
- BLOOD PRESSURE
- CONDITIONING (LEARNING)
- ∞ CONTROL
- FEEDBACK CONTROL
- HEART RATE
- HUMAN FACTORS ENGINEERING
- PSYCHOLOGY

BIOFLAVONOIDS

- UF VITAMIN P
- GS ORGANIC COMPOUNDS
- .. CYCLIC COMPOUNDS
- .. HETEROCYCLIC COMPOUNDS
- .. BIOFLAVONOIDS
- VITAMINS
- .. BIOFLAVONOIDS
- RT DRUGS

BIOGENESIS

- USE BIOLOGICAL EVOLUTION

BIOGENY

- RT ∞ BIOLOGY
- ∞ EVOLUTION
- ONTOGENY

BIOGEOCHEMISTRY

- GS BIOCHEMISTRY
- .. BIOGEOCHEMISTRY
- ENVIRONMENTAL CHEMISTRY
- .. GEOCHEMISTRY
- .. BIOGEOCHEMISTRY
- RT ∞ BIOLOGY
- BOTANY
- ∞ CHEMISTRY
- GEOBOTANY
- INTERNATIONAL
- GEOSPHERE-BIOSPHERE PROGRAM
- MINERALS
- PLANTS (BOTANY)

BIOGRAPHY

- GS LITERATURE
- .. BIOGRAPHY
- RT AWARDS
- BIBLIOGRAPHIES
- CASE HISTORIES
- DOCUMENTATION

BIOINSTRUMENTATION

- UF BIOSENSORS
- GS BIOENGINEERING
- .. BIOINSTRUMENTATION
- .. BIOTELEMETRY
- .. IMPLANTED ELECTRODES (BIOLOGY)
- RT ∞ BIOLOGY
- BIOMETRICS
- BIONICS
- ECHOENCEPHALOGRAPHY
- ∞ ENGINEERING
- IMBLMS
- ∞ INSTRUMENTS
- MAGNETOCARDIOGRAPHY
- MEASURING INSTRUMENTS
- RESPIROMETERS
- ∞ SENSORS
- SPHYGMOGRAPHY

BIOINSTRUMENTATION--(cont.)

- WILDLIFE RADIOLOCATION

BIOLOGICAL ACTIVITY

- USE ACTIVITY (BIOLOGY)

BIOLOGICAL ANALYSIS

- USE BIOASSAY

BIOLOGICAL CELLS

- USE CELLS (BIOLOGY)

BIOLOGICAL CLOCKS

- USE RHYTHM (BIOLOGY)

BIOLOGICAL EFFECTS

- GS BIOLOGICAL EFFECTS
- .. DESYNCHRONIZATION (BIOLOGY)
- .. JET LAG
- .. RELATIVE BIOLOGICAL
- EFFECTIVENESS (RBE)
- RT ACTIVITY (BIOLOGY)
- ATROPHY
- BIOASSAY
- ∞ BIOLOGY
- BIOMEDICAL DATA
- BONE DEMINERALIZATION
- BRAGG CURVE
- CHEMICAL EFFECTS
- DISORIENTATION
- DOSAGE
- ∞ EFFECTS
- FLIGHT STRESS (BIOLOGY)
- HUMAN REACTIONS
- ORBITING FROG OTOLITH
- PATHOLOGICAL EFFECTS
- PHYSIOLOGICAL EFFECTS
- PSYCHOLOGICAL EFFECTS
- RADIATION DOSAGE
- RADIATION EFFECTS
- SPACE ADAPTATION SYNDROME
- TEMPERATURE
- THERMAL POLLUTION

BIOLOGICAL EVOLUTION

- UF BIOGENESIS
- GS EVOLUTION (DEVELOPMENT)
- .. BIOLOGICAL EVOLUTION
- .. ABIOTIC GENESIS
- RT ARCHAEABACTERIA
- ∞ BIOLOGY
- CHEMICAL EVOLUTION
- EUKARYOTES
- GAIA HYPOTHESIS
- GENE EXPRESSION
- GENETICS
- LIFE SCIENCES
- MUTAGENS
- MUTATIONS
- PANSPERMIA
- PROKARYOTES
- PROTEIN SYNTHESIS
- PROTOBIOLOGY

BIOLOGICAL MODELS

- USE BIONICS

BIOLOGICAL MODELS (MATHEMATICS)

- GS MODELS
- .. MATHEMATICAL MODELS
- .. BIOLOGICAL MODELS
- (MATHEMATICS)
- RT BIODYNAMICS
- ∞ BIOLOGY
- BIONICS
- DIGITAL SIMULATION
- DYNAMIC MODELS

BIOLOGICAL RHYTHM

- USE RHYTHM (BIOLOGY)

∞ BIOLOGY

- SN (USE OF A MORE SPECIFIC TERM IS
- RECOMMENDED--CONSULT THE TERMS
- LISTED BELOW)
- RT ACTIVATION (BIOLOGY)
- ACTIVITY (BIOLOGY)
- ACTIVITY CYCLES (BIOLOGY)
- AEROBIOLOGY
- AEROSPACE MEDICINE
- AGING (BIOLOGY)
- AGRICULTURE
- ANATOMY
- ANIMALS

BIOLOGY--(cont.)

- BACTERIOLOGY
- BIFURCATION (BIOLOGY)
- BIOACOUSTICS
- BIOASSAY
- BIOASTRONAUTICS
- BIOCHEMICAL FUEL CELLS
- BIOCHEMICAL OXYGEN DEMAND
- BIOCHEMISTRY
- BIOCOMPATIBILITY
- BIOCONTROL SYSTEMS
- BIOCONVERSION
- BIODEGRADABILITY
- BIODEGRADATION
- BIODYNAMICS
- BIOELECTRIC POTENTIAL
- BIOELECTRICITY
- BIOENGINEERING
- BIOGENY
- BIOGEOCHEMISTRY
- BIOINSTRUMENTATION
- BIOLOGICAL EFFECTS
- BIOLOGICAL EVOLUTION
- BIOLOGICAL MODELS (MATHEMATICS)
- BIOLUMINESCENCE
- BIOMAGNETISM
- BIOMASS
- BIOMASS ENERGY PRODUCTION
- BIOMEDICAL DATA
- BIOMETEOROLOGY
- BIOMETRICS
- BIONICS
- BIOPHYSICS
- BIOREACTORS
- BIOSATELLITES
- BIOSPHERE
- BIOSYNTHESIS
- BIOTECHNOLOGY
- BIOTELEMETRY
- BODY COMPOSITION (BIOLOGY)
- BODY MEASUREMENT (BIOLOGY)
- BODY SIZE (BIOLOGY)
- BODY VOLUME (BIOLOGY)
- BONE DEMINERALIZATION
- BONE MINERAL CONTENT
- BOTANY
- CARBON CYCLE
- CELLS (BIOLOGY)
- COMPLEMENT (BIOLOGY)
- CYTOGENESIS
- CYTOLOGY
- DIFFERENTIATION (BIOLOGY)
- ECOLOGY
- EMBRYOLOGY
- EVOLUTION (DEVELOPMENT)
- EXOLOGY
- FATIGUE (BIOLOGY)
- FLIGHT STRESS (BIOLOGY)
- GENETIC ENGINEERING
- GENETICS
- HABITATS
- IMMUNOLOGY
- IMPLANTED ELECTRODES (BIOLOGY)
- INTERFERON
- LIFE SCIENCES
- MARINE BIOLOGY
- MEDICAL SCIENCE
- MICROBIOLOGY
- MOLECULAR BIOLOGY
- MORPHOLOGY
- NITROGEN METABOLISM
- PALEOBIOLOGY
- PROTOBIOLOGY
- RADIOBIOLOGY
- RELATIVE BIOLOGICAL EFFECTIVENESS
- (RBE)
- REPRODUCTION (BIOLOGY)
- RHYTHM (BIOLOGY)
- SCIENCE
- SKIN TEMPERATURE (BIOLOGY)
- ∞ STRESS (BIOLOGY)
- TISSUES (BIOLOGY)
- VETERINARY MEDICINE

BIOLUMINESCENCE

- GS EMISSION
- .. LIGHT EMISSION
- .. LUMINESCENCE
- .. BIOLOGICAL
- RT ∞ BIOLOGY
- PHOSPHORESCENCE

BIOMAGNETISM

- GS MAGNETIC FIELDS
- BIOMAGNETISM

BIOMAGNETISM--(cont.)

- MAGNETIC PROPERTIES
- . **BIOMAGNETISM**
- RT BIOELECTRICITY
- ∞ BIOLOGY
- BIOPHYSICS
- ELECTROMAGNETIC FIELDS
- ELECTROMAGNETIC INTERACTIONS
- RADIOBIOLOGY

BIOMASS

- GS WEIGHT (MASS)
- . **BIOMASS**
- RT ANIMALS
- ∞ BIOLOGY
- CARBON CYCLE
- ∞ DENSITY
- ORGANISMS
- PLANTS (BOTANY)
- POPULATIONS
- SILVICULTURE
- ∞ WEIGHT

BIOMASS ENERGY PRODUCTION

- GS ENERGY CONVERSION
- . **BIOMASS ENERGY PRODUCTION**
- RT BIOCONVERSION
- ∞ BIOLOGY
- BIOREACTORS
- ∞ CROPS
- ∞ ENERGY SOURCES
- ENERGY TECHNOLOGY
- HYDROCARBON FUEL PRODUCTION
- MANURES
- METHANATION
- VEGETATION
- WASTE UTILIZATION

BIOMECHANICS

- USE BIODYNAMICS

BIOMEDICAL DATA

- RT AEROSPACE MEDICINE
- BIOLOGICAL EFFECTS
- ∞ BIOLOGY
- BIOMETRICS
- BODY MEASUREMENT (BIOLOGY)
- CARDIOGRAMS
- ∞ DATA
- HEART RATE
- IMBLMS

BIOMEDICAL EXPERIMENT SCIENTIFIC SATELLITE

- USE BESS (SATELLITE)

BIOMETEOROLOGY

- UF BIOCLIMATOLOGY
- GS METEOROLOGY
- . **BIOMETEOROLOGY**
- RT ∞ BIOLOGY
- COASTAL ECOLOGY
- COASTAL PLAINS
- ECOLOGY
- MICROCLIMATOLOGY
- NIGHTGLOW
- PHENOLOGY

BIOMETRICS

- GS BIOENGINEERING
- . **BIOMETRICS**
- . . . BODY MEASUREMENT (BIOLOGY)
- . . . ANTHROPOMETRY
- . . . ELECTROPLETHYSMOGRAPHY
- . . . CARDIOGRAPHY
- . . . BALLISTOCARDIOGRAPHY
- . . . ELECTROCARDIOGRAPHY
- . . . MAGNETOCARDIOGRAPHY
- . . . PHONOCARDIOGRAPHY
- . . . ECHOCARDIOGRAPHY
- . . . SEISMOCARDIOGRAPHY
- . . . VECTORCARDIOGRAPHY
- . . . ECHOENCEPHALOGRAPHY
- . . . ELECTROENCEPHALOGRAPHY
- . . . ELECTROMYOGRAPHY
- . . . ELECTRONYSTAGMOGRAPHY
- . . . ELECTRORETINOGRAPHY
- . . . PLETHYSMOGRAPHY
- . . . ELECTROPLETHYSMOGRAPHY
- . . . RADIOCARDIOGRAPHY
- RT BIOINSTRUMENTATION
- ∞ BIOLOGY
- BIOMEDICAL DATA
- BONE MINERAL CONTENT
- ∞ ENGINEERING

BIOMETRICS--(cont.)

- ORBITING FROG OTOLITH
- PUPILLOMETRY
- STATISTICAL ANALYSIS
- ∞ STATISTICS

BIONICS

- UF BIOLOGICAL MODELS
- BIOSIMULATION
- RT ARTIFICIAL INTELLIGENCE
- AUTOMATA THEORY
- BIOCONTROL SYSTEMS
- BIOENGINEERING
- BIOINSTRUMENTATION
- BIOLOGICAL MODELS (MATHEMATICS)
- ∞ BIOLOGY
- CONTROL SYSTEMS DESIGN
- CYBERNETICS
- HUMAN FACTORS ENGINEERING
- MAN MACHINE SYSTEMS
- NEURISTORS
- RHEOELECTRICAL SIMULATION
- ROBOTS
- SIMULATION
- SYNCODERS
- SYSTEMS ENGINEERING

BIOPAKS

- GS SUPPORT SYSTEMS
- . LIFE SUPPORT SYSTEMS
- . . **BIOPAKS**
- RT BIOENGINEERING
- BIOSATELLITES
- ∞ CONTAINERS
- ENCLOSURES
- PORTABLE LIFE SUPPORT SYSTEMS
- PRESERVING

BIOPHYSICS

- GS **BIOPHYSICS**
- . HEALTH PHYSICS
- . . PUBLIC HEALTH
- RT BIODYNAMICS
- BIOENGINEERING
- ∞ BIOLOGY
- BIOMAGNETISM
- ∞ PHYSICS
- ∞ SCIENCE

BIOPOLYMER DENATURATION

- UF DENATURATION (BIOPOLYMERS)
- NUCLEIC ACID DENATURATION
- PROTEIN DENATURATION
- RT BIOPOLYMERS
- MOLECULAR STRUCTURE
- NUCLEIC ACIDS
- POLYMER CHEMISTRY
- PROTEINS

BIOPOLYMERS

- GS **BIOPOLYMERS**
- . NUCLEIC ACIDS
- . . DEOXYRIBONUCLEIC ACID
- . . RIBONUCLEIC ACIDS
- . . PROTEINS
- . . ALBUMINS
- . . ASPARTATES
- . . CALMODULIN
- . . ELASTIN
- . . ENZYMES
- . . . ALDOLASE
- . . . AMIDASE
- . . . CARBONIC ANHYDRASE
- . . . CATALASE
- . . . CHOLINESTERASE
- . . . CYTOCHROMES
- . . . HEXOKINASE
- . . . LYSOZYME
- . . . NUCLEASE
- . . . OXIDASE
- . . . PAPAIN
- . . . PEPSIN
- . . . PROTEASE
- . . . THROMBIN
- . . . TRYPSIN
- . . FIBRIN
- . . GLOBULINS
- . . . FIBRINOGEN
- . . . GAMMA GLOBULIN
- . . . HEMOGLOBIN
- . . . CARBOXYHEMOGLOBIN
- . . . OXYHEMOGLOBIN
- . . KERATINS
- . . LIPOPROTEINS
- . . MELANIN

BIOPOLYMERS--(cont.)

- . . MYOGLOBIN
- . . PROTEINIDS
- . . PROTHROMBIN
- . . PROTOPROTEINS
- RT BIOPOLYMER DENATURATION
- NUCLEOTIDES
- ∞ POLYMERS
- POLYNUCLEOTIDES
- POLYPEPTIDES

BIOPROCESSING

- RT AEROSPACE ENVIRONMENTS
- BIOCONVERSION
- BIOTECHNOLOGY
- ELECTROPHORESIS
- MICROGRAVITY
- ∞ MICROGRAVITY APPLICATIONS
- PHARMACOLOGY
- SPACE PROCESSING
- SPACEBORNE EXPERIMENTS
- WEIGHTLESSNESS

BIOREACTORS

- RT ∞ BIOLOGY
- BIOMASS ENERGY PRODUCTION
- BIOTECHNOLOGY

BIOREGENERATION

- USE REGENERATION (PHYSIOLOGY)

BIOREGENERATIVE LIFE SUPPORT SYSTEMS

- USE CLOSED ECOLOGICAL SYSTEMS

BIORHYTHMS

- USE RHYTHM (BIOLOGY)

BIOS PROJECT

- GS PROGRAMS
- . PROJECTS
- . . **BIOS PROJECT**

BIOSATELLITE 1

- GS ARTIFICIAL SATELLITES
- . BIOSATELLITES
- . . **BIOSATELLITE 1**
- RT BIOASTRONAUTICS

BIOSATELLITE 2

- GS ARTIFICIAL SATELLITES
- . BIOSATELLITES
- . . **BIOSATELLITE 2**
- RT BIOASTRONAUTICS

BIOSATELLITE 3

- GS ARTIFICIAL SATELLITES
- . BIOSATELLITES
- . . **BIOSATELLITE 3**
- RT ∞ ASTRONAUTICS
- BIOASTRONAUTICS

BIOSATELLITES

- SN (EXCLUDES MANNED SPACECRAFT)
- GS ARTIFICIAL SATELLITES
- . **BIOSATELLITES**
- . . BIOSATELLITE 1
- . . BIOSATELLITE 2
- . . BIOSATELLITE 3
- . . ORBITING FROG OTOLITH
- . . SPUTNIK 2 SATELLITE
- RT AEROSPACE ENVIRONMENTS
- ∞ BIOLOGY
- BIOPAKS
- ENVIRONMENTAL CONTROL
- EXTRATERRESTRIAL LIFE
- LIFE DETECTORS
- LIFE SUPPORT SYSTEMS
- MANNED SPACECRAFT
- SPACE CAPSULES
- ∞ SPACECRAFT

BIOSENSORS

- USE BIOINSTRUMENTATION

BIOSIMULATION

- USE BIONICS

BIOSPHERE

- RT ∞ BIOLOGY
- CHEMOSPHERE
- EARTH HYDROSPHERE
- FREE ATMOSPHERE
- GAIA HYPOTHESIS
- HOMOSPHERE

BIOSPHERE--(cont.)

INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM
LOWER ATMOSPHERE

BIOSYNTHESIS

RT ∞ BIOLOGY
CHEMICAL REACTIONS
GENETIC ENGINEERING
METABOLITES
PROTAGLANDINS
∞ SYNTHESIS
SYNTHETIC FOOD

BIOT METHOD

RT CALCULUS OF VARIATIONS
∞ METHODOLOGY

BIOT NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
BIOT NUMBER
RT HEAT TRANSFER
∞ NUMBERS

BIOTECHNOLOGY

GS TECHNOLOGIES
BIOTECHNOLOGY
RT ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
∞ BIOLOGY
BIOPROCESSING
BIOREACTORS
BLOOD PUMPS
HEART IMPLANTATION
MAN MACHINE SYSTEMS

BIOTELEMETRY

UF PHYSIOLOGICAL TELEMETRY
GS BIOENGINEERING
BIOINSTRUMENTATION
BIOTELEMETRY
TELECOMMUNICATION
TELEMETRY
BIOTELEMETRY
TRANSMISSION
SIGNAL TRANSMISSION
TELEMETRY
BIOTELEMETRY
RT ∞ BIOLOGY
COMMUNICATION EQUIPMENT
∞ ENGINEERING
ORBITING FROG OTOLITH
PNEUMOGRAPHY
WILDLIFE RADIOLOCATION

BIOTIN

UF VITAMIN B COMPLEX
GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
BIOTIN
VITAMINS
BIOTIN
RT DRUGS

BIOTITE

UF KIMBERLITE
GS MINERALS
MICA
BIOTITE

BIPHASE SHIFT KEYING

USE BINARY PHASE SHIFT KEYING

BIPLANES

RT ∞ AIRCRAFT
DUAL WING CONFIGURATIONS
LIGHT AIRCRAFT
MONOPLANES
TANDEM WING AIRCRAFT
UTILITY AIRCRAFT

BIPOLAR TRANSISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
BIPOLAR TRANSISTORS
RT BIPOLARITY
CARRIER INJECTION
EPITAXY
MAJORITY CARRIERS
MINORITY CARRIERS

BIPOLAR TRANSISTORS--(cont.)

N-P-N JUNCTIONS
SEMICONDUCTORS (MATERIALS)

BIPOLARITY

RT BIPOLAR TRANSISTORS
∞ POLARIZATION

BIPROPELLANTS

USE LIQUID ROCKET PROPELLANTS

BIRD-AIRCRAFT COLLISIONS

GS ACCIDENTS
BIRD-AIRCRAFT COLLISIONS
AIRCRAFT ACCIDENTS
BIRD-AIRCRAFT COLLISIONS
COLLISIONS
MIDAIR COLLISIONS
BIRD-AIRCRAFT COLLISIONS
RT ∞ AIRCRAFT
AIRCRAFT HAZARDS
BIRDS
FLIGHT HAZARDS

BIRDS

GS ANIMALS
VERTEBRATES
BIRDS
CHICKENS
PIGEONS
TURKEYS
WATERFOWL
RT AIRCRAFT HAZARDS
BIRD-AIRCRAFT COLLISIONS
EARTH RESOURCES
ENDANGERED SPECIES
FLIGHT HAZARDS
HOMEOTHERMS
PLUMAGE
WILDLIFE

BIREFRINGENCE

UF POCKELS EFFECT
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BIREFRINGENCE
KERR ELECTROOPTICAL EFFECT
REFRACTION
BIREFRINGENCE
KERR ELECTROOPTICAL EFFECT
RT ANISOTROPIC MEDIA
ANISOTROPY
BIREFRINGENT COATINGS
BIREFRINGENT FILTERS
CALCITE
ELECTRO-OPTICS
MOIRE EFFECTS
NONLINEAR OPTICS
PHOTOELASTICITY
POLARIZATION (WAVES)
REFLECTANCE
REFRACTIVITY
TEMPERATURE INVERSIONS
VOIGT EFFECT

BIREFRINGENT COATINGS

GS COATINGS
BIREFRINGENT COATINGS
RT ANISOTROPIC MEDIA
BIREFRINGENCE
BIREFRINGENT FILTERS
REFRACTIVITY

BIREFRINGENT FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
OPTICAL FILTERS
BIREFRINGENT FILTERS
RT BIREFRINGENCE
BIREFRINGENT COATINGS
∞ FILTERS
OPTICAL PROPERTIES
REFRACTIVITY

BIRKLAND CURRENTS

GS ELECTRIC CURRENT
FIELD ALIGNED CURRENTS
BIRKLAND CURRENTS
IONOSPHERIC CURRENTS
BIRKLAND CURRENTS
ELECTRICITY
ATMOSPHERIC ELECTRICITY
IONOSPHERIC CURRENTS
BIRKLAND CURRENTS
RT AURORAL ELECTROJETS
AURORAL ZONES

BIRKLAND CURRENTS--(cont.)

ELECTROJETS
GEOMAGNETISM
IONOSPHERIC DISTURBANCES
MAGNETIC DISTURBANCES
MAGNETIC STORMS

BIRTH

RT FERTILIZATION
FETUSES
PREGNANCY
REPRODUCTION (BIOLOGY)
REPRODUCTIVE SYSTEMS

BISMALEIMIDE

GS NITROGEN COMPOUNDS
AMIDES
POLYIMIDES
BISMALEIMIDE
IMIDES
BISMALEIMIDE
RT MATRIX MATERIALS
POLYIMIDE RESINS
POLYMER MATRIX COMPOSITES
RESIN MATRIX COMPOSITES
RESINS

BISMUTH

GS CHEMICAL ELEMENTS
BISMUTH
BISMUTH ISOTOPES
METALS
BISMUTH
BISMUTH ISOTOPES

BISMUTH ALLOYS

GS ALLOYS
BISMUTH ALLOYS
RT ANTIMONY ALLOYS
EUTECTIC ALLOYS
MAGNESIUM ALLOYS
TIN ALLOYS

BISMUTH COMPOUNDS

GS BISMUTH COMPOUNDS
BISMUTH OXIDES
BISMUTH SULFIDES
BISMUTH TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 5A COMPOUNDS
∞ METAL COMPOUNDS

BISMUTH ISOTOPES

UF BISMUTH 205
GS CHEMICAL ELEMENTS
BISMUTH
BISMUTH ISOTOPES
NUCLIDES
ISOTOPES
BISMUTH ISOTOPES
METALS
BISMUTH
BISMUTH ISOTOPES

BISMUTH OXIDES

GS BISMUTH COMPOUNDS
BISMUTH OXIDES
CHALCOGENIDES
OXIDES
METAL OXIDES
BISMUTH OXIDES
RT BSCCO SUPERCONDUCTORS

BISMUTH SULFIDES

GS BISMUTH COMPOUNDS
BISMUTH SULFIDES
CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
BISMUTH SULFIDES
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
BISMUTH SULFIDES

BISMUTH TELLURIDES

GS BISMUTH COMPOUNDS
BISMUTH TELLURIDES
CHALCOGENIDES
TELLURIDES
BISMUTH TELLURIDES
TELLURIUM COMPOUNDS
TELLURIDES
BISMUTH TELLURIDES

- BISMUTH 205**
USE BISMUTH ISOTOPES
- BISPHENOLS**
GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . PHENOLS
 . . . BISPHENOLS
- BISTABLE AMPLIFIERS**
USE FLIP-FLOPS
- BISTABLE CIRCUITS**
GS CIRCUITS
 . BISTABLE CIRCUITS
 . . FLIP-FLOPS
RT DIGITAL TECHNIQUES
 MULTIVIBRATORS
 TRIGGER CIRCUITS
- BISTATIC RADAR**
USE MULTISTATIC RADAR
- BISTATIC REFLECTIVITY**
RT BRIGHTNESS
 INCIDENT RADIATION
 REFLECTANCE
 SCATTERING
- BIT ERROR RATE**
GS RATES (PER TIME)
 . BIT ERROR RATE
RT BINARY CODES
 BINARY DATA
 BINARY DIGITS
 BIT SYNCHRONIZATION
 BITS
 ERROR ANALYSIS
 ERROR CORRECTING CODES
 ERROR DETECTION CODES
 ERROR SIGNALS
 PULSE COMMUNICATION
 REED-SOLOMON CODES
 SIGNAL TO NOISE RATIOS
 TRANSMISSION EFFICIENCY
 TRANSMISSION RATE
 (COMMUNICATIONS)
- BIT SYNCHRONIZATION**
GS SYNCHRONISM
 . BIT SYNCHRONIZATION
RT BIT ERROR RATE
 FREQUENCY SYNCHRONIZATION
- BITERNARY CODE**
RT ∞ CODES
 DIFFERENTIAL PULSE CODE
 MODULATION
 DIGITAL SYSTEMS
 PULSE CODE MODULATION
- BITS**
RT BINARY DIGITS
 BIT ERROR RATE
 DRILL BITS
- BITUMENS**
RT CARBON
 COAL
 COKE
 ∞ CONSTRUCTION MATERIALS
 LIGNITE
 ∞ MATERIALS
 SOLVENT REFINED COAL
- BIVARIATE ANALYSIS**
GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . . MULTIVARIATE STATISTICAL
 ANALYSIS
 . . . BIVARIATE ANALYSIS
RT CORRELATION
- BL LACERTAE OBJECTS**
GS CELESTIAL BODIES
 . BLAZARS
 . . BL LACERTAE OBJECTS
RT EXTRAGALACTIC RADIO SOURCES
 GALAXIES
 IRREGULAR GALAXIES
 LUMINOUS INTENSITY
 POLARIZATION (WAVES)
 RADIANT FLUX DENSITY
 RADIO SOURCES (ASTRONOMY)
- BLACK AND WHITE PHOTOGRAPHY**
GS IMAGERY
 . BLACK AND WHITE PHOTOGRAPHY
 PHOTOGRAPHY
RT . BLACK AND WHITE PHOTOGRAPHY
 ALL SKY PHOTOGRAPHY
 ASTRONOMICAL PHOTOGRAPHY
 AUTORADIOGRAPHY
 CHRONOPHOTOGRAPHY
 CINEMATOGRAPHY
 CLOUD PHOTOGRAPHY
 COLOR PHOTOGRAPHY
 ELECTRO-OPTICAL PHOTOGRAPHY
 ELECTRON PHOTOGRAPHY
 FRAME PHOTOGRAPHY
 INFRARED PHOTOGRAPHY
 LUNAR PHOTOGRAPHY
 PHOTOMICROGRAPHY
 PHOTORECONNAISSANCE
 RADAR PHOTOGRAPHY
 ROCKET-BORNE PHOTOGRAPHY
 SATELLITE-BORNE PHOTOGRAPHY
 SCHLIEREN PHOTOGRAPHY
 SHADOWGRAPH PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY
 SPECTROHELIOGRAPHS
 SPECTROPHOTOGRAPHY
 STEREOPHOTOGRAPHY
 ULTRAVIOLET PHOTOMETRY
 UROGRAPHY
- BLACK ARROW LAUNCH VEHICLE**
USE BLACK KNIGHT ROCKET VEHICLE
- BLACK BODY RADIATION**
GS ELECTROMAGNETIC RADIATION
 . THERMAL RADIATION
 . . BLACK BODY RADIATION
RT BRIGHTNESS DISTRIBUTION
 BRIGHTNESS TEMPERATURE
 EMISSIVITY
 HEAT RADIATORS
 HOHLRAUMS
 INFRARED RADIATION
 KIRCHHOFF LAW OF RADIATION
 LIGHT (VISIBLE RADIATION)
 NONGRAY ATMOSPHERES
 NONGRAY GAS
 PLANCKS CONSTANT
 RADIANCE
 ∞ RADIATION
 SUNLIGHT
 ULTRAVIOLET RADIATION
- BLACK BRANT SOUNDING ROCKETS**
GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING
 ROCKET
 . . . BLACK BRANT 2 SOUNDING
 ROCKET
 . . . BLACK BRANT 3 SOUNDING
 ROCKET
 . . . BLACK BRANT 4 SOUNDING
 ROCKET
 . . . BLACK BRANT 5 SOUNDING
 ROCKET
 . SOUNDING ROCKETS
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING
 ROCKET
 . . . BLACK BRANT 2 SOUNDING
 ROCKET
 . . . BLACK BRANT 3 SOUNDING
 ROCKET
 . . . BLACK BRANT 4 SOUNDING
 ROCKET
 . . . BLACK BRANT 5 SOUNDING
 ROCKET
RT SOLID PROPELLANT ROCKET ENGINES
- BLACK BRANT 1 SOUNDING ROCKET**
GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING
 ROCKET
 . SOUNDING ROCKETS
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING
 ROCKET
RT SOLID PROPELLANT ROCKET ENGINES
- BLACK BRANT 2 SOUNDING ROCKET**
GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 2 SOUNDING
 ROCKET
 . SOUNDING ROCKETS
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 2 SOUNDING
 ROCKET
RT SOLID PROPELLANT ROCKET ENGINES
- BLACK BRANT 3 SOUNDING ROCKET**
GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 3 SOUNDING
 ROCKET
 . SOUNDING ROCKETS
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 3 SOUNDING
 ROCKET
RT SOLID PROPELLANT ROCKET ENGINES
- BLACK BRANT 4 SOUNDING ROCKET**
GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 4 SOUNDING
 ROCKET
 . SOUNDING ROCKETS
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 4 SOUNDING
 ROCKET
RT SOLID PROPELLANT ROCKET ENGINES
- BLACK BRANT 5 SOUNDING ROCKET**
GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 5 SOUNDING
 ROCKET
 . SOUNDING ROCKETS
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 5 SOUNDING
 ROCKET
RT SOLID PROPELLANT ROCKET ENGINES
- BLACK HAWK ASSAULT HELICOPTER**
USE H-60 HELICOPTER
- BLACK HILLS (SD-WY)**
GS LANDFORMS
 . MOUNTAINS
 . . BLACK HILLS (SD-WY)
RT SOUTH DAKOTA
 WYOMING
- BLACK HOLES (ASTRONOMY)**
GS CELESTIAL BODIES
 . STARS
 . . BLACK HOLES (ASTRONOMY)
RT ACCRETION DISKS
 DEGENERATE MATTER
 EVENT HORIZON
 GRAVITATIONAL COLLAPSE
 GRAVITATIONAL LENSES
 MASSIVE STARS
 NAKED SINGULARITIES
 REISSNER-NORDSTROM SOLUTION
 SUPERNOVA REMNANTS
 WHITE HOLES (ASTRONOMY)
 X RAY BINARIES
- BLACK KNIGHT ROCKET VEHICLE**
UF BLACK ARROW LAUNCH VEHICLE
GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . BLACK KNIGHT ROCKET VEHICLE
 . . . SINGLE STAGE ROCKET VEHICLES
 . . . BLACK KNIGHT ROCKET VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
- BLACK SEA**
GS SEAS
 . BLACK SEA
RT BULGARIA
 ROMANIA
 TURKEY
 U.S.S.R.
- BLACKBIRD AIRCRAFT**
USE SR-71 AIRCRAFT

BLACKBURN B-103 AIRCRAFT
 USE BUCCANEER AIRCRAFT
∞ BLACKOUT

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT BLACKOUT (PHYSIOLOGY)
BLACKOUT (PROPAGATION)

BLACKOUT (PHYSIOLOGY)

- GS SYNCOPE
 . BLACKOUT (PHYSIOLOGY)
 . . BLACKOUT PREVENTION
 UNCONSCIOUSNESS
 . BLACKOUT (PHYSIOLOGY)
 . . BLACKOUT PREVENTION
 ACCELERATION TOLERANCE
- RT ∞ BLACKOUT
 ∞ COMA

BLACKOUT (PROPAGATION)

- UF IONOSPHERIC BLACKOUT
- GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . BLACKOUT (PROPAGATION)
 . . . POLAR RADIO BLACKOUT
- RT ATMOSPHERICS
 ∞ BLACKOUT
 ELECTROMAGNETIC FIELDS
 ELECTROMAGNETIC NOISE
 IONOSPHERIC DISTURBANCES
 PLASMA SHEATHS
 PLASMAS (PHYSICS)
 RADIATION EFFECTS
 RADIO COMMUNICATION
 REENTRY COMMUNICATION
 REENTRY EFFECTS
 SOLAR ACTIVITY EFFECTS
 X RAYS

BLACKOUT PREVENTION

- GS HUMAN PERFORMANCE
 . ASTRONAUT PERFORMANCE
 . . BLACKOUT PREVENTION
 SYNCOPE
 . BLACKOUT (PHYSIOLOGY)
 . . BLACKOUT PREVENTION
 UNCONSCIOUSNESS
 . BLACKOUT (PHYSIOLOGY)
 . . BLACKOUT PREVENTION
 ACCELERATION TOLERANCE
- RT ∞ COMA
 WEIGHTLESSNESS

BLADDER

- GS ANATOMY
 . GENITOURINARY SYSTEM
 . . BLADDER
- RT PROSTATE GLAND
 UROLOGY

BLADDERS (MECHANICS)

- USE DIAPHRAGMS (MECHANICS)

BLADE SLAP

- USE BLADE-VORTEX INTERACTION

BLADE SLAP NOISE

- UF HELICOPTER IMPULSIVE NOISE
- GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . AERODYNAMIC NOISE
 BLADE SLAP NOISE
 AIRCRAFT NOISE
 BLADE SLAP NOISE
- RT BLADE TIPS
 BLADE-VORTEX INTERACTION
 HELICOPTERS
 PROPELLER NOISE

BLADE TIPS

- GS TIPS
 . BLADE TIPS
- RT AIRFOIL PROFILES
 BLADE SLAP NOISE
 BLADE-VORTEX INTERACTION
 PROPELLER BLADES
 ROTARY WINGS
 ROTOR BLADES (TURBOMACHINERY)
 WING TIPS

BLADE-VORTEX INTERACTION

- UF BLADE SLAP
 VORTEX-BLADE INTERACTION
- RT AIRFOILS
 BLADE SLAP NOISE
 BLADE TIPS
 HELICOPTERS
 ∞ INTERACTIONS
 ROTARY WINGS
 VORTICES
 WING TIP VORTICES

∞ BLADES

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT AIRFOILS
 BLADES (CUTTERS)
 COMPRESSOR BLADES
 FINS
 HYDROFOILS
 PROPELLER BLADES
 RIMS
 ROTARY WINGS
 ROTOR BLADES (TURBOMACHINERY)
 STATOR BLADES
 TURBINE BLADES
 TURBOMACHINE BLADES
 VANES

BLADES (CUTTERS)

- GS CUTTERS
 . BLADES (CUTTERS)
 . . RAZOR BLADES
- RT ∞ BLADES

∞ BLANKETS

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT BEDDING EQUIPMENT
 BLANKETS (FISSION REACTORS)
 BLANKETS (FUSION REACTORS)
 CLOUD COVER
 CONTROLLED ATMOSPHERES
 SOLAR BLANKETS

BLANKETS (FISSION REACTORS)

- RT ∞ BLANKETS
 ∞ DAMPERS
 FISSION
 REACTOR DESIGN
 REACTOR MATERIALS

BLANKETS (FUSION REACTORS)

- RT ∞ BLANKETS
 FUSION REACTORS
 LIMITERS (FUSION REACTORS)
 MODERATORS
 REACTOR DESIGN
 REACTOR MATERIALS

∞ BLANKING

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT BLANKING (CUTTING)
 FORMING TECHNIQUES
 STAMPING

BLANKING (CUTTING)

- GS CUTTING
 . BLANKING (CUTTING)
 FORMING TECHNIQUES
 . PRESSING (FORMING)
 . . BLANKING (CUTTING)
- RT ∞ BLANKING
 LASER CUTTING
 SHEARING
 STAMPING

BLANKS

- RT AMMUNITION
 BRIQUETS
 FORMS (PAPER)
 PREFORMS

BLASIUS EQUATION

- GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . BLASIUS EQUATION
 FLOW EQUATIONS
 . BOUNDARY LAYER EQUATIONS

BLASIUS EQUATION--(cont.)

- RT . . BLASIUS EQUATION
 BOUNDARY LAYER FLOW
 ∞ EQUATIONS
 FALKNER-SKAN EQUATION
 FLAT PLATES
 PRANDTL-MEYER EXPANSION

BLASIUS FLOW

- GS FLUID FLOW
 . LAMINAR FLOW
 . . BLASIUS FLOW
 . . UNIFORM FLOW
 . . BLASIUS FLOW
- RT FLAT PLATES
 HEAD FLOW
 TOLLMIE-SCHLICHTING WAVES
 TURBULENT FLOW
 TWO DIMENSIONAL FLOW
 WEDGE FLOW

BLAST DEFLECTORS

- GS DEFLECTORS
 . BLAST DEFLECTORS
- RT BAFFLES
 DIVERTERS
 FLAME DEFLECTORS
 SHIELDING

BLAST LOADS

- GS AERODYNAMIC FORCES
 . AERODYNAMIC LOADS
 . . BLAST LOADS
 LOADS (FORCES)
 . DYNAMIC LOADS
 . . AERODYNAMIC LOADS
 . . . BLAST LOADS
 . . . TRANSIENT LOADS
 . . . SHOCK LOADS
 BLAST LOADS
- RT AERIAL EXPLOSIONS
 DYNAMIC PRESSURE
 EXPLOSIONS
 GUST LOADS
 IMPACT LOADS
 OVERPRESSURE
 PRESSURE
 PRESSURE PULSES
 RIEMANN WAVES
 SHOCK WAVES
 WAVE RESISTANCE

BLASTOFF

- USE ROCKET LAUNCHING

∞ BLASTS

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT EXHAUST GASES
 EXPLOSIONS
 JET BLAST EFFECTS
 SHOCK WAVES
 SOUND WAVES

BLATTIDAE

- USE COCKROACHES

BLAZARS

- GS CELESTIAL BODIES
 . BLAZARS
- RT . . BL LACERTAE OBJECTS
 ACCRETION DISKS
 ACTIVE GALACTIC NUCLEI
 ACTIVE GALAXIES
 DISK GALAXIES
 EXTRAGALACTIC RADIO SOURCES
 INFRARED ASTRONOMY
 QUASARS
 RADIO GALAXIES
 RADIO SOURCES (ASTRONOMY)
 SEYFERT GALAXIES

BLEACHING

- RT CHLORINATION
 CLEANING
 FADING

BLEED-OFF

- USE PRESSURE REDUCTION

∞ BLEEDING

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT BOUNDARY LAYER CONTROL
FLUID MECHANICS
HEMORRHAGES
PRESSURE REDUCTION

BLENDS

- USE MIXTURES

BLIGHT

- GS PLANT DISEASES
. BLIGHT
- RT ALFALFA
BACTERIA
BARLEY
BOTANY
CITRUS TREES
CORN
CROP GROWTH
CROP VIGOR
FUNGI
ORCHARDS
PARASITES
PARASITIC DISEASES
PLANTS (BOTANY)
RHIZOPUS
RUST FUNGI
VINEYARDS

BLIND LANDING

- GS LANDING
. BLIND LANDING
- RT AIRCRAFT LANDING
APPROACH INDICATORS
AUTOMATIC LANDING CONTROL
INSTRUMENT APPROACH
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS
LANDING INSTRUMENTS
NIGHT FLIGHTS (AIRCRAFT)

BLINDNESS

- GS BLINDNESS
. FLASH BLINDNESS
- RT BRAILLE
DISABILITIES
EYE DISEASES
OPTOMETRY
VISION

BLINDS

- RT SHIELDING
∞ SHUTTERS

BLINKING

- RT ASTRONOMICAL PHOTOMETRY
DISPLAY DEVICES
EYE MOVEMENTS
VISUAL PERCEPTION

∞ BLISTERS

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT INFECTIOUS DISEASES
INJURIES
MUCOCELES
PROTUBERANCES
RUPTURING
SKIN (ANATOMY)
VIRUSES

BLOCH BAND

- GS ENERGY BANDS
. BLOCH BAND
- RT ∞ BANDS
SUPERCONDUCTIVITY

BLOCK COPOLYMERS

- GS COPOLYMERS
. BLOCK COPOLYMERS
- RT COPOLYMERIZATION
POLYBUTADIENE
∞ POLYMERS
POLYSTYRENE

BLOCK DIAGRAMS

- GS DIAGRAMS
. BLOCK DIAGRAMS
- RT CHARTS
COMPUTER PROGRAMMING

BLOCK DIAGRAMS--(cont.)

- COMPUTER PROGRAMS
FLOW CHARTS
RESEARCH MANAGEMENT
SYSTEMS ANALYSIS

BLOCK ISLAND SOUND (RI)

- GS SOUNDS (TOPOGRAPHIC FEATURES)
. BLOCK ISLAND SOUND (RI)
- RT ATLANTIC OCEAN
RHODE ISLAND

BLOCKING

- UF OBSTRUCTING
- RT ∞ ARRESTERS
CLOSING
CLOSURES
CONSTRAINTS
CONSTRUCTIONS
CONTAINMENT
PLUGGING
PLUGS
PREVENTION
RETARDERS (DEVICES)
RETARDING
SEALING
SEALS (STOPPERS)
STOPPING

BLOCKS

- RT CUBES (MATHEMATICS)
PULLEYS
SLABS

BLOEDITE

- GS MINERALS
. BLOEDITE
- RT MAGNESIUM SULFATES
SODIUM COMPOUNDS
SULFUR COMPOUNDS

BLOOD

- GS BODY FLUIDS
. BLOOD
. . FIBRIN
. . FIBRINOGEN
. . THROMBIN
. . THROMBOPLASTIN
- RT ANEMIAS
BIOCOMPATIBILITY
BLOOD CELLS
BLOOD CIRCULATION
BLOOD COAGULATION
BLOOD FLOW
BLOOD GROUPS
BLOOD PLASMA
BLOOD PRESSURE
BLOOD PUMPS
BLOOD VESSELS
BLOOD VOLUME
BLOOD-BRAIN BARRIER
CAPILLARIES (ANATOMY)
CARBOXYHEMOGLOBIN TEST
CARDIOVASCULAR SYSTEM
COAGULATION
HEART
HEMATOCRIT
HEMATOPOIESIS
HEMOGLOBIN
HEMORRHAGES
HYPERCAPNIA
HYPOCAPNIA
OXIMETRY
RHESUS FACTOR
TRANSFUSION

BLOOD CELLS

- UF CORPUSCLES (BLOOD)
CELLS (BIOLOGY)
- GS . BLOOD CELLS
. . ERYTHROCYTES
. . RETICULOCYTES
. . HEMOCYTES
. . LEUKOCYTES
. . EOSINOPHILS
. . LYMPHOCYTES
- RT ANEMIAS
BLOOD
BLOOD PLASMA
HEMATOPOIESIS
HEMATOPOIETIC SYSTEM
HEMOGLOBIN

BLOOD CIRCULATION

- GS CIRCULATION

BLOOD CIRCULATION--(cont.)

- . BLOOD CIRCULATION
. . BRAIN CIRCULATION
. . CORONARY CIRCULATION
. . INTERCRANIAL CIRCULATION
. . OCULAR CIRCULATION
. . PERIPHERAL CIRCULATION
. . PULMONARY CIRCULATION
- RT ARTIFICIAL CARDIAC PACEMAKER
ARTIFICIAL HEART VALVES
BLOOD
BLOOD-BRAIN BARRIER
CARBOXYHEMOGLOBIN
CIRCULATORY SYSTEM
CYANOSIS
DIASTOLE
ELECTROPLETHYSMOGRAPHY
HEART FUNCTION
HEART IMPLANTATION
HEMATOCRIT
HEMODYNAMIC RESPONSES
HEMODYNAMICS
HYPERVOLEMIA
HYPOVOLEMIA
INTRAVASCULAR SYSTEM
ISCHEMIA
PHONOARTERIOGRAPHY
PHYSIOLOGY
RHEOENCEPHALOGRAPHY
RHEOMETERS
TOURNIQUETS

BLOOD COAGULATION

- GS COAGULATION
. BLOOD COAGULATION
- RT BLOOD
CLOTTING
FIBRIN
HEMOSTATICS
MYOCARDIAL INFARCTION
PLATELETS
THROMBIN
THROMBOCYTES
THROMBOPLASTIN
THROMBOSIS

BLOOD FLOW

- GS FLUID FLOW
. BLOOD FLOW
- RT BLOOD
CAPILLARY FLOW
DIASTOLE
HEMATOCRIT
HEMOPERFUSION
SYSTOLE
TOURNIQUETS

BLOOD GROUPS

- RT BLOOD
PLATELETS

BLOOD PLASMA

- RT BLOOD
BLOOD CELLS
BODY FLUIDS
ELECTROLYTE METABOLISM
HEMATOCRIT

BLOOD PRESSURE

- GS PRESSURE
. BLOOD PRESSURE
. . DIASTOLIC PRESSURE
. . HYPERTENSION
. . HYPOTENSION
. . LOWER BODY NEGATIVE PRESSURE
. . SYSTOLIC PRESSURE
- RT BIOFEEDBACK
BLOOD
DIASTOLE
HEART FUNCTION
HEMODYNAMIC RESPONSES
HEMOPERFUSION
MANOMETERS
OPHTHALMODYNAMOMETRY
ORTHOSTATIC TOLERANCE
SPHYGMOGRAPHY
SYSTOLE
∞ TENSION

BLOOD PUMPS

- GS MEDICAL EQUIPMENT
. BLOOD PUMPS
PUMPS
. BLOOD PUMPS
- RT ARTIFICIAL HEART VALVES

BLOOD VESSELS

BLOOD PUMPS--(cont.)

BIOTECHNOLOGY
BLOOD
CIRCULATORY SYSTEM
HEART
PULMONARY CIRCULATION

BLOOD VESSELS

GS ANATOMY
CIRCULATORY SYSTEM
CARDIOVASCULAR SYSTEM
BLOOD VESSELS
ARTERIES
AORTA
CAPILLARIES (ANATOMY)
GLOMERULUS
VEINS
RT BIFURCATION (BIOLOGY)
BLOOD
CAROTID SINUS BODY
CAROTID SINUS REFLEX
CATHETERIZATION
EMBOLISMS
ENDOTHELIUM
FAT EMBOLISMS
VASOCONSTRICTION
VASODILATION
VESSELS

BLOOD VOLUME

RT BLOOD
CARDIAC OUTPUT
CARDIOVASCULAR SYSTEM
CHRONIC CONDITIONS
CLINICAL MEDICINE
HEMATOCRIT
HEMATOPOIETIC SYSTEM
HEMODYNAMICS
HYPERVOLEMIA
HYPOVOLEMIA
STROKE VOLUME

BLOOD-BRAIN BARRIER

RT BARRIERS
BLOOD
BLOOD CIRCULATION
CENTRAL NERVOUS SYSTEM
NEURONS

BLOWDOWN WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
BLOWDOWN WIND TUNNELS
RT HOTSHOT WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY RESEARCH
LOW SPEED WIND TUNNELS
SUBSONIC WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

BLOWERS

RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
AIR DUCTS
BLOWING
CENTRIFUGAL COMPRESSORS
COMPRESSORS
COOLING SYSTEMS
DUCTED FANS
EXHAUST SYSTEMS
FANS
IMPELLERS
INJECTORS
MATERIALS HANDLING
MIXERS
NOZZLES
REFRIGERATING MACHINERY
SEALING
SPRAYERS
SUPERCHARGERS
TURBOMACHINERY
VENTILATION
VENTILATION FANS
VENTILATORS

BLOWING

GS BLOWING
SPANWISE BLOWING
UNDER SURFACE BLOWING
UPPER SURFACE BLOWING
RT AERATION
AGITATION
BLOWERS

BLOWING--(cont.)

BOUNDARY LAYER CONTROL
CIRCULATION
CIRCULATION CONTROL AIRFOILS
COMPRESSING
ENTRAINMENT
EXHAUSTING
FORCED CONVECTION
INJECTION
MIXING
PUMPING
SPRAYING
WIND (METEOROLOGY)

BLOWN FLAPS

USE EXTERNALLY BLOWN FLAPS

BLOWOFF (COMBUSTION)

USE FLAMEOUT

BLOWOUTS

RT FATIGUE LIFE
TIRES

BLUE GOOSE MISSILE

GS DECOYS
BLUE GOOSE MISSILE
MISSILES
SURFACE TO AIR MISSILES
BLUE GOOSE MISSILE
RT BOOSTER ROCKET ENGINES
COUNTERMEASURES
J-85 ENGINE
SOLID PROPELLANT ROCKET ENGINES

BLUE GREEN ALGAE

UF CYANOPHYTA
GS PLANTS (BOTANY)
ALGAE
BLUE GREEN ALGAE
ANABAENA
MICROCYSTIS
NOSTOC
THERMOPHILIC PLANTS
BLUE GREEN ALGAE
NOSTOC

BLUE SCOUT ROCKET VEHICLE

GS LAUNCH VEHICLES
BLUE SCOUT ROCKET VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
BLUE SCOUT ROCKET VEHICLE
RT ALGOL ENGINE
SOLID PROPELLANT ROCKET ENGINES
X-248 ENGINE
X-254 ENGINE
XM-33 ENGINE

BLUE STARS

GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
BLUE STARS
RT A STARS
B STARS
F STARS
O STARS

BLUE STEEL MISSILE

GS MISSILES
BLUE STEEL MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

BLUE STREAK LAUNCH VEHICLE

GS LAUNCH VEHICLES
BLUE STREAK LAUNCH VEHICLE
ROCKET VEHICLES
BLUE STREAK LAUNCH VEHICLE
RT ELDO LAUNCH VEHICLE
LIQUID PROPELLANT ROCKET ENGINES

BLUE STREAK MISSILE

GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
BLUE STREAK MISSILE
SURFACE TO SURFACE MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
BLUE STREAK MISSILE
ROCKET VEHICLES

NASA THESAURUS VOLUME 1

BLUE STREAK MISSILE--(cont.)

BLUE STREAK MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

BLUEPRINTS

GS DOCUMENTS
ENGINEERING DRAWINGS
BLUEPRINTS
DRAWINGS
ENGINEERING DRAWINGS
BLUEPRINTS
RT LAYOUTS
REPRODUCTION (COPYING)

BLUFF BODIES

RT BLUNT BODIES
BODIES
DUCTED BODIES
FOREBODIES
LIFTING BODIES
REENTRY VEHICLES
ROSKO PREDICTION

BLUFFS (LANDFORMS)

USE CLIFFS

BLUNT BODIES

RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
AXISYMMETRIC BODIES
BLUFF BODIES
BODIES
DUCTED BODIES
FOREBODIES
MISSILE BODIES
NOSE CONES
STAGNATION POINT
SYMMETRICAL BODIES

BLUNT LEADING EDGES

GS EDGES
LEADING EDGES
BLUNT LEADING EDGES
RT AIRFOILS
FOREBODIES
TRAILING EDGES

BLUNT TRAILING EDGES

GS EDGES
TRAILING EDGES
BLUNT TRAILING EDGES
RT AIRFOILS
CONTROL SURFACES
WINGS

BLURRING

RT ABERRATION
RESOLUTION
SPATIAL FILTERING

BMC

USE BONE MINERAL CONTENT

BMEWS

USE BALLISTIC MISSILE EARLY WARNING SYSTEM

BO-105 HELICOPTER

GS BOKOW AIRCRAFT
BO-105 HELICOPTER
PASSENGER AIRCRAFT
BO-105 HELICOPTER
UTILITY AIRCRAFT
BO-105 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
BO-105 HELICOPTER

BOARDS (PAPER)

UF FIBERBOARD
RT CONSTRUCTION MATERIALS
PAPER (MATERIAL)
PAPERS

BOATS

GS SURFACE VEHICLES
BOATS
LIFEBOATS
WATER VEHICLES
BOATS
LIFEBOATS
RT AMPHIBIOUS VEHICLES

BOATS--(cont.)

HARBORS
INFLATABLE STRUCTURES
KEELS
∞ MILITARY VEHICLES
RESEARCH VEHICLES
SHIPS
UNDERWATER VEHICLES

BOATTAILS

RT AFTERBODIES
SKIRTS
TAIL ASSEMBLIES

BOD

USE BIOCHEMICAL OXYGEN DEMAND

∞ BODIES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT AFTERBODIES
AXISYMMETRIC BODIES
BLUFF BODIES
BLUNT BODIES
BODIES OF REVOLUTION
CELESTIAL BODIES
CENTERBODIES
DUCTED BODIES
ELASTIC BODIES
FINNED BODIES
FLEXIBLE BODIES
FOREIGN BODIES
HERBIG-HARO OBJECTS
HUMAN BODY
LENTICULAR BODIES
LIFTING BODIES
MANEUVERABLE REENTRY BODIES
MISSILE BODIES
PLANFORMS
PLASTIC BODIES
PYRAMIDAL BODIES
REENTRY VEHICLES
ROTATING BODIES
SLENDER BODIES
SOLIDS
STREAMLINED BODIES
SYMMETRICAL BODIES
THREE DIMENSIONAL BODIES
TOWED BODIES
TWO DIMENSIONAL BODIES

BODIES OF REVOLUTION

GS SYMMETRICAL BODIES
∞ **BODIES OF REVOLUTION**
∞ CONICAL BODIES
∞ SLENDER CONES
∞ CYLINDRICAL BODIES
∞ ROTATING CYLINDERS
∞ PARABOLIC BODIES
∞ SPHERES
∞ CELESTIAL SPHERE
∞ CONCENTRIC SPHERES
∞ FALLING SPHERES
∞ POINCARÉ SPHERES
∞ ROTATING SPHERES
∞ TORUSES
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
AXES OF ROTATION
AXISYMMETRIC BODIES
∞ BODIES
CONES
DISKS (SHAPES)
ELLIPSOIDS
FINNED BODIES
GEOMETRY
∞ HEMISPHERES
HEMISPHERICAL SHELLS
OGIVES
∞ RINGS
SPHERICAL SHELLS
STREAMLINED BODIES

BODY CENTERED CUBIC LATTICES

UF BCC LATTICES
GS CRYSTAL LATTICES
CUBIC LATTICES
∞ **BODY CENTERED CUBIC LATTICES**
RT CLOSE PACKED LATTICES
CRYSTALS
FACE CENTERED CUBIC LATTICES

BODY COMPOSITION (BIOLOGY)

GS COMPOSITION (PROPERTY)

BODY COMPOSITION (BIOLOGY)--(cont.)

RT ∞ **BODY COMPOSITION (BIOLOGY)**
BIOLOGY
CHEMICAL COMPOSITION
EXOSKELETONS

BODY FLUIDS

GS **BODY FLUIDS**
BLOOD
FIBRIN
FIBRINOGEN
THROMBIN
THROMBOPLASTIN
CEREBROSPINAL FLUID
ENDOLYMPH
LYMPH
MUCUS
SALIVA
SWEAT
URINE
RT BLOOD PLASMA
DIURESIS
EDEMA
ELECTROLYTE METABOLISM
∞ FLUIDS
ISOTONICITY
LYSOZYME
MINERAL METABOLISM
OBESITY
PERSPIRATION
SECRETIONS
WATER
WATER BALANCE

BODY KINEMATICS

GS KINEMATICS
RT **BODY KINEMATICS**
ACCELERATION (PHYSICS)
ACCELERATION STRESSES
(PHYSIOLOGY)
KINETICS
PARTICLE THEORY
VELOCITY

BODY MEASUREMENT (BIOLOGY)

SN (LIMITED TO BIOLOGICAL
APPLICATIONS--FOR MEASUREMENT OF
NON-BIOLOGICAL BODIES USE SIZE
DETERMINATION)
GS BIOENGINEERING
BIOMETRICS
∞ **BODY MEASUREMENT (BIOLOGY)**
∞ ANTHROPOMETRY
∞ ELECTROPLETHYSMOGRAPHY
RT ∞ BIOLOGY
BIOMEDICAL DATA
ELECTROCARDIOGRAPHY
ELECTROENCEPHALOGRAPHY
ELECTROPHYSIOLOGY
∞ ENGINEERING
HUMAN BODY
HUMAN FACTORS ENGINEERING
OBESITY
SIZE DETERMINATION
∞ SIZING

BODY SIZE (BIOLOGY)

RT ANTHROPOMETRY
∞ BIOLOGY
OBESITY

BODY SWAY TEST

GS PHYSIOLOGICAL TESTS
RT **BODY SWAY TEST**
∞ EQUILIBRIUM
HEAD DOWN TILT
VERTICAL PERCEPTION
VESTIBULAR TESTS

BODY TEMPERATURE

SN (LIMITED TO TEMPERATURE OF
BIOLOGICAL BODIES)
GS TEMPERATURE
RT **BODY TEMPERATURE**
COLD TOLERANCE
FEVER
HEAT ACCLIMATIZATION
HEAT STROKE
HEAT TOLERANCE
HOMEOSTASIS
HOMEOTHERMS
HUMIDITY
HYPERTHERMIA
HYPOTHERMIA
PERSPIRATION

BODY TEMPERATURE--(cont.)

POIKILOthermia
SHIVERING
THERMORECEPTORS
THERMOREGULATION
VASOCONSTRICTION
VASODILATION

BODY TEMPERATURE (NON-BIOLOGICAL)

USE TEMPERATURE

BODY TEMPERATURE REGULATION

USE THERMOREGULATION

BODY VOLUME (BIOLOGY)

GS VOLUME
RT ∞ **BODY VOLUME (BIOLOGY)**
BIOLOGY
OBESITY

BODY WEIGHT

GS WEIGHT (MASS)
RT **BODY WEIGHT**
OBESITY
WEIGHTLESSNESS

BODY-WING AND TAIL CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
∞ CONFIGURATIONS
FUSELAGES
TAIL ASSEMBLIES
WINGS

BODY-WING CONFIGURATIONS

RT AERODYNAMIC CONFIGURATIONS
AIRFOILS
DROOPED AIRFOILS
GAW-2 AIRFOIL
WINGS

BOEING AIRCRAFT

UF VERTOL MILITARY HELICOPTERS
GS **BOEING AIRCRAFT**
B-47 AIRCRAFT
B-50 AIRCRAFT
B-52 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
BOEING 770 AIRCRAFT
C-135 AIRCRAFT
CH-21 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-62 HELICOPTER
E-3A AIRCRAFT
E-4A AIRCRAFT
H-25 HELICOPTER
RB-50 AIRCRAFT
V-22 AIRCRAFT
VZ-2 AIRCRAFT
X-20 AIRCRAFT
RT ∞ AIRCRAFT
AWACS AIRCRAFT
YC-14 AIRCRAFT

BOEING MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

BOEING 707 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 707 AIRCRAFT
COMMERCIAL AIRCRAFT
BOEING 707 AIRCRAFT
JET AIRCRAFT
TURBOFAN AIRCRAFT
BOEING 707 AIRCRAFT
MONOPLANES
BOEING 707 AIRCRAFT
PASSENGER AIRCRAFT
BOEING 707 AIRCRAFT
TRANSPORT AIRCRAFT
BOEING 707 AIRCRAFT
RT ∞ AIRCRAFT

BOEING 720 AIRCRAFT

GS BOEING AIRCRAFT
BOEING 720 AIRCRAFT
COMMERCIAL AIRCRAFT

BOEING 720 AIRCRAFT--(cont.)

. **BOEING 720 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **BOEING 720 AIRCRAFT**
 MONOPLANES
 . **BOEING 720 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 720 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 720 AIRCRAFT**
 RT ∞ AIRCRAFT

BOEING 727 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 727 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 727 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **BOEING 727 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 727 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 727 AIRCRAFT**
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT

BOEING 733 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 733 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 MONOPLANES
 . **BOEING 733 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 733 AIRCRAFT**
 RT ∞ AIRCRAFT
 VARIABLE SWEEP WINGS

BOEING 737 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 737 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 MONOPLANES
 . **BOEING 737 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 737 AIRCRAFT**
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT

BOEING 747 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 747 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 JET AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 747 AIRCRAFT**
 RT ∞ AIRCRAFT
 TURBOFAN ENGINES

BOEING 747B AIRCRAFT

USE E-4A AIRCRAFT

BOEING 757 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 757 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 757 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **BOEING 757 AIRCRAFT**
 MONOPLANES
 . **BOEING 757 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 757 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 757 AIRCRAFT**
 RT ∞ AIRCRAFT

BOEING 767 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 767 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 MONOPLANES
 . **BOEING 767 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 767 AIRCRAFT**
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT
 TURBOFAN ENGINES

BOEING 2707 AIRCRAFT

GS **BOEING AIRCRAFT**
 . **BOEING 2707 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . **BOEING 2707 AIRCRAFT**
 JET AIRCRAFT
 . **BOEING 2707 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **BOEING 2707 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . **BOEING 2707 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **BOEING 2707 AIRCRAFT**
 RT ∞ AIRCRAFT

BOGOLIUBOV THEORY

RT BBGKY HIERARCHY
 ∞ THEORIES

BOGS

USE MARSHLANDS

BOHR MAGNETON

GS CONSTANTS
 . **BOHR MAGNETON**
 RT ELECTRONS
 MAGNETIC MOMENTS

BOHR THEORY

GS THEORETICAL PHYSICS
 . QUANTUM THEORY
 . **BOHR THEORY**
 RT ELECTRON TRANSITIONS
 LINE SPECTRA
 ∞ THEORIES

BOILER PLATE

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . METAL PLATES
 . **BOILER PLATE**
 RT THICK WALLS

BOILERS

UF STEAM GENERATORS
 GS HEATING EQUIPMENT
 . **BOILERS**
 RT EXTERNAL COMBUSTION ENGINES
 FURNACES
 ∞ GENERATORS
 HEAT BALANCE
 PRESSURE VESSELS
 STEAM
 VAPORIZERS
 WASTE ENERGY UTILIZATION

BOILING

UF EBULLITION
 GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . **BOILING**
 . . . FILM BOILING
 . . . NUCLEATE BOILING
 . . . LEIDENFROST PHENOMENON
 RT EFFERESCENCE
 EVAPORATION
 EVOLUTION (LIBERATION)
 HEAT TRANSFER
 HEATING

BOILING WATER REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . . WATER COOLED REACTORS
 . . . **BOILING WATER REACTORS**
 EXPERIMENTAL BOILING WATER
 REACTORS
 HALDEN BOILING WATER
 REACTOR
 LOS ALAMOS WATER BOILER
 REACTOR
 PATHFINDER NUCLEAR REACTOR
 SPERT REACTORS
 RT NUCLEAR POWER REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS

BOLIDES

GS CELESTIAL BODIES
 . METEORIODS
 . **BOLIDES**
 . . . CYRILLID METEORIODS
 RT ATMOSPHERIC ENTRY
 ATMOSPHERIC HEATING
 ∞ FIREBALLS
 METEOR TRAILS
 METEORITES
 METEOROID SHOWERS
 PRIBRAM METEORITE

BOLIVIA

GS NATIONS
 . **BOLIVIA**
 RT SOUTH AMERICA

BOLKOW AIRCRAFT

GS **BOLKOW AIRCRAFT**
 . BO-105 HELICOPTER
 RT ∞ AIRCRAFT

BOLL WEEVILS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 COLEOPTERA
 **BOLL WEEVILS**
 RT BOLLWORMS
 COTTON
 INFESTATION

BOLLWORMS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **BOLLWORMS**
 LARVAE
 . **BOLLWORMS**
 RT BOLL WEEVILS
 CORN
 COTTON
 FRUITS
 INFESTATION
 MOTHS

BOLOGRAMS

USE BOLOMETERS

BOLOMETERS

UF BOLOGRAMS
 GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . **BOLOMETERS**
 RT DICKE RADIOMETERS
 ELECTRICAL MEASUREMENT
 HEAT MEASUREMENT
 INFRARED DETECTORS
 PHOTOMETERS
 POTENTIOMETERS (INSTRUMENTS)
 RADIATION PYROMETERS
 RADIOMETERS
 RESISTANCE THERMOMETERS
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING
 INSTRUMENTS
 X RAY DETECTORS

BOLTED JOINTS

GS JOINTS (JUNCTIONS)
 . **BOLTED JOINTS**
 RT BOLTS
 LAP JOINTS
 RIVETED JOINTS

BOLTS

- GS FASTENERS
 - . **BOLTS**
 - . . ROCK BOLTS
 - . . TIEBOLTS
- RT ANCHORS (FASTENERS)
- BOLTED JOINTS
- COUPLINGS
- HOLDERS
- NUTS (FASTENERS)
- SCREWS
- STUDS (STRUCTURAL MEMBERS)
- THREADS

BOLTZMANN DISTRIBUTION

- GS DISTRIBUTION (PROPERTY)
 - . **BOLTZMANN DISTRIBUTION**
- RT ATMOSPHERIC DENSITY
- ATMOSPHERIC DIFFUSION
- KINETIC THEORY
- STATISTICAL MECHANICS
- TWO FLUID MODELS

BOLTZMANN TRANSPORT EQUATION

- RT BBGKY HIERARCHY
- BGK MODEL
- CHAPMAN-ENSKOG THEORY
- ∞ EQUATIONS
 - FOKKER-PLANCK EQUATION
 - HYDRODYNAMIC EQUATIONS
 - KINETIC THEORY
 - PARTICLE DIFFUSION
 - STATISTICAL MECHANICS
 - TRANSPORT PROPERTIES
 - TRANSPORT THEORY

BOLTZMANN-VLASOV EQUATION

- RT ∞ EQUATIONS
 - HIGH TEMPERATURE PLASMAS
 - MAXWELL EQUATION
 - PARTIAL DIFFERENTIAL EQUATIONS
 - WAVE EQUATIONS

BOLZA PROBLEMS

- RT OPTIMIZATION
- ∞ PROBLEMS

BOMARC A MISSILE

- GS MISSILES
 - . SURFACE TO AIR MISSILES
 - . . BOMARC MISSILES
 - . . . **BOMARC A MISSILE**
- RT LIQUID PROPELLANT ROCKET ENGINES
- SOLID PROPELLANT ROCKET ENGINES

BOMARC B MISSILE

- GS MISSILES
 - . SURFACE TO AIR MISSILES
 - . . BOMARC MISSILES
 - . . . **BOMARC B MISSILE**
- RT LIQUID PROPELLANT ROCKET ENGINES
- SOLID PROPELLANT ROCKET ENGINES

BOMARC MISSILES

- GS MISSILES
 - . ANTIAIRCRAFT MISSILES
 - . . **BOMARC MISSILES**
 - . . SURFACE TO AIR MISSILES
 - . . . **BOMARC MISSILES**
 - . . . BOMARC A MISSILE
 - . . . BOMARC B MISSILE

BOMB CALORIMETERS

- GS MEASURING INSTRUMENTS
 - . CALORIMETERS
 - . . **BOMB CALORIMETERS**
- RT DROP CALORIMETERS
- FLAME CALORIMETERS
- HEAT MEASUREMENT
- HIGH TEMPERATURE TESTS
- TEMPERATURE MEASURING INSTRUMENTS

∞ BOMBARDMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ELECTRON BOMBARDMENT
- HYPERVELOCITY PROJECTILES
- IRRADIATION
- METEORITIC DAMAGE
- SPUTTERING

BOMBER AIRCRAFT

- GS ATTACK AIRCRAFT
 - . **BOMBER AIRCRAFT**
 - . . A-2 AIRCRAFT
 - . . A-3 AIRCRAFT
 - . . A-4 AIRCRAFT
 - . . A-5 AIRCRAFT
 - . . A-6 AIRCRAFT
 - . . B-1 AIRCRAFT
 - . . B-2 AIRCRAFT
 - . . B-26 AIRCRAFT
 - . . B-47 AIRCRAFT
 - . . B-50 AIRCRAFT
 - . . B-52 AIRCRAFT
 - . . B-57 AIRCRAFT
 - . . B-58 AIRCRAFT
 - . . B-66 AIRCRAFT
 - . . B-70 AIRCRAFT
 - . . F-100 AIRCRAFT
 - . . SHACKLETON BOMBER
 - . . VALIANT AIRCRAFT
 - . . VICTOR MK-1 AIRCRAFT
 - . . VULCAN AIRCRAFT
- RT ∞ AIRCRAFT
 - ANTISUBMARINE WARFARE AIRCRAFT
 - BOMBING EQUIPMENT
 - F-117A AIRCRAFT
 - JET AIRCRAFT
 - ∞ MILITARY AIRCRAFT
 - ∞ MILITARY AVIATION
 - RB-50 AIRCRAFT
 - TANKER AIRCRAFT
 - TRAINING AIRCRAFT
 - VAMPIRE MK 35 AIRCRAFT

BOMBING EQUIPMENT

- GS ONBOARD EQUIPMENT
 - . AIRCRAFT EQUIPMENT
 - . . **BOMBING EQUIPMENT**
- RT B-1 AIRCRAFT
- BOMBER AIRCRAFT
- BOMBS (ORDNANCE)
- ∞ EQUIPMENT
- FIRE CONTROL

∞ BOMBS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BOMBS (ORDNANCE)
- PRECISION GUIDED PROJECTILES
- PRESSURE GAGES
- SAMPLERS

BOMBS (ORDNANCE)

- GS EXPLOSIVE DEVICES
 - . **BOMBS (ORDNANCE)**
- RT AMMUNITION
- B-1 AIRCRAFT
- BOMBING EQUIPMENT
- ∞ BOMBS
 - EXPLOSIVES
 - INCENDIARY AMMUNITION
 - MISSILES
 - NUCLEAR WEAPONS
 - PROJECTILES
 - PYROTECHNICS
 - SHAPED CHARGES
 - TORPEDOES
 - WARHEADS

BOMBS (PRESSURE GAGES)

- USE PRESSURE GAGES

BOMBS (SAMPLERS)

- USE SAMPLERS

BONANZA AIRCRAFT

- USE C-35 AIRCRAFT

BOND GRAPHS

- GS CHARTS
 - . GRAPHS (CHARTS)
 - . . **BOND GRAPHS**
- RT CONTROL SYSTEMS DESIGN
- DIFFERENTIAL EQUATIONS
- DYNAMIC MODELS
- MATHEMATICAL MODELS
- ∞ MATHEMATICS
- ∞ NETWORKS
- ∞ SIMULATION
- SYSTEMS ANALYSIS
- SYSTEMS ENGINEERING

BONDED JOINTS

- UF BOND LINES
- GS JOINTS (JUNCTIONS)
 - . **BONDED JOINTS**
- RT ADHESIVE BONDING
- BONDING
- ROCKET ENGINE CASES
- ROCKET LININGS
- SOLDERED JOINTS
- SOLID PROPELLANT ROCKET ENGINES
- WELDED JOINTS

BONDING

- GS **BONDING**
 - . ADHESIVE BONDING
 - . AGGLUTINATION
 - . CERAMIC BONDING
 - . EXPLOSIVE WELDING
 - . INERTIA BONDING
 - . METAL BONDING
 - . . METAL-METAL BONDING
 - . REACTION BONDING
 - . RESIN BONDING
- RT ADHESION
- ADHESION TESTS
- BEAM LEADS
- BINDING
- BONDED JOINTS
- CEMENTATION
- CHEMICAL BONDS
- COHESION
- COLD WELDING
- DEBONDING (MATERIALS)
- DIFFUSION WELDING
- ∞ JOINING
- JOINTS (JUNCTIONS)
- LAMINATES
- LASER WELDING
- SEALING
- SOLDERING
- WELDING

BOND LINES

- USE BONDED JOINTS

BONDOC METEORITE

- GS CELESTIAL BODIES
 - . METEORITES
 - . . STONY METEORITES
 - . . . ACHONDRITES
 - **BONDOC METEORITE**

BONE DEMINERALIZATION

- GS DEMINERALIZING
 - . **BONE DEMINERALIZATION**
- DISEASES
- . **BONE DEMINERALIZATION**
- RT BIOLOGICAL EFFECTS
- ∞ BIOLOGY
- BONES
- OSTEOPOROSIS
- PHYSIOLOGICAL EFFECTS
- PHYSIOLOGY
- WEIGHTLESSNESS

BONE MARROW

- GS ANATOMY
 - . MUSCULOSKELETAL SYSTEM
 - . . CONNECTIVE TISSUE
 - . . . **BONE MARROW**
- RT BONES
- CANCER
- ERYTHROCYTES
- HEMATOPOIESIS
- HEMATOPOIETIC SYSTEM
- LEUKEMIAS
- LEUKOCYTES

BONE MINERAL CONTENT

- UF BMC
- GS CONTENT
 - . **BONE MINERAL CONTENT**
- RT BIOENGINEERING
- ∞ BIOLOGY
- BIOMETRICS
- BONES
- CALCIUM CARBONATES
- CALCIUM PHOSPHATES
- COLLAGENS
- MINERALS
- OSTEOPOROSIS

BONES

- GS ANATOMY
 - . MUSCULOSKELETAL SYSTEM

BONES--(cont.)

. . . **BONES**
 . . . FEMUR
 . . . PELVIS
 . . . SCAPULA
 . . . SKULL
 . . . CRANIUM
 . . . INTRACRANIAL CAVITY
 . . . MASTOIDS
 . . . SPINE
 . . . VERTEBRAE
 . . . STERNUM
 . . . TIBIA
 . . . ULNA
 RT ARTHRITIS
 BONE DEMINERALIZATION
 BONE MARROW
 BONE MINERAL CONTENT
 CALCIFICATION
 CARTILAGE
 CHIN
 CONNECTIVE TISSUE
 EXOSKELETONS
 JOINTS (ANATOMY)
 LAMELLA
 OSTEOPOROSIS
 SPINAL CORD
 SPLINTS

BONNE PROJECTION

RT MAPPING
 MAPS
 ∞ PROJECTION

BOOLEAN ALGEBRA

GS MATHEMATICAL LOGIC
 . LATTICES (MATHEMATICS)
 . . **BOOLEAN ALGEBRA**
 . . . BOOLEAN FUNCTIONS
 RT ALGEBRA
 ∞ CONJUNCTION
 INSTRUCTION SETS (COMPUTERS)
 ∞ LOGIC
 SET THEORY
 SWITCHING THEORY
 TRANSISTOR LOGIC
 ∞ UNIONS

BOOLEAN FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . **BOOLEAN FUNCTIONS**
 MATHEMATICAL LOGIC
 . LATTICES (MATHEMATICS)
 . . **BOOLEAN ALGEBRA**
 . . . **BOOLEAN FUNCTIONS**

∞ BOOM

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BOOMS (EQUIPMENT)
 SONIC BOOMS
 TAIL ASSEMBLIES

BOOMS (EQUIPMENT)

GS POSITIONING DEVICES (MACHINERY)
 . **BOOMS (EQUIPMENT)**
 RT ∞ BOOM
 CRANES

BOOST

USE ACCELERATION (PHYSICS)

BOOSTER RECOVERY

RT EXPENDABLE STAGES (SPACECRAFT)
 RECOVERABLE LAUNCH VEHICLES
 ∞ RECOVERY
 RECOVERY PARACHUTES
 SPACECRAFT RECOVERY

BOOSTER ROCKET ENGINES

UF ROCKET BOOSTERS
 GS ENGINES
 . ROCKET ENGINES
 . . **BOOSTER ROCKET ENGINES**
 . . . AJ-10 ENGINE
 . . . ALGOL ENGINE
 . . . APOGEE BOOST MOTORS
 . . . H-1 ENGINE
 . . . LR-87-AJ-5 ENGINE
 . . . M-1 ENGINE
 . . . M-55 ENGINE
 . . . MA-2 ENGINE
 . . . MA-3 ENGINE
 . . . MA-5 ENGINE

BOOSTER ROCKET ENGINES--(cont.)

. . . NIKE BOOSTER ROCKET ENGINES
 . . . P-1 ENGINE
 . . . ROCKET ENGINE 9KS-11000
 . . . SPACE SHUTTLE BOOSTERS
 . . . ADVANCED SOLID ROCKET
 MOTOR (STS)
 . . . X-405 ENGINE
 RT AIR BREATHING BOOSTERS
 BLUE GOOSE MISSILE
 ∞ BOOSTERS
 BURNOUT
 DUCTED ROCKET ENGINES
 EXPENDABLE STAGES (SPACECRAFT)
 F-1 ROCKET ENGINE
 HYBRID PROPELLANT ROCKET ENGINES
 INTERNAL COMBUSTION ENGINES
 LAUNCH VEHICLES
 LIFTOFF (LAUNCHING)
 LIQUID PROPELLANT ROCKET ENGINES
 MACE MISSILES
 NUCLEAR ENGINE FOR ROCKET
 VEHICLES
 NUCLEAR ROCKET ENGINES
 OXYGEN-HYDROCARBON ROCKET
 ENGINES
 RECOVERABLE SPACECRAFT
 SOLID PROPELLANT ROCKET ENGINES
 SPINNING SOLID UPPER STAGE
 STAGE SEPARATION
 SUSTAINER ROCKET ENGINES
 TURBOROCKET ENGINES
 TX-354 ENGINE

∞ BOOSTER ROCKETS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT LAUNCH VEHICLES

∞ BOOSTERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR BREATHING BOOSTERS
 AMPLIFIERS
 APOGEE BOOST MOTORS
 BOOSTER ROCKET ENGINES
 BOOSTERS (EXPLOSIVES)
 LAUNCH VEHICLES
 SCOUT PROJECT
 SPACE SHUTTLE BOOSTERS
 TITAN PROJECT

BOOSTERS (EXPLOSIVES)

GS EXPLOSIVE DEVICES
 . INITIATORS (EXPLOSIVES)
 . . **BOOSTERS (EXPLOSIVES)**
 IGNITERS
 . INITIATORS (EXPLOSIVES)
 . . **BOOSTERS (EXPLOSIVES)**
 RT ∞ BOOSTERS
 EXPLODING WIRES

BOOSTGLIDE VEHICLES

GS GLIDERS
 . **BOOSTGLIDE VEHICLES**
 . . X-20 AIRCRAFT
 REENTRY VEHICLES
 . **BOOSTGLIDE VEHICLES**
 . . X-20 AIRCRAFT
 RT AEROSPACE PLANES
 ∞ AIRCRAFT
 ASTRO VEHICLE
 GLIDING
 HYPERSONIC AIRCRAFT
 HYPERSONIC GLIDERS
 LIFTING REENTRY VEHICLES
 MANNED SPACECRAFT
 RECOVERABLE SPACECRAFT
 ROCKET PLANES
 ∞ VEHICLES

BOOTS (FOOTWEAR)

GS CLOTHING
 . **BOOTS (FOOTWEAR)**
 RT SHOES

BORAL

GS COMPOSITE MATERIALS
 . LAMINATES
 . . **BORAL**
 COMPOSITE STRUCTURES
 . LAMINATES
 . . **BORAL**

BORAL--(cont.)

RT ALUMINUM
 BORON CARBIDES
 RADIATION SHIELDING

BORANES

GS BORON COMPOUNDS
 . BORON HYDRIDES
 . . **BORANES**
 . . . CARBORANE
 . . . HYDRAZINE BORANE
 . . . PENTABORANES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . BORON HYDRIDES
 . . . **BORANES**
 . . . CARBORANE
 . . . HYDRAZINE BORANE
 . . . PENTABORANES
 RT BOROHYDRIDES

BORATES

GS BORON COMPOUNDS
 . **BORATES**
 . . LITHIUM BORATES
 RT BORIC ACIDS
 ∞ OXYGEN COMPOUNDS

BORAZON (TRADEMARK)

USE BORON NITRIDES

BORDERS

RT BOUNDARIES
 MARGINS
 RIMS

BORDONI PEAKS

RT ELASTIC DEFORMATION
 PLASTIC DEFORMATION
 RESONANT FREQUENCIES
 STRESS RELAXATION

BOREDOME

RT DETACHMENT
 HUMAN BEHAVIOR
 HUMAN REACTIONS
 LETHARGY
 MONOTONY
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGY
 SPACE FLIGHT STRESS

BOREHOLES

RT CAVITIES
 CLAYS
 DRILLING
 EXCAVATION
 EXPLORATION
 GEOLOGY
 GRAVELS
 ∞ HOLES
 MINERALS
 PITS (EXCAVATIONS)
 ROCKS
 SHALES
 SOILS

BOREL SETS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . MEASURE AND INTEGRATION
 . . . **BOREL SETS**
 MATHEMATICAL LOGIC
 . SET THEORY
 . . **BOREL SETS**
 RT PROBABILITY THEORY

BORES

USE CAVITIES

BORESCOPIES

USE ENDOSCOPES

BORESIGHT ERROR

GS ERRORS
 . POSITION ERRORS
 . . **BORESIGHT ERROR**
 RT AIR NAVIGATION
 BORESIGHTS
 DIRECTIONAL ANTENNAS
 DISPLACEMENT
 DISPLACEMENT MEASUREMENT
 ERROR ANALYSIS
 INSTRUMENT ERRORS

BORESIGHT ERROR--(cont.)
 LINE OF SIGHT COMMUNICATION
 NAVIGATION INSTRUMENTS
 OPTICAL TRACKING
 RANGE ERRORS

BORESIGHTS
 RT BORESIGHT ERROR
 DIRECTIONAL ANTENNAS
 OPTICAL TRACKING

BORIC ACIDS
 GS ACIDS
 . BORIC ACIDS
 BORON COMPOUNDS
 . BORIC ACIDS
 RT BORATES

BORIDES
 GS BORON COMPOUNDS
 . BORIDES
 . CHROMIUM BORIDES
 . TITANIUM BORIDES
 RT INTERMETALLICS

BORING MACHINES
 GS TOOLS
 . MACHINE TOOLS
 . BORING MACHINES
 RT DRILLS
 ∞ MACHINERY

BORN APPROXIMATION
 UF BORN-MAYER EQUATION
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . APPROXIMATION
 . BORN APPROXIMATION
 RT ∞ EQUATIONS
 QUANTUM MECHANICS
 SCATTERING CROSS SECTIONS

BORN-INFELD THEORY
 RT ELECTRODYNAMICS
 ELECTROSTATICS
 MAXWELL EQUATION
 NONLINEAR EQUATIONS
 ∞ THEORIES

BORN-MAYER EQUATION
 USE BORN APPROXIMATION

BORN-OPPENHEIMER APPROXIMATION
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . APPROXIMATION
 . BORN-OPPENHEIMER APPROXIMATION
 RT FRANK-CONDON PRINCIPLE

BOROHYDRIDES
 GS BORON COMPOUNDS
 . BOROHYDRIDES
 . ALUMINUM BOROHYDRIDES
 . BERYLLIUM BOROHYDRIDES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . BOROHYDRIDES
 . ALUMINUM BOROHYDRIDES
 . BERYLLIUM BOROHYDRIDES
 RT BORANES
 BORON HYDRIDES

BORON
 GS CHEMICAL ELEMENTS
 . METALLOIDS
 . BORON
 . BORON ISOTOPES
 . BORON 10
 RT BORON REINFORCED MATERIALS
 BORSIC (TRADENAME)

BORON ALLOYS
 GS ALLOYS
 . BORON ALLOYS
 RT METALLOIDS

BORON CARBIDES
 GS BORON COMPOUNDS
 . BORON CARBIDES
 CARBON COMPOUNDS
 . CARBIDES
 . BORON CARBIDES
 RT BORAL

BORON CARBIDES--(cont.)
 CERAMIC FIBERS

BORON CHLORIDES
 GS BORON COMPOUNDS
 . BORON CHLORIDES
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES
 . BORON CHLORIDES
 . HALIDES
 . CHLORIDES
 . BORON CHLORIDES

BORON COMPOUNDS
 GS BORON COMPOUNDS
 . BORATES
 . LITHIUM BORATES
 . BORIC ACIDS
 . BORIDES
 . CHROMIUM BORIDES
 . TITANIUM BORIDES
 . BOROHYDRIDES
 . ALUMINUM BOROHYDRIDES
 . BERYLLIUM BOROHYDRIDES
 . BORON CARBIDES
 . BORON CHLORIDES
 . BORON FLUORIDES
 . BORON HYDRIDES
 . ALUMINUM BOROHYDRIDES
 . BERYLLIUM BOROHYDRIDES
 . BORANES
 . CARBORANE
 . HYDRAZINE BORANE
 . PENTABORANES
 . BORON NITRIDES
 . BORON OXIDES
 . BORON PHOSPHIDES
 . DIBORANE
 . ORGANIC BORON COMPOUNDS
 . TOURMALINE
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 HIGH ENERGY FUELS
 METAL FUELS
 METAL PROPELLANTS

BORON FIBERS
 GS FIBERS
 . REINFORCING FIBERS
 . BORON FIBERS
 RT ALUMINUM BORON COMPOSITES
 BORSIC (TRADENAME)
 CARBON FIBERS
 COMPOSITE MATERIALS
 FIBER COMPOSITES
 FIBER ORIENTATION
 FIBER STRENGTH
 ∞ FILAMENTS
 GLASS FIBERS
 METAL MATRIX COMPOSITES
 POLYMER MATRIX COMPOSITES
 REINFORCED PLASTICS

BORON FLUORIDES
 UF BORON TRIFLUORIDE
 GS BORON COMPOUNDS
 . BORON FLUORIDES
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . BORON FLUORIDES
 . HALIDES
 . FLUORIDES
 . BORON FLUORIDES

BORON HYDRIDES
 GS BORON COMPOUNDS
 . BORON HYDRIDES
 . ALUMINUM BOROHYDRIDES
 . BERYLLIUM BOROHYDRIDES
 . BORANES
 . CARBORANE
 . HYDRAZINE BORANE
 . PENTABORANES
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . BORON HYDRIDES
 . ALUMINUM BOROHYDRIDES
 . BERYLLIUM BOROHYDRIDES
 . BORANES
 . CARBORANE
 . HYDRAZINE BORANE
 . PENTABORANES
 RT BOROHYDRIDES

BORON ISOTOPES
 GS CHEMICAL ELEMENTS
 . METALLOIDS
 . BORON
 . BORON ISOTOPES
 . BORON 10
 . NUCLIDES
 . ISOTOPES
 . BORON ISOTOPES
 . BORON 10

BORON NITRIDES
 UF BORAZON (TRADEMARK)
 GS BORON COMPOUNDS
 . BORON NITRIDES
 NITROGEN COMPOUNDS
 . NITRIDES
 . BORON NITRIDES

BORON OXIDES
 GS BORON COMPOUNDS
 . BORON OXIDES
 CHALCOGENIDES
 . OXIDES
 . BORON OXIDES

BORON PHOSPHIDES
 GS BORON COMPOUNDS
 . BORON PHOSPHIDES
 PHOSPHORUS COMPOUNDS
 . PHOSPHIDES
 . BORON PHOSPHIDES

BORON REINFORCED MATERIALS
 GS COMPOSITE MATERIALS
 . BORON REINFORCED MATERIALS
 . ALUMINUM BORON COMPOSITES
 . BORON-EPOXY COMPOSITES
 RT BORON
 CERAMIC MATRIX COMPOSITES
 EPOXY RESINS
 FIBER COMPOSITES
 FIBERS
 ∞ MATERIALS
 PLASTICS
 REINFORCED PLASTICS
 REINFORCING FIBERS

BORON TRIFLUORIDE
 USE BORON FLUORIDES

BORON 10
 GS CHEMICAL ELEMENTS
 . METALLOIDS
 . BORON
 . BORON ISOTOPES
 . BORON 10
 . NUCLIDES
 . ISOTOPES
 . BORON ISOTOPES
 . BORON 10

BORON-EPOXY COMPOSITES
 GS COMPOSITE MATERIALS
 . BORON REINFORCED MATERIALS
 . BORON-EPOXY COMPOSITES
 . POLYMER MATRIX COMPOSITES
 . EPOXY MATRIX COMPOSITES
 . BORON-EPOXY COMPOSITES
 . RESIN MATRIX COMPOSITES
 . BORON-EPOXY COMPOSITES
 RT AIRCRAFT STRUCTURES
 ∞ CHEMICAL COMPOUNDS
 COMPOSITE STRUCTURES
 EPOXY RESINS
 FIBER COMPOSITES
 LAMINATES
 PLASTIC AIRCRAFT STRUCTURES
 SPACECRAFT COMPONENTS
 SUPERHYBRID MATERIALS

BOROSILICATE GLASS
 UF PYREX (TRADEMARK)
 GS GLASS
 . BOROSILICATE GLASS
 RT GLASSWARE
 SILICON DIOXIDE

BORSIC (TRADENAME)
 GS COMPOSITE MATERIALS
 . METAL MATRIX COMPOSITES
 . BORSIC (TRADENAME)
 RT ALUMINUM
 BORON

BORSIC (TRADENAME)--(cont.)

BORON FIBERS
FIBER COMPOSITES
∞ MATERIALS
METAL FIBERS
METALS

BOSE GEOMETRY

GS GEOMETRY
BOSE GEOMETRY
RT EQUATIONS OF STATE

BOSE-CHAUDHURI-HOCQUENGHEM CODES

USE BCH CODES

BOSE-EINSTEIN STATISTICS

USE QUANTUM STATISTICS

BOSON FIELDS

RT FIELD THEORY (PHYSICS)
∞ FIELDS
MESONS

BOSONS

GS PARTICLES
ELEMENTARY PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS
XI HYPERONS
NUCLEAR PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS
XI HYPERONS
RT CHARGED PARTICLES
FERMI-DIRAC STATISTICS
QUANTUM STATISTICS
STRING THEORY
SUPERSYMMETRY

BOTANY

GS BOTANY
GEOBOTANY
RT AGRICULTURE
ALFALFA
BARLEY
BIOGEOCHEMISTRY
∞ BIOLOGY
BLIGHT
BROWN WAVE EFFECT
BRUSH (BOTANY)
CHAPARRAL
CITRUS TREES
CORN
FARM CROPS
FRUITS
GREEN WAVE EFFECT
HABITATS
HAY
LEGUMINOUS PLANTS
NIGELLA
OATS
PLANTS (BOTANY)
∞ SCIENCE
SILVICULTURE
SUGAR BEETS
SUGAR CANE
TOMATOES
VEGETATION GROWTH
VINEYARDS
∞ ZOOLOGY

BOTSWANA

GS NATIONS

BOTSWANA--(cont.)

BOTSWANA
RT AFRICA
REPUBLIC OF SOUTH AFRICA

BOTTLES

RT ∞ CONTAINERS
FLASKS
GLASSWARE
TANKS (CONTAINERS)

BOUGUER LAW

UF LAMBERT LAW
RT ABSORPTIVITY
BEER LAW
ELECTROMAGNETIC ABSORPTION
THERMOPLASTICITY

BOULES

GS CRYSTALS
BOULES
RT SINGLE CRYSTALS

BOUNDARIES

UF PERIPHERIES
GS BOUNDARIES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
JET BOUNDARIES
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
FREE BOUNDARIES
GRAIN BOUNDARIES
RT AIRSPACE
BORDERS
BOUNDARY CONDITIONS
CIRCUMFERENCES
CONTOUR SENSORS
DELINEATION
FENCES (BARRIERS)
INTERFACES
REGIONS

BOUNDARY CONDITIONS

GS CONDITIONS
BOUNDARY CONDITIONS
RT BOUNDARIES
BOUNDARY LAYERS
BOUNDARY VALUE PROBLEMS
VORTEX LATTICE METHOD

BOUNDARY DETECTION (IMAGERY)

USE EDGE DETECTION

BOUNDARY ELEMENT METHOD

GS STRESS ANALYSIS
BOUNDARY ELEMENT METHOD
RT APERTURES

BOUNDARY INTEGRAL METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
BOUNDARY INTEGRAL METHOD
PROCEDURES
BOUNDARY INTEGRAL METHOD
RT BOUNDARY VALUE PROBLEMS
∞ METHODOLOGY

BOUNDARY LAYER COMBUSTION

GS COMBUSTION
BOUNDARY LAYER COMBUSTION
RT BOUNDARY LAYERS
COMBUSTIBLE FLOW
CONVECTIVE HEAT TRANSFER
DIFFUSION FLAMES
FLAME PROPAGATION
LAMINAR BOUNDARY LAYER
REACTING FLOW

BOUNDARY LAYER CONTROL

UF LAMINAR FLOW CONTROL
GS BOUNDARY LAYER CONTROL
POROUS BOUNDARY LAYER CONTROL
RT AERODYNAMICS
AIRFOIL FENCES
∞ BLEEDING
BLOWING
BOUNDARY LAYERS
BUFFETING
CIRCULATION CONTROL AIRFOILS
∞ CONTROL
CONTROL SURFACES
DRAG DEVICES

BOUNDARY LAYER CONTROL--(cont.)

FLUID AMPLIFIERS
FLUTTER
JET CONTROL
LEADING EDGE SLATS
LIFT AUGMENTATION
LIFT DEVICES
RIBBLETS
SPOILERS
TURBULENCE
UPPER SURFACE BLOWN FLAPS
VACUUM
VORTEX GENERATORS
WING SLOTS
X-21 AIRCRAFT

BOUNDARY LAYER EQUATIONS

GS FLOW EQUATIONS
BOUNDARY LAYER EQUATIONS
BLASIUS EQUATION
RT BOUNDARY LAYERS
DIFFERENTIAL EQUATIONS
∞ EQUATIONS
FLOW THEORY

BOUNDARY LAYER FLOW

GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW
REATTACHED FLOW
SECONDARY FLOW
SEPARATED FLOW
BOUNDARY LAYER SEPARATION
RT AIR CURRENTS
ATMOSPHERIC BOUNDARY LAYER
BACKWARD FACING STEPS
BLASIUS EQUATION
CONVECTIVE HEAT TRANSFER
FLOW DISTRIBUTION
LIGHTHILL GAS MODEL
MAGNUS EFFECT
RECIRCULATIVE FLUID FLOW
REYNOLDS NUMBER
STAGNATION FLOW
STAGNATION POINT
TOLLMEN-SCHLICHTING WAVES
WALL FLOW

BOUNDARY LAYER NOISE

USE AERODYNAMIC NOISE
BOUNDARY LAYERS

BOUNDARY LAYER PLASMAS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
BOUNDARY LAYER PLASMAS
RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS
BOUNDARY LAYERS
HYPERSONIC REENTRY
PLASMA PHYSICS
PLASMA SHEATHS

BOUNDARY LAYER SEPARATION

UF BREAKAWAY
FLOW SEPARATION
LAMINAR BOUNDARY LAYER
SEPARATION
GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW
SEPARATED FLOW
BOUNDARY LAYER SEPARATION
RT AERODYNAMIC STALLING
AIRSPEED
ANGLE OF ATTACK
BOUNDARY LAYERS
CROCCO-LEE THEORY
∞ DIFFUSERS
FALKNER-SKAN EQUATION
FLOW DISTRIBUTION
INJECTION
KUTTA-JOUKOWSKI CONDITION
LIFT DRAG RATIO
REATTACHED FLOW
RECIRCULATIVE FLUID FLOW
REVERSED FLOW
ROTATING STALLS
∞ SEPARATION
STAGNATION FLOW
∞ STALLING
SWEEP ANGLE
VORTEX GENERATORS

BOUNDARY LAYER SEPARATION--(cont.)
ZERO LIFT**BOUNDARY LAYER STABILITY**

- GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . FLOW STABILITY
 **BOUNDARY LAYER STABILITY**
 . . . FLOW CHARACTERISTICS
 . . FLOW STABILITY
 . . . **BOUNDARY LAYER STABILITY**
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . FLOW STABILITY
 **BOUNDARY LAYER STABILITY**
- RT AERODYNAMIC STABILITY
 BACKWASH
 BOUNDARY LAYERS
 GOERTLER INSTABILITY
 REYNOLDS NUMBER

BOUNDARY LAYER TRANSITION

- RT AIR CURRENTS
 BOUNDARY LAYERS
 EKMAN LAYER
 GOERTLER INSTABILITY
 KNUDSEN FLOW
 LAMINAR BOUNDARY LAYER
 LAMINAR FLOW
 MOLECULAR FLOW
 REYNOLDS NUMBER
 THREE DIMENSIONAL BOUNDARY LAYER
 TOLLMIE-SCHLICHTING WAVES
 ∞ TRANSITION
 TRANSITION FLOW
 ∞ TRANSITION LAYERS
 TRANSITION POINTS
 TURBULENCE
 TURBULENT BOUNDARY LAYER
 TURBULENT FLOW

BOUNDARY LAYERS

- UF BOUNDARY LAYER NOISE
- GS **BOUNDARY LAYERS**
 . ATMOSPHERIC BOUNDARY LAYER
 . COMPRESSIBLE BOUNDARY LAYER
 . HYPERSONIC BOUNDARY LAYER
 . INCOMPRESSIBLE BOUNDARY LAYER
 . LAMINAR BOUNDARY LAYER
 . PLANETARY BOUNDARY LAYER
 . SUPERSONIC BOUNDARY LAYERS
 . THERMAL BOUNDARY LAYER
 . THREE DIMENSIONAL BOUNDARY LAYER
 . TURBULENT BOUNDARY LAYER
 . TWO DIMENSIONAL BOUNDARY LAYER
- RT BOUNDARY CONDITIONS
 BOUNDARY LAYER COMBUSTION
 BOUNDARY LAYER CONTROL
 BOUNDARY LAYER EQUATIONS
 BOUNDARY LAYER PLASMAS
 BOUNDARY LAYER SEPARATION
 BOUNDARY LAYER STABILITY
 BOUNDARY LAYER TRANSITION
 CROCCO METHOD
- ∞ DRAFT
 DRAG
 FLUID BOUNDARIES
 FLUID FLOW
 GAS-SOLID INTERFACES
- ∞ LAYERS
 LIQUID-LIQUID INTERFACES
 LIQUID-SOLID INTERFACES
 MIXING LAYERS (FLUIDS)
 PANEL METHOD (FLUID DYNAMICS)
 SHEAR LAYERS
 SURFACE LAYERS
 WALL PRESSURE

BOUNDARY LUBRICATION

- GS LUBRICATION
 . **BOUNDARY LUBRICATION**
- RT BEARINGS
 LUBRICANTS
 SQUEEZE FILMS
 WEAR RESISTANCE

BOUNDARY VALUE PROBLEMS

- UF INITIAL VALUE PROBLEMS
 POINT MATCHING METHOD
 (MATHEMATICS)
- GS **BOUNDARY VALUE PROBLEMS**
 . CAUCHY PROBLEM

BOUNDARY VALUE PROBLEMS--(cont.)

- . DIRICHLET PROBLEM
 . NEUMANN PROBLEM
- RT BESSEL FUNCTIONS
 BOUNDARY CONDITIONS
 BOUNDARY INTEGRAL METHOD
 COUNTER ROTATION
 CRANK-NICHOLSON METHOD
 DIFFERENTIAL EQUATIONS
 FINITE ELEMENT METHOD
 FINITE VOLUME METHOD
 HALF PLANES
 HALF SPACES
 HANKEL FUNCTIONS
 LAME FUNCTIONS
 MATHIEU FUNCTION
 MINIMAL SURFACES
 MONGE-AMPERE EQUATION
 OBSERVABILITY (SYSTEMS)
 ∞ PROBLEMS
 SOBOLEV SPACE
 THREE DIMENSIONAL BODIES

BOURDON TUBES

- GS TRANSDUCERS
 . PRESSURE SENSORS
 . **BOURDON TUBES**
- RT PRESSURE GAGES
 PRESSURE MEASUREMENT
- ∞ TUBES

BOUSSINESQ APPROXIMATION

- RT CONVECTION
 HEAT TRANSFER
 INCOMPRESSIBLE FLUIDS
 PERTURBATION THEORY
 THERMAL EXPANSION

BOW SHOCK WAVES

- USE SHOCK WAVES

BOW WAVES

- RT HYPERSONIC WAKES
 MACH CONES
 MAGNETOSHEATH
 SHOCK WAVES
 SURFACE WAVES

∞ BOWS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BENDING
 CAMBER
 FOREBODIES
 HEAVING

BOX BEAMS

- GS STRUCTURAL MEMBERS
 . BEAMS (SUPPORTS)
 . **BOX BEAMS**
- RT ∞ BOXES
 CANTILEVER BEAMS
 GIRDERS
 RECTANGULAR BEAMS

∞ BOXES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BOX BEAMS
 BOXES (CONTAINERS)

BOXES (CONTAINERS)

- RT ∞ BOXES
 ∞ BUCKETS
 CASES (CONTAINERS)
 ∞ CONTAINERS
 PACKAGES

BPSK

- USE BINARY PHASE SHIFT KEYING

BRACKETS

- RT ANCHORS (FASTENERS)
 FASTENERS
 FIXTURES
 HOLDERS
 MOUNTING

BRADYCARDIA

- GS RATES (PER TIME)
 . HEART RATE
 . **BRADYCARDIA**

BRADYCARDIA--(cont.)

- SIGNS AND SYMPTOMS
 . **BRADYCARDIA**
 RT HEART DISEASES

BRAGG ANGLE

- GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . **BRAGG ANGLE**
- RT CRYSTALLOGRAPHY
 DBR LASERS
 DIFFRACTION
 DIFFRACTION PATHS
 ELECTRON DIFFRACTION
 ISOTROPY
 ∞ ORIENTATION
 ∞ PHYSICAL PROPERTIES
 RADIOGRAPHY

BRAGG CELLS

- GS MODULATORS
 . **BRAGG CELLS**
- RT ACOUSTO-OPTICS
 AMPLITUDE MODULATION
 CRYSTAL OPTICS
 LIGHT BEAMS
 LIGHT MODULATION
 PHASE DEMODULATORS
 PHASE MODULATION
 ULTRASONIC LIGHT MODULATION

BRAGG CURVE

- RT BIOLOGICAL EFFECTS
 NUCLEAR REACTIONS
 PARTICLE INTERACTIONS
 RADIATION EFFECTS

BRAIDED COMPOSITES

- GS COMPOSITE MATERIALS
 . FIBER COMPOSITES
 . . **BRAIDED COMPOSITES**
- RT CARBON FIBER REINFORCED PLASTICS
 EPOXY MATRIX COMPOSITES
 GRAPHITE-EPOXY COMPOSITES
 REINFORCING FIBERS
 THREE DIMENSIONAL COMPOSITES
 WOVEN COMPOSITES

BRILLE

- RT BLINDNESS
 EMBOSGING

BRAIN

- GS ANATOMY
 . NERVOUS SYSTEM
 . . CENTRAL NERVOUS SYSTEM
 . . . **BRAIN**
 BRAIN STEM
 CEREBELLUM
 CEREBRAL VENTRICLES
 CEREBRUM
 CEREBRAL CORTEX
 OCCIPITAL LOBES
 DIENTENCEPHALON
 HYPOTHALAMUS
 PINEAL GLAND
 THALAMUS
 HIPPOCAMPUS
- RT ANGIOGRAPHY
 BRAIN CIRCULATION
 BRAIN DAMAGE
 CEREBROSPINAL FLUID
 ECHOENCEPHALOGRAPHY
 ELECTROENCEPHALOGRAPHY
 ENCEPHALITIS
 HEAD (ANATOMY)
 INTRACRANIAL PRESSURE
 NEUROGLIA
 NEUROLOGY
 PITUITARY GLAND
 PSYCHIATRY
 PSYCHOLOGY
 RHEOENCEPHALOGRAPHY
 SPINAL CORD

BRAIN CIRCULATION

- GS CIRCULATION
 . BLOOD CIRCULATION
 . . **BRAIN CIRCULATION**
- RT BRAIN
 RHEOENCEPHALOGRAPHY

BRAIN DAMAGE

GS INJURIES
 . **BRAIN DAMAGE**
 RT BRAIN

BRAIN STEM

GS ANATOMY
 . NERVOUS SYSTEM
 . . CENTRAL NERVOUS SYSTEM
 . . . BRAIN
 **BRAIN STEM**

∞ BRAKES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BRAKES (FOR ARRESTING MOTION)
 BRAKES (FORMING OR BENDING)

BRAKES (FOR ARRESTING MOTION)

UF DECELERATORS
 DRAGULATORS
 GS **BRAKES (FOR ARRESTING MOTION)**
 . AERODYNAMIC BRAKES
 . . BALLUTES
 . . DRAG CHUTES
 . . PARAVULCOONS
 . . SPLIT FLAPS
 . . WING FLAPS
 . . . LEADING EDGE FLAPS
 . . . LEADING EDGE SLATS
 . . . TRAILING EDGE FLAPS
 . . . VORTEX FLAPS
 . AIRCRAFT BRAKES
 . . SPLIT FLAPS
 . . WING FLAPS
 . . . LEADING EDGE SLATS
 . . . TRAILING EDGE FLAPS
 . WHEEL BRAKES
 RT ABORT APPARATUS
 ANTISKID DEVICES
 ∞ ARRESTERS
 ARRESTING GEAR
 ∞ BRAKES
 BRAKING
 CYLINDRICAL CHAMBERS
 DRAG DEVICES
 FLAPS (CONTROL SURFACES)
 LANDING GEAR
 NOSE WHEELS
 PARACHUTES
 RETARDERS (DEVICES)
 THRUST REVERSAL
 TOWED BODIES
 VEHICLE WHEELS
 WHEELS

BRAKES (FORMING OR BENDING)

RT ∞ BRAKES
 METAL WORKING

BRAKING

RT BRAKES (FOR ARRESTING MOTION)
 DECELERATION
 EDDY CURRENTS
 RETARDERS (DEVICES)
 RETARDING
 THRUST REVERSAL

BRANCHING (MATHEMATICS)

UF BIFURCATION (MATHEMATICS)
 GS **BRANCHING (MATHEMATICS)**
 . PERIOD DOUBLING
 RT CHAOS
 FUNCTIONS (MATHEMATICS)
 ∞ LOGIC
 MATHEMATICAL LOGIC
 SET THEORY
 SWITCHING THEORY

BRANCHING (PHYSICS)

RT BIFURCATION (BIOLOGY)
 ∞ PHYSICS

BRASSES

GS ALLOYS
 . COPPER ALLOYS
 . . **BRASSES**

BRAVAIS CRYSTALS

GS CRYSTALS
 . **BRAVAIS CRYSTALS**
 RT CRYSTAL GROWTH
 CRYSTAL LATTICES

BRAVAIS CRYSTALS--(cont.)

CRYSTAL STRUCTURE
 PACKING DENSITY
 SINGLE CRYSTALS

BRAYTON CYCLE

GS CYCLES
 . THERMODYNAMIC CYCLES
 . . **BRAYTON CYCLE**
 RT GAS TURBINE ENGINES
 GAS TURBINES
 RANKINE CYCLE
 SOLAR DYNAMIC POWER SYSTEMS

BRAZIL

GS NATIONS
 . **BRAZIL**
 RT AMAZON REGION (SOUTH AMERICA)
 BRAZILIAN SPACE PROGRAM
 SOUTH AMERICA

BRAZILIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . **BRAZILIAN SPACE PROGRAM**
 RT BRAZIL

BRAZING

GS WELDING
 . FUSION WELDING
 . . GAS WELDING
 . . . **BRAZING**
 LOW TEMPERATURE BRAZING
 RT FLUXES
 ∞ JOINING
 METAL BONDING
 SEALING
 SOLDERING
 ULTRASONIC SOLDERING

BRAZZAVILLE

USE CONGO (BRAZZAVILLE)

BREADBOARD MODELS

GS MODELS
 . **BREADBOARD MODELS**
 RT CIRCUITS
 PRINTED CIRCUITS
 PRODUCT DEVELOPMENT
 PROTOTYPES

BREAKAWAY

USE BOUNDARY LAYER SEPARATION

∞ BREAKDOWN

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT TERMS
 LISTED BELOW)*
 RT CLASSIFICATIONS
 ELECTRICAL FAULTS
 FAILURE
 GAPS
 METAL WORKING
 SYSTEM FAILURES

BREAKERS (ELECTRIC)

USE CIRCUIT BREAKERS

BREAKING

RT DESTRUCTION
 FRAGMENTATION
 ∞ SEPARATION

BREAKUP (SPACECRAFT)

USE SPACECRAFT BREAKUP

BREAKWATERS

UF JETTIES
 SEA WALLS
 RT CONCRETE STRUCTURES
 HARBORS
 LITTORAL DRIFT
 LITTORAL TRANSPORT
 OCEANOGRAPHY
 STRUCTURAL DESIGN
 ∞ STRUCTURES
 UNDERWATER ENGINEERING
 UNDERWATER STRUCTURES
 WATER WAVES
 ∞ WAVES

∞ BREATHING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARGON-OXYGEN ATMOSPHERES
 BREATHING APPARATUS
 BREATHING VIBRATION
 EMERGENCY BREATHING TECHNIQUES
 EXPIRATION
 HELIUM-OXYGEN ATMOSPHERES
 HIGH ALTITUDE BREATHING
 HYPERCAPNIA
 HYPERPNEA
 OXYGEN BREATHING
 RESPIRATION
 RESPIRATORY REFLEXES

BREATHING APPARATUS

GS **BREATHING APPARATUS**
 . OXYGEN MASKS
 . UNDERWATER BREATHING
 APPARATUS
 RT ∞ BREATHING
 ∞ EQUIPMENT
 FIRE FIGHTING
 LIFE SUPPORT SYSTEMS
 OXYGEN SUPPLY EQUIPMENT
 PORTABLE LIFE SUPPORT SYSTEMS
 RESPIRATORS

BREATHING VIBRATION

GS VIBRATION
 . STRUCTURAL VIBRATION
 . . **BREATHING VIBRATION**
 RT BENDING VIBRATION
 ∞ BREATHING
 EXHAUSTING
 MISSILE VIBRATION
 VENTING

BRECCIA

GS ROCKS
 . **BRECCIA**
 RT ATAXITE
 IGNEOUS ROCKS
 REGOLITH
 SEDIMENTARY ROCKS
 SOILS

BREEDER REACTORS

GS NUCLEAR REACTORS
 . **BREEDER REACTORS**
 . . EXPERIMENTAL BREEDER REACTOR
 1
 . . EXPERIMENTAL BREEDER REACTOR
 2
 . . LIGHT WATER BREEDER REACTORS
 . . LIQUID METAL FAST BREEDER
 REACTORS
 RT ENRICO FERMI ATOMIC POWER PLANT
 NUCLEAR POWER REACTORS

BREEDING (REPRODUCTION)

RT FERTILITY
 GENETICS
 HEREDITY
 REPRODUCTION (BIOLOGY)

BREGUET AIRCRAFT

GS **BREGUET AIRCRAFT**
 . BREGUET 940 AIRCRAFT
 . BREGUET 941 AIRCRAFT
 . BREGUET 1150 AIRCRAFT
 RT ∞ AIRCRAFT
 JAGUAR AIRCRAFT

BREGUET 940 AIRCRAFT

GS BREGUET AIRCRAFT
 . **BREGUET 940 AIRCRAFT**
 MONOPLANES
 . **BREGUET 940 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **BREGUET 940 AIRCRAFT**
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . **BREGUET 940 AIRCRAFT**
 RT ∞ AIRCRAFT

BREGUET 941 AIRCRAFT

GS BREGUET AIRCRAFT
 . **BREGUET 941 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . **BREGUET 941 AIRCRAFT**
 MONOPLANES

BREGUET 941 AIRCRAFT--(cont.)

. **BREGUET 941 AIRCRAFT**
PASSENGER AIRCRAFT
. **BREGUET 941 AIRCRAFT**
TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. **BREGUET 941 AIRCRAFT**
V/STOL AIRCRAFT
. SHORT TAKEOFF AIRCRAFT
. **BREGUET 941 AIRCRAFT**

RT ∞ AIRCRAFT

BREGUET 1150 AIRCRAFT

UF ATLANTIC AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
. **BREGUET 1150 AIRCRAFT**
ATTACK AIRCRAFT
. **BREGUET 1150 AIRCRAFT**
BREGUET AIRCRAFT
. **BREGUET 1150 AIRCRAFT**
JET AIRCRAFT
. TURBOPROP AIRCRAFT
. **BREGUET 1150 AIRCRAFT**
MONOPLANES
. **BREGUET 1150 AIRCRAFT**
OBSERVATION AIRCRAFT
. **BREGUET 1150 AIRCRAFT**
RECONNAISSANCE AIRCRAFT
. **BREGUET 1150 AIRCRAFT**

RT ∞ AIRCRAFT

BREMSSTRAHLUNG

GS ELECTROMAGNETIC RADIATION
. **BREMSSTRAHLUNG**
CERENKOV RADIATION
DIFFRACTION RADIATION
ELECTRON PHOTON CASCADES
ELECTRON RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAY BURSTS
GAMMA RAYS
NUCLEAR RADIATION
RELATIVISTIC PLASMAS
SYNCHROTRON RADIATION
X RAYS

BREWSTER ANGLE

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. ANGLES (GEOMETRY)
. **BREWSTER ANGLE**
RT POLARIZATION CHARACTERISTICS
REFLECTION
REFRACTIVITY

BRICKS

GS MASONRY
. **BRICKS**
RT CEMENTS
CERAMICS
CLAYS
∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)

∞ BRIDGES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BRIDGES (LANDFORMS)
BRIDGES (STRUCTURES)
ELECTRIC BRIDGES
LIQUID BRIDGES

BRIDGES (LANDFORMS)

GS LANDFORMS
. **BRIDGES (LANDFORMS)**
RT ∞ BRIDGES
GEOLOGY
∞ RIDGES

BRIDGES (STRUCTURES)

RT ∞ BRIDGES
CONSTRUCTION
CONSTRUCTION INDUSTRY
CROSSINGS
CROSSOVERS
HIGHWAYS
RAMPS (STRUCTURES)
∞ STRUCTURES
TOWERS

BRIDGMAN METHOD

RT CRYSTAL GROWTH
∞ METHODOLOGY
SINGLE CRYSTALS

BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. **BRIGHTNESS**
RT BISTATIC REFLECTIVITY
BRIGHTNESS DISTRIBUTION
COLOR
DIMMING
EMISSIVITY
FLUX (RATE)
GLARE
HUMAN FACTORS ENGINEERING
ILLUMINANCE
ILLUMINATING
INCANDESCENCE
∞ INTENSITY
LIGHT (VISIBLE RADIATION)
LIMB BRIGHTENING
LUMINANCE
LUMINESCENCE
LUMINOSITY
LUMINOUS INTENSITY
LUSTER
RADIANCE
RADIANT FLUX DENSITY
REFLECTANCE
SKY BRIGHTNESS
STELLAR LUMINOSITY
VISIBILITY
VISION

BRIGHTNESS DISCRIMINATION

GS DISCRIMINATION
. SENSORY DISCRIMINATION
. **BRIGHTNESS DISCRIMINATION**
RT ∞ ILLUMINATION
VISUAL PERCEPTION

BRIGHTNESS DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
. **BRIGHTNESS DISTRIBUTION**
ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. **BRIGHTNESS DISTRIBUTION**
STATISTICAL DISTRIBUTIONS
. **BRIGHTNESS DISTRIBUTION**
RT ASTROPHYSICS
BLACK BODY RADIATION
BRIGHTNESS
BRIGHTNESS TEMPERATURE
∞ DISTRIBUTION
GALACTIC RADIATION
PHOTOGRAPHY
RADIANT FLUX DENSITY
RADIO ASTRONOMY
SOLAR GRANULATION
STELLAR LUMINOSITY

BRIGHTNESS TEMPERATURE

GS TEMPERATURE
. **BRIGHTNESS TEMPERATURE**
RT ASTROPHYSICS
BLACK BODY RADIATION
BRIGHTNESS DISTRIBUTION
LIMB BRIGHTENING
METEOROLOGY
PHOTOGRAPHY
RADIO ASTRONOMY
TEMPERATURE MEASUREMENT

BRILLOUIN EFFECT

RT ∞ EFFECTS
FREQUENCY SHIFT
LIGHT SCATTERING
MONOCHROMATIC RADIATION

BRILLOUIN FLOW

GS ELECTRIC CURRENT
. **BRILLOUIN FLOW**
RT BEAM CURRENTS
ELECTRON BEAMS
ELECTRON OPTICS
∞ FLOW
TRAVELING WAVE TUBES

BRILLOUIN ZONES

GS REGIONS
. **BRILLOUIN ZONES**
RT BAND STRUCTURE OF SOLIDS
CONDUCTION BANDS
CRYSTAL LATTICES
FERMI SURFACES
FREE ELECTRONS

BRILLOUIN-WIGNER EQUATION

RT ∞ EQUATIONS

BRINES

RT COOLANTS
REFRIGERANTS
SALINITY
SALT BATHS
SALT BEDS
SEA WATER

BRIQUETS

RT BLANKS
PELLETS
TABLETS

BRISTOL-SIDDELEY BS 53 ENGINE

UF PEGASUS ENGINE
GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. TURBOFAN ENGINES
. **BRISTOL-SIDDELEY BS 53 ENGINE**
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. TURBOFAN ENGINES
. **BRISTOL-SIDDELEY BS 53 ENGINE**
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. TURBOFAN ENGINES
. **BRISTOL-SIDDELEY BS 53 ENGINE**
RT P-1127 AIRCRAFT

BRISTOL-SIDDELEY OLYMPUS 593 ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **BRISTOL-SIDDELEY OLYMPUS 593 ENGINE**
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **BRISTOL-SIDDELEY OLYMPUS 593 ENGINE**
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **BRISTOL-SIDDELEY OLYMPUS 593 ENGINE**

BRISTOL-SIDDELEY VIPER ENGINE

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **BRISTOL-SIDDELEY VIPER ENGINE**
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **BRISTOL-SIDDELEY VIPER ENGINE**
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **BRISTOL-SIDDELEY VIPER ENGINE**

BRITISH AIRCRAFT CORP AIRCRAFT

USE BAC AIRCRAFT

BRITISH COLUMBIA

GS NATIONS
. CANADA
. **BRITISH COLUMBIA**

BRITISH GUINEA

USE GUYANA

BRITISH HONDURAS
USE BELIZE

BRITTLE MATERIALS

RT CLEAVAGE
CRACKING (FRACTURING)
EMBRITTEMENT
FRACTURE STRENGTH
GRANULAR MATERIALS
HARDNESS
IMPACT STRENGTH
∞ MATERIALS
POROUS MATERIALS

BRITTLENESS

GS MECHANICAL PROPERTIES
BRITTLENESS
RT CHARPY IMPACT TEST
CLEAVAGE
COLD HARDENING
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
CRACKING (FRACTURING)
DUCTILITY
EMBRITTEMENT
FRACTOGRAPHY
FRACTURE STRENGTH
FRACTURING
HARDNESS
IMPACT STRENGTH
IMPACT TESTS
NOTCH STRENGTH
NOTCH TESTS
TOUGHNESS
WELDABILITY

BROADBAND

UF WIDEBAND
GS BANDWIDTH
BROADBAND
FREQUENCIES
BROADBAND
RT ∞ BANDS
∞ FREQUENCY RESPONSE
LOG PERIODIC ANTENNAS
NARROWBAND
SPIRAL ANTENNAS

BROADBAND AMPLIFIERS

GS AMPLIFIERS
BROADBAND AMPLIFIERS
RT BANDWIDTH
FREQUENCIES
WIDEBAND COMMUNICATION

BROADCASTING

UF RADIO BROADCASTING
GS TELECOMMUNICATION
BROADCASTING
RT COMMUNICATION NETWORKS
DIRECT BROADCAST SATELLITES
RADIO COMMUNICATION
RADIO EQUIPMENT
RADIO SIGNALS
RADIO TRANSMISSION
SYMPHONIE SATELLITES
TRANSMISSION
VOICE OF AMERICA

BROKEN SYMMETRY

UF SYMMETRY BREAKING
GS SYMMETRY
BROKEN SYMMETRY
RT GRAND UNIFIED THEORY
MATHEMATICAL MODELS
SUPERGRAVITY
SUPERSYMMETRY
THEORETICAL PHYSICS

BROMATES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMATES
RT ∞ OXYGEN COMPOUNDS

BROMIDES

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
AMMONIUM BROMIDES
CESIUM BROMIDES
CHROMIUM BROMIDES
DIBROMIDES
HYDROBROMIC ACID

BROMIDES--(cont.)

HYDROBROMIDES
MAGNESIUM BROMIDES
POTASSIUM BROMIDES
SILVER BROMIDES
SODIUM BROMIDES
STRONTIUM BROMIDES
HALIDES

BROMIDES

AMMONIUM BROMIDES
CESIUM BROMIDES
CHROMIUM BROMIDES
DIBROMIDES
HYDROBROMIC ACID
HYDROBROMIDES
MAGNESIUM BROMIDES
POTASSIUM BROMIDES
SILVER BROMIDES
SODIUM BROMIDES
STRONTIUM BROMIDES
RT SALT BEDS

BROMINATION

GS CHEMICAL REACTIONS
HALOGENATION
BROMINATION

BROMINE

GS CHEMICAL ELEMENTS
HALOGENS
BROMINE
BROMINE ISOTOPES

BROMINE COMPOUNDS

GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMATES
BROMIDES
AMMONIUM BROMIDES
CESIUM BROMIDES
CHROMIUM BROMIDES
DIBROMIDES
HYDROBROMIC ACID
HYDROBROMIDES
MAGNESIUM BROMIDES
POTASSIUM BROMIDES
SILVER BROMIDES
SODIUM BROMIDES
STRONTIUM BROMIDES
RT ∞ CHEMICAL COMPOUNDS
HALOCARBONS
POLYBROMINATED BIPHENYLS

BROMINE ISOTOPES

UF BROMINE 82
BROMINE 87
GS CHEMICAL ELEMENTS
HALOGENS
BROMINE
BROMINE ISOTOPES
NUCLIDES
ISOTOPES
BROMINE ISOTOPES

BROMINE 82

USE BROMINE ISOTOPES

BROMINE 87

USE BROMINE ISOTOPES

BRONCHI

UF BRONCHIAL TUBES
GS ANATOMY
RESPIRATORY SYSTEM
BRONCHI
RT LUNGS
TRACHEA
∞ TUBES

BRONCHIAL TUBES

USE BRONCHI

BRONZES

GS ALLOYS
COPPER ALLOYS
BRONZES

BRORSEN-METCALF COMET

GS CELESTIAL BODIES
COMETS
BRORSEN-METCALF COMET
RT SOLAR SYSTEM

BROTHS

RT ∞ FOOD
NUTRITION

BROWN DWARF STARS

GS CELESTIAL BODIES
STARS
BROWN DWARF STARS
RT COMPANION STARS
COOL STARS
DWARF STARS
PROTOSTARS
STELLAR EVOLUTION

BROWN WAVE EFFECT

RT ANNUAL VARIATIONS
BOTANY
CHLOROPHYLLS
∞ EFFECTS
FOLIAGE
LEAVES

BROWNIAN MOVEMENTS

RT COLLOIDS
DISPERSIONS
EINSTEIN EQUATIONS
EMULSIONS
FOKKER-PLANCK EQUATION
∞ MOTION
∞ SUSPENSIONS

BRUCETON TEST

USE STATISTICAL TESTS

BRUCITE

GS CHALCOGENIDES
OXIDES
BRUCITE
MAGNESIUM COMPOUNDS
BRUCITE
MINERALS
BRUCITE

BRUDERHEIM METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CHONDRITES
BRUDERHEIM METEORITE

BRUNEI

GS NATIONS
BRUNEI
RT ASIA

BRUNT-VAISALA FREQUENCY

GS CONSTRAINTS
METEOROLOGICAL PARAMETERS
BRUNT-VAISALA FREQUENCY
FREQUENCIES
BRUNT-VAISALA FREQUENCY
RT AIR CURRENTS
AIR FLOW
AIR MASSES
ATMOSPHERIC CIRCULATION
ATMOSPHERIC PHYSICS
ATMOSPHERIC STRATIFICATION
OSCILLATIONS

BRUSH (BOTANY)

UF SCRUBS (BOTANY)
GS PLANTS (BOTANY)
BRUSH (BOTANY)
CHAPARRAL
RT BOTANY
DEFOLIATION
EARTH RESOURCES
GUAYULE
HERBICIDES

BRUSH SEALS

GS SEALS (STOPPERS)
BRUSH SEALS
RT LEAKAGE

BRUSHES

GS BRUSHES
BRUSHES (ELECTRICAL CONTACTS)
RT ELECTRIC CONTACTS
ELECTRIC GENERATORS
ELECTRIC MOTORS

BRUSHES (ELECTRICAL CONTACTS)

GS BRUSHES

BRUSHES (ELECTRICAL CONTACTS)--(cont.)
BRUSHES (ELECTRICAL CONTACTS)
 RT ELECTRIC CONTACTS
 ELECTRIC GENERATORS
 ELECTRIC MOTORS

BRYOPHYTES
 UF LIVERWORTS
 MOSSES
 GS PLANTS (BOTANY)
 . **BRYOPHYTES**

BSCCO SUPERCONDUCTORS
 UF BI-SR-CA-CU-O SUPERCONDUCTORS
 GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . MIXED OXIDES
 **BSCCO SUPERCONDUCTORS**
 CONDUCTORS
 . SUPERCONDUCTORS
 . . HIGH TEMPERATURE
 SUPERCONDUCTORS
 . . . **BSCCO SUPERCONDUCTORS**
 RT BISMUTH OXIDES
 CALCIUM OXIDES
 COPPER OXIDES
 STRONTIUM OXIDES
 SUPERCONDUCTING FILMS

BSX
 GS EXPLOSIVES
 . **BSX**
 RT NITROMETHANE

BUBBLE CHAMBERS
 GS IONIZATION CHAMBERS
 . **BUBBLE CHAMBERS**
 RT ∞ CHAMBERS
 CLOUD CHAMBERS
 ELEMENTARY PARTICLES
 PARTICLE TRAJECTORIES
 RADIATION COUNTERS
 SPARK CHAMBERS

BUBBLE MEMORY DEVICES
 GS COMPUTER STORAGE DEVICES
 . **BUBBLE MEMORY DEVICES**
 MAGNETIC STORAGE
 . **BUBBLE MEMORY DEVICES**
 RT BINARY DATA
 COMPUTER COMPONENTS
 CORE STORAGE
 DATA PROCESSING
 DATA RECORDERS
 DATA RECORDING
 DATA STORAGE
 MAGNETIC CORES
 MAGNETIC DOMAINS
 MAGNETIC RECORDING
 MAGNETIC SWITCHING

BUBBLE TECHNIQUE
 GS TECHNOLOGIES
 . **BUBBLE TECHNIQUE**
 RT DATA RECORDERS
 ELECTRONIC EQUIPMENT
 FLIGHT INSTRUMENTS
 ∞ INSTRUMENTS
 MAGNETIC DOMAINS
 ONBOARD EQUIPMENT
 RECORDING INSTRUMENTS
 SEMICONDUCTOR DEVICES
 SOLID STATE DEVICES
 SPACECRAFT INSTRUMENTS

BUBBLES
 RT AERATION
 CAVITATION FLOW
 COANDA EFFECT
 EFFERVESCENCE
 FOAMS
 METAL FOAMS
 WAKES

BUCCANEER AIRCRAFT
 UF B-103 AIRCRAFT
 BLACKBURN B-103 AIRCRAFT
 GS ATTACK AIRCRAFT
 . **BUCCANEER AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 . **BUCCANEER AIRCRAFT**
 JET AIRCRAFT
 . **BUCCANEER AIRCRAFT**
 MONOPLANES

BUCCANEER AIRCRAFT--(cont.)
 . **BUCCANEER AIRCRAFT**
 RT ∞ AIRCRAFT
 HARRIER AIRCRAFT

BUCKET BRIGADE DEVICES
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . CHARGE TRANSFER DEVICES
 **BUCKET BRIGADE DEVICES**
 RT CHARGE COUPLED DEVICES
 SEMICONDUCTORS (MATERIALS)

∞ **BUCKETS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BOXES (CONTAINERS)
 ∞ CAPSULES
 DRUMS (CONTAINERS)
 TRAYS
 TURBOMACHINE BLADES

BUCKEY AIRCRAFT
 USE T-2 AIRCRAFT

BUCKLING
 GS **BUCKLING**
 . CREEP BUCKLING
 . ELASTIC BUCKLING
 . EULER BUCKLING
 . THERMAL BUCKLING
 RT BENDING
 COLLAPSE
 COMPRESSION LOADS
 DEFORMATION
 DISTORTION
 DONNELL EQUATIONS
 FAILURE
 FAILURE MODES
 FLANGE WRINKLING
 HEAVING
 ∞ RIDGES
 SHELL STABILITY
 STRESSES
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 TORSION
 TWISTING
 WARPAGE
 WRINKLING

BUCKMINSTERFULLERENE
 GS FULLERENES
 . **BUCKMINSTERFULLERENE**
 RT CARBON
 GRAPHITE
 MOLECULES
 POLYATOMIC MOLECULES
 POLYHEDRONS

BUDGETING
 RT ACCOUNTING
 ALLOCATIONS
 APPROPRIATIONS
 ∞ BUDGETS
 COST ANALYSIS
 COST EFFECTIVENESS
 COST ESTIMATES
 ECONOMIC FACTORS
 ESTIMATING
 FINANCIAL MANAGEMENT
 FORECASTING
 GRANTS
 INCOME
 MISSION PLANNING
 PLANNING
 PROCUREMENT MANAGEMENT
 PROJECT PLANNING
 REVENUE

∞ **BUDGETS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BUDGETING
 EARTH RADIATION BUDGET
 ENERGY BUDGETS
 ENGINEERING MANAGEMENT
 FEDERAL BUDGETS
 FOREIGN POLICY
 HEAT BUDGET
 PROCUREMENT MANAGEMENT

BUDGETS--(cont.)
 RESEARCH MANAGEMENT

BUFFALO AIRCRAFT
 USE DHC 5 AIRCRAFT

BUFFER STORAGE
 GS COMPUTER STORAGE DEVICES
 . **BUFFER STORAGE**
 RT ∞ BUFFERS
 CORE STORAGE
 DATA STORAGE
 ∞ STORAGE

∞ **BUFFERS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BUFFER STORAGE
 BUFFERS (CHEMISTRY)

BUFFERS (CHEMISTRY)
 RT BASES (CHEMICAL)
 ∞ BUFFERS
 CHEMICAL EQUILIBRIUM
 NEUTRALIZERS
 PH

BUFFETING
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 BOUNDARY LAYER CONTROL
 COMPRESSIBILITY EFFECTS
 FLIGHT CHARACTERISTICS
 FLUTTER
 OSCILLATING FLOW
 SHAKING
 SPACECRAFT MOTION
 SPACECRAFT STABILITY
 STROUHAL NUMBER
 TURBULENCE EFFECTS
 VORTEX AVOIDANCE

BUILDING MATERIALS
 USE CONSTRUCTION MATERIALS

BUILDING STRUCTURES
 USE BUILDINGS

BUILDINGS
 UF BUILDING STRUCTURES
 RT ARCHITECTURE
 BASEMENTS
 CEILINGS (ARCHITECTURE)
 CHIMNEYS
 CONSTRUCTION
 CONSTRUCTION INDUSTRY
 FLOORS
 GREENHOUSES
 HANGARS
 INDOOR AIR POLLUTION
 INFLATABLE STRUCTURES
 MISSILE SILOS
 MUSEUMS
 ROOFS
 SHELTERS
 SOLAR HOUSES
 STAIRWAYS
 STARSITE PROGRAM
 WALLS

BULBS
 RT LUMINAIRES
 PLANT ROOTS
 PRESSURE VESSELS
 SYRINGES

BULGARIA
 GS NATIONS
 . **BULGARIA**
 RT BLACK SEA
 EUROPE

BULGING
 GS METAL WORKING
 . **BULGING**
 RT DEEP DRAWING
 DIMPLING
 EXPLOSIVE FORMING
 FORGING
 HOT WORKING
 MAGNETIC FORMING
 METAL DRAWING
 STRETCH FORMING

BULK ACOUSTIC WAVE DEVICES

UF B-A-W DEVICES
 RT ∞ DEVICES
 SURFACE ACOUSTIC WAVE DEVICES
 TRANSDUCERS

BULK MODULUS

GS MECHANICAL PROPERTIES
 . **BULK MODULUS**
 RT COMPRESSIBILITY
 DENSITY (MASS/VOLUME)

BULKHEADS

GS WALLS
 . **BULKHEADS**
 RT ∞ BARRIERS
 END PLATES
 HULLS (STRUCTURES)
 PARTITIONS (STRUCTURES)
 REINFORCEMENT (STRUCTURES)
 THICK WALLS
 THIN WALLS

BULLPUP B MISSILE

RT LR-62-RM-2 ENGINE

BULLPUP MISSILES

GS MISSILES
 . AIR TO SURFACE MISSILES
 . . **BULLPUP MISSILES**
 RT LR-62-RM-2 ENGINE

BUMBLEBEE PROJECT

GS MISSILES
 . **BUMBLEBEE PROJECT**
 PROGRAMS
 . PROJECTS
 . . **BUMBLEBEE PROJECT**
 RT TALOS MISSILE
 TARTAR MISSILE
 TERRIER MISSILE
 TYPHON WEAPON SYSTEM

BUMPERS

RT CUSHIONS
 METEOROID PROTECTION
 METEORIODS
 PROTECTORS

BUMPY TORUSES

RT FUSION REACTORS
 PLASMA CONTROL
 PLASMA HEATING
 TOKAMAK DEVICES
 TOROIDAL PLASMAS

BUNA (TRADEMARK)

GS RUBBER
 . SYNTHETIC RUBBERS
 . . **BUNA (TRADEMARK)**
 RT BUTADIENE
 STYRENES

BUNCHING

GS **BUNCHING**
 . ELECTRON BUNCHING
 RT QUEUEING THEORY
 SPACE CHARGE
 VELOCITY MODULATION

BUNDLE DRAWING

RT ∞ DRAWING
 METAL DRAWING

BUNDLES

RT ∞ CONTAINERS
 PACKAGES
 UMBILICAL CONNECTORS
 WIRING

BUNKERS (FUEL)

GS TANKS (CONTAINERS)
 . **BUNKERS (FUEL)**
 RT FUEL SYSTEMS

BUOYANCY

RT ACOUSTIC LEVITATION
 AEROSTATICS
 BALLAST (MASS)
 DENSITY (MASS/VOLUME)
 FLOATING
 GAS DENSITY
 LEVITATION
 MECHANICAL PROPERTIES

BUOYANCY--(cont.)

NEUTRAL BUOYANCY SIMULATION
 ∞ PHYSICAL PROPERTIES
 POROSITY
 RAYLEIGH NUMBER
 VOIDS

BUOYS

RT BEACONS
 COMPASSES
 FLOATS
 ∞ MARKERS
 NAVIGATION AIDS
 OCEAN DATA ACQUISITIONS SYSTEMS

BURAN SPACE SHUTTLE

GS MANNED SPACECRAFT
 . SPACE SHUTTLES
 . . **BURAN SPACE SHUTTLE**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . REUSABLE SPACECRAFT
 . . . SPACE SHUTTLES
 **BURAN SPACE SHUTTLE**
 SOFT LANDING SPACECRAFT
 . **BURAN SPACE SHUTTLE**
 SOVIET SPACECRAFT
 . **BURAN SPACE SHUTTLE**
 RT AEROSPACE PLANES
 U.S.S.R. SPACE PROGRAM

BUREAUS (ORGANIZATIONS)

GS INSTITUTIONS
 . **BUREAUS (ORGANIZATIONS)**
 ORGANIZATIONS
 . FEDERATIONS
 . . **BUREAUS (ORGANIZATIONS)**
 RT PROGRAMS
 PROJECTS
 TEAMS
 UNIVERSITY PROGRAM

BURETTES

GS MEASURING INSTRUMENTS
 . **BURETTES**
 RT GLASSWARE
 PIPETTES
 ∞ TUBES

BURGER EQUATION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **BURGER EQUATION**
 RT CONTINUUM MECHANICS
 ∞ EQUATIONS
 NAVIER-STOKES EQUATION
 SHOCK WAVE PROPAGATION

BURKINA

UF UPPER VOLTA
 GS NATIONS
 . **BURKINA**
 RT AFRICA

BURMA

GS NATIONS
 . **BURMA**
 RT ASIA

BURN-IN

RT FAILURE
 FAILURE ANALYSIS
 INTEGRATED CIRCUITS
 QUALITY CONTROL

BURNERS

RT AFTERBURNING
 CHEMICAL REACTORS
 COMBUSTION CHAMBERS
 DIFFUSION WELDING
 FUEL INJECTION
 FURNACES
 INCINERATORS
 WASTE ENERGY UTILIZATION

BURNING

USE COMBUSTION

BURNING PROCESS

USE COMBUSTION

BURNING RATE

GS RATES (PER TIME)
 . **BURNING RATE**
 RT BURNOUT
 COMBUSTION
 COMBUSTION CONTROL
 COMBUSTION EFFICIENCY
 COMBUSTION STABILITY
 EXPLOSIVES
 FLAME PROPAGATION
 FLAMMABILITY
 FUEL CONSUMPTION
 FUEL-AIR RATIO
 FUELS
 PRESSURE DEPENDENCE
 PROPELLANT GRAINS
 PROPELLANTS
 SOLID PROPELLANT COMBUSTION
 SOLID PROPELLANT ROCKET ENGINES
 SOLID ROCKET PROPELLANTS
 VELOCITY COUPLING

BURNING TIME

UF FIRING TIME
 GS TIME
 . **BURNING TIME**
 RT COMBUSTION
 COMBUSTION EFFICIENCY
 FIRING (IGNITING)
 FLIGHT OPTIMIZATION
 FLIGHT TIME
 ROCKET ENGINES
 ROCKET FIRING
 TESTING TIME
 THRUST
 WINDOWS (INTERVALS)

BURNOUT

SN (LIMITED TO TERMINATION OF
 COMBUSTION IN A ROCKET ENGINE
 BECAUSE OF EXHAUSTION OF THE
 PROPELLANT)
 RT BOOSTER ROCKET ENGINES
 BURNING RATE
 COMBUSTION
 ∞ CUT-OFF
 EROSION BURNING
 EXTINGUISHING
 SOLID PROPELLANT ROCKET ENGINES
 THRUST TERMINATION

BURNS (INJURIES)

GS INJURIES
 . **BURNS (INJURIES)**
 RT CRASH INJURIES
 FIRES
 LASER DAMAGE
 LESIONS
 RADIATION INJURIES

BURNTHROUGH (FAILURE)

GS FAILURE
 . **BURNTHROUGH (FAILURE)**
 RT ABLATION
 DAMAGE
 MELTING
 PERFORATING

BURST TESTS

GS DESTRUCTIVE TESTS
 . **BURST TESTS**
 RT CONTAINMENT
 FAILURE ANALYSIS
 FRACTURE MECHANICS
 FRACTURE STRENGTH
 ∞ MATERIALS TESTS
 PRESSURE VESSELS

BURSTS

GS **BURSTS**
 . GAMMA RAY BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 . . . TYPE 2 BURSTS
 . . . TYPE 3 BURSTS
 . . . TYPE 4 BURSTS
 . . . TYPE 5 BURSTS
 RT ∞ DISTURBANCES
 EMISSION
 EXPLOSIONS
 FRAGMENTATION
 IMPLOSIONS
 RUPTURING

BURUNDI

UF RUANDA-URUNDI
 GS NATIONS
 . **BURUNDI**
 RT AFRICA
 RWANDA

BUS CONDUCTORS

GS CONDUCTORS
 . **BUS CONDUCTORS**
 RT ELECTRIC WIRE
 FLAT CONDUCTORS
 POWER LINES
 ∞ POWER TRANSMISSION

BUSHINGS

RT BEARINGS
 INSERTS
 LININGS
 SHAFTS (MACHINE ELEMENTS)
 SPACERS

BUSINESS MANAGEMENT

USE INDUSTRIAL MANAGEMENT

BUTADIENE

UF VINYL ETHYLENE
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . DIENES
 . . . **BUTADIENE**
 RT BUNA (TRADEMARK)
 HYDROCARBON FUELS
 POLYBUTADIENE

BUTANES

UF ISOBUTANE
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 . . . **BUTANES**
 RT PETROLEUM PRODUCTS

BUTENES

UF BUTYLENE
 ISOBUTYLENE
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKENES
 . . . **BUTENES**

BUTT JOINTS

GS JOINTS (JUNCTIONS)
 . **BUTT JOINTS**
 RT LAP JOINTS
 METAL JOINTS
 RIVETED JOINTS
 SOLDERED JOINTS
 WELDED JOINTS

BUTTERFLY VALVES

GS VALVES
 . **BUTTERFLY VALVES**
 . . DAMPERS (VALVES)

BUTTES

GS LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . MESAS
 . . . **BUTTES**

∞ BUTTONS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT MANUAL CONTROL

BUTYLENE

USE BUTENES

BUTYLENE OXIDES

USE TETRAHYDROFURAN

BUTYRIC ACID

GS ACIDS
 . **BUTYRIC ACID**
 RT FERMENTATION

BY-PRODUCTS

RT MATERIALS RECOVERY

BY-PRODUCTS--(cont.)

PRODUCTS
 REACTION PRODUCTS
 WASTES

BYPASS RATIO

RT AIR INTAKES
 ENGINE INLETS
 FLOW GEOMETRY
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 INLET FLOW
 INLET NOZZLES
 INTAKE SYSTEMS
 NOSE INLETS
 SIDE INLETS
 SUPERSONIC INLETS

BYPASSES

UF SHUNTS
 RT DIVERTERS
 RELIEF VALVES

C**C (PROGRAMMING LANGUAGE)**

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . HIGH LEVEL LANGUAGES
 . . . **C (PROGRAMMING LANGUAGE)**
 C++ (PROGRAMMING
 LANGUAGE)
 RT COMPILERS
 COMPUTER PROGRAMMING
 EXPERT SYSTEMS

C BAND

SN (3.9 TO 6.2 GHZ)
 GS FREQUENCIES
 . RADIO FREQUENCIES
 . . MICROWAVE FREQUENCIES
 . . . **C BAND**
 RT MILLIMETER WAVES
 SUPERHIGH FREQUENCIES

C STARS

USE CARBON STARS

C++ (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . HIGH LEVEL LANGUAGES
 . . . C (PROGRAMMING LANGUAGE)
 C++ (PROGRAMMING
 LANGUAGE)
 RT OBJECT-ORIENTED PROGRAMMING

C-M DIAGRAM

USE COLOR-MAGNITUDE DIAGRAM

C-1A AIRCRAFT

UF TRADER AIRCRAFT
 GS GRUMMAN AIRCRAFT
 . **C-1A AIRCRAFT**
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
 . . **C-1A AIRCRAFT**
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

C-2 AIRCRAFT

UF COD AIRCRAFT
 GS GRUMMAN AIRCRAFT
 . **C-2 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . **C-2 AIRCRAFT**
 MONOPLANES
 . **C-2 AIRCRAFT**
 TRANSPORT AIRCRAFT
 CARGO AIRCRAFT
 . . **C-2 AIRCRAFT**
 RT ∞ AIRCRAFT

C-5 AIRCRAFT

UF GALAXY AIRCRAFT
 LOCKHEED C-5 AIRCRAFT
 GS JET AIRCRAFT
 . **C-5 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **C-5 AIRCRAFT**

C-5 AIRCRAFT--(cont.)

TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . **C-5 AIRCRAFT**
 RT ∞ AIRCRAFT
 TURBOFAN ENGINES

C-8A AUGMENTOR WING AIRCRAFT

GS JET AIRCRAFT
 . **C-8A AUGMENTOR WING AIRCRAFT**
 RESEARCH AIRCRAFT
 . **C-8A AUGMENTOR WING AIRCRAFT**
 TRANSPORT AIRCRAFT
 . SHORT HAUL AIRCRAFT
 . . **C-8A AUGMENTOR WING AIRCRAFT**
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . **C-8A AUGMENTOR WING AIRCRAFT**
 RT ∞ AIRCRAFT

C-9 AIRCRAFT

GS JET AIRCRAFT
 . **C-9 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **C-9 AIRCRAFT**
 . MCDONNELL AIRCRAFT
 . . **C-9 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . **C-9 AIRCRAFT**
 RT ∞ AIRCRAFT
 EVACUATING (TRANSPORTATION)

C-15 AIRCRAFT

UF YC-15 AIRCRAFT
 GS V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . **C-15 AIRCRAFT**
 RT ∞ AIRCRAFT

C-33 AIRCRAFT

UF BEECH C-33 AIRCRAFT
 DEBONAIR AIRCRAFT
 GS BEECHCRAFT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . **C-33 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **C-33 AIRCRAFT**
 LIGHT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . **C-33 AIRCRAFT**
 MONOPLANES
 . **C-33 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **C-33 AIRCRAFT**
 RT ∞ AIRCRAFT

C-35 AIRCRAFT

UF BEECH S-35 AIRCRAFT
 BONANZA AIRCRAFT
 GS BEECHCRAFT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . **C-35 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 . **C-35 AIRCRAFT**
 LIGHT AIRCRAFT
 . BEECH 99 AIRCRAFT
 . . **C-35 AIRCRAFT**
 MONOPLANES
 . **C-35 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **C-35 AIRCRAFT**
 RT ∞ AIRCRAFT

C-46 AIRCRAFT

UF COMMANDO AIRCRAFT
 CURTISS C-46 AIRCRAFT
 GS CURTISS-WRIGHT AIRCRAFT
 . **C-46 AIRCRAFT**
 MONOPLANES
 . **C-46 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **C-46 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . **C-46 AIRCRAFT**
 RT ∞ AIRCRAFT

C-47 AIRCRAFT

UF DAKOTA AIRCRAFT
 GS MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **C-47 AIRCRAFT**
 MONOPLANES

C-47 AIRCRAFT--(cont.)

. **C-47 AIRCRAFT**
 . TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-47 AIRCRAFT**
 RT ∞AIRCRAFT

C-54 AIRCRAFT

UF R5D AIRCRAFT
 SKYMASTER AIRCRAFT
 GS MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . **C-54 AIRCRAFT**
 MONOPLANES
 . **C-54 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-54 AIRCRAFT**
 RT ∞AIRCRAFT

C-118 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . **C-118 AIRCRAFT**
 MONOPLANES
 . **C-118 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-118 AIRCRAFT**
 RT ∞AIRCRAFT

C-119 AIRCRAFT

GS FAIRCHILD-HILLER AIRCRAFT
 . **C-119 AIRCRAFT**
 JET AIRCRAFT
 . **C-119 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-119 AIRCRAFT**
 RT ∞AIRCRAFT

C-121 AIRCRAFT

UF LOCKHEED CONSTELLATION AIRCRAFT
 R7V AIRCRAFT
 GS LOCKHEED AIRCRAFT
 . **C-121 AIRCRAFT**
 MONOPLANES
 . **C-121 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-121 AIRCRAFT**
 RT ∞AIRCRAFT
 EC-121 AIRCRAFT

C-123 AIRCRAFT

UF PROVIDER AIRCRAFT
 YC-123 AIRCRAFT
 GS FAIRCHILD-HILLER AIRCRAFT
 . **C-123 AIRCRAFT**
 MONOPLANES
 . **C-123 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-123 AIRCRAFT**
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . **C-123 AIRCRAFT**
 RT ∞AIRCRAFT

C-124 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . **C-124 AIRCRAFT**
 MONOPLANES
 . **C-124 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-124 AIRCRAFT**
 RT ∞AIRCRAFT

C-130 AIRCRAFT

UF GC-130 AIRCRAFT
 HERCULES AIRCRAFT
 JC-130 AIRCRAFT
 KC-130 AIRCRAFT
 NC-130 AIRCRAFT
 GS JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . **C-130 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **C-130 AIRCRAFT**
 MONOPLANES
 . **C-130 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT

C-130 AIRCRAFT--(cont.)

. **C-130 AIRCRAFT**
 RT ∞AIRCRAFT
 T-56 ENGINE

C-131 AIRCRAFT

UF SAMARITAN AIRCRAFT
 GS GENERAL DYNAMICS AIRCRAFT
 . **C-131 AIRCRAFT**
 MONOPLANES
 . **C-131 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-131 AIRCRAFT**
 RT ∞AIRCRAFT

C-133 AIRCRAFT

UF CARGOMASTER AIRCRAFT
 GS JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . **C-133 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . **C-133 AIRCRAFT**
 MONOPLANES
 . **C-133 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-133 AIRCRAFT**
 RT ∞AIRCRAFT
 T-34 ENGINE

C-135 AIRCRAFT

UF KC-135 AIRCRAFT
 STRATOTANKER AIRCRAFT
 GS BOEING AIRCRAFT
 . **C-135 AIRCRAFT**
 JET AIRCRAFT
 . **C-135 AIRCRAFT**
 MONOPLANES
 . **C-135 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-135 AIRCRAFT**
 RT ADVANCED RANGE INSTRUMENTATION
 AIRCRAFT
 ∞AIRCRAFT
 TURBOFAN AIRCRAFT

C-140 AIRCRAFT

UF JET STAR AIRCRAFT
 GS JET AIRCRAFT
 . **C-140 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **C-140 AIRCRAFT**
 MONOPLANES
 . **C-140 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-140 AIRCRAFT**
 UTILITY AIRCRAFT
 . **C-140 AIRCRAFT**
 RT ∞AIRCRAFT

C-141 AIRCRAFT

UF STARLIFTER AIRCRAFT
 GS JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **C-141 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **C-141 AIRCRAFT**
 MONOPLANES
 . **C-141 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **C-141 AIRCRAFT**
 RT ∞AIRCRAFT
 KUIPER AIRBORNE OBSERVATORY
 TURBOFAN ENGINES

C-142 AIRCRAFT

USE XC-142 AIRCRAFT

C-160 AIRCRAFT

UF TRANSALL C-160 AIRCRAFT
 GS HAMBURGER AIRCRAFT
 . **C-160 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . **C-160 AIRCRAFT**
 MONOPLANES
 . **C-160 AIRCRAFT**
 NORD AIRCRAFT
 . **C-160 AIRCRAFT**
 TRANSPORT AIRCRAFT

C-160 AIRCRAFT--(cont.)

. CARGO AIRCRAFT
 . **C-160 AIRCRAFT**
 RT ∞AIRCRAFT
 TURBOPROP ENGINES

CABIN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
 . **CABIN ATMOSPHERES**
 . SPACECRAFT CABIN ATMOSPHERES
 RT AIRCRAFT COMPARTMENTS
 ∞ATMOSPHERES
 COCKPITS
 ENVIRONMENTAL CONTROL
 OXYGEN SUPPLY EQUIPMENT
 PRESSURIZED CABINS
 SPACE CAPSULES

∞ CABINS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIRCRAFT COMPARTMENTS
 COCKPITS
 PRESSURIZED CABINS
 SPACECRAFT CABINS

CABLE FORCE RECORDERS

GS RECORDING INSTRUMENTS
 . **CABLE FORCE RECORDERS**
 RT ∞RECORDERS
 STRAIN GAGES
 TENSIMETERS

CABLE TELEVISION

UF CATV
 GS TELEVISION SYSTEMS
 . **CABLE TELEVISION**
 RT CLOSED CIRCUIT TELEVISION
 COMMUNICATION CABLES
 TELEVISION TRANSMISSION

∞ CABLES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CABLES (ROPES)
 COAXIAL CABLES
 COMMUNICATION CABLES
 POWER LINES
 SUBMARINE CABLES
 TETHERLINES
 TRANSMISSION LINES

CABLES (ROPES)

RT ∞BELTS
 ∞CABLES
 CHAINS
 CORDAGE
 FASTENERS
 REELS
 STRANDS
 TOWING
 WIRE

CAD (DESIGN)

USE COMPUTER AIDED DESIGN

CADASTRAL MAPPING

GS MAPPING
 . **CADASTRAL MAPPING**
 RT GEOGRAPHY
 MAPS
 THEMATIC MAPPING

CADMIUM

GS CHEMICAL ELEMENTS
 . **CADMIUM**
 . CADMIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . **CADMIUM**
 . . . CADMIUM ISOTOPES

CADMIUM ALLOYS

GS ALLOYS
 . **CADMIUM ALLOYS**
 RT BEARING ALLOYS

CADMIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . **CADMIUM ANTIMONIDES**
 CADMIUM COMPOUNDS

CADMIUM ANTIMONIDES--(cont.). **CADMIUM ANTIMONIDES****CADMIUM CHLORIDES**

GS **CADMIUM COMPOUNDS**
 . **CADMIUM CHLORIDES**
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES
 . . . **CADMIUM CHLORIDES**
 . HALIDES
 . CHLORIDES
 . . . **CADMIUM CHLORIDES**
 . METAL HALIDES
 . . . **CADMIUM CHLORIDES**

CADMIUM COMPOUNDS

GS **CADMIUM COMPOUNDS**
 . **CADMIUM ANTIMONIDES**
 . **CADMIUM CHLORIDES**
 . **CADMIUM FLUORIDES**
 . **CADMIUM SELENIDES**
 . **CADMIUM SULFIDES**
 . **CADMIUM TELLURIDES**
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 2B COMPOUNDS
 ∞ METAL COMPOUNDS

CADMIUM FLUORIDES

GS **CADMIUM COMPOUNDS**
 . **CADMIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . . . METAL FLUORIDES
 **CADMIUM FLUORIDES**

CADMIUM ISOTOPES

UF **CADMIUM 114**
 GS **CHEMICAL ELEMENTS**
 . **CADMIUM**
 . . **CADMIUM ISOTOPES**
 . NUCLIDES
 . ISOTOPES
 . . . **CADMIUM ISOTOPES**
 METALS
 . TRANSITION METALS
 . **CADMIUM**
 . . . **CADMIUM ISOTOPES**

CADMIUM MERCURY TELLURIDESUSE **MERCURY CADMIUM TELLURIDES****CADMIUM NICKEL BATTERIES**USE **NICKEL CADMIUM BATTERIES****CADMIUM SELENIDES**

GS **CADMIUM COMPOUNDS**
 . **CADMIUM SELENIDES**
 CHALCOGENIDES
 . SELENIDES
 . . **CADMIUM SELENIDES**
 SELENIUM COMPOUNDS
 . SELENIDES
 . . **CADMIUM SELENIDES**

CADMIUM SILVER BATTERIESUSE **SILVER CADMIUM BATTERIES****CADMIUM SULFIDES**

GS **CADMIUM COMPOUNDS**
 . **CADMIUM SULFIDES**
 CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **CADMIUM SULFIDES**
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **CADMIUM SULFIDES**

CADMIUM TELLURIDES

GS **CADMIUM COMPOUNDS**
 . **CADMIUM TELLURIDES**
 CHALCOGENIDES
 . TELLURIDES
 . . **CADMIUM TELLURIDES**
 TELLURIUM COMPOUNDS
 . TELLURIDES
 . . **CADMIUM TELLURIDES**

CADMIUM 114USE **CADMIUM ISOTOPES****CAFFEINE**

GS **BASES (CHEMICAL)**
 . ALKALOIDS
 . . **CAFFEINE**
 DRUGS
 . STIMULANTS
 . . **CAFFEINE**
 FUNGICIDES
 . XANTHINES
 . . **CAFFEINE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **CAFFEINE**
 . XANTHINES
 . . **CAFFEINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **CAFFEINE**
 PURINES
 XANTHINES
 **CAFFEINE**

CAIUSE **COMPUTER ASSISTED INSTRUCTION****CAISSONS**

RT **CONSTRUCTION**
 FOUNDATIONS

CAJUN ROCKET VEHICLE

GS **ROCKET VEHICLES**
 . SOUNDING ROCKETS
 . . **CAJUN ROCKET VEHICLE**
 RT **NIKE-CAJUN ROCKET VEHICLE**
 SOLID PROPELLANT ROCKET ENGINES
 SONDES

CALCIFEROL

UF **VITAMIN D**
 GS **ORGANIC COMPOUNDS**
 . LIPIDS
 . . **CALCIFEROL**
 VITAMINS
 . **CALCIFEROL**

CALCIFICATION

RT **ARTHRITIS**
 BONES

CALCINATIONUSE **ROASTING****CALCITE**

GS **CALCIUM COMPOUNDS**
 . **CALCIUM CARBONATES**
 . . **CALCITE**
 CARBON COMPOUNDS
 . CARBONATES
 . . **CALCIUM CARBONATES**
 . . . **CALCITE**
 MINERALS
 . **CALCITE**
 RT **ARAGONITE**
 BIREFRINGENCE

CALCIUM

GS **CHEMICAL ELEMENTS**
 . **CALCIUM**
 . . **CALCIUM ISOTOPES**
 METALS
 . **CALCIUM**
 . . **CALCIUM ISOTOPES**
 RT **CALMODULIN**
 GYPSUM

CALCIUM CARBONATES

GS **CALCIUM COMPOUNDS**
 . **CALCIUM CARBONATES**
 . . **AKERMANITE**
 . . **ARAGONITE**
 . . **CALCITE**
 . . **CHALK**
 CARBON COMPOUNDS
 . CARBONATES
 . . **CALCIUM CARBONATES**
 . . . **AKERMANITE**
 . . . **ARAGONITE**
 . . . **CALCITE**
 . . . **CHALK**
 RT **BONE MINERAL CONTENT**
 LIMESTONE

CALCIUM CHLORIDES

GS **CALCIUM COMPOUNDS**
 . **CALCIUM CHLORIDES**
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES
 . . . **CALCIUM CHLORIDES**
 . HALIDES
 . CHLORIDES
 . . . **CALCIUM CHLORIDES**
 . METAL HALIDES
 . . . **CALCIUM CHLORIDES**

CALCIUM COMPOUNDS

GS **CALCIUM COMPOUNDS**
 . **CALCIUM CARBONATES**
 . **AKERMANITE**
 . **ARAGONITE**
 . **CALCITE**
 . **CHALK**
 . **CALCIUM CHLORIDES**
 . **CALCIUM FLUORIDES**
 . **FLUORSPAR**
 . **CALCIUM OXIDES**
 . **AKERMANITE**
 . **CALCIUM PHOSPHATES**
 . **CALCIUM SILICATES**
 . **GEHLENITE**
 . **CALCIUM SULFIDES**
 . **CALCIUM TUNGSTATES**
 . **CALCIUM VANADATES**
 . **FLUORITE**
 . **MERWINITE**
 . **MONTICELLITE**
 . **PEROVSKITES**
 . **SHEELITE**
 RT ∞ **ALKALINE EARTH COMPOUNDS**
 ∞ **CHEMICAL COMPOUNDS**
 ∞ **METAL COMPOUNDS**

CALCIUM FLUORIDES

GS **CALCIUM COMPOUNDS**
 . **CALCIUM FLUORIDES**
 . **FLUORSPAR**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . . DIFLUORIDES
 . . . **CALCIUM FLUORIDES**
 **FLUORSPAR**
 METAL FLUORIDES
 **CALCIUM FLUORIDES**
 . HALIDES
 . FLUORIDES
 . . DIFLUORIDES
 . . . **CALCIUM FLUORIDES**
 **FLUORSPAR**

CALCIUM ISOTOPES

UF **CALCIUM 45**
 GS **CHEMICAL ELEMENTS**
 . **CALCIUM**
 . . **CALCIUM ISOTOPES**
 . NUCLIDES
 . ISOTOPES
 . . . **CALCIUM ISOTOPES**
 METALS
 . **CALCIUM**
 . . **CALCIUM ISOTOPES**

CALCIUM METABOLISM

GS **METABOLISM**
 . **CALCIUM METABOLISM**
 RT **BED REST**
CALMODULIN
OSTEOPOROSIS
PARATHYROID GLAND
THYROID GLAND

CALCIUM OXIDES

UF **LIME**
 GS **CALCIUM COMPOUNDS**
 . **CALCIUM OXIDES**
 . **AKERMANITE**
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **ALKALINE EARTH OXIDES**
 **CALCIUM OXIDES**
 **AKERMANITE**
 RT **BSCCO SUPERCONDUCTORS**

CALCIUM PHOSPHATES

UF **APATITES**
 GS **CALCIUM COMPOUNDS**

CALCIUM PHOSPHATES--(cont.)

- . CALCIUM PHOSPHATES
- PHOSPHORUS COMPOUNDS
- . PHOSPHATES
- . . . CALCIUM PHOSPHATES
- RT BONE MINERAL CONTENT

CALCIUM SILICATES

- GS CALCIUM COMPOUNDS
- . CALCIUM SILICATES
- . . . GEHLENITE
- SILICON COMPOUNDS
- . SILICATES
- . . . CALCIUM SILICATES
- GEHLENITE
- RT AMPHIBOLES
- MINERALS

CALCIUM SULFIDES

- GS CALCIUM COMPOUNDS
- . CALCIUM SULFIDES
- CHALCOGENIDES
- . SULFIDES
- . . . INORGANIC SULFIDES
- CALCIUM SULFIDES
- SULFUR COMPOUNDS
- . SULFIDES
- . . . INORGANIC SULFIDES
- CALCIUM SULFIDES

CALCIUM TUNGSTATES

- GS CALCIUM COMPOUNDS
- . CALCIUM TUNGSTATES
- TUNGSTEN COMPOUNDS
- . TUNGSTATES
- . . . CALCIUM TUNGSTATES

CALCIUM VANADATES

- GS CALCIUM COMPOUNDS
- . CALCIUM VANADATES
- VANADIUM COMPOUNDS
- . VANADATES
- . . . CALCIUM VANADATES

CALCIUM 45

- USE CALCIUM ISOTOPES

CALCULATION

- USE COMPUTATION

CALCULATORS

- RT ARITHMETIC
- COMPUTATION
- COMPUTERS

CALCULI

- UF RENAL CALCULI
- GS DEPOSITS
- . CALCULI
- . . . DENTAL CALCULI
- RT LITHIASIS
- UROLITHIASIS

CALCULUS

- SN (LIMITED TO MATHEMATICS)
- GS ANALYSIS (MATHEMATICS)
- . CALCULUS
- . . . CONTINUITY (MATHEMATICS)
- . . . DIFFERENTIAL CALCULUS
- . . . FOURIER-BESSEL TRANSFORMATIONS
- . . . GRAEFF CALCULUS
- . . . INTEGRAL CALCULUS
- . . . LIMITS (MATHEMATICS)
- . . . SERIES (MATHEMATICS)
- . . . ASYMPTOTIC SERIES
- . . . CAMPBELL-HAUSDORFF SERIES
- . . . COSINE SERIES
- . . . FOURIER SERIES
- . . . PADE APPROXIMATION
- . . . POWER SERIES
- TAYLOR SERIES
- MACLAURIN SERIES
- . . . PROGRESSIONS
- . . . PRONY SERIES
- . . . SINE SERIES
- . . . VECTOR ANALYSIS
- . . . COLLINEARITY
- . . . COPLANARITY
- . . . CURL (VECTORS)
- VORTICITY
- RT ANALYTIC GEOMETRY
- ASYMPTOTES
- DIFFERENTIAL EQUATIONS
- FUNCTIONS (MATHEMATICS)

CALCULUS--(cont.)

- ∞ MATHEMATICS
- MONOTONE FUNCTIONS
- OPERATIONAL CALCULUS
- REAL VARIABLES

CALCULUS OF VARIATIONS

- UF VARIATION METHOD
- GS ANALYSIS (MATHEMATICS)
- . REAL VARIABLES
- . . . CALCULUS OF VARIATIONS
- RT BIOT METHOD
- CASTIGLIANO VARIATIONAL THEOREM
- DIFFERENTIAL EQUATIONS
- EULER-LAGRANGE EQUATION
- INTEGRAL EQUATIONS
- INVARIANT IMBEDDINGS
- JACOBI MATRIX METHOD
- MAXIMA
- OPERATIONAL CALCULUS
- PONTRYAGIN PRINCIPLE
- STEEPEST DESCENT METHOD
- VARIATIONAL PRINCIPLES

CALDERAS

- GS LANDFORMS
- . CALDERAS
- RT CONES (VOLCANOES)
- CRATERS
- LAVA
- MARS VOLCANOES
- VOLCANOES
- VOLCANOLOGY

CALENDARS

- GS CALENDARS
- . CROP CALENDARS
- RT MONTH
- SCHEDULING
- TIME

CALIBRATING

- UF GRADUATION
- GS CALIBRATING
- . WIND TUNNEL CALIBRATION
- RT ACCURACY
- INSTRUMENT COMPENSATION
- INSTRUMENT ERRORS
- MEASURING INSTRUMENTS
- ∞ SCALING
- SOLAR CELL CALIBRATION FACILITY
- STANDARDIZATION
- STANDARDS
- TEMPERATURE SCALES

CALIFORNIA

- GS NATIONS
- . UNITED STATES
- . . . CALIFORNIA
- RT CASCADE RANGE (CA-OR-WA)
- COACHELLA VALLEY (CA)
- COASTAL RANGES (CA)
- DEATH VALLEY (CA)
- FEATHER RIVER BASIN (CA)
- GREAT BASIN (US)
- IMPERIAL VALLEY (CA)
- LAKE TAHOE (CA-NV)
- MOJAVE DESERT (CA)
- MONTEREY BAY (CA)
- PALO VERDE VALLEY (CA)
- PENINSULAR RANGES (CA)
- SACRAMENTO VALLEY (CA)
- SALTON SEA (CA)
- SAN ANDREAS FAULT
- SAN FRANCISCO (CA)
- SAN FRANCISCO BAY (CA)
- SAN JOAQUIN VALLEY (CA)
- SAN PABLO BAY (CA)
- SIERRA NEVADA MOUNTAINS (CA)
- SOUTHERN CALIFORNIA

CALIFORNIA

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- CALIFORNIA
- CALIFORNIA ISOTOPES
- NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- CALIFORNIA
- CALIFORNIA ISOTOPES
- METALS
- ACTINIDE SERIES

CALIFORNIUM--(cont.)

- . . . TRANSURANIUM ELEMENTS
- CALIFORNIUM
- CALIFORNIUM ISOTOPES
- RT CALIFORNIUM COMPOUNDS

CALIFORNIUM COMPOUNDS

- GS ACTINIDE SERIES COMPOUNDS
- . CALIFORNIUM COMPOUNDS
- RT CALIFORNIUM

CALIFORNIUM ISOTOPES

- UF CALIFORNIUM 252
- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- CALIFORNIUM
- CALIFORNIUM ISOTOPES
- NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- CALIFORNIUM
- CALIFORNIUM ISOTOPES
- METALS
- . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- CALIFORNIUM
- CALIFORNIUM ISOTOPES

CALIFORNIUM 252

- USE CALIFORNIUM ISOTOPES

CALLISTO

- GS CELESTIAL BODIES
- . NATURAL SATELLITES
- . . . ICY SATELLITES
- CALLISTO
- JUPITER SATELLITES
- GALILEAN SATELLITES
- CALLISTO
- RT CHARON
- GANYMEDE
- IO
- JUPITER (PLANET)

CALMODULIN

- GS BIOPOLYMERS
- . PROTEINS
- . . . CALMODULIN
- ORGANIC COMPOUNDS
- . PROTEINS
- . . . CALMODULIN
- RT CALCIUM
- CALCIUM METABOLISM
- CYTOPLASM
- GRAVITROPISM
- REGULATORY MECHANISMS (BIOLOGY)

CALORIC REQUIREMENTS

- GS NUTRITIONAL REQUIREMENTS
- . CALORIC REQUIREMENTS
- RT DIETS
- ∞ FOOD
- METABOLISM
- MINERAL METABOLISM
- ∞ NUTRIENTS
- NUTRITION

CALORIC STIMULI

- RT ∞ STIMULI

CALORIMETERS

- UF MICROCALORIMETERS
- GS MEASURING INSTRUMENTS
- . CALORIMETERS
- . . . BOMB CALORIMETERS
- . . . DROP CALORIMETERS
- . . . FLAME CALORIMETERS
- RT HEAT MEASUREMENT
- HIGH TEMPERATURE TESTS
- SCINTILLATING FIBERS
- TEMPERATURE MEASURING INSTRUMENTS

CALORIMETRY

- USE HEAT MEASUREMENT

CALUTRONS

- USE CYCLOTRONS

CALVES

- GS ANIMALS
- . VERTEBRATES

CALVES--(cont.)

... MAMMALS
 ... CATTLE
 ... **CALVES**
 RT LIVESTOCK

CAM (MANUFACTURING)

USE COMPUTER AIDED MANUFACTURING

CAMBER

GS **CAMBER**
 . CONICAL CAMBER
 . WING CAMBER
 RT AIRFOILS
 BENDING
 ∞ BOWS
 CAMBERED WINGS
 CURVATURE
 CURVED BEAMS
 DEFLECTION
 DEFORMATION
 DISTORTION
 FLEXING
 FUSELAGES
 LIFT
 WARPAGE

CAMBERED WINGS

GS AIRFOILS
 . WINGS
 . **CAMBERED WINGS**
 RT CAMBER
 FIXED WINGS
 TWISTED WINGS
 UNCAMBERED WINGS
 WING CAMBER

CAMBODIA

UF KAMPUCHEA
 GS NATIONS
 . **CAMBODIA**
 RT ASIA

CAMBRIAN PERIOD

GS PALEOZOIC ERA
 . **CAMBRIAN PERIOD**
 GEOCHRONOLOGY
 PALEONTOLOGY
 PRECAMBRIAN PERIOD
 RT

CAMEL AIRCRAFT

USE TU-104 AIRCRAFT

CAMERA SHUTTERS

RT CAMERAS
 IRISES (MECHANICAL APERTURES)
 KERR CELLS
 PANORAMIC CAMERAS
 ∞ SHUTTERS
 STREAK CAMERAS

CAMERA TUBES

GS ELECTRON TUBES
 . **CAMERA TUBES**
 . IMAGE DISSECTOR TUBES
 . ORTHICONS
 . IMAGE ORTHICONS
 . VIDICONS
 . RETURN BEAM VIDICONS
 . THERMIONS
 RT CAMERAS
 DYNODES
 IMAGE CONVERTERS
 IMAGE TRANSDUCERS
 MONOSCOPES
 PLANOTRONS
 TELEVISION CAMERAS
 VIDEO EQUIPMENT

CAMERAS

GS OPTICAL EQUIPMENT
 . **CAMERAS**
 . BAKER-NUNN CAMERA
 . BALLISTIC CAMERAS
 . DELFT CAMERA
 . DIFFRACTION LIMITED CAMERAS
 . FAINT OBJECT CAMERA
 . HIGH SPEED CAMERAS
 . FRAMING CAMERAS
 . I2S CAMERAS
 . LALLEMAND CAMERAS
 . MULTISPECTRAL BAND CAMERAS
 . PANORAMIC CAMERAS
 . PINHOLE CAMERAS

CAMERAS--(cont.)

... SCHMIDT CAMERAS
 ... STREAK CAMERAS
 ... TELEVISION CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . **CAMERAS**
 . BAKER-NUNN CAMERA
 . BALLISTIC CAMERAS
 . DELFT CAMERA
 . DIFFRACTION LIMITED CAMERAS
 . FAINT OBJECT CAMERA
 . HIGH SPEED CAMERAS
 . FRAMING CAMERAS
 . I2S CAMERAS
 . LALLEMAND CAMERAS
 . MULTISPECTRAL BAND CAMERAS
 . PANORAMIC CAMERAS
 . PINHOLE CAMERAS
 . SCHMIDT CAMERAS
 . STREAK CAMERAS
 . TELEVISION CAMERAS
 RT CAMERA SHUTTERS
 CAMERA TUBES
 CINEMATOGRAPHY
 FOCUSING
 LENSES
 PHOTOGRAPHY
 SIM
 STREAK PHOTOGRAPHY
 ULTRAVIOLET PHOTOGRAPHY
 UNDERWATER PHOTOGRAPHY
 WIDE ANGLE LENSES

CAMEROON

GS NATIONS
 . **CAMEROON**
 RT AFRICA

CAMOUFLAGE

RT AIR DEFENSE
 COVERINGS

CAMPBELL-HAUSDORFF SERIES

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . SERIES (MATHEMATICS)
 . **CAMPBELL-HAUSDORFF SERIES**
 . REAL VARIABLES
 . SERIES (MATHEMATICS)
 . **CAMPBELL-HAUSDORFF SERIES**

CAMPHOR

GS KETONES
 . **CAMPHOR**
 TERPENES
 . **CAMPHOR**

CAMS

GS POSITIONING DEVICES (MACHINERY)
 . **CAMS**
 RT ACTUATORS
 ECCENTRICS
 INTERNAL COMBUSTION ENGINES
 LINKAGES
 MECHANICAL DEVICES

CANADA

GS NATIONS
 . **CANADA**
 . ALBERTA
 . BRITISH COLUMBIA
 . MANITOBA
 . NEW BRUNSWICK
 . NEWFOUNDLAND
 . NORTHWEST TERRITORIES
 . NOVA SCOTIA
 . ONTARIO
 . PRINCE EDWARD ISLAND
 . QUEBEC
 . SASKATCHEWAN
 . YUKON TERRITORY
 RT ANIK 1
 ANIK 2
 ANIK 3
 BEAUFORT SEA (NORTH AMERICA)
 CANADIAN SPACE PROGRAM
 CANADIAN SPACECRAFT
 COMMUNICATIONS TECHNOLOGY
 SATELLITE
 GREAT LAKES (NORTH AMERICA)
 GREAT PLAINS CORRIDOR (NORTH AMERICA)
 HUDSON BAY (CANADA)
 INTERNATIONAL FIELD YEAR FOR
 GREAT LAKES

CANADA--(cont.)

INTERNATIONAL HYDROLOGICAL
 DECADE
 LABRADOR
 LAKE CHAMPLAIN BASIN (NY-VT)
 NORTH AMERICA
 PACIFIC NORTHWEST (US)
 ROCKY MOUNTAINS (NORTH AMERICA)
 ST LAWRENCE VALLEY (NORTH AMERICA)
 WILLISTON BASIN (NORTH AMERICA)

CANADAIR AIRCRAFT

UF CANADAIR CF-104 AIRCRAFT
 CF-104 AIRCRAFT
 GS **CANADAIR AIRCRAFT**
 . CL-41 AIRCRAFT
 . CL-44 AIRCRAFT
 . CL-84 AIRCRAFT
 . CL-600 CHALLENGER AIRCRAFT
 RT ∞ AIRCRAFT
 GENERAL DYNAMICS AIRCRAFT

CANADAIR CF-104 AIRCRAFT

USE CANADAIR AIRCRAFT
 F-104 AIRCRAFT

CANADAIR CL-41 AIRCRAFT

USE CL-41 AIRCRAFT

CANADAIR CL-44 AIRCRAFT

USE CL-44 AIRCRAFT

CANADAIR CL-84 AIRCRAFT

USE CL-84 AIRCRAFT

CANADIAN SHIELD

RT GEOLOGY
 METEORITE CRATERS
 PRECAMBRIAN PERIOD

CANADIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . **CANADIAN SPACE PROGRAM**
 . ALOUETTE PROJECT
 RT AEROSPACE TECHNOLOGY TRANSFER
 ANIK SATELLITES
 ANIK 1
 ANIK 2
 ANIK 3
 CANADA
 CANADIAN SPACECRAFT
 COMMUNICATIONS TECHNOLOGY
 SATELLITE
 NASA PROGRAMS
 RADARSAT
 SCIENTIFIC SATELLITES
 SYNCHRONOUS SATELLITES
 TECHNOLOGY ASSESSMENT
 TECHNOLOGY UTILIZATION

CANADIAN SPACECRAFT

GS **CANADIAN SPACECRAFT**
 . ALOUETTE SATELLITES
 . ALOUETTE B SATELLITE
 . ALOUETTE 1 SATELLITE
 . ALOUETTE 2 SATELLITE
 . ANIK SATELLITES
 . ANIK 1
 . ANIK 2
 . ANIK 3
 . RADARSAT
 RT CANADA
 CANADIAN SPACE PROGRAM
 ∞ SPACECRAFT

CANALS

GS LANDFORMS
 . **CANALS**
 WATERWAYS
 . **CANALS**
 RT DITCHES
 FLOOD CONTROL
 FLUID FLOW
 GATES (OPENINGS)
 GREAT LAKES (NORTH AMERICA)
 IRRIGATION
 MARS SURFACE
 MATERIALS HANDLING
 PANAMA
 SEEPAGE
 STRAITS
 TROUGHS

CANALS--(cont.)
WATER FLOW

CANARD CONFIGURATIONS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT STRUCTURES
∞ CONFIGURATIONS
CONTROL SURFACES
SAAB 37 AIRCRAFT
TANDEM WING AIRCRAFT

CANARY ISLANDS
GS LANDFORMS
. ISLANDS
. . **CANARY ISLANDS**
NATIONS
. SPAIN
. . **CANARY ISLANDS**

CANBERRA AIRCRAFT
UF ENGLISH ELECTRIC CANBERRA
AIRCRAFT
GS BAC AIRCRAFT
. **CANBERRA AIRCRAFT**
JET AIRCRAFT
. **CANBERRA AIRCRAFT**
MONOPLANES
. **CANBERRA AIRCRAFT**
RT ∞ AIRCRAFT
B-57 AIRCRAFT

CANBERRA BOMBER
USE B-57 AIRCRAFT

CANCELLATION
RT CONTRACTS
ELIMINATION
REMOVAL
STOPPING

CANCELLATION CIRCUITS
GS CIRCUITS
. **CANCELLATION CIRCUITS**
RT DISPLAY DEVICES
MOVING TARGET INDICATORS
PULSE DOPPLER RADAR
RADAR

CANCER
UF CARCINOMA
SARCOMA
GS DISEASES
. TUMORS
. . NEOPLASMS
. . . **CANCER**
. . . . LEUKEMIAS
RT BONE MARROW
CARCINOGENS
CELLS (BIOLOGY)
RADIATION THERAPY
TISSUES (BIOLOGY)
ULCERS

CANISTERS
USE CANS

CANNING
GS FOOD PROCESSING
. **CANNING**
RT ENCAPSULATING
∞ FOOD

CANNONBALL 2 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . **CANNONBALL 2 SATELLITE**

CANNONS
USE GUNS (ORDNANCE)

CANNULAE
RT ∞ TUBES

CANONICAL FORMS
GS ALGEBRA
. VECTOR SPACES
. . MATRICES (MATHEMATICS)
. . . **CANONICAL FORMS**
RT FIBERS (MATHEMATICS)

CANOPIES
RT AIRCRAFT STRUCTURES
AIRFRAMES
COCKPITS

CANOPIES--(cont.)
FAIRINGS
WINDSHIELDS

CANOPIES (VEGETATION)
GS VEGETATION
. **CANOPIES (VEGETATION)**
RT FOLIAGE
FORESTS
GRASSES
LEAF AREA INDEX
LEAVES
PLANTS (BOTANY)
RAIN FORESTS
SOD
TREES (PLANTS)
VEGETATIVE INDEX

CANS
UF CANISTERS
RT ∞ CONTAINERS
DRUMS (CONTAINERS)

CANT
USE SLOPES

CANTILEVER BEAMS
GS CANTILEVER MEMBERS
. **CANTILEVER BEAMS**
STRUCTURAL MEMBERS
. BEAMS (SUPPORTS)
. . **CANTILEVER BEAMS**
RT BOX BEAMS
I BEAMS

CANTILEVER MEMBERS
GS **CANTILEVER MEMBERS**
. CANTILEVER BEAMS
. CANTILEVER PLATES
RT LEVERS

CANTILEVER PLATES
GS CANTILEVER MEMBERS
. **CANTILEVER PLATES**
STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . **CANTILEVER PLATES**
RT ANISOTROPIC PLATES

CANTILEVER WINGS
USE WINGS

CANYONS
UF COULEES
GORGES
GS LANDFORMS
. **CANYONS**
. . GRAND CANYON (AZ)
RT ARROYOS
CLIFFS
FANS (LANDFORMS)
RAVINES
RIVERS
VALLEYS
WATER EROSION

CAP CLOUDS
UF OROGRAPHIC CLOUDS
GS CLOUDS (METEOROLOGY)
. **CAP CLOUDS**
RT ATMOSPHERIC MOISTURE
CLIMATOLOGY
CLOUD COVER
METEOROLOGY
NEPHANALYSIS
PRECIPITATION (METEOROLOGY)
WEATHER

CAPACITANCE
GS ELECTRICAL PROPERTIES
. **CAPACITANCE**
RT CAPACITANCE-VOLTAGE
CHARACTERISTICS
CAPACITORS
∞ CAPACITY
DIELECTRIC PROPERTIES
ELECTRIC CHARGE
ELECTRICAL IMPEDANCE
ELECTROSTATIC CHARGE
INDUCTANCE
OPEN CIRCUIT VOLTAGE
RC CIRCUITS
REACTANCE
RLC CIRCUITS

CAPACITANCE SWITCHES
GS SWITCHES
. **CAPACITANCE SWITCHES**
RT CAPACITORS
DIELECTRICS
RLC CIRCUITS
SWITCHING CIRCUITS

CAPACITANCE-VOLTAGE CHARACTERISTICS
GS ELECTRICAL PROPERTIES
. **CAPACITANCE-VOLTAGE CHARACTERISTICS**
RT CAPACITANCE
∞ CHARACTERISTICS
ELECTRIC POTENTIAL
METAL OXIDE SEMICONDUCTORS
VOLT-AMPERE CHARACTERISTICS

CAPACITIVE FUEL GAGES
GS MEASURING INSTRUMENTS
. FUEL GAGES
. . **CAPACITIVE FUEL GAGES**
RT DIELECTRICS

CAPACITORS
RT AMPLIFIERS
BALLASTS (IMPEDANCES)
CAPACITANCE
CAPACITANCE SWITCHES
CIRCUIT PROTECTION
CIRCUITS
∞ CONDENSERS
DIELECTRICS
ELECTRETS
ELECTRIC BRIDGES
ELECTRIC ENERGY STORAGE
ELECTRIC FILTERS
ELECTRIC REACTORS
ENERGY STORAGE
GERDIEN CONDENSERS
PARALLEL PLATES
SOLID STATE DEVICES

∞ **CAPACITY**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CAPACITANCE
CHANNEL CAPACITY
OUTPUT
PRODUCTION ENGINEERING
RISK
VOLUME

CAPE HATTERAS (NC)
GS LANDFORMS
. CAPES (LANDFORMS)
. . **CAPE HATTERAS (NC)**
RT ATLANTIC OCEAN
NORTH CAROLINA

CAPE KENNEDY LAUNCH COMPLEX
GS LAUNCHING BASES
. **CAPE KENNEDY LAUNCH COMPLEX**
RT GROUND SUPPORT EQUIPMENT

CAPE VERDE
GS NATIONS
. **CAPE VERDE**
RT AFRICA
ATLANTIC OCEAN
ISLANDS

CAPES (LANDFORMS)
GS LANDFORMS
. **CAPES (LANDFORMS)**
. . CAPE HATTERAS (NC)
RT LAND

∞ **CAPILLARIES**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CAPILLARIES (ANATOMY)
CAPILLARY TUBES

CAPILLARIES (ANATOMY)
GS ANATOMY
. CIRCULATORY SYSTEM
. . CARDIOVASCULAR SYSTEM
. . . BLOOD VESSELS
. . . . **CAPILLARIES (ANATOMY)**
. GLOMERULUS
RT BLOOD

CAPILLARIES (ANATOMY)--(cont.)
 ∞ CAPILLARIES

CAPILLARY CIRCULATION
 USE CAPILLARY FLOW

CAPILLARY FLOW
 UF CAPILLARY CIRCULATION
 GS FLUID FLOW
 . CAPILLARY FLOW
 RT BLOOD FLOW
 LAMINAR FLOW
 LIQUID BRIDGES

CAPILLARY TUBES
 RT ∞ CAPILLARIES
 ∞ TUBES

CAPILLARY WAVES
 GS ELASTIC WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . . BAROCLINIC WAVES
 . . . RIPPLES
 SURFACE WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . . BAROCLINIC WAVES
 . . . RIPPLES
 RT INTERFACIAL TENSION
 TWO DIMENSIONAL FLOW
 WATER WAVES

∞ CAPS
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CAPS (EXPLOSIVES)
 COVERINGS
 NOSE CONES
 POLAR CAPS
 SEALS (STOPPERS)
 SPHERICAL CAPS

CAPS (EXPLOSIVES)
 GS EXPLOSIVE DEVICES
 . INITIATORS (EXPLOSIVES)
 . . CAPS (EXPLOSIVES)
 IGNITERS
 . INITIATORS (EXPLOSIVES)
 . . CAPS (EXPLOSIVES)
 RT ∞ CAPS
 DETONATORS
 EXPLODING WIRES
 FUSES (ORDNANCE)
 PRIMERS (EXPLOSIVES)

∞ CAPSULES
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ∞ BUCKETS
 ∞ CONTAINERS
 FUEL CAPSULES
 SHELLS (STRUCTURAL FORMS)
 SPACE CAPSULES
 TABLETS
 TEST CHAMBERS
 ∞ TEST EQUIPMENT
 TEST VEHICLES
 ∞ VESSELS

CAPSULES (SPACECRAFT)
 USE SPACE CAPSULES

CAPTIVE TESTS
 GS CAPTIVE TESTS
 . STATIC TESTS
 . . STATIC FIRING
 RT ENGINE TESTS
 GROUND TESTS
 MISSILE TESTS
 PREFIRING TESTS
 PRELAUNCH TESTS
 ∞ TESTS

CAPTURE CROSS SECTIONS
 USE ABSORPTION CROSS SECTIONS

CAPTURE EFFECT
 RT ABSORPTANCE
 ∞ ABSORPTION
 ∞ EFFECTS
 ELECTRON CAPTURE

CAPTURE EFFECT--(cont.)
 FREQUENCY MODULATION
 FREQUENCY SYNCHRONIZATION
 NUCLEAR CAPTURE
 RECOMBINATION REACTIONS
 TRAJECTORY ANALYSIS

CAPTURED AIR BUBBLE VEHICLES
 GS SURFACE VEHICLES
 . CAPTURED AIR BUBBLE VEHICLES
 WATER VEHICLES
 . CAPTURED AIR BUBBLE VEHICLES
 RT HYDROFOIL CRAFT
 SURFACE EFFECT SHIPS
 SWATH (SHIP)
 ∞ VEHICLES

CARAVELLE AIRCRAFT
 USE SE-210 AIRCRAFT

CARBAMATES (TRADENAME)
 GS ESTERS
 . CARBAMATES (TRADENAME)
 . . URETHANES

CARBAMIDES
 GS NITROGEN COMPOUNDS
 . AMIDES
 . . CARBAMIDES

CARBAZOLES
 GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . AZOLES
 . . . PYRROLES
 CARBAZOLES

CARBENES
 RT FREE RADICALS

CARBIDES
 GS CARBON COMPOUNDS
 . CARBIDES
 . . ALUMINUM CARBIDES
 . . BORON CARBIDES
 . . CEMENTITE
 . . CHROMIUM CARBIDES
 . . HAFNIUM CARBIDES
 . . MOLYBDENUM CARBIDES
 . . NIOBIUM CARBIDES
 . . SILICON CARBIDES
 . . TANTALUM CARBIDES
 . . TITANIUM CARBIDES
 . . TUNGSTEN CARBIDES
 . . URANIUM CARBIDES
 . . VANADIUM CARBIDES
 . . ZIRCONIUM CARBIDES
 RT CERAMIC NUCLEAR FUELS
 REFRACTORY MATERIALS

CARBOHYDRATE METABOLISM
 GS METABOLISM
 . CARBOHYDRATE METABOLISM
 . . HYPERGLYCEMIA
 . . HYPOGLYCEMIA
 RT CORTISONE
 DIABETES MELLITUS
 HYDROGEN METABOLISM

CARBOHYDRATES
 UF SACCHARIDES
 GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . CITRIC ACID
 . . GLUCOSIDES
 . . NUCLEOSIDES
 . . . ADENINES
 . . . GUANOSINES
 . . POLYSACCHARIDES
 . . CELLULOSE
 . . . FORTISAN (TRADEMARK)
 . . CHITIN
 . . DEXTRANS
 . . GLYCOGENS
 . . STARCHES
 . . SUGARS
 . . DEXTRANS
 . . INOSITOLS
 . . LACTOSE
 . . MANNITOL
 . . MONOSACCHARIDES
 . . . HEXOSES
 GALACTOSE

CARBOHYDRATES--(cont.)
 GLUCOSE
 PENTOSE
 RIBOSE
 XYLOSE
 . . . SUCROSE
 RT ALCOHOLS
 ETHYL ALCOHOL
 ∞ FOOD
 GLYCEROLS
 ∞ NUTRIENTS
 OPTICAL ACTIVITY
 ∞ OXYGEN COMPOUNDS
 PHOTOSYNTHESIS
 STEREOCHEMISTRY
 SYNTHETIC FOOD

CARBON
 GS CHEMICAL ELEMENTS
 . CARBON
 . . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 RT ACTIVATED CARBON
 BITUMENS
 BUCKMINSTERFULLERENE
 CHARCOAL
 COKE
 DECARBURIZATION
 DIAMONDS
 FULLERENES
 GLASSY CARBON
 GRAPHITE
 SOOT

CARBON ARCS
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . ELECTRIC ARCS
 . . . CARBON ARCS
 RT ARC LAMPS
 IMAGE FURNACES

CARBON COMPOUNDS
 SN (RESTRICTED TO INORGANIC COMPOUNDS)
 GS CARBON COMPOUNDS
 . CARBIDES
 . . ALUMINUM CARBIDES
 . . BORON CARBIDES
 . . CEMENTITE
 . . CHROMIUM CARBIDES
 . . HAFNIUM CARBIDES
 . . MOLYBDENUM CARBIDES
 . . NIOBIUM CARBIDES
 . . SILICON CARBIDES
 . . TANTALUM CARBIDES
 . . TITANIUM CARBIDES
 . . TUNGSTEN CARBIDES
 . . URANIUM CARBIDES
 . . VANADIUM CARBIDES
 . . ZIRCONIUM CARBIDES
 . CARBON DIOXIDE
 . CARBON DISULFIDE
 . CARBON MONOXIDE
 . CARBON SUBOXIDES
 . CARBON TETRACHLORIDE
 . CARBON TETRAFLUORIDE
 . CARBONATES
 . . BASTNASITE
 . . CALCIUM CARBONATES
 . . AKERMANITE
 . . ARAGONITE
 . . CALCITE
 . . CHALK
 . . DOLOMITE (MINERAL)
 . . POLYCARBONATES
 . . LEXAN (TRADEMARK)
 . . SIDERITES
 . . SODIUM CARBONATES
 . . TETRAETHYL ORTHOCARBONATES
 . HALOCARBONS
 . . CHLOROCARBONS
 . . FLUOROCARBONS
 RT CARBONACEOUS MATERIALS
 ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 HYDROCARBONS
 METHYLIDYNE
 SWAN BANDS

CARBON CYCLE
 GS CYCLES
 . CARBON CYCLE

CARBON CYCLE--(cont.)

RT ANIMALS
 ∞ BIOLOGY
 ∞ BIOMASS
 ∞ ECOLOGY
 ∞ ORGANISMS
 PLANTS (BOTANY)
 VIABILITY

CARBON DIOXIDE

GS CARBON COMPOUNDS
 . CARBON DIOXIDE
 CHALCOGENIDES
 . OXIDES
 . . DIOXIDES
 . . . CARBON DIOXIDE
 GASES
 . CARBON DIOXIDE
 RT CHLORELLA
 METABOLIC WASTES
 SYNTHANE

CARBON DIOXIDE CONCENTRATION

GS COMPOSITION (PROPERTY)
 . CHEMICAL COMPOSITION
 . . CARBON DIOXIDE CONCENTRATION
 . . . CONCENTRATION (COMPOSITION)
 . . . CARBON DIOXIDE CONCENTRATION
 . . . GAS COMPOSITION
 . . . CARBON DIOXIDE CONCENTRATION
 RT AIR PURIFICATION
 ATMOSPHERIC COMPOSITION
 CLIMATE CHANGE
 DECONTAMINATION
 REBREATHING
 SPACECRAFT CABIN ATMOSPHERES

CARBON DIOXIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . CARBON DIOXIDE LASERS
 RT CHEMICAL LASERS
 CONTINUOUS WAVE LASERS
 GAS MASERS
 INFRARED LASERS
 MACH-ZEHNDER INTERFEROMETERS
 MOLECULAR OSCILLATIONS
 ORGANIC LASERS
 POLAR GASES
 PULSED LASERS
 Q SWITCHED LASERS
 STIMULATED EMISSION
 TEA LASERS
 WAVEGUIDE LASERS

CARBON DIOXIDE REMOVAL

RT AIR PURIFICATION
 DECONTAMINATION
 REBREATHING
 REMOVAL
 SMOKE ABATEMENT

CARBON DIOXIDE TENSION

GS CARBON DIOXIDE TENSION
 . HYPERCAPNIA
 . HYPOCAPNIA

CARBON DISULFIDE

GS CARBON COMPOUNDS
 . CARBON DISULFIDE
 CHALCOGENIDES
 . SULFIDES
 . . DISULFIDES
 . . . CARBON DISULFIDE
 SULFUR COMPOUNDS
 . SULFIDES
 . . DISULFIDES
 . . . CARBON DISULFIDE

CARBON FIBER REINFORCED PLASTICS

UF CFRP
 GS COMPOSITE MATERIALS
 . FIBER COMPOSITES
 . . CARBON FIBER REINFORCED PLASTICS
 . . . CARBON-PHENOLIC COMPOSITES
 . . . POLYMER MATRIX COMPOSITES
 . . . REINFORCED PLASTICS
 . . . CARBON FIBER REINFORCED PLASTICS
 PLASTICS
 . REINFORCED PLASTICS
 . . CARBON FIBER REINFORCED PLASTICS

CARBON FIBER REINFORCED PLASTICS--(cont.)

RT BRAIDED COMPOSITES
 FIBERS
 GRAPHITE-EPOXY COMPOSITES
 LAY-UP
 PEEK
 REINFORCING FIBERS
 SUPERHYBRID MATERIALS
 WOVEN COMPOSITES

CARBON FIBERS

GS FIBERS
 . REINFORCING FIBERS
 . . CARBON FIBERS
 RT BORON FIBERS
 CARBON-PHENOLIC COMPOSITES
 CHEMICAL VAPOR INFILTRATION
 COMPOSITE MATERIALS
 FIBER COMPOSITES
 FIBER RELEASE
 ∞ FILAMENTS
 POLYACRYLONITRILE

CARBON ISOTOPES

GS CHEMICAL ELEMENTS
 . CARBON
 . . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 . . . NUCLIDES
 . . . ISOTOPES
 . . . CARBON ISOTOPES
 CARBON 12
 CARBON 13
 CARBON 14

CARBON LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . CARBON LASERS
 RT CHEMICAL LASERS
 GAS LASERS
 INFRARED LASERS
 LIQUID LASERS
 ORGANIC LASERS
 STIMULATED EMISSION

CARBON MONOXIDE

GS CARBON COMPOUNDS
 . CARBON MONOXIDE
 CHALCOGENIDES
 . OXIDES
 . . CARBON MONOXIDE
 GASES
 . CARBON MONOXIDE
 RT HOPCALITE (TRADEMARK)
 SMOG
 SYNTHANE

CARBON MONOXIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . CARBON MONOXIDE LASERS
 RT CHEMICAL LASERS
 CONTINUOUS WAVE LASERS
 INFRARED LASERS
 MOLECULAR OSCILLATIONS
 STIMULATED EMISSION
 TEA LASERS

CARBON MONOXIDE POISONING

GS DISEASES
 . TOXIC DISEASES
 . . CARBON MONOXIDE POISONING
 TOXICITY
 . CARBON MONOXIDE POISONING
 RT CARBOXYHEMOGLOBIN
 LETHALITY
 OCCUPATIONAL DISEASES
 PATHOLOGICAL EFFECTS
 ∞ POISONING

CARBON STARS

UF C STARS
 GS CELESTIAL BODIES
 . STARS
 . . GIANT STARS
 . . . RED GIANT STARS
 CARBON STARS
 LATE STARS
 COOL STARS
 CARBON STARS
 RT ASYMPTOTIC GIANT BRANCH STARS

CARBON STARS--(cont.)

IRREGULAR VARIABLE STARS
 MIRA VARIABLES
 R CORONAE BOREALIS STARS
 STELLAR COMPOSITION
 SUBGIANT STARS
 WOLF-RAYET STARS

CARBON STEELS

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . CARBON STEELS
 LOW CARBON STEELS
 RT HIGH STRENGTH STEELS

CARBON SUBOXIDES

GS CARBON COMPOUNDS
 . CARBON SUBOXIDES
 CHALCOGENIDES
 . OXIDES
 . . CARBON SUBOXIDES
 GASES
 . CARBON SUBOXIDES
 RT ∞ OXYGEN COMPOUNDS

CARBON TETRACHLORIDE

UF TETRACHLOROMETHANE
 GS CARBON COMPOUNDS
 . CARBON TETRACHLORIDE
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . CARBON TETRACHLORIDE
 . . . HALIDES
 . . . CHLORIDES
 . . . CARBON TETRACHLORIDE

CARBON TETRACHLORIDE POISONING

RT INDUSTRIAL SAFETY
 ∞ POISONING
 TOXICITY AND SAFETY HAZARD
 TOXICOLOGY

CARBON TETRAFLUORIDE

GS CARBON COMPOUNDS
 . CARBON TETRAFLUORIDE
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROHYDROCARBONS
 . . . CARBON TETRAFLUORIDE

CARBON 12

GS CHEMICAL ELEMENTS
 . CARBON
 . . CARBON ISOTOPES
 . . . CARBON 12
 . . . NUCLIDES
 . . . ISOTOPES
 CARBON ISOTOPES
 CARBON 12

CARBON 13

GS CHEMICAL ELEMENTS
 . CARBON
 . . CARBON ISOTOPES
 . . . CARBON 13
 . . . NUCLIDES
 . . . ISOTOPES
 CARBON ISOTOPES
 CARBON 13

CARBON 14

GS CHEMICAL ELEMENTS
 . CARBON
 . . CARBON ISOTOPES
 . . . CARBON 14
 . . . NUCLIDES
 . . . ISOTOPES
 CARBON ISOTOPES
 CARBON 14
 RADIOACTIVE ISOTOPES
 CARBON 14

CARBON-CARBON COMPOSITES

GS COMPOSITE MATERIALS
 . CARBON-CARBON COMPOSITES
 RT FIBER COMPOSITES

CARBON-CARBON COMPOSITES--(cont.)

FRACTURE STRENGTH
REINFORCING FIBERS
THERMAL PROTECTION
THERMAL RESISTANCE

CARBON-PHENOLIC COMPOSITES

GS COMPOSITE MATERIALS
FIBER COMPOSITES
CARBON FIBER REINFORCED
PLASTICS
CARBON-PHENOLIC COMPOSITES
RESIN MATRIX COMPOSITES
CARBON-PHENOLIC COMPOSITES
RT ABLATIVE MATERIALS
CARBON FIBERS
PHENOLIC RESINS
ROCKET NOZZLES

CARBONACEOUS CHONDRITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CARBONACEOUS METEORITES
CARBONACEOUS CHONDRITES
ALAIS METEORITE
ALLENDE METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURCHISON METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
CHONDRITES
CARBONACEOUS CHONDRITES
ALAIS METEORITE
ALLENDE METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURCHISON METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE

CARBONACEOUS MATERIALS

GS CARBONACEOUS MATERIALS
GRAPHITE
PYROLYTIC GRAPHITE
PEAT
RT CARBON COMPOUNDS
COAL
CRUDE OIL
FOSSIL FUELS
LIGNITE
MATERIALS
ORGANIC MATERIALS
SOLVENT REFINED COAL

CARBONACEOUS METEORITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CARBONACEOUS METEORITES
CARBONACEOUS CHONDRITES
ALAIS METEORITE
ALLENDE METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURCHISON METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
UREILITES
RT EXOBIOLOGY
METEORITIC COMPOSITION

CARBONACEOUS ROCKS

GS ROCKS
SEDIMENTARY ROCKS
CARBONACEOUS ROCKS
COAL
ANTHRACITE
LIGNITE
RT CARBONATES
REGOLITH
SHATTER CONES
SOILS

CARBONATES

UF BICARBONATES
GS CARBON COMPOUNDS
CARBONATES
BASTNASITE
CALCIUM CARBONATES
AKERMANITE

CARBONATES--(cont.)

ARAGONITE
CALCITE
CHALK
DOLOMITE (MINERAL)
POLYCARBONATES
LEXAN (TRADEMARK)
SIDERITES
SODIUM CARBONATES
TETRAETHYL ORTHOCARBONATES
RT ALKALIES
CARBONACEOUS ROCKS
CARBONIC ACID
OXYGEN COMPOUNDS

CARBONIC ACID

GS ACIDS
CARBONIC ACID
RT CARBONATES

CARBONIC ANHYDRASE

GS BIOPOLYMERS
PROTEINS
ENZYMES
CARBONIC ANHYDRASE
ORGANIC COMPOUNDS
PROTEINS
ENZYMES
CARBONIC ANHYDRASE
RT ACETAZOLAMIDE

CARBONIZATION

GS CHEMICAL REACTIONS
CARBONIZATION
RT CHARRING
DECARBONATION

CARBONYL COMPOUNDS

RT CHEMICAL COMPOUNDS

CARBORANE

GS BORON COMPOUNDS
BORON HYDRIDES
BORANES
CARBORANE
HYDROGEN COMPOUNDS
HYDRIDES
BORON HYDRIDES
BORANES
CARBORANE

CARBORUNDUM (TRADEMARK)

RT ABRASIVES
REFRACTORY MATERIALS
SILICON CARBIDES

CARBOXYHEMOGLOBIN

GS BIOPOLYMERS
PROTEINS
HEMOGLOBIN
CARBOXYHEMOGLOBIN
ORGANIC COMPOUNDS
PROTEINS
HEMOGLOBIN
CARBOXYHEMOGLOBIN
ORGANOMETALLIC COMPOUNDS
HEMOGLOBIN
CARBOXYHEMOGLOBIN
RT BLOOD CIRCULATION
CARBON MONOXIDE POISONING
ERYTHROCYTES

CARBOXYHEMOGLOBIN TEST

GS PHYSIOLOGICAL TESTS
CARBOXYHEMOGLOBIN TEST
RT BLOOD
HEMATOLOGY

CARBOXYL GROUP

RT CARBOXYLIC ACIDS

CARBOXYLATES

GS ESTERS
CARBOXYLATES
RT CARBOXYLIC ACIDS

CARBOXYLATION

GS CHEMICAL REACTIONS
CARBOXYLATION
RT DECARBOXYLATION

CARBOXYLIC ACIDS

GS ACIDS
CARBOXYLIC ACIDS

CARBOXYLIC ACIDS--(cont.)

ACRYLIC ACID
ALANINE
ASPARTIC ACID
CITRIC ACID
DICARBOXYLIC ACIDS
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC
ACIDS
ODOACETIC ACID
ACETYSALICYLIC ACID
BENZILIC ACID
BENZOIC ACID
LIPOIC ACID
OLEIC ACID
PALMITIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
FOLIC ACID
FORMHYDROXAMIC ACID
FORMIC ACID
HEXOGENES (TRADEMARK)
LACTIC ACID
LYSINE
NICOTINIC ACID
OXALIC ACID
OXAMIC ACIDS
TRYPTOPHAN
ORGANIC COMPOUNDS
CARBOXYLIC ACIDS
ACRYLIC ACID
ALANINE
ASPARTIC ACID
CITRIC ACID
DICARBOXYLIC ACIDS
FATTY ACIDS
ACETIC ACID
ETHYLENEDIAMINETETRAACETIC
ACIDS
ODOACETIC ACID
ACETYSALICYLIC ACID
BENZILIC ACID
BENZOIC ACID
LIPOIC ACID
OLEIC ACID
PALMITIC ACID
PROPIONIC ACID
SEBACIC ACID
VALERIC ACID
FOLIC ACID
FORMHYDROXAMIC ACID
FORMIC ACID
HEXOGENES (TRADEMARK)
LACTIC ACID
LYSINE
NICOTINIC ACID
OXALIC ACID
OXAMIC ACIDS
TRYPTOPHAN
RT CARBOXYL GROUP
CARBOXYLATES
TEREPHTHALATE

CARBURETORS

UF INJECTION CARBURETORS
RT CHOKES (FUEL SYSTEMS)
CONTACTORS
ENGINE PARTS
ENGINES
FUEL INJECTION
FUEL SYSTEMS
INJECTORS
INTERNAL COMBUSTION ENGINES
JET NOZZLES
MIXERS
PREMIXED FLAMES
THROATS

CARBURIZING

GS HARDENING (MATERIALS)
CARBURIZING
RT DECARBURIZATION

CARCINOGENS

RT CANCER
NEOPLASMS

CARCINOMA

USE CANCER

CARCINOTRONS

GS AMPLIFIERS
CARCINOTRONS

CARCINOTRONS--(cont.)

ELECTRON TUBES
 . VACUUM TUBES
 . . . MICROWAVE TUBES
 . . . TRAVELING WAVE TUBES
 **CARCINOTRONS**
 . . . MICROWAVE EQUIPMENT
 . . . MICROWAVE TUBES
 . . . TRAVELING WAVE TUBES
 **CARCINOTRONS**
 RT HELITRONS

CARDIAC AURICLES

GS ANATOMY
 . . . CIRCULATORY SYSTEM
 . . . CARDIOVASCULAR SYSTEM
 . . . HEART
 **CARDIAC AURICLES**
 RT HIS BUNDLE

CARDIAC OUTPUT

GS OUTPUT
 . . . **CARDIAC OUTPUT**
 . . . HEART MINUTE VOLUME
 . . . STROKE VOLUME
 RT BLOOD VOLUME
 . . . CARDIOVASCULAR SYSTEM
 . . . HEART FUNCTION
 . . . HEART RATE
 . . . PHYSIOLOGICAL TESTS

CARDIAC VENTRICLES

GS ANATOMY
 . . . CIRCULATORY SYSTEM
 . . . CARDIOVASCULAR SYSTEM
 . . . HEART
 **CARDIAC VENTRICLES**
 RT DIASTOLIC PRESSURE
 . . . ECHOCARDIOGRAPHY
 . . . HIS BUNDLE
 . . . SYSTOLE

CARDIOGRAMS

RT BIOMEDICAL DATA
 . . . CARDIOGRAPHY
 . . . HEART

CARDIOGRAPHY

GS BIOENGINEERING
 . . . BIOMETRICS
 **CARDIOGRAPHY**
 BALLISTOCARDIOGRAPHY
 ELECTROCARDIOGRAPHY
 MAGNETOCARDIOGRAPHY
 PHONOCARDIOGRAPHY
 ECHOCARDIOGRAPHY
 SEISMOCARDIOGRAPHY
 VECTORCARDIOGRAPHY
 RT CARDIOGRAMS
 . . . CARDIOVASCULAR SYSTEM
 . . . HEART
 . . . HEART DISEASES
 . . . HEART FUNCTION
 . . . MEDICAL EQUIPMENT
 . . . PHYSIOLOGICAL TESTS

CARDIOLOGY

GS MEDICAL SCIENCE
 . . . **CARDIOLOGY**
 RT ANGIOGRAPHY
 . . . ARTIFICIAL CARDIAC PACEMAKER
 . . . HEART
 . . . HEART DISEASES
 . . . HEART RATE
 . . . RADIOCARDIOGRAPHY

CARDIOTACHOMETERS

GS MEDICAL EQUIPMENT
 . . . **CARDIOTACHOMETERS**
 RT HEART

CARDIOVASCULAR SYSTEM

UF VASCULAR SYSTEM
 GS ANATOMY
 . . . CIRCULATORY SYSTEM
 **CARDIOVASCULAR SYSTEM**
 BLOOD VESSELS
 ARTERIES
 AORTA
 CAPILLARIES (ANATOMY)
 GLOMERULUS
 VEINS
 HEART
 CARDIAC AURICLES
 CARDIAC VENTRICLES

CARDIOVASCULAR SYSTEM--(cont.)

. EPICARDIUM
 MYOCARDIUM
 RT ANGIOGRAPHY
 BLOOD
 BLOOD VOLUME
 CARDIAC OUTPUT
 CARDIOGRAPHY
 CAROTID SINUS BODY
 CAROTID SINUS REFLEX
 CEREBRAL VASCULAR ACCIDENTS
 DIASTOLE
 FAT EMBOLISMS
 HEART DISEASES
 HEMATOPOIESIS
 HEMATOPOIETIC SYSTEM
 HEMODYNAMICS
 HEMORRHAGES
 LOWER BODY NEGATIVE PRESSURE
 STROKE VOLUME
 SYSTEMS
 SYSTOLE

CARDS

GS **CARDS**
 PUNCHED CARDS
 RT COMPUTER STORAGE DEVICES
 DATA STORAGE

CARET WINGS

GS AIRFOILS
 WINGS
 **CARET WINGS**
 PLANFORMS
 RT **CARET WINGS**
 ARROW WINGS
 DELTA WINGS
 WAVERIDERS

CARETS (TEST SITE)

USE CENTRAL ATLANTIC REGIONAL ECOL
 TEST SITE

CARGO

UF FREIGHT
 GS **CARGO**
 AIR CARGO
 AIR MAIL
 BAGGAGE
 RT AIR DROP OPERATIONS
 AIRDROPS
 DELIVERY
 FREIGHT COSTS
 HARBORS
 HAULING
 MATERIALS HANDLING
 RAILROAD HUMMING TESTS
 RAPID TRANSIT SYSTEMS
 TRANSPORTATION
 TRANSPORTATION ENERGY
 TRUCKS

CARGO AIRCRAFT

GS TRANSPORT AIRCRAFT
 **CARGO AIRCRAFT**
 BREGUET 941 AIRCRAFT
 C-1A AIRCRAFT
 C-2 AIRCRAFT
 C-5 AIRCRAFT
 C-9 AIRCRAFT
 C-46 AIRCRAFT
 C-47 AIRCRAFT
 C-54 AIRCRAFT
 C-118 AIRCRAFT
 C-119 AIRCRAFT
 C-121 AIRCRAFT
 C-123 AIRCRAFT
 C-124 AIRCRAFT
 C-130 AIRCRAFT
 C-131 AIRCRAFT
 C-133 AIRCRAFT
 C-135 AIRCRAFT
 C-140 AIRCRAFT
 C-141 AIRCRAFT
 C-160 AIRCRAFT
 CL-44 AIRCRAFT
 DC 3 AIRCRAFT
 DC 7 AIRCRAFT
 F-27 AIRCRAFT
 P-160 AIRCRAFT
 P-166 AIRCRAFT
 SPANLOADER AIRCRAFT
 YC-14 AIRCRAFT
 RT AIR CARGO
 AIRCRAFT

CARGO AIRCRAFT--(cont.)

BOEING 727 AIRCRAFT
 BOEING 737 AIRCRAFT
 BOEING 767 AIRCRAFT
 COMMERCIAL AIRCRAFT
 HEAVY LIFT HELICOPTERS
 JET AIRCRAFT
 MATERIALS HANDLING
 MERCURE AIRCRAFT
 MH-262 AIRCRAFT
 . . . MILITARY AIRCRAFT
 . . . MONOPLANES
 . . . PASSENGER AIRCRAFT
 . . . SC-7 AIRCRAFT
 . . . SUPERSONIC TRANSPORTS
 . . . T-39 AIRCRAFT
 . . . TU-154 AIRCRAFT
 . . . UTILITY AIRCRAFT
 . . . VC-10 AIRCRAFT

CARGO SHIPS

UF LOTS CARGO SHIPS
 GS SURFACE VEHICLES
 **CARGO SHIPS**
 SAVANNAH NUCLEAR SHIP
 TANKER SHIPS
 WATER VEHICLES
 SHIPS
 **CARGO SHIPS**
 SAVANNAH NUCLEAR SHIP
 TANKER SHIPS
 RT ARTIFICIAL HARBORS
 DEEPWATER TERMINALS
 NUCLEAR POWERED SHIPS
 OFFSHORE DOCKING
 OFFSHORE PLATFORMS
 SHIPYARDS
 TANKER TERMINALS
 WHARVES

CARGO SPACECRAFT

RT FERRY SPACECRAFT
 SPACECRAFT

CARGOMASTER AIRCRAFT

USE C-133 AIRCRAFT

CARIBBEAN REGION

RT ANTIGUA AND BARBUDA
 BAHAMAS
 BARBADOS
 BELIZE
 CUBA
 DEVELOPING NATIONS
 DOMINICAN REPUBLIC
 FRENCH GUIANA
 GRENADA
 GUYANA
 HAITI
 JAMAICA
 MARTINIQUE
 SURINAM
 TRINIDAD AND TOBAGO
 VIRGIN ISLANDS
 WEST INDIES

CARIBBEAN SEA

GS SEAS
 **CARIBBEAN SEA**
 RT BELIZE
 CUBA
 DOMINICAN REPUBLIC
 GULF OF MEXICO
 GULF STREAM
 HAITI
 PANAMA CANAL ZONE
 VIRGIN ISLANDS

CARIBOU AIRCRAFT

USE DHC 4 AIRCRAFT

CARIBOUS

GS ANIMALS
 VERTEBRATES
 MAMMALS
 DEER
 **CARIBOUS**

CARNITINE

GS ORGANIC COMPOUNDS
 CYCLIC COMPOUNDS
 HETEROCYCLIC COMPOUNDS
 **CARNITINE**
 VITAMINS
 **CARNITINE**

CARNOT CYCLE

- GS CYCLES
 - . THERMODYNAMIC CYCLES
 - . . **CARNOT CYCLE**
- RT ADIABATIC CONDITIONS
 - . RANKINE CYCLE
 - . STIRLING CYCLE

CAROTENE

- GS ORGANIC COMPOUNDS
 - . HYDROCARBONS
 - . . **CAROTENE**
 - . PIGMENTS
 - . . **CAROTENE**
- RT RETINENE
 - . SKIN (ANATOMY)

CAROTID SINUS BODY

- RT ARTERIES
 - . BLOOD VESSELS
 - . CARDIOVASCULAR SYSTEM
 - . CAROTID SINUS REFLEX
 - . CHEMORECEPTORS
 - . CIRCULATORY SYSTEM
 - . NERVES
 - . SINUSES

CAROTID SINUS REFLEX

- GS REFLEXES
 - . **CAROTID SINUS REFLEX**
- RT ARTERIES
 - . BLOOD VESSELS
 - . CARDIOVASCULAR SYSTEM
 - . CAROTID SINUS BODY
 - . CIRCULATORY SYSTEM
 - . HEART FUNCTION
 - . NERVES
 - . SINUSES

CARPATHIAN MOUNTAINS (EUROPE)

- GS LANDFORMS
 - . MOUNTAINS
 - . . **CARPATHIAN MOUNTAINS (EUROPE)**
- RT EUROPE

CARRIAGES

- RT CARTS
 - . CHASSIS
 - . DOLLIES
 - . FRAMES
 - . LANDING GEAR
 - . SUPPORTS
 - . UNDERCARRIAGES

CARRIER DENSITY (SOLID STATE)

- GS DENSITY (NUMBER/VOLUME)
 - . PARTICLE DENSITY (CONCENTRATION)
 - . . ELECTRON DENSITY
 - . . (CONCENTRATION)
 - . . . **CARRIER DENSITY (SOLID STATE)**
- RT ACCEPTOR MATERIALS
 - . CARRIER LIFETIME
 - . CARRIER TRANSPORT (SOLID STATE)
- ∞ CARRIERS
 - . DONOR MATERIALS
 - . ELECTRON-HOLE DROPS
 - . SEMICONDUCTORS (MATERIALS)
 - . ZENER EFFECT

CARRIER FREQUENCIES

- GS FREQUENCIES
 - . **CARRIER FREQUENCIES**
- RT CARRIER TO NOISE RATIOS
 - . FREQUENCY DIVISION MULTIPLEXING
 - . HARMONIC GENERATIONS
 - . MODULATION
 - . MULTIPLEXING
 - . RADIO FREQUENCIES
 - . SINGLE CHANNEL PER CARRIER
 - . TRANSMISSION
 - . SWEEP FREQUENCY
 - . UNIFIED S BAND

CARRIER INJECTION

- GS INJECTION
 - . **CARRIER INJECTION**
- RT ADDITIVES
 - . BARRITT DIODES
 - . BIPOLAR TRANSISTORS
 - . CARRIER LIFETIME
 - . CHARGE CARRIERS
 - . CHARGE TRANSFER
 - . INJECTION LOCKING
 - . ION INJECTION
 - . MAJORITY CARRIERS

CARRIER INJECTION--(cont.)

- . MINORITY CARRIERS
- . RADIATIVE RECOMBINATION
- . SEMICONDUCTORS (MATERIALS)
- . SUHL EFFECT
- . TRAVELING SOLVENT METHOD

CARRIER LIFETIME

- GS LIFE (DURABILITY)
 - . **CARRIER LIFETIME**
- RT CARRIER DENSITY (SOLID STATE)
 - . CARRIER INJECTION
 - . CARRIER MOBILITY
 - . CARRIER TRANSPORT (SOLID STATE)
 - . CHARGE CARRIERS
 - . MINORITY CARRIERS
 - . SOLAR CELLS

CARRIER MOBILITY

- GS ELECTRICAL PROPERTIES
 - . **CARRIER MOBILITY**
 - . . ELECTRON MOBILITY
 - . . HOLE MOBILITY
 - . MOBILITY
 - . **CARRIER MOBILITY**
 - . . ELECTRON MOBILITY
 - . . HOLE MOBILITY
 - . TRANSPORT PROPERTIES
 - . **CARRIER MOBILITY**
 - . . ELECTRON MOBILITY
 - . . HOLE MOBILITY
- RT CARRIER LIFETIME
 - . ELECTRICAL RESISTIVITY
 - . ELECTROMAGNETIC PROPERTIES
 - . EXCITONS
 - . HALL EFFECT
 - . ION IMPLANTATION
 - . SUPERCONDUCTORS

CARRIER MODULATION

- USE MODULATION

CARRIER ROCKETS

- USE LAUNCH VEHICLES

CARRIER SYSTEMS

- USE WIRELESS COMMUNICATION

CARRIER TO NOISE RATIOS

- RT CARRIER FREQUENCIES
 - . COMMUNICATION SATELLITES
 - . DATA TRANSMISSION
 - . DOWNLINKING
 - . EARTH TERMINALS
 - . FREQUENCY MODULATION
 - . SIGNAL TO NOISE RATIOS
 - . TRANSMISSION EFFICIENCY
 - . UPLINKING

CARRIER TRANSPORT (SOLID STATE)

- RT CARRIER DENSITY (SOLID STATE)
 - . CARRIER LIFETIME
 - . DIFFUSION LENGTH
 - . ENERGY CONVERSION EFFICIENCY
 - . SOLAR CELLS

CARRIER WAVES

- UF SUBCARRIER WAVES
- RT MODULATION
 - . RADIO SPECTRA

∞ CARRIERS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AIRCRAFT CARRIERS
 - . CARRIER DENSITY (SOLID STATE)
 - . CHARGE CARRIERS
 - . ZENER EFFECT

CARRINGTON ROTATION

- USE SOLAR ROTATION

CARTAN SPACE

- RT COMPRESSIBLE FLOW
 - . FLUID FLOW
 - . POTENTIAL FLOW
- ∞ SPACE

CARTESIAN COORDINATES

- UF RECTANGULAR COORDINATES
- GS COORDINATES
 - . **CARTESIAN COORDINATES**
 - . GEOMETRY

CARTESIAN COORDINATES--(cont.)

- . EUCLIDEAN GEOMETRY
- . . **CARTESIAN COORDINATES**
- . CYLINDRICAL COORDINATES
- . OBLIQUE COORDINATES

CARTILAGE

- GS ANATOMY
 - . MUSCULOSKELETAL SYSTEM
 - . . CONNECTIVE TISSUE
 - . . . **CARTILAGE**
- RT BONES
 - . LARYNX

CARTOGRAPHY

- USE MAPPING

CARTRIDGE ACTUATED DEVICES

- USE ACTUATORS
 - . EXPLOSIVE DEVICES

CARTRIDGES

- RT CASES (CONTAINERS)
 - . CONTAINERS
 - . PACKAGES
 - . PROJECTILES
 - . PROPELLANTS

CARTS

- RT CARRIAGES
 - . MATERIALS HANDLING
 - . UNDERCARRIAGES

CASCADE CONTROL

- UF MULTILOOP SYSTEMS
- GS AUTOMATIC CONTROL
 - . FEEDBACK CONTROL
 - . . **CASCADE CONTROL**
- RT ∞ CASCADES
 - . ∞ CONTROL
 - . ELECTRONIC CONTROL
 - . OPTICAL CONTROL
 - . REMOTE CONTROL

CASCADE FLOW

- GS FLUID FLOW
 - . **CASCADE FLOW**
- RT ∞ CASCADES
 - . OUTLET FLOW
 - . TURBOMACHINE BLADES

CASCADE RANGE (CA-OR-WA)

- GS LAND
 - . **CASCADE RANGE (CA-OR-WA)**
 - . LANDFORMS
 - . MOUNTAINS
 - . . **CASCADE RANGE (CA-OR-WA)**
- RT CALIFORNIA
 - . OREGON
 - . UNITED STATES
 - . WASHINGTON

CASCADE WIND TUNNELS

- GS TEST FACILITIES
 - . WIND TUNNELS
 - . . HYPERSONIC WIND TUNNELS
 - . . . **CASCADE WIND TUNNELS**
 - . . . HYPERVELOCITY WIND TUNNELS
 - . . . **CASCADE WIND TUNNELS**
- RT HYPERSONIC FLOW
 - . SHOCK TUNNELS

∞ CASCADES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CASCADE CONTROL
 - . CASCADE FLOW
 - . CIRCUITS
 - . COSMIC RAY SHOWERS
 - . ELECTRON PHOTON CASCADES

CASCADES (FLUID DYNAMICS)

- USE FLUID DYNAMICS

CASCODE MOSFET

- USE FIELD EFFECT TRANSISTORS

CASE BONDED PROPELLANTS

- GS PROPELLANTS
 - . SOLID PROPELLANTS
 - . . **CASE BONDED PROPELLANTS**
- RT AMMUNITION
 - . COMPOSITE PROPELLANTS

CASE BONDED PROPELLANTS--(cont.)

EXPLOSIVES
HYBRID PROPELLANTS
INHIBITORS
PLASTICIZERS
SOLID ROCKET PROPELLANTS

CASE HISTORIES

GS HISTORIES
RT **CASE HISTORIES**
ANTHROPOLOGY
BIOGRAPHY
CLINICAL MEDICINE
DOCUMENTATION
ETIOLOGY
PHENOMENOLOGY
RECORDS
SOCIOLOGY

CASES (CONTAINERS)

GS **CASES (CONTAINERS)**
ROCKET ENGINE CASES
RT BOXES (CONTAINERS)
CARTRIDGES
CONTAINERS
MISSILE BODIES
PACKAGES
SHELVES

CASING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COVERINGS
ENCLOSURE
JACKETS
LININGS
PIPES (TUBES)
SHEATHS

CASKS

USE BARRELS (CONTAINERS)

CASPIAN SEA

GS SEAS
RT **CASPIAN SEA**
COASTS

CASSEGRAIN ANTENNAS

GS ANTENNAS
RT **CASSEGRAIN ANTENNAS**
ANTENNA DESIGN
GREGORIAN ANTENNAS
PARABOLIC ANTENNAS
REFLECTOR ANTENNAS
SUBREFLECTORS
TWO REFLECTOR ANTENNAS

CASSEGRAIN OPTICS

RT FIBER OPTICS
GEOMETRICAL OPTICS
MIRRORS
OPTICS
REFLECTING TELESCOPES
TELESCOPES

CASSINI MISSION

GS SPACE MISSIONS
RT **CASSINI MISSION**
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
INTERNATIONAL COOPERATION
MARINER MARK 2 SPACECRAFT
MISSIONS
NASA SPACE PROGRAMS
SATURN (PLANET)
SPACE EXPLORATION
SPACE PROBES
TITAN

CASSIOPEIA A

GS CELESTIAL BODIES
NEBULAE
RT **CASSIOPEIA A**
RADIO SOURCES (ASTRONOMY)
CASSIOPEIA A
ORION NEBULA

CASSIOPEIA CONSTELLATION

GS CONSTELLATIONS
RT **CASSIOPEIA CONSTELLATION**
CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CAST ALLOYS

GS ALLOYS
RT **CAST ALLOYS**
CASTINGS
MECHANICAL PROPERTIES
MICROSTRUCTURE
RHEOCASTING
SQUEEZE CASTING

CASTIGLIANO VARIATIONAL THEOREM

GS THEOREMS
RT **CASTIGLIANO VARIATIONAL THEOREM**
CALCULUS OF VARIATIONS
ENERGY METHODS
EULER-LAGRANGE EQUATION
STRESS ANALYSIS
STRUCTURAL ANALYSIS

CASTING

GS FORMING TECHNIQUES
RT **CASTING**
CENTRIFUGAL CASTING
INVESTMENT CASTING
PROPELLANT CASTING
RHEOCASTING
SAND CASTING
SLIP CASTING
SQUEEZE CASTING
BAKING
BILLETS
DIES
EXTRUDING
FORGING
INCLUSIONS
INGOTS
LIQUID METALS
MELTING
METAL WORKING
METALLURGY
MICROSTRUCTURE
MOLDING MATERIALS
MOLDS
MUSHY ZONES
PINHOLES
POLYMERIC FILMS
POURING
PULTRUSION
RESIN TRANSFER MOLDING
SHRINKAGE
SOLIDIFICATION

CASTING SOLVENTS

USE PLASTICIZERS

CASTINGS

GS **CASTINGS**
INGOTS
PROPELLANT CASTING
RT BILLETS
CAST ALLOYS
DEFECTS
DEGASSING
FLAT PATTERNS
INCLUSIONS
MICROSTRUCTURE
MOLDS
PINHOLES
POURING
RISERS
SOLIDIFICATION

CASTOR OIL

GS OILS
RT **CASTOR OIL**
ORGANIC COMPOUNDS
LIPIDS
CASTOR OIL
FATTY ACIDS

CASTOR 2 ENGINE

USE TX-354 ENGINE

CASTS

RT DAMAGE ASSESSMENT
GAUZE
PLASTERS
SPLINTS

CASUALTIES

RT DEATH
DISASTERS
EVACUATING (TRANSPORTATION)

CAT SCANNER

USE COMPUTER AIDED TOMOGRAPHY

CATABOLISM

GS METABOLISM
RT **CATABOLISM**
PHYSIOLOGY

CATACLYSMIC VARIABLES

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
CATACLYSMIC VARIABLES
VARIABLE STARS
CATACLYSMIC VARIABLES
RT DWARF STARS
ECLIPSING BINARY STARS
FLARE STARS
HOT STARS
NOVAE
PERIODIC VARIATIONS
SOLAR OSCILLATIONS
STELLAR FLARES
STELLAR MASS EJECTION
STELLAR OSCILLATIONS
WHITE DWARF STARS

CATALASE

GS BIOPOLYMERS
PROTEINS
ENZYMES
RT **CATALASE**
ORGANIC COMPOUNDS
PROTEINS
ENZYMES
CATALASE
CELLS (BIOLOGY)

CATALOGS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ASTRONOMICAL CATALOGS
CATALOGS (PUBLICATIONS)
HARDWARE UTILIZATION LISTS
INDEXES (DOCUMENTATION)
LISTS

CATALOGS (PUBLICATIONS)

GS DOCUMENTS
RT **CATALOGS (PUBLICATIONS)**
ASTRONOMICAL CATALOGS
CATALOGS (PUBLICATIONS)
HARDWARE UTILIZATION LISTS
INDEXES (DOCUMENTATION)
LISTS

CATALYSIS

GS **CATALYSIS**
AUTOCATALYSIS
RT ACCELERATION
ACTIVATION
CATALYTIC ACTIVITY
CRACKING (CHEMICAL ENGINEERING)
FISCHER-TROPSCH PROCESS
REACTION KINETICS

CATALYSTS

GS **CATALYSTS**
ELECTROCATALYSTS
HOPCALITE (TRADEMARK)
ZIEGLER CATALYST
RT ACCELERATING AGENTS
ADDITIVES
ADMIXTURES
COAL DERIVED GASES
COAL DERIVED LIQUIDS
ENZYMES
GRIGNARD REACTIONS
HIGH ENERGY FUELS
INHIBITORS
INITIATORS
PLATINUM BLACK
PROPELLANT ADDITIVES
REAGENTS
RETARDANTS

CATALYTIC ACTIVITY

RT ACTIVITY (BIOLOGY)
AUTOCATALYSIS
CATALYSIS
CRACKING (CHEMICAL ENGINEERING)
FISCHER-TROPSCH PROCESS

CATAPULTS

- GS LAUNCHERS
 - . CATAPULTS
 - . . . ROCKET CATAPULTS
- RT AIRCRAFT LAUNCHING DEVICES
 - MISSILE LAUNCHERS
 - SEA LAUNCHING

CATARACTS

- GS DISEASES
 - . EYE DISEASES
 - . . CATARACTS
- RT LENSES
 - ∞ OCCUPATIONAL DISEASES

CATASTROPHE THEORY

- RT DISCONTINUITY
 - DIVERGENCE
 - PREDICTIONS
 - ∞ THEORIES
 - TOPOLOGY

CATCHERS

- RT ELECTRON BUNCHING
 - KLYSTRONS
 - OUTPUT

CATCHMENT AREAS

- USE WATERSHEDS

CATECHOLAMINE

- GS AMINES
 - . CATECHOLAMINE
 - . . EPINEPHRINE
 - . . . NOREPINEPHRINE
- RT HORMONES
 - NEUROTRANSMITTERS

CATEGORIES

- RT CATALOGS (PUBLICATIONS)
 - CLASSES
 - ∞ GROUPS
 - ∞ SECTIONS

CATENARIES

- GS GEOMETRY
 - . CURVES (GEOMETRY)
 - . . CATENARIES
 - . . EUCLIDEAN GEOMETRY
 - . . ANALYTIC GEOMETRY
 - . . . CATENARIES

CATHETERIZATION

- RT BLOOD VESSELS
 - INTRAVENOUS PROCEDURES

CATHETOMETERS

- GS MEASURING INSTRUMENTS
 - . OPTICAL MEASURING INSTRUMENTS
 - . . CATHETOMETERS
- OPTICAL EQUIPMENT
 - OPTICAL MEASURING INSTRUMENTS
 - . . CATHETOMETERS

CATHODE GLOW

- GS EMISSION
 - . LIGHT EMISSION
 - . . LUMINESCENCE
 - . . . CATHODE GLOW
- RT CATHODOLUMINESCENCE
 - GLOW DISCHARGES
 - RAREFIED PLASMAS

CATHODE RAY TUBES

- GS ELECTRON TUBES
 - . VACUUM TUBES
 - . . CATHODE RAY TUBES
 - . . . PICTURE TUBES
- RT DISPLAY DEVICES
 - ELECTRON GUNS
 - ELECTRON OPTICS
 - IMAGE TUBES
 - MAGNETIC LENSES
 - OSCILLOSCOPES
 - PRINTERS
 - RASTER SCANNING
 - TELEVISION EQUIPMENT
 - VIDEO EQUIPMENT

CATHODES

- GS ELECTRODES
 - . CATHODES
 - . . CELL CATHODES
 - . . HOLLOW CATHODES

CATHODES--(cont.)

- . . . TUBE CATHODES
- . . . GOLD CATHODES
- . . . HOT CATHODES
- . . . PHOTOCATHODES
- . . . THERMIONIC CATHODES
- . . . TUNNEL CATHODES
- RT ANODES
 - COLD CATHODE TUBES
 - ELECTRODE MATERIALS
 - ELECTRON EMISSION
 - ∞ FILAMENTS
 - FREQUENCY MODULATION
 - PHOTOMULTIPLIERS
 - PHOTOMULTIPLIER TUBES
 - PHOTOTUBES
 - THERMIONICS
 - TUBE ANODES

CATHODIC COATINGS

- GS COATINGS
 - . CATHODIC COATINGS
- RT ANODIC COATINGS
 - CLADDING
 - ELECTRODE MATERIALS
 - ELECTRODEPOSITION
 - ELECTROPLATING
 - METAL OXIDES
 - OXIDE FILMS
 - OXIDES
 - PLATING

CATHODOLUMINESCENCE

- GS EMISSION
 - . LIGHT EMISSION
 - . . LUMINESCENCE
 - . . . CATHODOLUMINESCENCE
- RT CATHODE GLOW
 - LIGHT SOURCES
 - VISIBLE SPECTRUM

CATHOLYTES

- GS CONDUCTORS
 - . ELECTROLYTES
 - . . CATHOLYTES
- RT ANOLYTES
 - CELL CATHODES
 - DIAPHRAGMS (MECHANICS)

CATIONS

- GS IONS
 - . POSITIVE IONS
 - . . CATIONS
 - . . . FORMYL IONS
 - . . . VANADYL RADICAL
- RT ANIONS
 - CELL CATHODES
 - IONIC MOBILITY
 - METAL IONS

CATS

- GS ANIMALS
 - . VERTEBRATES
 - . . MAMMALS
 - . . . CATS

CATT DEVICES

- UF CONTROLLED AVALANCHE TRANSIT
 - TIME DEVICES
- RT ELECTRON AVALANCHE
 - POWER GAIN
 - TRANSIT TIME
 - TRIODES

CATTLE

- GS ANIMALS
 - . VERTEBRATES
 - . . MAMMALS
 - . . . CATTLE
 - . . . CALVES
- RT GRAZING
 - LIVESTOCK
 - RANGELANDS

CATV

- USE CABLE TELEVISION

CAUCASUS MOUNTAINS (U.S.S.R.)

- GS LANDFORMS
 - . MOUNTAINS
 - . . CAUCASUS MOUNTAINS (U.S.S.R.)
- RT U.S.S.R.

CAUCHY INTEGRAL FORMULA

- GS ANALYSIS (MATHEMATICS)
 - . COMPLEX VARIABLES
 - . . CAUCHY INTEGRAL FORMULA

CAUCHY PROBLEM

- UF RIEMANN PROBLEM
- GS BOUNDARY VALUE PROBLEMS
 - . CAUCHY PROBLEM
- RT DIFFERENTIAL EQUATIONS
 - ∞ PROBLEMS

CAUCHY-RIEMANN EQUATIONS

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . DIFFERENTIAL EQUATIONS
 - . . . PARTIAL DIFFERENTIAL EQUATIONS
 - CAUCHY-RIEMANN EQUATIONS
- RT ANALYTIC FUNCTIONS
 - ∞ EQUATIONS

CAULKING

- RT MOISTURE RESISTANCE
 - PLUGGING
 - SEALING
 - WATERPROOFING

CAUSES

- RT ∞ EFFECTS
 - ETIOLOGY
 - ∞ ORIGINS
 - ∞ SOURCES

CAUSTIC LINES

- RT FLIGHT PATHS
 - SHOCK WAVES
 - SONIC BOOMS
 - SUPERSONIC FLIGHT
 - WAVE FRONTS

CAUSTICS

- USE ALKALIES

CAUSTICS (OPTICS)

- RT DIFFRACTION
 - FRACTURE MECHANICS
- ∞ OPTICS
 - POLARIZED RADIATION
- ∞ RAYS
 - SURFACE DEFECTS

CAVES

- RT CAVITIES
 - KARST
 - KETTLES (GEOLOGY)
 - UNDERGROUND STRUCTURES

CAVITATION

- USE CAVITATION FLOW

CAVITATION CORROSION

- GS CORROSION
 - . CAVITATION CORROSION
- RT CAVITATION FLOW
 - CORROSION PREVENTION
 - CORROSION RESISTANCE
 - CORROSION TESTS
 - EROSION

CAVITATION FLOW

- UF CAVITATION
 - GASEOUS CAVITATION
- GS FLUID FLOW
 - . TURBULENT FLOW
 - . . CAVITATION FLOW
- RT BUBBLES
 - CAVITATION CORROSION
 - EROSION
 - FLOW DISTRIBUTION
 - IMPINGEMENT
 - SEPARATED FLOW
 - SUPERCavitating FLOW
 - ULTRASONIC CLEANING
 - VORTICES
 - WAKES
 - WATER

CAVITIES

- UF BORES
- RT APERTURES
 - BOREHOLES
 - CAVES
 - CAVITY FLOW
 - ∞ CELLS

CAVITIES--(cont.)

CRACK GEOMETRY
 CRACKS
 DEFECTS
 DUCTS
 GAS POCKETS
 HOLE DISTRIBUTION (MECHANICS)
 ∞ HOLES
 HOLES (MECHANICS)
 ∞ HOLLOW
 INTERSTICES
 KARST
 KETTLES (GEOLOGY)
 LEAKAGE
 OPENINGS
 ORIFICES
 OUTLETS
 PASSAGEWAYS
 PERFORATED PLATES
 PERFORATED SHELLS
 ∞ PERFORATION
 PORTS (OPENINGS)
 RECESSES
 TOOTH DISEASES
 VENTS
 VOIDS

CAVITONS

RT ELECTRIC FIELDS
 PLASMA DENSITY
 PLASMA PHYSICS
 PLASMA RESONANCE

CAVITY FLOW

GS FLUID FLOW
 . CAVITY FLOW
 RT CAVITIES
 CHANNEL FLOW
 CORNER FLOW
 DUCTED FLOW
 ENGINE INLETS
 ∞ FLOW
 FLUID BOUNDARIES
 OPEN CHANNEL FLOW
 PIPE FLOW

CAVITY RESONATORS

UF RESONANT CAVITIES
 GS RESONATORS
 . CAVITY RESONATORS
 . . SUPERCONDUCTING CAVITY
 . . . RESONATORS
 RT CIRCULATORS (PHASE SHIFT CIRCUITS)
 CYCLOTRON RESONANCE DEVICES
 ELECTRON TUBES
 FIELD MODE THEORY
 HELMHOLTZ RESONATORS
 KLYSTRONS
 MAGNETRONS
 MICROWAVE RESONANCE
 MULTIMODE RESONATORS
 OSCILLATORS
 RESONANT FREQUENCIES
 TRAVELING WAVE MASERS
 VELOCITY MODULATION

CAVITY VAPOR GENERATORS

RT ∞ GENERATORS
 VAPORIZERS
 VAPORS

CAYS

USE KEYS (ISLANDS)

CC-106 AIRCRAFT

USE CL-44 AIRCRAFT

CCD

USE CHARGE COUPLED DEVICES

CCD STAR TRACKER

UF STELLAR (STAR TRACKER)
 GS TRACKING (POSITION)
 . STAR TRACKERS
 . . CCD STAR TRACKER
 RT CELESTIAL NAVIGATION
 CHARGE COUPLED DEVICES
 SPACECRAFT GUIDANCE

CD-ROM

GS COMPUTER STORAGE DEVICES
 . READ-ONLY MEMORY DEVICES
 . . CD-ROM
 RT DATA BASES

CD-ROM--(cont.)

INFORMATION RETRIEVAL
 INFORMATION SYSTEMS
 OPTICAL DISKS
 OPTICAL MEMORY (DATA STORAGE)

CDC COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 74 COMPUTER
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 CDC CYBER 175 COMPUTER
 CDC CYBER 174 COMPUTER
 CDC CYBER 203 COMPUTER
 CDC CYBER 205 COMPUTER
 CDC STAR 100 COMPUTER
 CDC 160-A COMPUTER
 CDC 1604 COMPUTER
 CDC 3100 COMPUTER
 CDC 3200 COMPUTER
 CDC 3600 COMPUTER
 CDC 3800 COMPUTER
 CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER
 CDC 6600 COMPUTER
 CDC 6700 COMPUTER
 CDC 7000 SERIES COMPUTERS
 CDC 7600 COMPUTER
 CDC 8090 COMPUTER
 RT DIGITAL COMPUTERS

CDC CYBER 74 COMPUTER

UF CYBER 74 COMPUTER
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 74 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC CYBER 74 COMPUTER

CDC CYBER 170 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 CDC CYBER 175 COMPUTER
 DIGITAL COMPUTERS
 CDC CYBER 170 SERIES
 COMPUTERS

CDC CYBER 174 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 174 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC CYBER 174 COMPUTER

CDC CYBER 175 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 CDC CYBER 175 COMPUTER

CDC CYBER 203 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 203 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC CYBER 203 COMPUTER

CDC CYBER 205 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC CYBER 205 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC CYBER 205 COMPUTER

CDC STAR 100 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC STAR 100 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC STAR 100 COMPUTER

CDC 160-A COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 160-A COMPUTER
 . . . DIGITAL COMPUTERS
 CDC 160-A COMPUTER

CDC 1604 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 1604 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC 1604 COMPUTER

CDC 3100 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 3100 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC 3100 COMPUTER

CDC 3200 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 3200 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC 3200 COMPUTER

CDC 3600 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 3600 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC 3600 COMPUTER

CDC 3800 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 3800 COMPUTER
 . . . DIGITAL COMPUTERS
 CDC 3800 COMPUTER

CDC 6000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER
 CDC 6600 COMPUTER
 CDC 6700 COMPUTER
 DIGITAL COMPUTERS
 CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER
 CDC 6600 COMPUTER
 CDC 6700 COMPUTER

CDC 6400 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER
 DIGITAL COMPUTERS
 CDC 6000 SERIES COMPUTERS
 CDC 6400 COMPUTER

CDC 6600 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 6000 SERIES COMPUTERS
 CDC 6600 COMPUTER
 DIGITAL COMPUTERS
 CDC 6000 SERIES COMPUTERS
 CDC 6600 COMPUTER

CDC 6700 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . CDC COMPUTERS
 . . . CDC 6000 SERIES COMPUTERS
 CDC 6700 COMPUTER
 DIGITAL COMPUTERS
 CDC 6000 SERIES COMPUTERS
 CDC 6700 COMPUTER

CDC 7000 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT

CDC 7000 SERIES COMPUTERS--(cont.)

- . COMPUTERS
- . CDC COMPUTERS
- . CDC 7000 SERIES COMPUTERS
- . CDC 7600 COMPUTER
- . DIGITAL COMPUTERS
- . CDC 7000 SERIES COMPUTERS
- . CDC 7600 COMPUTER

CDC 7600 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . CDC COMPUTERS
- . CDC 7000 SERIES COMPUTERS
- . CDC 7600 COMPUTER
- . DIGITAL COMPUTERS
- . CDC 7000 SERIES COMPUTERS
- . CDC 7600 COMPUTER

CDC 8090 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . CDC COMPUTERS
- . CDC 8090 COMPUTER
- . DIGITAL COMPUTERS
- . CDC 8090 COMPUTER

CDMA

- USE CODE DIVISION MULTIPLE ACCESS

CEDAR RAPIDS (IA)

- GS CITIES
- . CEDAR RAPIDS (IA)
- RT IOWA

CEFOAM CHECKOUT EQUIPMENT

- RT CHECKOUT
- ∞ TEST EQUIPMENT

CEILING (AIRCRAFT CAPABILITY)

- RT ∞ AIRCRAFT
- AIRCRAFT SPECIFICATIONS
- ∞ CEILINGS
- FLIGHT ALTITUDE
- FLIGHT CHARACTERISTICS

∞ CEILINGS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CEILING (AIRCRAFT CAPABILITY)
- CEILINGS (ARCHITECTURE)
- CEILINGS (METEOROLOGY)

CEILINGS (ARCHITECTURE)

- RT BUILDINGS
- ∞ CEILINGS
- ∞ DIFFUSERS
- FLOORS
- INSULATION
- PANELS
- REFLECTORS

CEILINGS (METEOROLOGY)

- RT AIRCRAFT LANDING
- ∞ CEILINGS
- CLOUD HEIGHT INDICATORS
- METEOROLOGICAL PARAMETERS
- METEOROLOGY
- VISIBILITY

CEILOMETERS

- USE CLOUD HEIGHT INDICATORS

CELESCOPES

- GS ELECTRON TUBES
- . VACUUM TUBES
- . MICROWAVE TUBES
- . CELESCOPES
- MICROWAVE EQUIPMENT
- . MICROWAVE TUBES
- . CELESCOPES
- MIRRORS
- . CELESCOPES
- OPTICAL EQUIPMENT
- . IMAGE CONVERTERS
- . CELESCOPES
- TELESCOPES
- . CELESCOPES
- RT SOLAR INSTRUMENTS

CELESTIAL BODIES

- GS CELESTIAL BODIES
- . ASTEROID BELTS

CELESTIAL BODIES--(cont.)

- . ASTEROIDS
- . AMOR ASTEROID
- . AMPHITRITE ASTEROID
- . APOLLO ASTEROIDS
- . CERES ASTEROID
- . CHIRON
- . ICARUS ASTEROID
- . TORO ASTEROID
- . VESTA ASTEROID
- . BLAZARS
- . BL LACERTAE OBJECTS
- . COMET HEADS
- . COMET NUCLEI
- . COMET TAILS
- . COMETS
- . AREND-ROLAND COMET
- . AUSTIN COMET
- . BRORSEN-METCALF COMET
- . ENCKE COMET
- . GIACOBINI-ZINNER COMET
- . GRIGG-SKJELLERUP COMET
- . HALLEY'S COMET
- . HUMASON COMET
- . IRAS-ARAKI-ALCOCK COMET
- . KOHOUTEK COMET
- . MOREHOUSE COMET
- . MRKOS COMET
- . OKAZAKI-LEVY-RUDENKO COMET
- . SCHWASSMANN-WACHMANN COMET
- . TEMPEL 2 COMET
- . WEST COMET
- . FAINT OBJECTS
- . GALAXIES
- . ACTIVE GALAXIES
- . MARKARIAN GALAXIES
- . RADIO GALAXIES
- . SEYFERT GALAXIES
- . COMPACT GALAXIES
- . DISK GALAXIES
- . DWARF GALAXIES
- . ELLIPTICAL GALAXIES
- . GALACTIC CLUSTERS
- . LOCAL GROUP (ASTRONOMY)
- . VIRGO GALACTIC CLUSTER
- . INTERACTING GALAXIES
- . IRREGULAR GALAXIES
- . MAFFEI GALAXIES
- . MAGELLANIC CLOUDS
- . PECULIAR GALAXIES
- . RING GALAXIES
- . SHELL GALAXIES
- . SPIRAL GALAXIES
- . ANDROMEDA GALAXY
- . BARRED GALAXIES
- . MILKY WAY GALAXY
- . STARBURST GALAXIES
- . INFRARED SOURCES (ASTRONOMY)
- . INFRARED STARS
- . METEORITES
- . IRON METEORITES
- . AROOS METEORITE
- . LAZAREV METEORITE
- . ODESSA METEORITE
- . SIKHOTE-LIN METEORITE
- . MICROMETEORITES
- . STONY METEORITES
- . ACHONDRITES
- . BONDOC METEORITE
- . CHASSIGNITES
- . KAPOETA ACHONDRITE
- . NAKHLITES
- . NORTON COUNTY ACHONDRITE
- . SHERGOTTITES
- . UREILITES
- . CARBONACEOUS METEORITES
- . CARBONACEOUS CHONDRITES
- . ALAIS METEORITE
- . ALLENDE METEORITE
- . COLD BOKKEVELD METEORITE
- . IVUNA METEORITE
- . MURCHISON METEORITE
- . MURRAY METEORITE
- . ORGUEIL METEORITE
- . TONK METEORITE
- . UREILITES
- . CHONDRITES
- . BRUDERHEIM METEORITE
- . CARBONACEOUS CHONDRITES
- . ALAIS METEORITE
- . ALLENDE METEORITE
- . COLD BOKKEVELD METEORITE
- . IVUNA METEORITE
- . MURCHISON METEORITE
- . MURRAY METEORITE
- . ORGUEIL METEORITE

CELESTIAL BODIES--(cont.)

- TONK METEORITE
- HARLETON METEORITE
- HVITTIS CHONDRITE
- OKHANSK METEORITE
- PANTAR CHONDRITES
- PRIBRAM METEORITE
- TEKTITES
- AUSTRALITES
- BEDIASITES
- TUNGUSK METEORITE
- STONY-IRON METEORITES
- METEOROID SHOWERS
- AQUARIID METEORIDS
- ARIETID METEORIDS
- CYRILLID METEORIDS
- DRACONID METEORIDS
- GEMINID METEORIDS
- LEONID METEORIDS
- ORIONID METEORIDS
- PERSEID METEORIDS
- QUADRANTID METEORIDS
- TAURID METEORIDS
- METEORIDS
- AQUARIID METEORIDS
- ARIETID METEORIDS
- BOLIDES
- CYRILLID METEORIDS
- DRACONID METEORIDS
- GEMINID METEORIDS
- LEONID METEORIDS
- MICROMETEORIDS
- METEOROID DUST CLOUDS
- ZODIACAL DUST
- ORIONID METEORIDS
- PERSEID METEORIDS
- QUADRANTID METEORIDS
- RADIO METEORS
- SPORADIC METEORIDS
- TAURID METEORIDS
- MOONLETS
- NATURAL SATELLITES
- CHARON
- ICY SATELLITES
- ARIEL
- CALLISTO
- DIONE
- ENCELADUS
- EUROPA
- GANYMEDE
- HYPERION
- IAPETUS
- MIMAS
- RHEA (ASTRONOMY)
- TETHYS
- TITANIA
- JUPITER SATELLITES
- AMALTHEA
- GALILEAN SATELLITES
- CALLISTO
- EUROPA
- GANYMEDE
- IO
- MARS SATELLITES
- DEIMOS
- PHOBOS
- MOON
- NEPTUNE SATELLITES
- NEREID
- TRITON
- SATURN SATELLITES
- DIONE
- ENCELADUS
- HYPERION
- IAPETUS
- JANUS
- MIMAS
- PHOEBE
- RHEA (ASTRONOMY)
- TETHYS
- TITAN
- URANUS SATELLITES
- ARIEL
- MIRANDA
- OBERON
- TITANIA
- UMBRIEL
- NEBULAE
- CASSIOPEIA A
- CRAB NEBULA
- GUM NEBULA
- H I REGIONS
- H II REGIONS
- HERBIG-HARO OBJECTS
- ORION NEBULA
- PLANETARY NEBULAE

CELESTIAL BODIES--(cont.)

- .. REFLECTION NEBULAE
- .. PLANETARY RINGS
- .. JUPITER RINGS
- .. SATURN RINGS
- .. URANUS RINGS
- .. PLANETS
- .. EXTRASOLAR PLANETS
- .. GAS GIANT PLANETS
- .. JUPITER (PLANET)
- .. NEPTUNE (PLANET)
- .. SATURN (PLANET)
- .. URANUS (PLANET)
- .. PLUTO (PLANET)
- .. TERRESTRIAL PLANETS
- .. EARTH (PLANET)
- .. MARS (PLANET)
- .. MERCURY (PLANET)
- .. VENUS (PLANET)
- .. PROTOPLANETS
- .. RADIO SOURCES (ASTRONOMY)
- .. CASSIOPEIA A
- .. EXTRAGALACTIC RADIO SOURCES
- .. RADIO GALAXIES
- .. RADIO JETS (ASTRONOMY)
- .. QUASARS
- .. RADIO STARS
- .. PULSARS
- .. SOLAR SYSTEM
- .. STAR CLUSTERS
- .. GLOBULAR CLUSTERS
- .. OPEN CLUSTERS
- .. PLEIADES CLUSTER
- .. PRAESEPE STAR CLUSTERS
- .. STARS
- .. BLACK HOLES (ASTRONOMY)
- .. BROWN DWARF STARS
- .. DOUBLE STARS
- .. BINARY STARS
- .. CATAclysmic VARIABLES
- .. COMPANION STARS
- .. NEMESIS (STAR)
- .. ECLIPSING BINARY STARS
- .. DWARF NOVAE
- .. LAMBDA TAURI STARS
- .. ZETA AURIGAE STAR
- .. SIGMA ORIONIS
- .. SYMBIOTIC STARS
- .. X RAY BINARIES
- .. EARLY STARS
- .. HOT STARS
- .. A STARS
- .. B STARS
- .. SIGMA ORIONIS
- .. BLUE STARS
- .. O STARS
- .. WHITE DWARF STARS
- .. WOLF-RAYET STARS
- .. F STARS
- .. G STARS
- .. SUN
- .. GIANT STARS
- .. ASYMPTOTIC GIANT BRANCH STARS
- .. OMICRON CETI STAR
- .. RED GIANT STARS
- .. CARBON STARS
- .. HORIZONTAL BRANCH STARS
- .. INFRARED STARS
- .. LATE STARS
- .. COOL STARS
- .. CARBON STARS
- .. FLARE STARS
- .. K STARS
- .. M STARS
- .. VAN BIESBROECK STAR
- .. MIRA VARIABLES
- .. OMICRON CETI STAR
- .. S STARS
- .. MAGNETIC STARS
- .. MAIN SEQUENCE STARS
- .. DWARF STARS
- .. DWARF NOVAE
- .. FLARE STARS
- .. RED DWARF STARS
- .. SUN
- .. MASSIVE STARS
- .. METALLIC STARS
- .. NEUTRON STARS
- .. PULSARS
- .. PECULIAR STARS
- .. SHELL STARS
- .. SIGMA ORIONIS
- .. SYMBIOTIC STARS
- .. PRAESEPE STAR CLUSTERS
- .. PROTOSTARS

CELESTIAL BODIES--(cont.)

- .. PRE-MAIN SEQUENCE STARS
- .. T TAURI STARS
- .. RADIO STARS
- .. PULSARS
- .. REFERENCE STARS
- .. SUBDWARF STARS
- .. SUBGIANT STARS
- .. SUPERGIANT STARS
- .. R CORONAE BOREALIS STARS
- .. SUPERMASSIVE STARS
- .. TRIPLE STARS
- .. VARIABLE STARS
- .. CATAclysmic VARIABLES
- .. CEPHEID VARIABLES
- .. FLARE STARS
- .. IRREGULAR VARIABLE STARS
- .. R CORONAE BOREALIS STARS
- .. LAMBDA TAURI STARS
- .. MIRA VARIABLES
- .. OMICRON CETI STAR
- .. NOVAE
- .. DWARF NOVAE
- .. HERCULES NOVA
- .. SEMIREGULAR VARIABLE STARS
- .. SUPERNOVAE
- .. SUPERNOVA 1987A
- .. SYMBIOTIC STARS
- .. T TAURI STARS
- .. WHITE HOLES (ASTRONOMY)
- .. X RAY STARS
- .. X RAY BINARIES
- .. STELLAR SYSTEMS
- .. ARIES CONSTELLATION
- .. ASTEROID CAPTURE
- .. ASTRODYNAMICS
- .. ASTROLABES
- .. ASTRONOMICAL OBSERVATORIES
- .. ASTRONOMY
- .. ASTROPHYSICS
- .. BODIES
- .. CASSIOPEIA CONSTELLATION
- .. CENTAURUS CONSTELLATION
- .. CORONA BOREALIS CONSTELLATION
- .. CYGNUS CONSTELLATION
- .. GRAVITATIONAL WAVES
- .. IMPACT MELTS
- .. INTERSTELLAR MATTER
- .. LYRA CONSTELLATION
- .. ORBITS
- .. SOLAR NEIGHBORHOOD
- .. SPACE FLIGHT
- .. UNIVERSE

CELESTIAL GEODESY

- GS GEODESY
- .. CELESTIAL GEODESY
- RT EXPLORER 29 SATELLITE
- EXPLORER 36 SATELLITE
- GEODETIC SATELLITES
- GEOS 1 SATELLITE
- GEOS 2 SATELLITE
- GEOS 3 SATELLITE
- INTERNATIONAL SATELLITE GEODESY EXPERIMENT
- TIME

CELESTIAL MECHANICS

- GS CLASSICAL MECHANICS
- .. SPACE MECHANICS
- .. CELESTIAL MECHANICS
- RT ASTRODYNAMICS
- ASTRONOMY
- ASTROPHYSICS
- EPHEMERIDES
- EQUATIONS OF MOTION
- FOUR BODY PROBLEM
- GRAVITATIONAL WAVES
- HYPERBOLIC TRAJECTORIES
- LAGRANGIAN EQUILIBRIUM POINTS
- LONG TERM EFFECTS
- MANY BODY PROBLEM
- MECHANICS (PHYSICS)
- ORBITAL MECHANICS
- ORBITAL RESONANCES (CELESTIAL MECHANICS)
- ORBITS
- PERTURBATION THEORY
- PLANETS
- ROCHE LIMIT
- SCHACH EFFECT
- SOLAR SYSTEM
- STARS
- STELLAR ORBITS
- SUN

CELESTIAL MECHANICS--(cont.)

- .. TERRESTRIAL PLANETS
- .. THREE BODY PROBLEM
- .. TRAJECTORY ANALYSIS
- .. TROJAN ORBITS
- .. TWO BODY PROBLEM
- .. WOLF-RAYET STARS

CELESTIAL NAVIGATION

- GS NAVIGATION
- .. CELESTIAL NAVIGATION
- .. ASTROGUIDE NAVIGATION SYSTEM
- .. ASTRONAVIGATION
- RT AIR NAVIGATION
- AUTONOMOUS NAVIGATION
- CCD STAR TRACKER
- INERTIAL NAVIGATION
- INJECTION GUIDANCE
- INTERPLANETARY NAVIGATION
- POLAR NAVIGATION
- RADAR NAVIGATION
- RADIO NAVIGATION
- REFERENCE STARS
- SOLAR POSITION
- SPACE NAVIGATION
- SPACECRAFT GUIDANCE
- STAR TRACKERS
- SURFACE NAVIGATION

CELESTIAL OBSERVATION

- USE ASTRONOMY

CELESTIAL REFERENCE SYSTEMS

- RT AIR NAVIGATION
- ASTRONOMICAL COORDINATES
- ASTRONOMICAL MAPS
- AZIMUTH
- COORDINATES
- GEOCENTRIC COORDINATES
- INERTIAL REFERENCE SYSTEMS
- INTERPLANETARY NAVIGATION
- INTERSTELLAR TRAVEL
- PLANETOCENTRIC COORDINATES
- REFERENCE SYSTEMS
- SOLAR LONGITUDE
- SPHERICAL COORDINATES
- SYSTEMS

CELESTIAL SPHERE

- GS SYMMETRICAL BODIES
- .. BODIES OF REVOLUTION
- .. SPHERES
- .. CELESTIAL SPHERE
- RT ARIES CONSTELLATION
- ASTRONOMICAL MAPS
- CASSIOPEIA CONSTELLATION
- CENTAURUS CONSTELLATION
- CONSTELLATIONS
- CORONA BOREALIS CONSTELLATION
- CYGNUS CONSTELLATION
- HORIZON
- LYRA CONSTELLATION
- ORBITAL POSITION ESTIMATION
- PLANISPHERES
- ZENITH

CELL ANODES

- GS ELECTRODES
- .. ANODES
- .. CELL ANODES
- RT ANIONS
- ANOLYTES
- CELL CATHODES
- ELECTRODE MATERIALS

CELL CATHODES

- GS ELECTRODES
- .. CATHODES
- .. CELL CATHODES
- RT CATHOLYTES
- CATIONS
- CELL ANODES
- ELECTRODE MATERIALS
- ELECTRODEPOSITION

CELL DIVISION

- GS CYTOGENESIS
- .. CELL DIVISION
- RT DIVISION
- MITOSIS
- REPRODUCTION (BIOLOGY)

CELL MEMBRANES (BIOLOGY)

- GS MEMBRANES
- .. CELL MEMBRANES (BIOLOGY)

CELL MEMBRANES (BIOLOGY)--(cont.)

RT CELLS (BIOLOGY)
CYTOLOGY
OSMOSIS

CELLOPHANE

RT CELLULOSE
∞ POLYMERS

∞ CELLS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT ACTIVATION (BIOLOGY)
CAVITIES
CELLS (BIOLOGY)
COMPARTMENTS
CORES
ELECTROCHEMICAL CELLS
ELECTROLYTIC CELLS
FILLERS
FUEL CELLS
GEOPHYSICAL FLUID FLOW CELLS
HEXAGONAL CELLS
HONEYCOMB STRUCTURES
KERR CELLS
LITHIUM SULFUR BATTERIES
PARTICLE IN CELL TECHNIQUE
PHOTOCONDUCTIVE CELLS
PHOTOELECTRIC CELLS
PHOTOVOLTAIC CELLS
POROUS MATERIALS
RESOLUTION CELL
SOLAR CELLS
TISSUES (BIOLOGY)
TOPOLOGY

CELLS (BIOLOGY)

UF BIOLOGICAL CELLS
GS **CELLS (BIOLOGY)**
∞ BLOOD CELLS
∞ ERYTHROCYTES
∞ RETICULOCYTES
∞ HEMOCYTES
∞ LEUKOCYTES
∞ EOSINOPHILS
∞ LYMPHOCYTES
∞ EUKARYOTES
∞ FIBROBLASTS
∞ GAMETOCYTES
∞ EGGS
∞ SPERMATOCYTES
∞ MACROPHAGES
∞ NEURONS
∞ AXONS
∞ NEUROBLASTS
∞ PROKARYOTES
∞ PROTOPLASTS
RT ANATOMY
∞ BIOLOGY
∞ CANCER
CATALASE
CELL MEMBRANES (BIOLOGY)
∞ CELLS
CHLOROPHYLLS
CHLOROPLASTS
CHROMOSOMES
CYTOGENESIS
CYTOLOGY
CYTOMETRY
CYTOPLASM
ENDOPLASMIC RETICULUM
ENDOTHELIUM
GANGLIA
HEMATOPOIESIS
HEMOGLOBIN
HISTOCHEMICAL ANALYSIS
KREBS CYCLE
LYSOSOMES
MITOCHONDRIA
MITOSIS
MUTAGENS
MUTATIONS
NEUROGLIA
NEUROTRANSMITTERS
NUCLEI (CYTOLOGY)
ORGANELLES
ORGANS
PLASMOLYSIS
SARCOPLASMIC RETICULUM
TISSUES (BIOLOGY)

CELLULAR MATERIALS (NON BIOLOGICAL)

USE FOAMS

CELLULOSE

GS ORGANIC COMPOUNDS
∞ CARBOHYDRATES
∞ POLYSACCHARIDES
∞ **CELLULOSE**
∞ FORTISAN (TRADEMARK)
RT CELLOPHANE
LIGNIN
MASONITE (TRADEMARK)
SYNTHETIC FOOD
TENITE
WOOD

CELLULOSE NITRATE

UF NITROCELLULOSE
PYROXYLIN
GS ESTERS
∞ ORGANIC NITRATES
∞ **CELLULOSE NITRATE**
EXPLOSIVES
∞ **CELLULOSE NITRATE**
NITROGEN COMPOUNDS
∞ NITRATES
∞ ORGANIC NITRATES
∞ **CELLULOSE NITRATE**
RT DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS

CEMENTATION

RT ADHESIVE BONDING
AGGLOMERATION
AGGLUTINATION
BONDING
HEATING
PRECIPITATION (CHEMISTRY)

CEMENTITE

GS CARBON COMPOUNDS
∞ CARBIDES
∞ **CEMENTITE**
RT IRON ALLOYS
MICROSTRUCTURE
PEARLITE
STEELS

CEMENTS

RT ADHESIVES
BINDERS (MATERIALS)
BRICKS
CONCRETES
∞ CONSTRUCTION MATERIALS
GROUT
MASONRY
MORTARS (MATERIAL)
SEALING

CEMS SYSTEM

USE CENTRAL ELECTRONIC MANAGEMENT
SYSTEM

CENOZOIC ERA

GS **CENOZOIC ERA**
∞ TERTIARY PERIOD
RT CRETACEOUS-TERTIARY BOUNDARY
EXTINCTION
GEOCHRONOLOGY
PALEONTOLOGY

CENSORED DATA (MATHEMATICS)

GS DATA PROCESSING
∞ **CENSORED DATA (MATHEMATICS)**
RT APPROXIMATION
∞ DATA
ERROR ANALYSIS
PROBABILITY DENSITY FUNCTIONS
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

CENSUS

RT ANIMALS
DEMOGRAPHY
HUMAN BEINGS
∞ STATISTICS
URBAN PLANNING

CENTAUR LAUNCH VEHICLE

UF CENTAUR VEHICLE
GS LAUNCH VEHICLES
∞ **CENTAUR LAUNCH VEHICLE**
∞ ATLAS CENTAUR LAUNCH VEHICLE
ROCKET VEHICLES
∞ **CENTAUR LAUNCH VEHICLE**

CENTAUR LAUNCH VEHICLE--(cont.)

∞ ATLAS CENTAUR LAUNCH VEHICLE
RT ATLAS D ICBM
LIQUID PROPELLANT ROCKET ENGINES
SATURN PROJECT
TITAN CENTAUR LAUNCH VEHICLE

CENTAUR PROJECT

GS PROGRAMS
∞ NASA PROGRAMS
∞ NASA SPACE PROGRAMS
∞ **CENTAUR PROJECT**
PROJECTS
∞ **CENTAUR PROJECT**
SPACE PROGRAMS
∞ NASA SPACE PROGRAMS
∞ **CENTAUR PROJECT**
RT ATLAS CENTAUR LAUNCH VEHICLE
LAUNCH VEHICLES
MARINER PROGRAM
RL-10 ENGINES
SURVEYOR PROJECT

CENTAUR VEHICLE

USE CENTAUR LAUNCH VEHICLE

CENTAURUS CONSTELLATION

GS CONSTELLATIONS
∞ **CENTAURUS CONSTELLATION**
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CENTER OF GRAVITY

UF BARYCENTER
RT CENTER OF MASS
∞ CENTERS
CENTROIDS
GRAVITATIONAL FIELDS
LUNAR ROTATION
MASS
MOMENTS OF INERTIA

CENTER OF MASS

GS MASS
∞ **CENTER OF MASS**
RT CENTER OF GRAVITY
MASCONS
WEIGHT (MASS)

CENTER OF PRESSURE

RT ∞ CENTERS
HYDROSTATIC PRESSURE
MOMENTS OF INERTIA
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE HEADS

CENTERBODIES

RT AFTERBODIES
AIRCRAFT STRUCTURES
∞ BODIES
CYLINDRICAL BODIES
FOREBODIES
FUSELAGES

∞ CENTERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CENTER OF GRAVITY
CENTER OF PRESSURE
COLOR CENTERS
CONCENTRICITY
FOCI
LOCI
WORLD DATA CENTERS

CENTIMETER WAVES

GS ELECTROMAGNETIC RADIATION
∞ RADIO WAVES
∞ SHORT WAVE RADIATION
∞ MICROWAVES
∞ **CENTIMETER WAVES**
RT COSMIC NOISE
EXTRATERRESTRIAL RADIO WAVES
MICROWAVE FREQUENCIES
SUPERHIGH FREQUENCIES

CENTRAL AFRICAN REPUBLIC

GS NATIONS
∞ **CENTRAL AFRICAN REPUBLIC**
RT AFRICA

CENTRAL AMERICA

RT BELIZE
COSTA RICA
EL SALVADOR
GUATEMALA
HONDURAS
NICARAGUA
NORTH AMERICA
PANAMA
PANAMA CANAL ZONE
REGIONS
SOUTH AMERICA

CENTRAL ATLANTIC REGION (US)

GS REGIONS
. CENTRAL ATLANTIC REGION (US)
RT UNITED STATES

CENTRAL ATLANTIC REGIONAL ECOL TEST SITE

SN (CENTRAL ATLANTIC REGIONAL
ECOLOGICAL TEST SITE)
UF CARETS (TEST SITE)
GS SITES
. CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE
TEST FACILITIES
. CENTRAL ATLANTIC REGIONAL ECOL
TEST SITE
RT ECOLOGY
ENVIRONMENT PROTECTION

CENTRAL BULGE (GALAXIES)

USE GALACTIC BULGE

CENTRAL ELECTRONIC MANAGEMENT SYSTEM

UF CEMS SYSTEM
GS DATA PROCESSING
. CENTRAL ELECTRONIC MANAGEMENT
SYSTEM
RT MANAGEMENT
∞ SYSTEMS

CENTRAL EUROPE

RT AUSTRIA
CONTINENTS
CZECHOSLOVAKIA
EAST GERMANY
EUROPE
HUNGARY
POLAND
ROMANIA
WEST GERMANY

CENTRAL NERVOUS SYSTEM

GS ANATOMY
. NERVOUS SYSTEM
. CENTRAL NERVOUS SYSTEM
... BRAIN
... BRAIN STEM
... CEREBELLUM
... CEREBRAL VENTRICLES
... CEREBRUM
... CEREBRAL CORTEX
... OCCIPITAL LOBES
... DIENCEPHALON
... HYPOTHALAMUS
... PINEAL GLAND
... THALAMUS
... HIPPOCAMPUS
... SPINAL CORD
RT BLOOD-BRAIN BARRIER
PSYCHOPHARMACOLOGY
PSYCHOTROPIC DRUGS
∞ SYSTEMS

CENTRAL NERVOUS SYSTEM DEPRESSANTS

GS DEPRESSANTS
. CENTRAL NERVOUS SYSTEM
DEPRESSANTS
DRUGS
. CENTRAL NERVOUS SYSTEM
DEPRESSANTS
RT AMO BARBITAL
PSYCHOPHARMACOLOGY
∞ SYSTEMS
TRANQUILIZERS

CENTRAL NERVOUS SYSTEM STIMULANTS

GS DRUGS
. STIMULANTS
. CENTRAL NERVOUS SYSTEM
STIMULANTS
RT AMPHETAMINES
PSYCHOPHARMACOLOGY
∞ SYSTEMS

CENTRAL PIEDMONT (US)

GS LANDFORMS
. TERRACES (LANDFORMS)
... PLATEAUS
... PIEDMONT
... CENTRAL PIEDMONT (US)
RT MOUNTAINS

CENTRAL PROCESSING UNITS

UF PROCESSORS (COMPUTERS)
GS CENTRAL PROCESSING UNITS
. ARITHMETIC AND LOGIC UNITS
RT COMPUTER COMPONENTS
COMPUTER STORAGE DEVICES
COMPUTERS
CONTROL UNITS (COMPUTERS)
LOGIC CIRCUITS
MICROPROCESSORS
REGISTERS (COMPUTERS)

CENTRIFUGAL CASTING

GS FORMING TECHNIQUES
. CASTING
RT INVESTMENT CASTING

CENTRIFUGAL COMPRESSORS

GS COMPRESSORS
. CENTRIFUGAL COMPRESSORS
TURBOMACHINERY
. CENTRIFUGAL COMPRESSORS
RT BLOWERS
COMPRESSOR BLADES
COMPRESSOR ROTORS
IMPELLERS
PUMP IMPELLERS
PUMPS
RADIAL FLOW
ROTORS
SUPERCHARGERS
TURBOCOMPRESSORS

CENTRIFUGAL FORCE

RT ANGULAR ACCELERATION
CENTRIFUGES
CENTRIPETAL FORCE
∞ FORCE
GOERTLER INSTABILITY

CENTRIFUGAL PUMPS

GS PUMPS
. CENTRIFUGAL PUMPS
TURBOMACHINERY
. CENTRIFUGAL PUMPS
RT AXIAL FLOW PUMPS
FUEL PUMPS
IMPELLERS
PUMP IMPELLERS
TURBINE PUMPS
TURBOCOMPRESSORS

CENTRIFUGES

UF CYCLONES (EQUIPMENT)
GS CENTRIFUGES
. HUMAN CENTRIFUGES
RT CENTRIFUGAL FORCE
CENTRIFUGING
CENTRIPETAL FORCE
CLASSIFIERS
CONCENTRATORS
EXTRACTION
FLIGHT SIMULATORS
FLUID FILTERS
HIGH GRAVITY ENVIRONMENTS
SEPARATORS
SPACE SIMULATORS
∞ TEST EQUIPMENT
TRAINING SIMULATORS

CENTRIFUGING

RT CENTRIFUGES
CONCENTRATING
EXTRACTION
MATERIALS RECOVERY
∞ SEPARATION
SWIRLING

CENTRIFUGING STRESS

GS INVERSIONS
. TEMPERATURE INVERSIONS
. CENTRIFUGING STRESS
STRESS (PHYSIOLOGY)
. ACCELERATION STRESSES
(PHYSIOLOGY)
. CENTRIFUGING STRESS

CENTRIFUGING STRESS--(cont.)

RT ACCELERATION TOLERANCE
GRAVITATIONAL PHYSIOLOGY

CENTRIPETAL FORCE

RT ANGULAR ACCELERATION
CENTRIFUGAL FORCE
CENTRIFUGES
∞ FORCE
REVOLVING

CENTROIDS

RT CENTER OF GRAVITY
MOMENTS OF INERTIA

CENTURION AIRCRAFT

USE CESSNA 210 AIRCRAFT

CEPHALAGIA

USE HEADACHE

CEPHALPODS

GS ANIMALS
. INVERTEBRATES
... MOLLUSKS
... CEPHALPODS
... OCTOPUSES

CEPHEID VARIABLES

GS CELESTIAL BODIES
. STARS
... VARIABLE STARS
... CEPHEID VARIABLES
RT CEPHEUS CONSTELLATION

CEPHEUS CONSTELLATION

GS CONSTELLATIONS
. CEPHEUS CONSTELLATION
RT CEPHEID VARIABLES

CEPSTRA

GS SPECTRA
. POWER SPECTRA
... CEPSTRA
RT QUEFRENCIES

CEPSTRAL ANALYSIS

GS DATA PROCESSING
. SIGNAL ANALYSIS
... CEPSTRAL ANALYSIS
... VOICE DATA PROCESSING
... CEPSTRAL ANALYSIS
SPECTRUM ANALYSIS
RT ACOUSTIC MEASUREMENT
AUDIO FREQUENCIES
ECHOES
MULTIPATH TRANSMISSION
POWER SPECTRA
SIGNAL REFLECTION
SIGNATURE ANALYSIS
SPECTRAL SIGNATURES
SPEECH RECOGNITION
TIME LAG
VIBRATION MEASUREMENT

CERAMAL PROTECTIVE COATINGS

USE CERMETS
PROTECTIVE COATINGS

CERAMALS

USE CERMETS

CERAMIC BONDING

GS BONDING
. CERAMIC BONDING
RT CERAMIC MATRIX COMPOSITES
CERAMICS

CERAMIC COATINGS

SN (COATINGS CONSISTING OF CERAMIC
MATERIALS)
GS COATINGS
. INORGANIC COATINGS
... CERAMIC COATINGS
... PROTECTIVE COATINGS
... CERAMIC COATINGS
RT FINISHES
METAL COATINGS
PORCELAIN
SPRAYED COATINGS
VACUUM DEPOSITION

CERAMIC FIBERS

- GS FIBERS
 - . SYNTHETIC FIBERS
 - . . . **CERAMIC FIBERS**
- RT BORON CARBIDES
 - CERAMIC MATRIX COMPOSITES
 - CERAMICS
 - CHEMICAL VAPOR INFILTRATION
 - COMPOSITE WRAPPING
 - CORDAGE
 - FIBER COMPOSITES
 - FIBER ORIENTATION
 - FIBER STRENGTH
 - FILAMENT WINDING
 - ∞ FILAMENTS
 - POLYCARBOSILANES
 - REINFORCING FIBERS
 - SILICON CARBIDES
 - STRANDS
 - TITANIUM CARBIDES

CERAMIC HONEYCOMBS

- RT CERAMIC MATRIX COMPOSITES
 - HONEYCOMB CORES
 - HONEYCOMB STRUCTURES

CERAMIC MATRIX COMPOSITES

- GS COMPOSITE MATERIALS
 - . **CERAMIC MATRIX COMPOSITES**
- RT AIRCRAFT CONSTRUCTION MATERIALS
 - BORON REINFORCED MATERIALS
 - CERAMIC BONDING
 - CERAMIC FIBERS
 - CERAMIC HONEYCOMBS
 - CERAMICS
 - CERMETS
 - CHEMICAL VAPOR INFILTRATION
 - COMPOSITE STRUCTURES
 - FUNCTIONALLY GRADIENT MATERIALS
 - MATRIX MATERIALS
 - REINFORCING FIBERS
 - SILICON NITRIDES
 - TITANIUM CARBIDES
 - TITANIUM NITRIDES

CERAMIC NUCLEAR FUELS

- GS CERAMICS
 - . **CERAMIC NUCLEAR FUELS**
 - FUELS
 - . NUCLEAR FUELS
 - . . . **CERAMIC NUCLEAR FUELS**
- RT CARBIDES
 - CERMETS
 - NITRIDES
 - PLUTONIUM COMPOUNDS
 - PLUTONIUM OXIDES
 - SOL-GEL PROCESSES
 - THORIUM COMPOUNDS
 - URANIUM CARBIDES
 - URANIUM COMPOUNDS
 - URANIUM OXIDES

CERAMIC-METAL COMPOSITES

- USE CERMETS

CERAMICS

- GS CERAMICS
 - . CERAMIC NUCLEAR FUELS
 - . PORCELAIN
 - . PYROCERAM (TRADEMARK)
- RT ABRASIVES
 - BAKELITE (TRADEMARK)
 - BRICKS
 - CERAMIC BONDING
 - CERAMIC FIBERS
 - CERAMIC MATRIX COMPOSITES
 - CERMETS
 - CLAYS
 - DIELECTRICS
 - FRIT
 - GLASS
 - GLAZES
 - HEAT ENGINES
 - HIGH TEMPERATURE
 - . SUPERCONDUCTORS
 - INJECTION MOLDING
 - MASONRY
 - ∞ MATERIALS SCIENCE
 - MORTARS (MATERIAL)
 - PHOTOACOUSTIC MICROSCOPY
 - PYROLYTIC MATERIALS
 - REACTION BONDING
 - REFRACTORIES
 - REFRACTORY COATINGS
 - REFRACTORY MATERIALS

CERAMICS--(cont.)

- SIALON
- SILICON DIOXIDE
- TILES
- VITRIFICATION
- YBCO SUPERCONDUCTORS

CEREBELLUM

- GS ANATOMY
 - . NERVOUS SYSTEM
 - . . CENTRAL NERVOUS SYSTEM
 - . . . BRAIN
 - **CEREBELLUM**

CEREBRAL CORTEX

- GS ANATOMY
 - . NERVOUS SYSTEM
 - . . CENTRAL NERVOUS SYSTEM
 - . . . BRAIN
 - CEREBRUM
 - **CEREBRAL CORTEX**
- RT ∞ CORTEXES

CEREBRAL VASCULAR ACCIDENTS

- RT CARDIOVASCULAR SYSTEM
 - ∞ STROKES

CEREBRAL VENTRICLES

- GS ANATOMY
 - . NERVOUS SYSTEM
 - . . CENTRAL NERVOUS SYSTEM
 - . . . BRAIN
 - **CEREBRAL VENTRICLES**
- RT CEREBROSPINAL FLUID
 - CEREBRUM

CEREBROSPINAL FLUID

- GS BODY FLUIDS
 - . **CEREBROSPINAL FLUID**
- RT BRAIN
 - CEREBRAL VENTRICLES
 - ∞ FLUIDS

CEREBRUM

- GS ANATOMY
 - . NERVOUS SYSTEM
 - . . CENTRAL NERVOUS SYSTEM
 - . . . BRAIN
 - **CEREBRUM**
 - CEREBRAL CORTEX
 - OCCIPITAL LOBES
- RT CEREBRAL VENTRICLES

CERENKOV COUNTERS

- GS MEASURING INSTRUMENTS
 - . COUNTERS
 - . . RADIATION COUNTERS
 - . . . **CERENKOV COUNTERS**
 - . . . RADIATION MEASURING INSTRUMENTS
 - . . . RADIATION COUNTERS
 - **CERENKOV COUNTERS**
- RT SCINTILLATION COUNTERS

CERENKOV EFFECT

- USE CERENKOV RADIATION

CERENKOV RADIATION

- UF CERENKOV EFFECT
- GS ELECTROMAGNETIC RADIATION
 - . **CERENKOV RADIATION**
- RT BREMSSTRAHLUNG
 - CORPUSCULAR RADIATION
 - COSMIC RAYS
 - ∞ EFFECTS
 - GAMMA RAY BURSTS
 - GAMMA RAYS
 - LIGHT (VISIBLE RADIATION)
 - NUCLEAR RADIATION
 - ∞ RADIATION
 - ULTRAVIOLET RADIATION

CERES ASTEROID

- GS CELESTIAL BODIES
 - . ASTEROID BELTS
 - . . ASTEROIDS
 - . . . **CERES ASTEROID**

CERESIN

- GS ORGANIC COMPOUNDS
 - . HYDROCARBONS
 - . . ALIPHATIC HYDROCARBONS
 - . . . ALKANES
 - PARAFFINS
 - **CERESIN**

CERESIN--(cont.)

- WAXES
 - . **CERESIN**
- RT PHASE CHANGE MATERIALS

CERIUM

- GS CHEMICAL ELEMENTS
 - . RARE EARTH ELEMENTS
 - . . **CERIUM**
 - . . . CERIUM ISOTOPES
 - CERIUM 137
 - CERIUM 144
- METALS
 - . RARE EARTH ELEMENTS
 - . . **CERIUM**
 - . . . CERIUM ISOTOPES
 - CERIUM 137
 - CERIUM 144

CERIUM COMPOUNDS

- GS RARE EARTH COMPOUNDS
 - . **CERIUM COMPOUNDS**
 - . . BASTNASITE
 - . . . CERIUM OXIDES
- RT ∞ CHEMICAL COMPOUNDS
 - ∞ METAL COMPOUNDS

CERIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 - . NUCLIDES
 - . . ISOTOPES
 - . . . **CERIUM ISOTOPES**
 - CERIUM 137
 - CERIUM 144
- RARE EARTH ELEMENTS
 - . CERIUM
 - . . **CERIUM ISOTOPES**
 - . . . CERIUM 137
 - . . . CERIUM 144
- METALS
 - . RARE EARTH ELEMENTS
 - . . CERIUM
 - . . . **CERIUM ISOTOPES**
 - CERIUM 137
 - CERIUM 144

CERIUM OXIDES

- GS CHALCOGENIDES
 - . OXIDES
 - . . METAL OXIDES
 - . . . **CERIUM OXIDES**
- RARE EARTH COMPOUNDS
 - . CERIUM COMPOUNDS
 - . . **CERIUM OXIDES**

CERIUM 137

- GS CHEMICAL ELEMENTS
 - . NUCLIDES
 - . . ISOTOPES
 - . . . CERIUM ISOTOPES
 - **CERIUM 137**
 - RADIOACTIVE ISOTOPES
 - **CERIUM 137**
- RARE EARTH ELEMENTS
 - . CERIUM
 - . . CERIUM ISOTOPES
 - . . . **CERIUM 137**
- METALS
 - . RARE EARTH ELEMENTS
 - . . CERIUM
 - . . . CERIUM ISOTOPES
 - **CERIUM 137**

CERIUM 144

- GS CHEMICAL ELEMENTS
 - . NUCLIDES
 - . . ISOTOPES
 - . . . CERIUM ISOTOPES
 - **CERIUM 144**
 - RADIOACTIVE ISOTOPES
 - **CERIUM 144**
- RARE EARTH ELEMENTS
 - . CERIUM
 - . . CERIUM ISOTOPES
 - . . . **CERIUM 144**
- METALS
 - . RARE EARTH ELEMENTS
 - . . CERIUM
 - . . . CERIUM ISOTOPES
 - **CERIUM 144**

CERMETS

- UF CERAMAL PROTECTIVE COATINGS
 - CERAMALS
 - CERAMIC-METAL COMPOSITES

CERMETS--(cont.)

GS COMPOSITE MATERIALS
 . **CERMETS**
 RT CERAMIC MATRIX COMPOSITES
 CERAMIC NUCLEAR FUELS
 CERAMICS
 COMBUSTION SYNTHESIS
 HEAT RESISTANT ALLOYS
 METALS
 POWDER METALLURGY
 REFRACTORIES
 REFRACTORY MATERIALS
 YBCO SUPERCONDUCTORS

CERTIFICATION

RT AIRCRAFT RELIABILITY
 CHECKOUT
 EVALUATION
 FLIGHT TESTS
 PERFORMANCE TESTS
 PHYSIOLOGICAL TESTS
 PSYCHOLOGICAL TESTS
 QUALIFICATIONS
 QUALITY CONTROL
 SELECTION
 SITE SELECTION
 TRAINING EVALUATION

CESIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . **CESIUM**
 . . . CESIUM ISOTOPES
 . . . CESIUM 133
 . . . CESIUM 134
 . . . CESIUM 137
 . . . CESIUM 144
 METALS
 . ALKALI METALS
 . **CESIUM**
 . . . CESIUM ISOTOPES
 . . . CESIUM 133
 . . . CESIUM 134
 . . . CESIUM 137
 . . . CESIUM 144
 RT CESIUM ALLOYS
 CESIUM ANTIMONIDES
 CESIUM BROMIDES
 CESIUM DIODES
 CESIUM ENGINES
 CESIUM FLUORIDES
 CESIUM HALIDES
 CESIUM HYDRIDES
 CESIUM IODIDES
 CESIUM IONS
 CESIUM PLASMA
 CESIUM VAPOR

CESIUM ALLOYS

GS ALLOYS
 . **CESIUM ALLOYS**
 RT ALKALI METALS
 CESIUM

CESIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . **CESIUM ANTIMONIDES**
 CESIUM COMPOUNDS
 . **CESIUM ANTIMONIDES**
 RT CESIUM

CESIUM BROMIDES

GS CESIUM COMPOUNDS
 . CESIUM HALIDES
 . **CESIUM BROMIDES**
 HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . BROMIDES
 . . . **CESIUM BROMIDES**
 . HALIDES
 . . . BROMIDES
 . . . **CESIUM BROMIDES**
 . . . METAL HALIDES
 . . . ALKALI HALIDES
 . . . CESIUM HALIDES
 **CESIUM BROMIDES**
 RT CESIUM

CESIUM COMPOUNDS

GS **CESIUM COMPOUNDS**
 . CESIUM ANTIMONIDES
 . CESIUM HALIDES
 . . CESIUM BROMIDES
 . . CESIUM FLUORIDES

CESIUM COMPOUNDS--(cont.)

. . CESIUM IODIDES
 . CESIUM HYDRIDES
 . CESIUM OXIDES
 RT . . ALKALI METAL COMPOUNDS
 . . . CHEMICAL COMPOUNDS
 . . . METAL COMPOUNDS
 METAL FUELS

CESIUM DIODES

GS ELECTRON TUBES
 . THERMIONIC DIODES
 . . **CESIUM DIODES**
 . VACUUM TUBES
 . . **CESIUM DIODES**
 ELECTRONIC EQUIPMENT
 . DIODES
 . . THERMIONIC DIODES
 . . . **CESIUM DIODES**
 RT CESIUM
 PLASMA DIODES
 THERMIONIC CONVERTERS

CESIUM ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . ION ENGINES
 **CESIUM ENGINES**
 RT CESIUM
 ELECTROSTATIC ENGINES

CESIUM FLUORIDES

GS CESIUM COMPOUNDS
 . CESIUM HALIDES
 . . **CESIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 **CESIUM FLUORIDES**
 . HALIDES
 . . METAL HALIDES
 . . . ALKALI HALIDES
 CESIUM HALIDES
 **CESIUM FLUORIDES**
 RT CESIUM

CESIUM HALIDES

GS CESIUM COMPOUNDS
 . **CESIUM HALIDES**
 . . CESIUM BROMIDES
 . . CESIUM FLUORIDES
 . . CESIUM IODIDES
 HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . ALKALI HALIDES
 **CESIUM HALIDES**
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 RT CESIUM

CESIUM HYDRIDES

GS CESIUM COMPOUNDS
 . **CESIUM HYDRIDES**
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . . METAL HYDRIDES
 . . . **CESIUM HYDRIDES**
 RT CESIUM

CESIUM IODIDES

GS CESIUM COMPOUNDS
 . CESIUM HALIDES
 . . **CESIUM IODIDES**
 HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . ALKALI HALIDES
 CESIUM HALIDES
 **CESIUM IODIDES**
 IODINE COMPOUNDS
 IODIDES
 **CESIUM IODIDES**
 RT CESIUM

CESIUM IONS

GS IONS
 . **CESIUM IONS**
 RT CESIUM

CESIUM ISOTOPES

GS CHEMICAL ELEMENTS

CESIUM ISOTOPES--(cont.)

. ALKALI METALS
 . . CESIUM
 . . . **CESIUM ISOTOPES**
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 . NUCLIDES
 . . ISOTOPES
 . . . **CESIUM ISOTOPES**
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 METALS
 . ALKALI METALS
 . . CESIUM
 . . . **CESIUM ISOTOPES**
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144

CESIUM OXIDES

GS CESIUM COMPOUNDS
 . **CESIUM OXIDES**
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **CESIUM OXIDES**

CESIUM PLASMA

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 METALLIC PLASMAS
 **CESIUM PLASMA**
 RT CESIUM
 THERMIONIC CONVERTERS

CESIUM VAPOR

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . **CESIUM VAPOR**
 . . . NUCLIDES
 ISOTOPES
 **CESIUM VAPOR**
 METALS
 . ALKALI METALS
 . . **CESIUM VAPOR**
 VAPORS
 . **CESIUM VAPOR**
 RT CESIUM
 MERCURY VAPOR

CESIUM 133

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 **CESIUM 133**
 NUCLIDES
 ISOTOPES
 CESIUM ISOTOPES
 **CESIUM 133**
 METALS
 . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 **CESIUM 133**

CESIUM 134

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 **CESIUM 134**
 NUCLIDES
 ISOTOPES
 CESIUM ISOTOPES
 **CESIUM 134**
 RADIOACTIVE ISOTOPES
 **CESIUM 134**
 METALS
 . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 **CESIUM 134**

CESIUM 137

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . CESIUM

CESIUM 137--(cont.)

... CESIUM ISOTOPES
 ... **CESIUM 137**
 ... NUCLIDES
 ... ISOTOPES
 ... CESIUM ISOTOPES
 ... **CESIUM 137**
 ... RADIOACTIVE ISOTOPES
 ... **CESIUM 137**
 METALS
 ... ALKALI METALS
 ... CESIUM
 ... CESIUM ISOTOPES
 ... **CESIUM 137**

CESIUM 144

GS CHEMICAL ELEMENTS
 ... ALKALI METALS
 ... CESIUM
 ... CESIUM ISOTOPES
 ... **CESIUM 144**
 ... NUCLIDES
 ... ISOTOPES
 ... CESIUM ISOTOPES
 ... **CESIUM 144**
 ... RADIOACTIVE ISOTOPES
 ... **CESIUM 144**
 METALS
 ... ALKALI METALS
 ... CESIUM
 ... CESIUM ISOTOPES
 ... **CESIUM 144**

CESSNA AIRCRAFT

GS **CESSNA AIRCRAFT**
 ... A-37 AIRCRAFT
 ... CESSNA L-19 AIRCRAFT
 ... CESSNA 172 AIRCRAFT
 ... CESSNA 205 AIRCRAFT
 ... CESSNA 210 AIRCRAFT
 ... CESSNA 402B AIRCRAFT
 ... T-37 AIRCRAFT
 RT ∞ AIRCRAFT

CESSNA L-19 AIRCRAFT

GS CESSNA AIRCRAFT
 ... **CESSNA L-19 AIRCRAFT**
 LIGHT AIRCRAFT
 ... **CESSNA L-19 AIRCRAFT**
 MONOPLANES
 ... **CESSNA L-19 AIRCRAFT**
 OBSERVATION AIRCRAFT
 ... **CESSNA L-19 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 ... **CESSNA L-19 AIRCRAFT**
 RT ∞ AIRCRAFT

CESSNA MILITARY AIRCRAFT

USE MILITARY AIRCRAFT

CESSNA 172 AIRCRAFT

GS CESSNA AIRCRAFT
 ... **CESSNA 172 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 ... **CESSNA 172 AIRCRAFT**
 LIGHT AIRCRAFT
 ... **CESSNA 172 AIRCRAFT**
 MONOPLANES
 ... **CESSNA 172 AIRCRAFT**
 PASSENGER AIRCRAFT
 ... **CESSNA 172 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 ... **CESSNA 172 AIRCRAFT**
 RT ∞ AIRCRAFT

CESSNA 205 AIRCRAFT

GS CESSNA AIRCRAFT
 ... **CESSNA 205 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 ... **CESSNA 205 AIRCRAFT**
 LIGHT AIRCRAFT
 ... **CESSNA 205 AIRCRAFT**
 MONOPLANES
 ... **CESSNA 205 AIRCRAFT**
 PASSENGER AIRCRAFT
 ... **CESSNA 205 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 ... **CESSNA 205 AIRCRAFT**
 RT ∞ AIRCRAFT

CESSNA 210 AIRCRAFT

UF CENTURION AIRCRAFT
 GS CESSNA AIRCRAFT
 ... **CESSNA 210 AIRCRAFT**
 GENERAL AVIATION AIRCRAFT

CESSNA 210 AIRCRAFT--(cont.)

... **CESSNA 210 AIRCRAFT**
 LIGHT AIRCRAFT
 ... **CESSNA 210 AIRCRAFT**
 MONOPLANES
 ... **CESSNA 210 AIRCRAFT**
 PASSENGER AIRCRAFT
 ... **CESSNA 210 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 ... **CESSNA 210 AIRCRAFT**

CESSNA 402B AIRCRAFT

GS CESSNA AIRCRAFT
 ... **CESSNA 402B AIRCRAFT**
 GENERAL AVIATION AIRCRAFT
 ... **CESSNA 402B AIRCRAFT**
 LIGHT AIRCRAFT
 ... **CESSNA 402B AIRCRAFT**
 MONOPLANES
 ... **CESSNA 402B AIRCRAFT**
 PASSENGER AIRCRAFT
 ... **CESSNA 402B AIRCRAFT**
 TRANSPORT AIRCRAFT
 ... **CESSNA 402B AIRCRAFT**
 SHORT HAUL AIRCRAFT
 ... **CESSNA 402B AIRCRAFT**
 RT ∞ AIRCRAFT

CETANE

GS ORGANIC COMPOUNDS
 ... HYDROCARBONS
 ... ALIPHATIC HYDROCARBONS
 ... ALKANES
 ... **CETANE**

CETYL COMPOUNDS

GS ALKYL COMPOUNDS
 ... **CETYL COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS

CETYLON

USE SRI LANKA

CF-104 AIRCRAFT

USE CANADIAN AIRCRAFT
 F-104 AIRCRAFT

CF-700 ENGINE

GS ENGINES
 ... AIR BREATHING ENGINES
 ... GAS TURBINE ENGINES
 ... JET ENGINES
 ... TURBOJET ENGINES
 ... TURBOFAN ENGINES
 ... **CF-700 ENGINE**
 ... INTERNAL COMBUSTION ENGINES
 ... GAS TURBINE ENGINES
 ... JET ENGINES
 ... TURBOJET ENGINES
 ... TURBOFAN ENGINES
 ... **CF-700 ENGINE**
 ... TURBINE ENGINES
 ... GAS TURBINE ENGINES
 ... JET ENGINES
 ... TURBOJET ENGINES
 ... TURBOFAN ENGINES
 ... **CF-700 ENGINE**
 RT VERTICAL TAKEOFF AIRCRAFT

CFCS

USE CHLOROFLUOROCARBONS

CFD

USE CHARGE FLOW DEVICES

CFRP

USE CARBON FIBER REINFORCED PLASTICS

CH (METHYLDIYNE)

USE METHYLDIYNE

CH-3 HELICOPTER

GS PASSENGER AIRCRAFT
 ... **CH-3 HELICOPTER**
 SIKORSKY AIRCRAFT
 ... **CH-3 HELICOPTER**
 TRANSPORT AIRCRAFT
 ... **CH-3 HELICOPTER**
 V/STOL AIRCRAFT
 ... **CH-3 HELICOPTER**
 ROTARY WING AIRCRAFT
 ... **CH-3 HELICOPTER**
 ... MILITARY HELICOPTERS
 ... **CH-3 HELICOPTER**
 ... RIGID ROTOR HELICOPTERS
 ... **CH-3 HELICOPTER**

CH-3 HELICOPTER--(cont.)

RT S-61 HELICOPTER

CH-21 HELICOPTER

UF H-21 HELICOPTER
 SHAWNEE HELICOPTER
 WORKHORSE HELICOPTER
 GS BOEING AIRCRAFT
 ... **CH-21 HELICOPTER**
 V/STOL AIRCRAFT
 ... ROTARY WING AIRCRAFT
 ... HELICOPTERS
 ... MILITARY HELICOPTERS
 ... **CH-21 HELICOPTER**

CH-34 HELICOPTER

UF CHOCTAW HELICOPTER
 H-34 HELICOPTER
 GS SIKORSKY AIRCRAFT
 ... **CH-34 HELICOPTER**
 TRANSPORT AIRCRAFT
 ... **CH-34 HELICOPTER**
 V/STOL AIRCRAFT
 ... ROTARY WING AIRCRAFT
 ... HELICOPTERS
 ... MILITARY HELICOPTERS
 ... **CH-34 HELICOPTER**
 RT S-58 HELICOPTER

CH-46 HELICOPTER

UF CH-113 HELICOPTER
 HRB-1 HELICOPTER
 SEA KNIGHT HELICOPTER
 VOYAGEUR HELICOPTER
 GS BOEING AIRCRAFT
 ... **CH-46 HELICOPTER**
 PASSENGER AIRCRAFT
 ... **CH-46 HELICOPTER**
 TRANSPORT AIRCRAFT
 ... **CH-46 HELICOPTER**
 V/STOL AIRCRAFT
 ... ROTARY WING AIRCRAFT
 ... HELICOPTERS
 ... MILITARY HELICOPTERS
 ... **CH-46 HELICOPTER**
 ... TANDEM ROTOR HELICOPTERS
 ... **CH-46 HELICOPTER**

CH-47 HELICOPTER

UF CHINOOK HELICOPTER
 HC-1 HELICOPTER
 GS BOEING AIRCRAFT
 ... **CH-47 HELICOPTER**
 PASSENGER AIRCRAFT
 ... **CH-47 HELICOPTER**
 TRANSPORT AIRCRAFT
 ... **CH-47 HELICOPTER**
 V/STOL AIRCRAFT
 ... ROTARY WING AIRCRAFT
 ... HELICOPTERS
 ... MILITARY HELICOPTERS
 ... **CH-47 HELICOPTER**
 ... TANDEM ROTOR HELICOPTERS
 ... **CH-47 HELICOPTER**

CH-53 HELICOPTER

USE H-53 HELICOPTER

CH-54 HELICOPTER

UF S-64 HELICOPTER
 SIKORSKY S-64 HELICOPTER
 SKYCRANE HELICOPTER
 GS PASSENGER AIRCRAFT
 ... **CH-54 HELICOPTER**
 SIKORSKY AIRCRAFT
 ... **CH-54 HELICOPTER**
 TRANSPORT AIRCRAFT
 ... **CH-54 HELICOPTER**
 V/STOL AIRCRAFT
 ... ROTARY WING AIRCRAFT
 ... HELICOPTERS
 ... MILITARY HELICOPTERS
 ... **CH-54 HELICOPTER**

CH-62 HELICOPTER

GS BOEING AIRCRAFT
 ... **CH-62 HELICOPTER**
 V/STOL AIRCRAFT
 ... ROTARY WING AIRCRAFT
 ... HELICOPTERS
 ... MILITARY HELICOPTERS
 ... HEAVY LIFT HELICOPTERS
 ... **CH-62 HELICOPTER**
 RT ∞ MILITARY AIRCRAFT

CH-113 HELICOPTER

USE CH-46 HELICOPTER

CHAD

GS NATIONS

RT CHAD

AFRICA

CHAFF

GS COUNTERMEASURES

ELECTRONIC COUNTERMEASURES

RT CHAFF

DECEPTION
ELECTRONIC WARFARE
RADAR ECHOES

CHAINS

SN (EXCLUDES CHEMICAL BONDS AND
NUCLEAR REACTIONS)

RT ∞ BARRIERS

CABLES (ROPES)

FASTENERS

∞ LINKS

MOLECULAR CHAINS

CHAIRS

USE SEATS

CHALCOGENIDES

GS CHALCOGENIDES

OXIDES

ANHYDRIDES

PEROXIDES

INORGANIC PEROXIDES

ORGANIC PEROXIDES

SODIUM PEROXIDES

BORON OXIDES

BRUCITE

CARBON MONOXIDE

CARBON SUBOXIDES

CHLORINE OXIDES

DIOXIDES

CARBON DIOXIDE

FLINT

HYDROGEN PEROXIDE

SILICON DIOXIDE

QUARTZ

COESITE

STISHOVITE

SULFUR DIOXIDES

GERMANIUM OXIDES

HEAVY WATER

METAL OXIDES

ALKALINE EARTH OXIDES

BARIUM OXIDES

BERYLLIUM OXIDES

CALCIUM OXIDES

AKERMANITE

MAGNESIUM OXIDES

AKERMANITE

PERICLASE

ALUMINUM OXIDES

SAPPHIRE

BISMUTH OXIDES

CERIUM OXIDES

CESIUM OXIDES

CHROMIUM OXIDES

COBALT OXIDES

COPPER OXIDES

GALLIUM OXIDES

HAFNIUM OXIDES

IRON OXIDES

HEMATITE

ILMENITE

MAGNETITE

LANTHANUM OXIDES

LEAD OXIDES

LITHIUM OXIDES

MANGANESE OXIDES

HOPCALITE (TRADEMARK)

MERCURY OXIDES

MIXED OXIDES

BSCCO SUPERCONDUCTORS

YBCO SUPERCONDUCTORS

MOLYBDENUM OXIDES

NICKEL OXIDES

NIOBIUM OXIDES

PLATINUM OXIDES

PLUTONIUM OXIDES

POTASSIUM OXIDES

SCANDIUM OXIDES

SILVER OXIDES

SODIUM PEROXIDES

STRONTIUM OXIDES

TANTALUM OXIDES

CHALCOGENIDES--(cont.)

THORIUM OXIDES

TIN OXIDES

TITANIUM OXIDES

ANATASE

ILMENITE

RUTILE

TUNGSTEN OXIDES

SCHEELITE

URANIUM OXIDES

VANADIUM OXIDES

YTTRIUM OXIDES

ZINC OXIDES

ZIRCONIUM OXIDES

NITROGEN OXIDES

NITRIC OXIDE

NITROGEN DIOXIDE

NITROGEN TETROXIDE

NITROUS OXIDES

PHOSPHORUS OXIDES

PYROXENES

ENSTATITE

SELENIUM OXIDES

SILICON OXIDES

MUSCOVITE

NEPHELINE

SILICON DIOXIDE

QUARTZ

COESITE

STISHOVITE

SPODUMENE

SULFUR OXIDES

SULFUR DIOXIDES

SELENIDES

CADMIUM SELENIDES

COPPER SELENIDES

GALLIUM SELENIDES

LEAD SELENIDES

ZINC SELENIDES

SULFIDES

DISULFIDES

CARBON DISULFIDE

INORGANIC SULFIDES

BARIUM SULFIDES

BISMUTH SULFIDES

CADMIUM SULFIDES

CALCIUM SULFIDES

COPPER SULFIDES

ENARGITE

HYDROGEN SULFIDE

INDIUM SULFIDES

LEAD SULFIDES

MOLYBDENUM SULFIDES

MOLYBDENUM DISULFIDES

POLYSULFIDES

STRONTIUM SULFIDES

ZINC SULFIDES

WURTZITE

ZINCBLLENDE

PYRITES

PYRRHOTITE

TROILITE

TELLURIDES

BISMUTH TELLURIDES

CADMIUM TELLURIDES

INDIUM TELLURIDES

LANTHANUM TELLURIDES

LEAD TELLURIDES

MERCURY TELLURIDES

TIN TELLURIDES

ZINC TELLURIDES

RT ∞ GROUP 6A COMPOUNDS

CHALK

GS CALCIUM COMPOUNDS

CALCIUM CARBONATES

CHALK

CARBON COMPOUNDS

CARBONATES

CALCIUM CARBONATES

CHALK

RT GYPSUM

CHALLENGER (ORBITER)

UF SPACE SHUTTLE ORBITER 099

GS MANNED SPACECRAFT

SPACE SHUTTLE ORBITERS

CHALLENGER (ORBITER)

REENTRY VEHICLES

RECOVERABLE SPACECRAFT

REUSABLE SPACECRAFT

SPACE SHUTTLE ORBITERS

CHALLENGER (ORBITER)

RT ENDEAVOUR (ORBITER)

SPACE SHUTTLE MISSION 31-B

CHALLENGER (ORBITER)--(cont.)

SPACE SHUTTLE MISSION 31-C

SPACE SHUTTLE MISSION 31-D

SPACE SHUTTLE MISSION 41-B

SPACE SHUTTLE MISSION 41-C

SPACE SHUTTLE MISSION 41-G

SPACE SHUTTLE MISSION 51-B

SPACE SHUTTLE MISSION 51-E

SPACE SHUTTLE MISSION 51-F

SPACE SHUTTLE MISSION 51-L

SPACE SHUTTLE MISSION 61-A

∞ SPACECRAFT

∞ CHAMBERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT ANECHOIC CHAMBERS

ARC CHAMBERS

BUBBLE CHAMBERS

CLOUD CHAMBERS

COMBUSTION CHAMBERS

CYLINDRICAL CHAMBERS

FLEXING

FLOW CHAMBERS

HYPERBARIC CHAMBERS

IONIZATION CHAMBERS

PLENUM CHAMBERS

PRESSURE CHAMBERS

REVERBERATION CHAMBERS

SPARK CHAMBERS

TEST CHAMBERS

THRUST CHAMBERS

VACUUM CHAMBERS

CHANCE-VOUGHT AIRCRAFT

UF CHANCE-VOUGHT MILITARY AIRCRAFT

RT ∞ AIRCRAFT

CHANCE-VOUGHT MILITARY AIRCRAFT

USE CHANCE-VOUGHT AIRCRAFT

MILITARY AIRCRAFT

CHANDLER MOTION

USE POLAR WANDERING (GEOLOGY)

CHANDLER WOBBLE

SN (EXCLUDES CHANDLER MOTION)

UF EULERIAN NUTATION

GS NUTATION

CHANDLER WOBBLE

RT EARTH AXIS

∞ EARTH MOTION

EARTH ORIENTATION

EARTH ROTATION

GEODYNAMICS

GEOPHYSICS

POLAR WANDERING (GEOLOGY)

CHANDRASEKHAR EQUATION

GS ANALYSIS (MATHEMATICS)

REAL VARIABLES

DIFFERENTIAL EQUATIONS

CHANDRASEKHAR EQUATION

RT ELECTROMAGNETIC ABSORPTION

∞ EQUATIONS

CHANGE DETECTION

GS DETECTION

CHANGE DETECTION

RT AERIAL PHOTOGRAPHY

AERIAL RECONNAISSANCE

EARTH RESOURCES PROGRAM

IMAGE CLASSIFICATION

IMAGE PROCESSING

IMAGERY

LAND USE

MULTISPECTRAL BAND SCANNERS

MULTISPECTRAL PHOTOGRAPHY

PATTERN RECOGNITION

PHOTOINTERPRETATION

RADAR IMAGERY

REMOTE SENSING

SCENE ANALYSIS

SIDE-LOOKING RADAR

TERRAIN ANALYSIS

CHANNEL CAPACITY

RT ALOHA SYSTEM

BANDWIDTH

∞ CAPACITY

DEMAND ASSIGNMENT MULTIPLE

ACCESS

FREQUENCIES

PACKET TRANSMISSION

CHANNEL CAPACITY--(cont.)
TRANSMISSION RATE
(COMMUNICATIONS)

CHANNEL FLOW

GS FLUID FLOW
 . CHANNEL FLOW
 . . OPEN CHANNEL FLOW
RT ANNULAR FLOW
 CAVITY FLOW
 CHOKED FLOW
 CORNER FLOW
 DREDGED MATERIALS
 DUCTED FLOW
 FLOW GEOMETRY
 FLUID INJECTION
 INCOMPRESSIBLE FLUIDS
 OUTLET FLOW
 PIPE FLOW
 WALL FLOW

CHANNEL MULTIPLIERS

UF CHANNELTRONS
GS MULTIPLIERS
 . CHANNEL MULTIPLIERS
RT AURORAL SPECTROSCOPY
 ELECTRON AVALANCHE
 MICROCHANNEL PLATES
 PHOTOMULTIPLIER TUBES
 RADIATION COUNTERS

CHANNEL NOISE

RT ALOHA SYSTEM
 BACKGROUND NOISE
 ELECTROMAGNETIC NOISE
 NOISE SPECTRA
 RANDOM NOISE
 SIGNAL TO NOISE RATIOS
 THERMAL NOISE
 TIME DIVISION MULTIPLE ACCESS
 TRELLIS CODING

CHANNEL WINGS

GS AIRFOILS
 . WINGS
 . . CHANNEL WINGS
 PLANFORMS
 . WING PLANFORMS
 . . CHANNEL WINGS
RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT DESIGN
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES

CHANNELS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHANNELS (DATA TRANSMISSION)
 COMPUTER STORAGE DEVICES
 DREDGED MATERIALS
 DUCTS
 FREQUENCIES
 MEDIA
 PARALLEL PLATES
 STRUCTURAL MEMBERS
 TELECOMMUNICATION
 THROATS

CHANNELS (DATA TRANSMISSION)

UF DATA BUSSES
RT . CHANNELS
 . DATA
 DATA LINKS
 DATA PROCESSING
 DATA TRANSMISSION
 PROTOCOL (COMPUTERS)
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION

CHANNELTRONS

USE CHANNEL MULTIPLIERS

CHAOS

RT BRANCHING (MATHEMATICS)
 MATHEMATICAL MODELS
 NONLINEAR SYSTEMS
 PERIOD DOUBLING
 STOCHASTIC PROCESSES
 STRANGE ATTRACTORS

CHAOTIC CLOUD PATTERNS

USE CLOUDS (METEOROLOGY)

CHAPARRAL

GS PLANTS (BOTANY)
 . BRUSH (BOTANY)
 . . CHAPARRAL
RT BOTANY
 EARTH RESOURCES
 TREES (PLANTS)

CHAPARRAL MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
RT . CHAPARRAL MISSILE
 SPACE WEAPONS

CHAPLYGIN EQUATION

GS FLOW EQUATIONS
 . CHAPLYGIN EQUATION
RT . EQUATIONS
 HODOGRAPHS
 VECTOR SPACES

CHAPMAN SHEAR LAYER

USE SHEAR LAYERS

CHAPMAN-ENSKOG THEORY

UF ENSKOG-CHAPMAN THEORY
GS KINETIC THEORY
 . TRANSPORT THEORY
 . . CHAPMAN-ENSKOG THEORY
RT BOLTZMANN TRANSPORT EQUATION
 DISTRIBUTION FUNCTIONS
 FLOW DISTRIBUTION
 MONATOMIC GASES
 RAREFIED GAS DYNAMICS
 TEMPERATURE GRADIENTS
 . THEORIES
 THERMAL DIFFUSION

CHAPMAN-FERRARO PROBLEM

RT ATMOSPHERIC MODELS
 EARTH MAGNETOSPHERE
 INTERPLANETARY MAGNETIC FIELDS
 MAGNETOPAUSE
 . PROBLEMS
 SOLAR WIND

CHAPMAN-JOUGET FLAME

USE CHEMICAL EQUILIBRIUM
 DETONATION
 FLAME PROPAGATION

CHARACTER RECOGNITION

GS RECOGNITION
 . PATTERN RECOGNITION
 . . CHARACTER RECOGNITION
RT ARTIFICIAL INTELLIGENCE
 CONTRAST
 . DETECTORS
 GRAPHOLOGY
 HANDWRITING
 LEGIBILITY
 OPTICAL DATA PROCESSING
 OPTICAL SCANNERS
 PERCEPTION
 READERS
 READING
 RESOLUTION
 SCENE ANALYSIS
 . SENSORS
 SYMBOLS
 VISIBILITY

CHARACTERISTIC EQUATIONS

USE EIGENVALUES
 EIGENVECTORS

CHARACTERISTIC FUNCTIONS

USE EIGENVALUES
 EIGENVECTORS

CHARACTERISTIC METHOD

USE METHOD OF CHARACTERISTICS

CHARACTERISTICS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AERODYNAMIC CHARACTERISTICS
 CAPACITANCE-VOLTAGE
 CHARACTERISTICS
 DYNAMIC CHARACTERISTICS
 FLIGHT CHARACTERISTICS
 FLOW CHARACTERISTICS
 METHOD OF CHARACTERISTICS

CHARACTERISTICS--(cont.)

POLARIZATION CHARACTERISTICS
SEGREGATION CHARACTERISTIC
SPRAY CHARACTERISTICS
STATIC AERODYNAMIC
 CHARACTERISTICS
VOLT-AMPERE CHARACTERISTICS

CHARACTERIZATION

RT DESCRIPTIONS
 EXAMINATION
 REPRESENTATIONS

CHARACTERS

USE SYMBOLS

CHARCOAL

GS CHARCOAL
RT . ACTIVATED CARBON
 ADSORBENTS
 CARBON
 COKE
 FUELS

CHARGE CARRIERS

GS CHARGE CARRIERS
 . FREE ELECTRONS
 . HOLES (ELECTRON DEFICIENCIES)
 . MAJORITY CARRIERS
 . MINORITY CARRIERS
RT CARRIER INJECTION
 CARRIER LIFETIME
 . CARRIERS
 ELECTRON MOBILITY
 HOLE MOBILITY

CHARGE COUPLED DEVICES

UF CCD
GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . CHARGE TRANSFER DEVICES
 CHARGE COUPLED DEVICES
RT BUCKET BRIGADE DEVICES
 CCD STAR TRACKER
 CHARGE INJECTION DEVICES
 FOCAL PLANE DEVICES
 ITO (SEMICONDUCTORS)

CHARGE DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . CHARGE DISTRIBUTION
 ELECTRICAL PROPERTIES
RT . CHARGE DISTRIBUTION
 CURRENT DISTRIBUTION
 ELECTRON DISTRIBUTION
 ELECTROSTATIC CHARGE
 FORCE DISTRIBUTION
 HOLE DISTRIBUTION (ELECTRONICS)
 ION DISTRIBUTION
 MASS DISTRIBUTION
 NEUTRAL ATOMS
 POLARIZATION (CHARGE SEPARATION)

CHARGE EFFICIENCY

GS EFFICIENCY
 . CHARGE EFFICIENCY
RT BATTERY CHARGERS
 . CHARGING
 ELECTRIC BATTERIES
 PRIMARY BATTERIES
 RECHARGING
 STORAGE BATTERIES

CHARGE EXCHANGE

SN (LIMITED TO COLLISIONAL TRANSFER
OF AN ELECTRON FROM A NEUTRAL
ATOM OR MOLECULE TO AN
ION--EXCLUDES SEMICONDUCTOR AND
PHOTOCHEMICAL CHARGE TRANSFER)
GS EXCHANGING
 . CHARGE EXCHANGE
 . . RESONANCE CHARGE EXCHANGE
RT ELECTRON TRANSFER
 ION ATOM INTERACTIONS
 ION CHARGE
 ION PRODUCTION RATES
 PLASMA-PARTICLE INTERACTIONS
 RECOIL IONS

CHARGE FLOW DEVICES

UF CFD
GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES

CHARGE FLOW DEVICES--(cont.)

- ... SEMICONDUCTOR DEVICES
- ... TRANSISTORS
- ... FIELD EFFECT TRANSISTORS
- ... **CHARGE FLOW DEVICES**
- RT INTEGRATED CIRCUITS
- ∞ SENSORS

CHARGE INJECTION DEVICES

- UF CID
- GS ELECTRONIC EQUIPMENT
- ... SOLID STATE DEVICES
- ... SEMICONDUCTOR DEVICES
- ... CHARGE TRANSFER DEVICES
- ... **CHARGE INJECTION DEVICES**
- RT CHARGE COUPLED DEVICES
- ELECTRO-OPTICS
- IMAGING TECHNIQUES
- SEMICONDUCTORS (MATERIALS)
- STAR TRACKERS

CHARGE SEPARATION

- USE POLARIZATION (CHARGE SEPARATION)

CHARGE TRANSFER

- SN (EXCLUDES COLLISIONAL CHARGE EXCHANGE)
- RT CARRIER INJECTION
- CHARGED PARTICLES
- ELECTRON TRANSFER
- ION EXCHANGING
- IONIC REACTIONS
- MASS TRANSFER
- PHOTOCHEMICAL REACTIONS
- POLARIZATION (CHARGE SEPARATION)
- TRANSFERRING

CHARGE TRANSFER DEVICES

- UF CTD
- GS ELECTRONIC EQUIPMENT
- ... SOLID STATE DEVICES
- ... SEMICONDUCTOR DEVICES
- ... **CHARGE TRANSFER DEVICES**
- ... BUCKET BRIGADE DEVICES
- ... CHARGE COUPLED DEVICES
- ... CHARGE INJECTION DEVICES
- RT ITO (SEMICONDUCTORS)
- ORGANIC CHARGE TRANSFER SALTS

CHARGED PARTICLES

- SN (FOR IONIC PARTICLES SEE IONS)
- GS PARTICLES
- ... **CHARGED PARTICLES**
- ... ANTIPROTONS
- ... ENERGETIC PARTICLES
- ... ELECTRONS
- ... CONDUCTION ELECTRONS
- ... HIGH ENERGY ELECTRONS
- ... HOT ELECTRONS
- ... N ELECTRONS
- ... NEGATONS
- ... PI-ELECTRONS
- ... NUCLEI (NUCLEAR PHYSICS)
- ... EVEN-EVEN NUCLEI
- ... HEAVY NUCLEI
- ... HYPERNUCLEI
- ... ODD-EVEN NUCLEI
- ... ODD-ODD NUCLEI
- ... PLASMAS (PHYSICS)
- ... ARGON PLASMA
- ... BETA PARTICLES
- ... BOUNDARY LAYER PLASMAS
- ... COLD PLASMAS
- ... COLLISIONAL PLASMAS
- ... STRONGLY COUPLED PLASMAS
- ... COLLISIONLESS PLASMAS
- ... COSMIC PLASMA
- ... CYLINDRICAL PLASMAS
- ... DENSE PLASMAS
- ... PLASMA FOCUS
- ... STRONGLY COUPLED PLASMAS
- ... ELECTRON PLASMA
- ... ELECTRON-POSITRON PLASMAS
- ... ELLIPTICAL PLASMAS
- ... HELIUM PLASMA
- ... HIGH TEMPERATURE PLASMAS
- ... HYDROGEN PLASMA
- ... DEUTERIUM PLASMA
- ... LASER PLASMAS
- ... METALLIC PLASMAS
- ... CESIUM PLASMA
- ... MICROPLASMAS
- ... NITROGEN PLASMA
- ... NONEQUILIBRIUM PLASMAS
- ... NONUNIFORM PLASMAS

CHARGED PARTICLES--(cont.)

- ... OXYGEN PLASMA
- ... RAREFIED PLASMAS
- ... RELATIVISTIC PLASMAS
- ... ROTATING PLASMAS
- ... SEMICONDUCTOR PLASMAS
- ... SPACE PLASMAS
- ... SOLAR WIND
- ... STELLAR WINDS
- ... SPHERICAL PLASMAS
- ... THERMAL PLASMAS
- ... TOROIDAL PLASMAS
- ... IONIZED GASES
- ... LORENTZ GAS
- ... MAGNETICALLY TRAPPED PARTICLES
- ... RADIATION BELTS
- ... ARTIFICIAL RADIATION BELTS
- ... INNER RADIATION BELT
- ... OUTER RADIATION BELT
- ... PROTON BELTS
- ... PARTONS
- ... PLASMA CLOUDS
- ... MAGNETIC CLOUDS
- ... PLASMA JETS
- ... RADIO JETS (ASTRONOMY)
- ... PLASMA LAYERS
- ... PLASMA SHEATHS
- ... PLASMA SLABS
- ... POSITRONS
- ... PROTONS
- ... RECOIL PROTONS
- ... SOLAR PROTONS
- RT ANTINEUTRINOS
- ANTIPARTICLES
- BOSONS
- CHARGE TRANSFER
- CORPUSCULAR RADIATION
- COULOMB COLLISIONS
- COULOMB POTENTIAL
- CYCLOTRON FREQUENCY
- CYCLOTRON RADIATION
- CYCLOTRON RESONANCE
- DEUTERON IRRADIATION
- ELECTRON-POSITRON PAIRS
- ELEMENTARY PARTICLES
- ETA-MESONS
- GYROFREQUENCY
- HELIOS PROJECT
- HYPERONS
- ION CHARGE
- KAONS
- LEPTONS
- LORENTZ FORCE
- MESON-NUCLEON INTERACTIONS
- MESONS
- MUON SPIN ROTATION
- MUONS
- NEUTRAL SHEETS
- NEUTRONS
- NONADIABATIC THEORY
- ∞ NUCLEI
- NUCLEON-NUCLEON INTERACTIONS
- NUCLEONS
- OMEGA-MESONS
- PARTICLE CHARGING
- PARTICLE PRECIPITATION
- PARTICLE TRAJECTORIES
- PIONS
- REISSNER-NORDSTROM SOLUTION
- RHO-MESONS
- SIGMA-MESONS
- SINGLE EVENT UPSETS
- TRAPPED PARTICLES

∞ CHARGING

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT BATTERY CHARGERS
- CHARGE EFFICIENCY
- ELECTRIC CHARGE
- ELECTROSTATIC CHARGE
- EXPLOSIVE DEVICES
- EXPLOSIVES
- FILLING
- INJECTION
- MAGNETIC CHARGE DENSITY
- SCATHA SATELLITE

CHARM (PARTICLE PHYSICS)

- RT HADRONS
- LEPTONS
- PARTICLE INTERACTIONS
- PARTICLE THEORY
- ∞ PHYSICS

CHARM (PARTICLE PHYSICS)--(cont.)

- QUANTUM THEORY
- THEORETICAL PHYSICS

CHARON

- GS CELESTIAL BODIES
- ... NATURAL SATELLITES
- ... **CHARON**
- RT CALLISTO
- DEIMOS
- EARTH-MOON SYSTEM
- EUROPA
- GALILEAN SATELLITES
- GANYMEDE
- IAPETUS
- IO
- PLANETARY ORBITS
- PLUTO (PLANET)
- SOLAR SYSTEM
- TITAN

CHARPY IMPACT TEST

- GS IMPACT TESTS
- ... **CHARPY IMPACT TEST**
- NOTCH TESTS
- RT **CHARPY IMPACT TEST**
- BRITTLENESS
- DROP TESTS
- HARDNESS
- ∞ MATERIALS TESTS
- NOTCH SENSITIVITY

CHARRING

- RT ABLATION
- CARBONIZATION
- COMBUSTION
- DECOMPOSITION
- FIRE DAMAGE
- OXIDATION
- THERMAL ABSORPTION

CHARTS

- GS **CHARTS**
- ... FLOW CHARTS
- ... GRAPHS (CHARTS)
- ... BOND GRAPHS
- ... GOMPERTZ CURVES
- ... MOLLIER DIAGRAM
- ... PATTERSON MAP
- ... METEOROLOGICAL CHARTS
- ... NAUTICAL CHARTS
- RT BLOCK DIAGRAMS
- DIAGRAMS
- DISPLAY DEVICES
- DRAWINGS
- GRAPHIC ARTS
- MAPS
- NAVIGATION AIDS
- NOMOGRAPH
- ∞ PLOTS
- STATISTICAL ANALYSIS
- STATISTICAL TESTS
- VISUAL AIDS

CHASSIGNITES

- GS CELESTIAL BODIES
- ... METEORITES
- ... STONY METEORITES
- ... ACHONDRITES
- ... **CHASSIGNITES**
- RT NAKHLITES
- SHERGOTTITES

CHASSIS

- GS FRAMES
- ... **CHASSIS**
- RT AUTOMOBILES
- CARRIAGES
- ∞ HEADERS
- STRUTS
- SUPPORTS
- UNDERCARRIAGES

CHEBYSHEV APPROXIMATION

- GS ANALYSIS (MATHEMATICS)
- ... NUMERICAL ANALYSIS
- ... APPROXIMATION
- ... **CHEBYSHEV APPROXIMATION**
- RT SERIES (MATHEMATICS)
- STATISTICAL ANALYSIS

CHECKOUT

- SN (SEQUENCE OF TESTS TO DETERMINE FUNCTIONAL READINESS OF EQUIPMENT)

CHECKOUT--(cont.)

UF DEBUGGING
 RT AIRCRAFT MAINTENANCE
 CEFOAM CHECKOUT EQUIPMENT
 CERTIFICATION
 COLD FLOW TESTS
 COUNTDOWN
 FILE MAINTENANCE (COMPUTERS)
 INSPECTION
 MAINTENANCE
 PERFORMANCE TESTS
 PREFIRING TESTS
 PROGRAM VERIFICATION (COMPUTERS)
 SELF TESTS
 SPACE VEHICLE CHECKOUT PROGRAM
 SPACECRAFT MAINTENANCE
 ∞ TEST EQUIPMENT
 ∞ TESTS

CHECKOUT EQUIPMENT

USE TEST EQUIPMENT

CHELATE COMPOUNDS

USE CHELATES

CHELATES

UF CHELATE COMPOUNDS
 RT CHELATION
 ∞ CHEMICAL COMPOUNDS
 ORGANOMETALLIC COMPOUNDS

CHELATION

RT CHELATES
 CHEMICAL REACTIONS

CHEMICAL ANALYSIS

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . CHROMATOGRAPHY
 . . . GAS CHROMATOGRAPHY
 . . . LIQUID CHROMATOGRAPHY
 . . . PAPER CHROMATOGRAPHY
 . . . THIN LAYER CHROMATOGRAPHY
 . . ELECTROPHOTOMETRY
 . . GAS ANALYSIS
 . . . OZONOMETRY
 . . . VAN SLYKE METHOD
 . . . IODIMETRY
 . . . KARL FISCHER REAGENT
 . . . MICROANALYSIS
 . . . NEUTRON ACTIVATION ANALYSIS
 . . . POTENTIOMETRIC ANALYSIS
 . . . QUALITATIVE ANALYSIS
 . . . QUANTITATIVE ANALYSIS
 . . . KJELDAHL METHOD
 . . . VAN SLYKE METHOD
 . . . SPECTROSCOPIC ANALYSIS
 . . . URINALYSIS
 . . . VOLUMETRIC ANALYSIS
 RT ALKALINITY
 ANALYTICAL CHEMISTRY
 ∞ ANALYZING
 ASSAYING
 AUGER SPECTROSCOPY
 ∞ CHEMISTRY
 COLORIMETRY
 COULOMETERS
 DENSITY MEASUREMENT
 DIFFRACTOMETERS
 ELECTRON PROBES
 FUEL TESTS
 GAS SPECTROSCOPY
 HYDROMETERS
 HYGROMETERS
 IDENTIFYING
 INFRARED SPECTROPHOTOMETERS
 INFRARED SPECTROSCOPY
 ION SELECTIVE ELECTRODES
 ISOTOPIC LABELING
 LASER SPECTROSCOPY
 MARS SURFACE SAMPLES
 MASS SPECTROMETERS
 MASS SPECTROSCOPY
 ∞ MATERIALS TESTS
 ∞ MEASUREMENT
 METALLICITY
 METHYLENE BLUE
 MOISTURE METERS
 MUTAGENS
 NEPHANALYSIS
 OPTICAL MEASUREMENT
 PARTICLE TRACKS
 PARTICULATE SAMPLING
 PHOTOMETRY
 PHYSICAL CHEMISTRY

CHEMICAL ANALYSIS--(cont.)

POLARIMETERS
 POLAROGRAPHY
 PSYCHROMETERS
 RADIOCHEMISTRY
 REAGENTS
 SAMPLING
 SPECTRAL SIGNATURES
 SPECTROMETERS
 SPECTROPHOTOMETERS
 SPECTROSCOPY
 ∞ TESTS
 THERMOGRAVIMETRY
 TITRIMETERS
 X RAY ANALYSIS

CHEMICAL ATTACK

GS CHEMICAL ATTACK
 . INTERGRANULAR CORROSION
 . TRANSGRANULAR CORROSION
 RT ∞ ATTACK
 CORROSION
 CORROSION PREVENTION
 CORROSION RESISTANCE
 CORROSION TESTS
 DEGRADATION
 DISSOLVING
 IMPREGNATING
 OXIDATION
 PASSIVITY
 PITTING
 RUSTING
 SCALE (CORROSION)

CHEMICAL AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
 . CHEMICAL AUXILIARY POWER UNITS
 RT ELECTRIC BATTERIES
 FUEL CELLS
 LEAD ACID BATTERIES
 MAGNESIUM CELLS

CHEMICAL BONDS

UF MOLECULAR BONDS
 GS CHEMICAL BONDS
 . COVALENT BONDS
 . HYDROGEN BONDS
 RT AGGLUTINATION
 BONDING
 COUPLED MODES
 COVALENCE
 CRYSTAL LATTICES
 IONIC CRYSTALS
 LIGANDS
 MOLECULES
 MONATOMIC MOLECULES
 OCTETS
 POLYATOMIC MOLECULES
 POLYWATER
 SATURATION (CHEMISTRY)
 SWAN BANDS
 UNSATURATION (CHEMISTRY)
 VALENCE

CHEMICAL CLEANING

GS CLEANING
 . CHEMICAL CLEANING
 . . PICKLING (METALLURGY)
 RT DESCALING
 DISSOLVING

CHEMICAL CLOUDS

GS CLOUDS (METEOROLOGY)
 . ARTIFICIAL CLOUDS
 . . CHEMICAL CLOUDS
 . . . BARIUM ION CLOUDS
 RT CHEMICAL RELEASE MODULES
 CRRES (SATELLITE)
 PARTICLES
 PLASMA CLOUDS

CHEMICAL COMPOSITION

GS COMPOSITION (PROPERTY)
 . CHEMICAL COMPOSITION
 . . CARBON DIOXIDE CONCENTRATION
 . . . STELLAR COMPOSITION
 RT ALKALINITY
 ATMOSPHERIC COMPOSITION
 ATOM CONCENTRATION
 BODY COMPOSITION (BIOLOGY)
 DISTRIBUTION (PROPERTY)
 GAS COMPOSITION
 IONOSPHERIC COMPOSITION
 LIGANDS
 METALLIC STARS

CHEMICAL COMPOSITION--(cont.)

METALLICITY
 PLANETARY STRUCTURE
 SPECTRAL SIGNATURES

∞ CHEMICAL COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ACETYL COMPOUNDS
 ACTINIDE SERIES COMPOUNDS
 ADDUCTS
 ∞ ALKALI METAL COMPOUNDS
 ∞ ALKALINE EARTH COMPOUNDS
 ALKYL COMPOUNDS
 ALLYL COMPOUNDS
 ALUMINUM COMPOUNDS
 AMMINES
 AMMONIUM COMPOUNDS
 ANTIMONY COMPOUNDS
 ∞ AROMATIC COMPOUNDS
 ARSENIC COMPOUNDS
 AZO COMPOUNDS
 BARIUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 BISMUTH COMPOUNDS
 BORON COMPOUNDS
 BORON-EPOXY COMPOSITES
 BROMINE COMPOUNDS
 CADMIUM COMPOUNDS
 CALCIUM COMPOUNDS
 CARBON COMPOUNDS
 CARBONYL COMPOUNDS
 CERIUM COMPOUNDS
 CESIUM COMPOUNDS
 CETYL COMPOUNDS
 CHELATES
 ∞ CHEMICALS
 CHLORINE COMPOUNDS
 CHROMIUM COMPOUNDS
 CLATHRATES
 COBALT COMPOUNDS
 COMPLEX COMPOUNDS
 COMPOUND A
 ∞ COMPOUNDS
 CONGENERES
 COPPER COMPOUNDS
 CURIUM COMPOUNDS
 CYANO COMPOUNDS
 CYCLIC COMPOUNDS
 DEUTERIUM COMPOUNDS
 DIALLYL COMPOUNDS
 DIBASIC COMPOUNDS
 DIBUTYL COMPOUNDS
 DIFLUORO COMPOUNDS
 DIPHENYL COMPOUNDS
 DOPA
 DYSPROSIUM COMPOUNDS
 EPOXY COMPOUNDS
 ERBIUM COMPOUNDS
 ETHYL COMPOUNDS
 ETHYLENE COMPOUNDS
 EUROPIUM COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORINE ORGANIC COMPOUNDS
 FLUORO COMPOUNDS
 FURANS
 GALLIUM COMPOUNDS
 GERMANIUM COMPOUNDS
 ∞ GROUP 1B COMPOUNDS
 ∞ GROUP 2B COMPOUNDS
 ∞ GROUP 3A COMPOUNDS
 ∞ GROUP 3B COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 ∞ GROUP 4B COMPOUNDS
 ∞ GROUP 5A COMPOUNDS
 ∞ GROUP 5B COMPOUNDS
 ∞ GROUP 6A COMPOUNDS
 ∞ GROUP 6B COMPOUNDS
 ∞ GROUP 7B COMPOUNDS
 ∞ GROUP 8 COMPOUNDS
 HAFNIUM COMPOUNDS
 HALOCARBONS
 HALOGEN COMPOUNDS
 HETEROCYCLIC COMPOUNDS
 HEXYL COMPOUNDS
 HYDRAZINIUM COMPOUNDS
 HYDRAZONIUM COMPOUNDS
 HYDROGEN COMPOUNDS
 HYDROXYL COMPOUNDS
 INDIUM COMPOUNDS
 INORGANIC COMPOUNDS
 INTERCALATION
 IODINE COMPOUNDS
 IRIIDIUM COMPOUNDS
 IRON COMPOUNDS

CHEMICAL COMPOUNDS--(cont.)

ISOPROPYL COMPOUNDS
 LANTHANUM COMPOUNDS
 LEAD COMPOUNDS
 LEAD ORGANIC COMPOUNDS
 LITHIUM COMPOUNDS
 LUTETIUM COMPOUNDS
 MAGNESIUM COMPOUNDS
 MANGANESE COMPOUNDS
 MERCURY COMPOUNDS
 ∞ METAL COMPOUNDS
 METHOXY SYSTEMS
 METHYL COMPOUNDS
 MOLECULES
 MOLYBDENUM COMPOUNDS
 MONATOMIC MOLECULES
 NEODYMIUM COMPOUNDS
 NEPTUNIUM COMPOUNDS
 NICKEL COMPOUNDS
 NIOBIUM COMPOUNDS
 NITRO COMPOUNDS
 NITROGEN COMPOUNDS
 NITRONIUM COMPOUNDS
 NITROSO COMPOUNDS
 ORGANIC ALUMINUM COMPOUNDS
 ORGANIC BORON COMPOUNDS
 ORGANIC COMPOUNDS
 ORGANIC GERMANIUM COMPOUNDS
 ORGANIC LITHIUM COMPOUNDS
 ORGANIC PHOSPHORUS COMPOUNDS
 ORGANIC SEMICONDUCTORS
 ORGANIC SILICON COMPOUNDS
 ORGANIC SULFUR COMPOUNDS
 ORGANIC TIN COMPOUNDS
 ORGANOMETALLIC COMPOUNDS
 OSMIUM COMPOUNDS
 ∞ OXYGEN COMPOUNDS
 OXYNITRIDES
 PALLADIUM COMPOUNDS
 PHOSGENE
 PHOSPHONIUM COMPOUNDS
 PHOSPHORUS COMPOUNDS
 PLATINUM COMPOUNDS
 PLUTONIUM COMPOUNDS
 POLONIUM COMPOUNDS
 POLYATOMIC MOLECULES
 POLYNUCLEAR ORGANIC COMPOUNDS
 POLYQUINOXALINES
 POTASSIUM COMPOUNDS
 PRASEODYMIUM COMPOUNDS
 PROPYL COMPOUNDS
 PROTACTINIUM COMPOUNDS
 RARE EARTH COMPOUNDS
 ∞ RARE GAS COMPOUNDS
 REFRACTORY MATERIALS
 RHENIUM COMPOUNDS
 RHODIUM COMPOUNDS
 RUBIDIUM COMPOUNDS
 RUTHENIUM COMPOUNDS
 SAMARIUM COMPOUNDS
 SCANDIUM COMPOUNDS
 SELENIUM COMPOUNDS
 SILICON COMPOUNDS
 SILVER COMPOUNDS
 SODIUM COMPOUNDS
 STRONTIUM COMPOUNDS
 STRONTIUM OXIDES
 STYPHNATES
 SULFUR COMPOUNDS
 SULFUR HEXAFLUORIDE
 TANTALUM COMPOUNDS
 TECHNETIUM COMPOUNDS
 TELLURIUM COMPOUNDS
 TETRAHYDROFURAN
 THIOLS
 THORIUM COMPOUNDS
 THULIUM COMPOUNDS
 TIN COMPOUNDS
 TITANIUM COMPOUNDS
 TRIETHYL COMPOUNDS
 TRIMETHYL COMPOUNDS
 TRINITRO COMPOUNDS
 TROPYL COMPOUNDS
 TUNGSTEN COMPOUNDS
 URANIUM COMPOUNDS
 VANADIUM COMPOUNDS
 VANADYL COMPOUNDS
 WISWESSER NOTATIONS
 XENON COMPOUNDS
 YTTERBIUM COMPOUNDS
 YTTRIUM COMPOUNDS
 ZINC COMPOUNDS
 ZIRCONIUM COMPOUNDS

CHEMICAL DEFENSE
 RT CIVIL DEFENSE

CHEMICAL DEFENSE--(cont.)

CLOTHING
 DRUGS
 FIRST AID
 INJURIES
 MASKS
 NEUROLOGY
 PHYSIOLOGICAL FACTORS
 PROTECTIVE CLOTHING
 SAFETY DEVICES
 WARFARE

CHEMICAL EFFECTS

RT BIOLOGICAL EFFECTS
 ∞ EFFECTS
 STERILIZATION EFFECTS
 TEMPERATURE EFFECTS

CHEMICAL ELEMENTS

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . ACTINIUM
 . RADIUM
 . . . RADIUM ISOTOPES
 RADIUM 226
 . THORIUM
 . . . THORIUM ISOTOPES
 TRANSURANIUM ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 . ALKALI METALS
 . . CESIUM
 . . . CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 FRANCIUM
 LITHIUM
 LIQUID LITHIUM
 LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 . ALKALINE EARTH METALS
 . . BARIUM ISOTOPES
 . . . ALUMINIUM
 ALUMINIUM ISOTOPES
 ALUMINIUM 26
 ALUMINIUM 27
 BARIUM
 BARIUM ISOTOPES

CHEMICAL ELEMENTS--(cont.)

. BERYLLIUM
 . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . BISMUTH
 . . BISMUTH ISOTOPES
 . CADMIUM
 . . CADMIUM ISOTOPES
 . CALCIUM
 . . CALCIUM ISOTOPES
 . CARBON
 . . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 . CHROMIUM
 . . CHROMIUM ISOTOPES
 . COBALT
 . . COBALT ISOTOPES
 . . . COBALT 58
 . . . COBALT 60
 . COPPER
 . . COPPER ISOTOPES
 . ELEMENT 104
 . ELEMENT 105
 . GALLIUM
 . . GALLIUM ISOTOPES
 . GOLD
 . . GOLD ISOTOPES
 . . . GOLD 198
 . HAFNIUM
 . . HAFNIUM ISOTOPES
 . HALOGENS
 . . ASTATINE
 . . . BROMINE
 BROMINE ISOTOPES
 CHLORINE
 FLUORINE
 FLUORINE ISOTOPES
 IODINE
 IODINE ISOTOPES
 IODINE 125
 IODINE 131
 IODINE 132
 HEAVY ELEMENTS
 HYDROGEN
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 METALLIC HYDROGEN
 TRITIUM
 LIQUID HYDROGEN
 INDIUM
 IRIDIUM
 IRIDIUM ISOTOPES
 IRON
 IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 LEAD (METAL)
 LEAD ISOTOPES
 LIGHT ELEMENTS
 MAGNESIUM
 MAGNESIUM ISOTOPES
 MANGANESE
 MANGANESE ISOTOPES
 MERCURY (METAL)
 MERCURY ISOTOPES
 MERCURY VAPOR
 METALLOIDS
 ANTIMONY
 ANTIMONY ISOTOPES
 ARSENIC
 ARSENIC ISOTOPES
 BORON
 BORON ISOTOPES
 BORON 10
 GERMANIUM
 GERMANIUM ISOTOPES
 POLONIUM
 POLONIUM ISOTOPES
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 SILICON
 AMORPHOUS SILICON
 SILICON ISOTOPES
 TELLURIUM
 TELLURIUM ISOTOPES
 MOLYBDENUM
 NICKEL
 NICKEL ISOTOPES
 NIOBIUM

CHEMICAL ELEMENTS--(cont.)

. . . NIOBIUM ISOTOPES
 . . . NIOBIUM 95
 . . . NITROGEN
 . . . LIQUID NITROGEN
 . . . NITROGEN ISOTOPES
 . . . NITROGEN 15
 . . . NITROGEN 16
 . . . SOLID NITROGEN
 . . . NUCLIDES
 . . . ISOTOPES
 . . . ALUMINUM ISOTOPES
 . . . ALUMINUM 26
 . . . ALUMINUM 27
 . . . ANTIMONY ISOTOPES
 . . . ARGON ISOTOPES
 . . . ARSENIC ISOTOPES
 . . . BARIUM ISOTOPES
 . . . BERYLLIUM ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . . . BISMUTH ISOTOPES
 . . . BORON ISOTOPES
 . . . BORON 10
 . . . BROMINE ISOTOPES
 . . . CADMIUM ISOTOPES
 . . . CALCIUM ISOTOPES
 . . . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . . . CESIUM ISOTOPES
 . . . CESIUM 133
 . . . CESIUM 134
 . . . CESIUM 137
 . . . CESIUM 144
 . . . CESIUM VAPOR
 . . . CHROMIUM ISOTOPES
 . . . COBALT ISOTOPES
 . . . COBALT 58
 . . . COBALT 60
 . . . DYSPROSIUM ISOTOPES
 . . . ERBIUM ISOTOPES
 . . . EUROPIUM ISOTOPES
 . . . FLUORINE ISOTOPES
 . . . GADOLINIUM ISOTOPES
 . . . GALLIUM ISOTOPES
 . . . GERMANIUM ISOTOPES
 . . . GOLD ISOTOPES
 . . . GOLD 198
 . . . HAFNIUM ISOTOPES
 . . . HELIUM ISOTOPES
 . . . HOLMIUM ISOTOPES
 . . . HYDROGEN ISOTOPES
 . . . DEUTERIUM
 . . . HYDROGEN 4
 . . . TRITIUM
 . . . IODINE ISOTOPES
 . . . IODINE 125
 . . . IODINE 131
 . . . IODINE 132
 . . . IRIIDIUM ISOTOPES
 . . . IRON ISOTOPES
 . . . IRON 57
 . . . IRON 58
 . . . IRON 59
 . . . KRYPTON ISOTOPES
 . . . KRYPTON 85
 . . . LANTHANUM ISOTOPES
 . . . LEAD ISOTOPES
 . . . LITHIUM ISOTOPES
 . . . LUTETIUM
 . . . LUTETIUM ISOTOPES
 . . . MANGANESE ISOTOPES
 . . . MERCURY ISOTOPES
 . . . MOLYBDENUM ISOTOPES
 . . . NEODYMIUM ISOTOPES
 . . . NEON ISOTOPES
 . . . NICKEL ISOTOPES
 . . . NIOBIUM ISOTOPES
 . . . NIOBIUM 95
 . . . NITROGEN ISOTOPES
 . . . NITROGEN 15
 . . . NITROGEN 16
 . . . NOBELIUM ISOTOPES
 . . . OXYGEN ISOTOPES
 . . . OXYGEN 18
 . . . PALLADIUM ISOTOPES
 . . . PHOSPHORUS ISOTOPES
 . . . PHOSPHORUS 32
 . . . PLATINUM ISOTOPES
 . . . POLONIUM ISOTOPES

CHEMICAL ELEMENTS--(cont.)

. . . POLONIUM 208
 . . . POLONIUM 209
 . . . POLONIUM 210
 . . . POTASSIUM ISOTOPES
 . . . POTASSIUM 38
 . . . POTASSIUM 39
 . . . POTASSIUM 40
 . . . PRASEODYMIUM ISOTOPES
 . . . PROMETHIUM ISOTOPES
 . . . PROTACTINIUM ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 . . . ASTATINE ISOTOPES
 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . . . CARBON 14
 . . . CERIUM 137
 . . . CERIUM 144
 . . . CESIUM 134
 . . . CESIUM 137
 . . . CESIUM 144
 . . . COBALT 58
 . . . COBALT 60
 . . . GOLD 198
 . . . INDIUM ISOTOPES
 . . . IODINE 125
 . . . IODINE 131
 . . . IODINE 132
 . . . IRON 59
 . . . KRYPTON 85
 . . . NIOBIUM 95
 . . . NITROGEN 16
 . . . PHOSPHORUS 32
 . . . POLONIUM 208
 . . . POLONIUM 209
 . . . POLONIUM 210
 . . . POTASSIUM 38
 . . . POTASSIUM 40
 . . . RUBIDIUM 86
 . . . SODIUM 22
 . . . SODIUM 24
 . . . STRONTIUM 85
 . . . STRONTIUM 88
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 . . . TRANSURANIUM ELEMENTS
 . . . AMERICIUM
 . . . AMERICIUM ISOTOPES
 . . . AMERICIUM 241
 . . . BERKELIUM
 . . . CALIFORNIUM
 . . . CALIFORNIUM ISOTOPES
 . . . CURIUM
 . . . CURIUM ISOTOPES
 . . . CURIUM 242
 . . . CURIUM 244
 . . . EINSTEINIUM
 . . . FERMIUM
 . . . LAWRENCIUM
 . . . MENDELEVIUM
 . . . NEPTUNIUM
 . . . NEPTUNIUM ISOTOPES
 . . . NOBELIUM
 . . . PLUTONIUM
 . . . PLUTONIUM ISOTOPES
 . . . PLUTONIUM 238
 . . . PLUTONIUM 239
 . . . PLUTONIUM 240
 . . . PLUTONIUM 241
 . . . PLUTONIUM 244
 . . . SERGENIUM
 . . . TRITIUM
 . . . URANIUM 232
 . . . URANIUM 233
 . . . URANIUM 238
 . . . XENON 133
 . . . XENON 135
 . . . ZIRCONIUM 95
 . . . RADIUM ISOTOPES
 . . . RADIUM 226
 . . . RADON ISOTOPES
 . . . RHENIUM ISOTOPES
 . . . RHODIUM ISOTOPES
 . . . RUBIDIUM ISOTOPES
 . . . RUBIDIUM 86
 . . . RUTHENIUM ISOTOPES
 . . . SCANDIUM ISOTOPES
 . . . SELENIUM ISOTOPES
 . . . SILVER ISOTOPES
 . . . SODIUM ISOTOPES
 . . . SODIUM 22
 . . . SODIUM 24
 . . . STRONTIUM ISOTOPES
 . . . STRONTIUM 85
 . . . STRONTIUM 87

CHEMICAL ELEMENTS--(cont.)

. . . STRONTIUM 89
 . . . STRONTIUM 90
 . . . TANTALUM ISOTOPES
 . . . TELLURIUM
 . . . TELLURIUM ISOTOPES
 . . . TERBIUM ISOTOPES
 . . . THORIUM ISOTOPES
 . . . THULIUM ISOTOPES
 . . . TIN ISOTOPES
 . . . TITANIUM ISOTOPES
 . . . URANIUM ISOTOPES
 . . . URANIUM 232
 . . . URANIUM 233
 . . . URANIUM 234
 . . . URANIUM 235
 . . . URANIUM 238
 . . . VANADIUM ISOTOPES
 . . . XENON ISOTOPES
 . . . XENON 129
 . . . XENON 133
 . . . XENON 135
 . . . YTTRIUM ISOTOPES
 . . . ZINC ISOTOPES
 . . . ZIRCONIUM ISOTOPES
 . . . ZIRCONIUM 95
 . . . OSMIUM
 . . . OSMIUM ISOTOPES
 . . . OXYGEN
 . . . LIQUID OXYGEN
 . . . OXYGEN ISOTOPES
 . . . OXYGEN 17
 . . . OXYGEN 18
 . . . PALLADIUM
 . . . PHOSPHORUS
 . . . PHOSPHORUS ISOTOPES
 . . . PHOSPHORUS 32
 . . . PLATINUM
 . . . PLATINUM ISOTOPES
 . . . PROTACTINIUM
 . . . PROTACTINIUM ISOTOPES
 . . . RARE EARTH ELEMENTS
 . . . CERIUM
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . . . DYSPROSIUM
 . . . DYSPROSIUM ISOTOPES
 . . . ERBIUM
 . . . ERBIUM ISOTOPES
 . . . EUROPIUM
 . . . EUROPIUM ISOTOPES
 . . . GADOLINIUM
 . . . GADOLINIUM ISOTOPES
 . . . HOLMIUM
 . . . HOLMIUM ISOTOPES
 . . . LANTHANUM
 . . . LANTHANUM ISOTOPES
 . . . LUTETIUM
 . . . LUTETIUM ISOTOPES
 . . . NEODYMIUM
 . . . NEODYMIUM ISOTOPES
 . . . PRASEODYMIUM
 . . . PRASEODYMIUM ISOTOPES
 . . . PROMETHIUM
 . . . PROMETHIUM ISOTOPES
 . . . SAMARIUM
 . . . SAMARIUM ISOTOPES
 . . . SCANDIUM
 . . . SCANDIUM ISOTOPES
 . . . TERBIUM
 . . . TERBIUM ISOTOPES
 . . . THULIUM
 . . . THULIUM ISOTOPES
 . . . YTTERBIUM
 . . . YTTERBIUM ISOTOPES
 . . . YTTRIUM
 . . . YTTRIUM ISOTOPES
 . . . RARE GASES
 . . . ARGON
 . . . ARGON ISOTOPES
 . . . HELIUM
 . . . HELIUM ISOTOPES
 . . . LIQUID HELIUM
 . . . LIQUID HELIUM 2
 . . . KRYPTON
 . . . KRYPTON ISOTOPES
 . . . KRYPTON 85
 . . . NEON
 . . . LIQUID NEON
 . . . NEON ISOTOPES
 . . . RADON
 . . . RADON ISOTOPES
 . . . XENON
 . . . XENON ISOTOPES
 . . . XENON 129

CHEMICAL ELEMENTS--(cont.)

. . . . XENON 133
 XENON 135
 . RHENIUM
 . RHENIUM ISOTOPES
 . RHODIUM
 . RHODIUM ISOTOPES
 . RUTHENIUM
 . RUTHENIUM ISOTOPES
 . SELENIUM
 . SILVER
 . SILVER ISOTOPES
 . STRONTIUM
 . . . STRONTIUM ISOTOPES
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 . SULFUR
 . . . SULFUR ISOTOPES
 . TANTALUM
 . TANTALUM ISOTOPES
 . TECHNETIUM
 . THALLIUM
 . THALLIUM ISOTOPES
 . TIN
 . . . TIN ISOTOPES
 . TITANIUM
 . . . TITANIUM ISOTOPES
 . TUNGSTEN
 . VANADIUM
 . . . VANADIUM ISOTOPES
 . ZINC
 . . . ZINC ISOTOPES
 . ZIRCONIUM
 . . . ZIRCONIUM ISOTOPES
 . . . ZIRCONIUM 95
 RT ATOMS
 ∞CHEMICALS
 ∞ELEMENTS
 FERROUS METALS
 IONS
 ISOTOPIC ENRICHMENT
 LIGHT IONS
 METALS
 NONFERROUS METALS
 NUCLEAR ISOBARS
 PLASMAS (PHYSICS)
 TRACE CONTAMINANTS

CHEMICAL ENERGY

GS **CHEMICAL ENERGY**
 . ENERGY OF FORMATION
 RT ∞ENERGY
 FREE ENERGY
 INTERNAL ENERGY
 KINETIC ENERGY
 ∞LEVEL
 MOLECULAR ENERGY LEVELS
 ∞NUCLEAR ENERGY
 POTENTIAL ENERGY

CHEMICAL ENGINEERING

RT AEROTHERMOCHEMISTRY
 ∞CHEMISTRY
 COMBUSTION CHEMISTRY
 CRACKING (CHEMICAL ENGINEERING)
 DIFFUSION
 ∞ENGINEERING
 FLUID FLOW
 FURNACES
 HEAT TRANSFER
 MATERIALS HANDLING
 ∞OPERATIONS
 THERMOCHEMISTRY

CHEMICAL EQUILIBRIUM

UF CHAPMAN-JOUGET FLAME
 CHEMICAL SHIFT
 GS **CHEMICAL EQUILIBRIUM**
 . ACID BASE EQUILIBRIUM
 RT ASSOCIATION REACTIONS
 BUFFERS (CHEMISTRY)
 DISSOCIATION
 ∞EQUILIBRIUM
 HEAT OF DISSOCIATION
 PHASE RULE
 REACTION KINETICS
 THERMODYNAMIC EQUILIBRIUM

CHEMICAL EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 . **CHEMICAL EVOLUTION**
 RT ABIOTIC EVOLUTION
 BIOLOGICAL EVOLUTION

CHEMICAL EVOLUTION--(cont.)

∞EVOLUTION
 EXOBIOLOGY
 LIFE SCIENCES
 ORGANIC COMPOUNDS
 PROTEIN SYNTHESIS
 PROTOBIOLOGY
 CHEMICAL EXPLOSIONS
 GS EXPLOSIONS
 . **CHEMICAL EXPLOSIONS**
 . . . GAS EXPLOSIONS
 RT AERIAL EXPLOSIONS
 COMBUSTION
 DETONABLE GAS MIXTURES
 DETONATION
 EXPLOSIVES
 FLAMMABLE GASES
 TURBULENT COMBUSTION
 UNDERGROUND EXPLOSIONS
 UNDERWATER EXPLOSIONS

CHEMICAL EXTINGUISHERS

USE FIRE EXTINGUISHERS

CHEMICAL FRACTIONATION

GS FRACTIONATION
 . **CHEMICAL FRACTIONATION**
 RT DISTILLATION
 REFINING
 ∞SEPARATION

CHEMICAL FUELS

GS FUELS
 . **CHEMICAL FUELS**
 . . . ENDOTHERMIC FUELS
 . . . HIGH ENERGY FUELS
 . . . HYDROCARBON FUELS
 . . . DIESEL FUELS
 . . . GASOLINE
 . . . JET ENGINE FUELS
 JP-4 JET FUEL
 JP-5 JET FUEL
 JP-6 JET FUEL
 JP-8 JET FUEL
 . . . LIQUEFIED NATURAL GAS
 . . . SYNTHANE
 . . . LIQUID FUELS
 . . . AIRCRAFT FUELS
 . . . ANTIMISTING FUELS
 . . . AUTOMOBILE FUELS
 . . . DIESEL FUELS
 . . . GASOLINE
 . . . HYDROGEN FUELS
 . . . JET ENGINE FUELS
 JP-4 JET FUEL
 JP-5 JET FUEL
 JP-6 JET FUEL
 JP-8 JET FUEL
 . . . KEROSENE
 . . . METAL FUELS
 . . . SYNTHETIC FUELS
 . . . GASOL (FUEL)
 . . . SYNTHANE
 RT CLEAN FUELS
 EXPLOSIVES
 FUEL PRODUCTION
 GELLED PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYBRID PROPELLANTS
 MONOPROPELLANTS
 PLASTIC PROPELLANTS
 PROPELLANTS
 PYROTECHNICS
 SOLID PROPELLANTS

CHEMICAL INDICATORS

RT ∞INDICATORS
 METHYLENE BLUE
 PHLOROGLUCINOL

CHEMICAL KINETICS

USE REACTION KINETICS

CHEMICAL LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **CHEMICAL LASERS**
 . . . HCL LASERS
 RT ARGON LASERS
 CARBON DIOXIDE LASERS
 CARBON LASERS
 CARBON MONOXIDE LASERS
 GAS LASERS
 HCN LASERS

CHEMICAL LASERS--(cont.)

HF LASERS
 INFRARED LASERS
 LIQUID LASERS
 ORGANIC LASERS
 Q SWITCHED LASERS
 TEA LASERS
 TUBE LASERS

CHEMICAL MACHINING

UF CHEMICAL MILLING
 GS MACHINING
 . **CHEMICAL MACHINING**
 . . ELECTROCHEMICAL MACHINING
 RT MILLING (MACHINING)

CHEMICAL MILLING

USE CHEMICAL MACHINING

CHEMICAL PROPERTIES

GS **CHEMICAL PROPERTIES**
 . ACIDITY
 . SALINITY
 . THERMOCHEMICAL PROPERTIES
 . . . HEAT OF COMBUSTION
 . . . HEAT OF DISSOCIATION
 . . . HEAT OF FORMATION
 . . . HEAT OF SOLUTION
 . . . LATENT HEAT
 . . . HEAT OF FUSION
 . . . HEAT OF VAPORIZATION
 RT ADSORPTIVITY
 ∞HIGH RESISTANCE
 HYGROSCOPICITY
 ∞LOW RESISTANCE
 MOISTURE CONTENT
 PASSIVITY
 ∞PHYSICAL PROPERTIES
 PROPELLANT PROPERTIES
 ∞PROPERTIES
 ∞RESISTANCE
 THERMODYNAMIC PROPERTIES
 TOXICITY
 TOXICITY AND SAFETY HAZARD

CHEMICAL PROPULSION

UF CHEMONUCLEAR PROPULSION
 GS PROPULSION
 . **CHEMICAL PROPULSION**
 . . HYBRID PROPULSION
 RT JET PROPULSION
 MARINE PROPULSION
 SPACECRAFT PROPULSION
 UNDERWATER PROPULSION

CHEMICAL REACTION CONTROL

RT AGITATION
 ∞CONTROL
 ∞REACTION CONTROL
 TEMPERATURE CONTROL

CHEMICAL REACTIONS

UF FLAME INTERACTION
 GS **CHEMICAL REACTIONS**
 . ACYLATION
 . . ACETYLATION
 . ALKYLATION
 . AMMONOLYSIS
 . ASSOCIATION REACTIONS
 . ATOMIC RECOMBINATION
 . . OXYGEN RECOMBINATION
 . CARBONIZATION
 . CARBOXYLATION
 . COPOLYMERIZATION
 . CRACKING (CHEMICAL ENGINEERING)
 . . HYDROCRACKING
 . . PYROLYSIS
 . DECARBONATION
 . DECARBOXYLATION
 . DEFLUORINATION
 . DEHYDROGENATION
 . DEIONIZATION
 . DENITROGENATION
 . DEPOLYMERIZATION
 . DESULFURIZING
 . DIELS-ALDER REACTIONS
 . ENDOTHERMIC REACTIONS
 . EPOXIDATION
 . EXOTHERMIC REACTIONS
 . FERMENTATION
 . FRIEDEL-CRAFT REACTION
 . GLYCOLYSIS
 . GRIGNARD REACTIONS
 . HALOGENATION
 . . BROMINATION

CHEMICAL REACTIONS--(cont.)

. . CHLORINATION
 . . FLUORINATION
 . . HYDROBORATION
 . . HYDROGENOLYSIS
 . . HYDROCRACKING
 . . HYDROLYSIS
 . . ION RECOMBINATION
 . . METAL-WATER REACTIONS
 . . METATHESIS
 . . METHANATION
 . . METHYLATION
 . . MICHAEL REACTION
 . . NITRATION
 . . NITRIDING
 . . NITROGENATION
 . . NITROLYSIS
 . . OXIDATION
 . . ELECTROCHEMICAL OXIDATION
 . . PHOTOOXIDATION
 . . RUSTING
 . . OXIDATION-REDUCTION REACTIONS
 . . OXYGENATION
 . . PHOSPHORYLATION
 . . PHOTOCHEMICAL REACTIONS
 . . PHOTOCHROMISM
 . . PHOTODECOMPOSITION
 . . PHOTOLYSIS
 . . PHOTOSYNTHESIS
 . . RADIOLYSIS
 . . PYROHYDROLYSIS
 . . REDUCTION (CHEMISTRY)
 . . DEOXIDIZING
 . . HYDROGENATION
 . . SABATIER REACTION
 . . SULFATION
 . . SULFIDATION
 . . THERMAL DECOMPOSITION
 . . PYROLYSIS
 . . THERMAL DISSOCIATION
 . . TITRATION
 RT BIOSYNTHESIS
 . . CHELATION
 . . COMBUSTION CHEMISTRY
 . . CORROSION
 . . GAS-METAL INTERACTIONS
 . . HYDRATION
 . . INTERSTELLAR CHEMISTRY
 ∞ OPERATIONS
 . . PARTICLE INTERACTIONS
 . . PLASMA JET SYNTHESIS
 . . POLYMERIZATION
 . . RADIOCHEMICAL SEPARATION
 . . REACTING FLOW
 ∞ REACTION
 . . REACTION BONDING
 . . REACTION KINETICS
 . . REACTIVITY
 . . REAGENTS
 . . SODALITE
 . . SOLVATION
 . . STOICHIOMETRY
 . . SURFACE REACTIONS
 ∞ SYNTHESIS
 . . SYNTHESIS (CHEMISTRY)
 . . SYNTHETIC FUELS
 . . THERMOCHEMISTRY

CHEMICAL REACTORS

RT AUTOCLAVES
 . . BEDS (PROCESS ENGINEERING)
 . . BURNERS
 . . COLUMNS (PROCESS ENGINEERING)
 . . CONTACTORS
 . . FLUIDIZED BED PROCESSORS
 . . FURNACES
 . . GAS GENERATORS
 ∞ GAS REACTORS
 . . REACTOR DESIGN
 . . REACTOR MATERIALS
 . . REACTOR SAFETY
 ∞ REACTORS
 . . SYNTHESIZERS
 . . TANKS (CONTAINERS)
 . . WATER COOLED REACTORS

CHEMICAL RELAXATION

USE MOLECULAR RELAXATION

CHEMICAL RELEASE MODULES

GS MODULES
 . . CHEMICAL RELEASE MODULES
 RT CHEMICAL CLOUDS
 . . CRRES (SATELLITE)
 . . DISPERSING

CHEMICAL SHIFT

USE CHEMICAL EQUILIBRIUM

CHEMICAL STERILIZATION

GS CLEANING
 . . STERILIZATION
 RT ANTISEPTICS
 . . BACTERICIDES
 . . ETHYLENE OXIDE
 . . PURIFICATION
 . . SEWAGE TREATMENT
 . . SPACECRAFT STERILIZATION

CHEMICAL TESTS

GS CHEMICAL TESTS
 . . CHEMICAL ANALYSIS
 . . CHROMATOGRAPHY
 . . . GAS CHROMATOGRAPHY
 . . . LIQUID CHROMATOGRAPHY
 . . . PAPER CHROMATOGRAPHY
 . . . THIN LAYER CHROMATOGRAPHY
 . . ELECTROPHOTOMETRY
 . . GAS ANALYSIS
 . . OZONOMETRY
 . . VAN SLYKE METHOD
 . . IODIMETRY
 . . KARL FISCHER REAGENT
 . . MICROANALYSIS
 . . NEUTRON ACTIVATION ANALYSIS
 . . POTENTIOMETRIC ANALYSIS
 . . QUALITATIVE ANALYSIS
 . . QUANTITATIVE ANALYSIS
 . . KJELDAHL METHOD
 . . VAN SLYKE METHOD
 . . SPECTROSCOPIC ANALYSIS
 . . URINALYSIS
 . . VOLUMETRIC ANALYSIS
 . . SALT SPRAY TESTS
 RT CORROSION RESISTANCE
 . . GAS SPECTROSCOPY
 . . HIGH TEMPERATURE TESTS
 . . INSPECTION
 . . LOW TEMPERATURE TESTS
 . . NONDESTRUCTIVE TESTS
 . . QUALITY CONTROL
 . . SAMPLING
 . . STAINING
 ∞ TESTS

CHEMICAL VAPOR DEPOSITION

USE VAPOR DEPOSITION

CHEMICAL VAPOR INFILTRATION

UF CVI (FABRICATION)
 GS INFILTRATION
 . . CHEMICAL VAPOR INFILTRATION
 RT CARBON FIBERS
 . . CERAMIC FIBERS
 . . CERAMIC MATRIX COMPOSITES
 . . COMPOSITE MATERIALS
 . . DENSIFICATION
 . . FIBER COMPOSITES

CHEMICAL WARFARE

GS WARFARE
 . . CHEMICAL WARFARE
 RT BIOCHEMISTRY
 . . PHYSIOLOGICAL FACTORS

CHEMICALLY REACTING FLOW

USE REACTING FLOW

∞ CHEMICALS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ∞ CHEMICAL COMPOUNDS
 . . CHEMICAL ELEMENTS

CHEMILUMINESCENCE

GS EMISSION
 . . LIGHT EMISSION
 . . LUMINESCENCE
 . . CHEMILUMINESCENCE
 RT AIRGLOW
 . . PHOSPHORESCENCE

CHEMISORPTION

GS SORPTION
 . . ADSORPTION
 . . CHEMISORPTION
 RT ADSORPTIVITY
 . . GAS-METAL INTERACTIONS

CHEMISORPTION--(cont.)

HYDROGEN EMBRITTLEMENT
 MASKING

∞ CHEMISTRY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT AEROTHERMOCHEMISTRY
 . . AEROTHERMODYNAMICS
 . . ANALYTICAL CHEMISTRY
 . . ATMOSPHERIC CHEMISTRY
 . . BIOCHEMISTRY
 . . BIOGEOCHEMISTRY
 . . CHEMICAL ANALYSIS
 . . CHEMICAL ENGINEERING
 . . CHEMOTHERAPY
 . . COMBUSTION CHEMISTRY
 . . COMPUTATIONAL CHEMISTRY
 . . CRYOCHEMISTRY
 . . ELECTROCHEMISTRY
 . . ENVIRONMENTAL CHEMISTRY
 . . GEOCHEMISTRY
 . . HYDROXYL RADICALS
 . . INORGANIC CHEMISTRY
 . . INTERSTELLAR CHEMISTRY
 . . MARINE CHEMISTRY
 . . NUCLEAR CHEMISTRY
 . . ORGANIC CHEMISTRY
 . . PHOTOELECTROCHEMISTRY
 . . PHYSICAL CHEMISTRY
 ∞ PHYSICAL SCIENCES
 . . PHYSICS AND CHEMISTRY EXPERIMENT
 . . IN SPACE
 . . PHYSIOCHEMISTRY
 . . PLASMA CHEMISTRY
 . . POLYMER CHEMISTRY
 . . PRECIPITATION (CHEMISTRY)
 . . PROPELLANT CHEMISTRY
 . . QUANTUM CHEMISTRY
 . . RADIATION CHEMISTRY
 . . RADIOCHEMISTRY
 . . REDUCTION (CHEMISTRY)
 . . SATURATION (CHEMISTRY)
 . . STEREOCHEMISTRY
 . . STOICHIOMETRY
 . . SYNTHESIS (CHEMISTRY)
 . . THERMOCHEMISTRY
 . . UNSATURATION (CHEMISTRY)
 . . WISWESSER NOTATIONS

CHEMONUCLEAR PROPULSION

USE CHEMICAL PROPULSION
 . . NUCLEAR PROPULSION

CHEMORECEPTORS

GS ANATOMY
 . . SENSE ORGANS
 . . CHEMORECEPTORS
 . . RECEPTORS (PHYSIOLOGY)
 RT CHEMORECEPTORS
 . . CAROTID SINUS BODY
 . . OLFACTORY PERCEPTION
 . . TASTE

CHEMOSPHERE

GS EARTH ATMOSPHERE
 . . CHEMOSPHERE
 RT BIOSPHERE
 . . EARTH IONOSPHERE
 . . HETEROSPHERE
 . . HOMOSPHERE
 . . LOWER ATMOSPHERE
 . . MESOSPHERE
 . . MIDDLE ATMOSPHERE
 . . OZONOSPHERE
 . . PLASMASPHERE
 . . STRATOSPHERE
 . . THERMOSPHERE
 . . TROPOSPHERE
 . . UPPER ATMOSPHERE

CHEMOTHERAPY

UF DRUG THERAPY
 GS THERAPY
 . . CHEMOTHERAPY
 RT ANTISEPTICS
 ∞ CHEMISTRY
 . . DRUGS

CHENA RIVER BASIN (AK)

GS LANDFORMS
 . . STRUCTURAL BASINS
 . . RIVER BASINS
 . . CHENA RIVER BASIN (AK)

CHENA RIVER BASIN (AK)---(cont.)

RT ALASKA

CHESAPEAKE BAY (US)

GS BAYS (TOPOGRAPHIC FEATURES)
 . **CHESAPEAKE BAY (US)**
 RT ESTUARIES
 MARYLAND
 RIVER BASINS
 SOUNDS (TOPOGRAPHIC FEATURES)
 VIRGINIA

CHEST

GS ANATOMY
 . **CHEST**
 RT THORAX
 TORSO

CHEWING

USE MASTICATION

CHIASMS

GS CROSSINGS
 . **CHIASMS**

CHICKENS

GS ANIMALS
 . VERTEBRATES
 . . BIRDS
 . . . **CHICKENS**

CHILD DEVICE

RT LEARNING
 LEARNING THEORY
 TRAINING DEVICES

CHILD-LANGMUIR LAW

GS LAWS
 . **CHILD-LANGMUIR LAW**
 RT PERVEANCE
 SPACE CHARGE
 THERMIONIC DIODES

CHILDREN

RT FEMALES
 HUMAN BEINGS
 MALES
 PARENTS
 PROGENY

CHILE

GS NATIONS
 . **CHILE**
 RT SOUTH AMERICA

CHILLING

USE COOLING

CHIMES

USE AUDITORY SIGNALS

CHIMNEYS

RT BUILDINGS
 EXHAUST SYSTEMS
 FLUES
 FURNACES
 PLUMES
 STACKS
 VENTS
 WASTE ENERGY UTILIZATION

CHIMPANZEES

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . PRIMATES
 APES
 **CHIMPANZEES**
 RT HUMAN BEINGS

CHIN

GS ANATOMY
 . FACE (ANATOMY)
 . . **CHIN**
 RT BONES
 HEAD (ANATOMY)

CHINA

UF CHINA (COMMUNIST) MAINLAND
 CHINESE PEOPLES REPUBLIC
 GS NATIONS
 . **CHINA**
 RT ASIA
 CHINESE AIRCRAFT

CHINA---(cont.)

CHINESE SPACE PROGRAM
 CHINESE SPACECRAFT
 HONG KONG
 TAIWAN

CHINA (COMMUNIST) MAINLAND

USE CHINA

CHINESE AIRCRAFT

RT ∞ AIRCRAFT
 CHINA

CHINESE PEOPLES REPUBLIC

USE CHINA

CHINESE SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . **CHINESE SPACE PROGRAM**
 RT CHINA
 ∞ RESEARCH PROJECTS
 SPACE MISSIONS
 TAIWAN

CHINESE SPACECRAFT

RT CHINA
 ∞ SPACECRAFT
 TAIWAN

CHINONE

USE QUINONES

CHINOOK HELICOPTER

USE CH-47 HELICOPTER

CHIPPING

RT ABRASION
 COMMINUTION
 CUTTING
 FLAKING
 FRACTURING
 FRAGMENTATION
 PITTING
 ∞ SEPARATION
 SPALLING
 SPLITTING
 WEAR

CHIPS

RT CHIPS (ELECTRONICS)
 FRAGMENTS
 SCRAP

CHIPS (ELECTRONICS)

RT APPLICATION SPECIFIC INTEGRATED
 CIRCUITS
 CHIPS
 INTEGRATED CIRCUITS
 LARGE SCALE INTEGRATION
 SYSTOLIC ARRAYS
 VERY LARGE SCALE INTEGRATION
 VHSIC (CIRCUITS)

CHIPS (MEMORY DEVICES)

RT ∞ DEVICES
 INTEGRATED CIRCUITS
 METAL-NITRIDE-OXIDE-SEMICONDUCTOR
 S
 SEMICONDUCTOR DEVICES

CHIRAL DYNAMICS

RT ∞ DYNAMICS
 GROUP THEORY
 LAGRANGE MULTIPLIERS
 MATRICES (MATHEMATICS)

CHIRON

UF MINOR PLANET 2060
 GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . **CHIRON**
 RT APOLLO ASTEROIDS
 METEORIODS
 PLANETS
 SOLAR SYSTEM
 SPACE DEBRIS

CHIRONOMUS FLIES

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS

CHIRONOMUS FLIES---(cont.)

RT **CHIRONOMUS FLIES**
 DROSOPHILA
 INFESTATION

CHIRP

GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . **CHIRP**
 . . . CHIRP SIGNALS

CHIRP SIGNALS

GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . CHIRP
 . . . **CHIRP SIGNALS**
 RT ELECTROMAGNETIC NOISE
 ∞ SIGNALS

CHITIN

SN (A POLYSACCHARIDE WHICH IS THE
 PRINCIPAL CONSTITUENT OF THE
 SHELLS OF CRABS AND LOBSTERS,
 THE SHARDS OF BEETLES, AND IS
 ALSO FOUND IN CERTAIN FUNGI)
 GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . POLYSACCHARIDES
 . . . **CHITIN**
 RT GUMS (SUBSTANCES)
 STARCHES

CHLORAL

GS ALDEHYDES
 . **CHLORAL**

CHLORATES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . **CHLORATES**
 RT ∞ OXYGEN COMPOUNDS
 PERCHLORATES

CHLORELLA

GS PLANTS (BOTANY)
 . ALGAE
 . . **CHLORELLA**
 RT AEROSPACE MEDICINE
 CARBON DIOXIDE
 CULTURE TECHNIQUES
 LIFE SUPPORT SYSTEMS
 OXYGEN
 PHOTOSYNTHESIS

CHLORIDES

UF PENTACHLORIDES
 TRICHLORIDES
 GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . **CHLORIDES**
 . . . ALUMINUM CHLORIDES
 . . . AMMONIUM CHLORIDES
 . . . BERYLLIUM CHLORIDES
 . . . BORON CHLORIDES
 . . . CADMIUM CHLORIDES
 . . . CALCIUM CHLORIDES
 . . . CARBON TETRACHLORIDE
 . . . COPPER CHLORIDES
 . . . DICHLORIDES
 . . . GERMANIUM CHLORIDES
 . . . HYDROCHLORIDES
 . . . IRON CHLORIDES
 . . . LANTHANUM CHLORIDES
 . . . LEAD CHLORIDES
 . . . LITHIUM CHLORIDES
 . . . MAGNESIUM CHLORIDES
 . . . NITROSYL CHLORIDES
 . . . NITROXYCHLORIDES
 . . . NITRYL CHLORIDES
 . . . PHOSGENE
 . . . POTASSIUM CHLORIDES
 . . . SILICON TETRACHLORIDE
 . . . SILVER CHLORIDES
 . . . SODIUM CHLORIDES
 . . . SULFUR CHLORIDES
 . . . TETRACHLORIDES
 . . . TITANIUM CHLORIDES
 . . . TUNGSTEN CHLORIDES
 . . . ZINC CHLORIDES
 . HALIDES
 . . **CHLORIDES**
 . . . ALUMINUM CHLORIDES
 . . . AMMONIUM CHLORIDES
 . . . BERYLLIUM CHLORIDES
 . . . BORON CHLORIDES

CHLORIDES--(cont.)

... CADMIUM CHLORIDES
 ... CALCIUM CHLORIDES
 ... CARBON TETRACHLORIDE
 ... COPPER CHLORIDES
 ... DICHLORIDES
 ... GERMANIUM CHLORIDES
 ... HYDROCHLORIDES
 ... HYDROGEN CHLORIDES
 ... HYDROCHLORIC ACID
 ... IRON CHLORIDES
 ... LANTHANUM CHLORIDES
 ... LEAD CHLORIDES
 ... LITHIUM CHLORIDES
 ... MAGNESIUM CHLORIDES
 ... NITROSYL CHLORIDES
 ... NITROXYCHLORIDES
 ... NITRYL CHLORIDES
 ... PHOSGENE
 ... POTASSIUM CHLORIDES
 ... SILICON TETRACHLORIDE
 ... SILVER CHLORIDES
 ... SODIUM CHLORIDES
 ... SULFUR CHLORIDES
 ... TETRACHLORIDES
 ... TITANIUM CHLORIDES
 ... TUNGSTEN CHLORIDES
 ... ZINC CHLORIDES
 RT METHYL CHLORIDE
 POLYVINYL CHLORIDE
 SALT BEDS

CHLORINATION

GS CHEMICAL REACTIONS
 . HALOGENATION
 . **CHLORINATION**
 RT BLEACHING
 HYDROMETALLURGY
 PYROMETALLURGY
 WATER TREATMENT

CHLORINE

GS CHEMICAL ELEMENTS
 . HALOGENS
 . **CHLORINE**

CHLORINE COMPOUNDS

GS HALOGEN COMPOUNDS
 . **CHLORINE COMPOUNDS**
 . CHLORATES
 . CHLORIDES
 . ALUMINUM CHLORIDES
 . AMMONIUM CHLORIDES
 . BERYLLIUM CHLORIDES
 . BORON CHLORIDES
 . CADMIUM CHLORIDES
 . CALCIUM CHLORIDES
 . CARBON TETRACHLORIDE
 . COPPER CHLORIDES
 . DICHLORIDES
 . GERMANIUM CHLORIDES
 . HYDROCHLORIDES
 . IRON CHLORIDES
 . LANTHANUM CHLORIDES
 . LEAD CHLORIDES
 . LITHIUM CHLORIDES
 . MAGNESIUM CHLORIDES
 . NITROSYL CHLORIDES
 . NITROXYCHLORIDES
 . NITRYL CHLORIDES
 . PHOSGENE
 . POTASSIUM CHLORIDES
 . SILICON TETRACHLORIDE
 . SILVER CHLORIDES
 . SODIUM CHLORIDES
 . SULFUR CHLORIDES
 . TETRACHLORIDES
 . TITANIUM CHLORIDES
 . TUNGSTEN CHLORIDES
 . ZINC CHLORIDES
 . CHLORINE FLUORIDES
 . CHLORINE OXIDES
 . CHLOROCARBONS
 . CHLOROSILANES
 . DDT
 . MECLIZINE
 . PERCHLORATES
 . ALUMINIUM PERCHLORATES
 . AMMONIUM PERCHLORATES
 . HYDRAZINE PERCHLORATES
 . HYDROGEN PERCHLORATE
 . HYDROXYLAMMONIUM
 . PERCHLORATES
 . LITHIUM PERCHLORATES
 . MAGNESIUM PERCHLORATES

CHLORINE COMPOUNDS--(cont.)

... NITRONIUM PERCHLORATE
 ... POTASSIUM PERCHLORATES
 RT ∞ CHEMICAL COMPOUNDS
 HALOCARBONS

CHLORINE FLUORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . **CHLORINE FLUORIDES**
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . **CHLORINE FLUORIDES**
 . HALIDES
 . FLUORIDES
 . **CHLORINE FLUORIDES**
 RT LIQUID ROCKET PROPELLANTS

CHLORINE OXIDES

GS CHALCOGENIDES
 . OXIDES
 . **CHLORINE OXIDES**
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . **CHLORINE OXIDES**

CHLOROAROMATICS

GS **CHLOROAROMATICS**
 . CHLOROBENZENES
 RT ∞ AROMATIC COMPOUNDS

CHLOROBENZENES

GS CHLOROAROMATICS
 . **CHLOROBENZENES**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . CYCLIC HYDROCARBONS
 . **CHLOROBENZENES**
 . HYDROCARBONS
 . CYCLIC HYDROCARBONS
 . **CHLOROBENZENES**
 RT BENZENE

CHLOROCARBONS

GS CARBON COMPOUNDS
 . HALOCARBONS
 . **CHLOROCARBONS**
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . **CHLOROCARBONS**
 . HALOCARBONS
 . **CHLOROCARBONS**
 RT CHLOROFLUOROCARBONS

CHLOROETHYLENE

GS ETHYLENE COMPOUNDS
 . **CHLOROETHYLENE**

CHLOROFLUOROCARBONS

UF CFCS
 RT AIR POLLUTION
 CHLOROCARBONS
 CHLOROFLUOROMETHANE
 CONTAMINANTS
 FLUOROCARBONS
 GREENHOUSE EFFECT
 OZONE DEPLETION
 OZONOSPHERE

CHLOROFLUOROMETHANE

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORO COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . FLUOROXYDROCARBONS
 . **CHLOROFLUOROMETHANE**
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . FLUOROXYDROCARBONS
 . **CHLOROFLUOROMETHANE**
 . HYDROCARBONS
 . **CHLOROFLUOROMETHANE**
 RT AIR POLLUTION
 CHLOROFLUOROCARBONS
 CONTAMINANTS
 METHANE
 OZONE DEPLETION

CHLOROFORM

GS DRUGS
 . ANESTHETICS
 . **CHLOROFORM**
 RT ANESTHESIOLOGY

CHLOROFORMATE

GS ESTERS
 . **CHLOROFORMATE**
 FORMATES
 . **CHLOROFORMATE**

CHLOROPHYLLS

GS MAGNESIUM COMPOUNDS
 . **CHLOROPHYLLS**
 ORGANOMETALLIC COMPOUNDS
 . **CHLOROPHYLLS**
 PIGMENTS
 . **CHLOROPHYLLS**
 PORPHYRINS
 . **CHLOROPHYLLS**
 RT ALGAE
 BROWN WAVE EFFECT
 CELLS (BIOLOGY)
 CHLOROPLASTS
 COASTAL ZONE COLOR SCANNER
 GREEN WAVE EFFECT
 OCEAN COLOR SCANNER
 PHOTOSYNTHESIS
 PLANTS (BOTANY)
 PORPHINES
 SKIN (ANATOMY)

CHLOROPLASTS

GS ORGANELLES
 . **CHLOROPLASTS**
 RT CELLS (BIOLOGY)
 CHLOROPHYLLS
 CYTOPLASM
 PHOTOSYNTHESIS

CHLOROPRENE RESINS

UF NEOPRENES
 GS RUBBER
 . SYNTHETIC RUBBERS
 . ELASTOMERS
 . **CHLOROPRENE RESINS**

CHLOROSILANES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . **CHLOROSILANES**
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . SILANES
 . **CHLOROSILANES**
 SILICON COMPOUNDS
 . SILANES
 . **CHLOROSILANES**

CHLORPROMAZINE

GS HYDRAZINES
 . **CHLORPROMAZINE**

CHOCTAW HELICOPTER

USE CH-34 HELICOPTER

CHOICE

USE SELECTION

CHOKED FLOW

GS FLUID FLOW
 . **CHOKED FLOW**
 RT CHANNEL FLOW
 DUCTED FLOW
 FLOW VELOCITY
 INLET FLOW
 NOZZLE FLOW
 ORIFICE FLOW
 PIPE FLOW

CHOKES

SN (EXCLUDES FUEL SYSTEM AND
 ELECTRONIC DEVICES)
 RT CHOKES (RESTRICTIONS)
 ∞ DIFFUSERS
 ELECTRIC COILS
 MIXING
 NOZZLE INSERTS
 ∞ NOZZLES

CHOKES (FUEL SYSTEMS)

RT CARBURETORS
 FUEL SYSTEMS
 ORIFICES
 ∞ SYSTEMS

CHOKES (RESTRICTIONS)

RT CHOKES (FUEL SYSTEMS)
 CLOSURES

CHOKES (RESTRICTIONS)--(cont.)

CONSTRUCTIONS
 IMPEDANCE
 ∞ NOZZLES
 ORIFICES
 THROATS
 VALVES

CHOLERA

GS DISEASES
 . INFECTIOUS DISEASES
 . BACTERIAL DISEASES
 . . . **CHOLERA**
 RT HUMAN PATHOLOGY
 KIDNEY DISEASES
 PATHOGENESIS
 PATHOLOGICAL EFFECTS
 PHYSIOLOGICAL EFFECTS

CHOLESKY FACTORIZATION

RT CONJUGATES
 FINITE ELEMENT METHOD
 ITERATIVE SOLUTION
 REAL VARIABLES

CHOLESTEROL

GS ORGANIC COMPOUNDS
 . LIPIDS
 . . STERIODS
 . . . **CHOLESTEROL**
 RT ARTERIOSCLEROSIS
 LIQUID CRYSTALS

CHOLINE

GS ORGANIC COMPOUNDS
 . **CHOLINE**
 RT VITAMINS

CHOLINERGIC BLOCKING AGENTS

USE ANTICHOLINERGICS

CHOLINERGICS

GS DRUGS
 . **CHOLINERGICS**
 . . ANTICHOLINERGICS
 RT CYCLIC AMP

CHOLINESTERASE

GS BIOPOLYMERS
 . PROTEINS
 . ENZYMES
 . . . **CHOLINESTERASE**
 ORGANIC COMPOUNDS
 . PROTEINS
 . ENZYMES
 . . . **CHOLINESTERASE**
 RT NEUROMUSCULAR TRANSMISSION

CHONDRITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . **CHONDRITES**
 BRUDERHEIM METEORITE
 CARBONACEOUS CHONDRITES
 ALAIS METEORITE
 ALLENDE METEORITE
 COLD BOKKEVELD METEORITE
 IVUNA METEORITE
 MURCHISON METEORITE
 MURRAY METEORITE
 ORGUEIL METEORITE
 TONK METEORITE
 HARLETON METEORITE
 HVITTIS CHONDRITE
 OKHANSK METEORITE
 PANTAR CHONDRITES
 PRIBRAM METEORITE
 RT ACHONDRITES
 CHONDRULE
 TEKITES

CHONDRULE

RT CHONDRITES
 ENSTATITE
 METEORITES
 METEORITIC MICROSTRUCTURES
 MINERALOGY

CHOPPERS (ELECTRIC)

USE ELECTRIC CHOPPERS

CHORDS (GEOMETRY)

UF AERODYNAMIC CHORDS

CHORDS (GEOMETRY)--(cont.)

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . LINES (GEOMETRY)
 . . . **CHORDS (GEOMETRY)**
 RT CURVES (GEOMETRY)
 GEODESIC LINES
 TANGENTS

CHOROID MEMBRANES

GS ANATOMY
 . SENSE ORGANS
 . . EYE (ANATOMY)
 . . . **CHOROID MEMBRANES**
 MEMBRANES
 . **CHOROID MEMBRANES**
 RT VISION

CHORUS (DAWN PHENOMENON)

USE DAWN CHORUS

CHORUS PHENOMENON

USE DAWN CHORUS

CHROMATES

UF DICHROMATES
 GS CHROMIUM COMPOUNDS
 . **CHROMATES**
 . . POTASSIUM CHROMATES
 RT ∞ OXYGEN COMPOUNDS

CHROMATOGRAPHY

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **CHROMATOGRAPHY**
 . . . GAS CHROMATOGRAPHY
 . . . LIQUID CHROMATOGRAPHY
 . . . PAPER CHROMATOGRAPHY
 . . . THIN LAYER CHROMATOGRAPHY
 RT ADSORPTION
 COLORIMETRY
 QUANTITATIVE ANALYSIS
 SORPTION

CHROME

USE CHROMIUM

CHROMIC ACID

GS ACIDS
 . **CHROMIC ACID**
 CHROMIUM COMPOUNDS
 . **CHROMIC ACID**

CHROMITES

GS MINERALS
 . **CHROMITES**
 RT CHROMIUM
 CHROMIUM OXIDES
 PERIDOTITE
 SERPENTINE

CHROMIUM

UF CHROME
 GS CHEMICAL ELEMENTS
 . **CHROMIUM**
 . . CHROMIUM ISOTOPES
 METALS
 . REFRACTORY METALS
 . . **CHROMIUM**
 . . . CHROMIUM ISOTOPES
 . . . TRANSITION METALS
 . . . **CHROMIUM**
 . . . CHROMIUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . . **CHROMIUM**
 . . . CHROMIUM ISOTOPES
 RT CHROMITES
 STRATEGIC MATERIALS

CHROMIUM ALLOYS

GS ALLOYS
 . **CHROMIUM ALLOYS**
 . . ASTROLOY (TRADEMARK)
 . . CHROMIUM STEELS
 . . RENE 41
 . . RENE 63
 . . RENE 77
 . . RENE 95
 RT HEAT RESISTANT ALLOYS
 INCONEL (TRADEMARK)
 STAINLESS STEELS
 STELLITE (TRADEMARK)
 WASPALOY

CHROMIUM BORIDES

GS BORON COMPOUNDS
 . BORIDES
 . . **CHROMIUM BORIDES**
 CHROMIUM COMPOUNDS
 . **CHROMIUM BORIDES**

CHROMIUM BROMIDES

GS CHROMIUM COMPOUNDS
 . **CHROMIUM BROMIDES**
 HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . . BROMIDES
 . . . **CHROMIUM BROMIDES**
 . . . HALIDES
 . . . BROMIDES
 . . . **CHROMIUM BROMIDES**
 . . . METAL HALIDES
 . . . **CHROMIUM BROMIDES**

CHROMIUM CARBIDES

GS CARBON COMPOUNDS
 . CARBIDES
 . . **CHROMIUM CARBIDES**
 CHROMIUM COMPOUNDS
 . **CHROMIUM CARBIDES**

CHROMIUM COMPOUNDS

GS **CHROMIUM COMPOUNDS**
 . CHROMATES
 . . POTASSIUM CHROMATES
 . CHROMIC ACID
 . CHROMIUM BORIDES
 . CHROMIUM BROMIDES
 . CHROMIUM CARBIDES
 . CHROMIUM FLUORIDES
 . CHROMIUM OXIDES
 . SODIUM CHROMITES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 6B COMPOUNDS
 ∞ METAL COMPOUNDS

CHROMIUM FLUORIDES

GS CHROMIUM COMPOUNDS
 . **CHROMIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 . . . **CHROMIUM FLUORIDES**

CHROMIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . CHROMIUM
 . . **CHROMIUM ISOTOPES**
 . . . NUCLIDES
 . . . ISOTOPES
 . . . **CHROMIUM ISOTOPES**
 METALS
 . REFRACTORY METALS
 . . CHROMIUM
 . . . **CHROMIUM ISOTOPES**
 . . . TRANSITION METALS
 . . . CHROMIUM
 . . . **CHROMIUM ISOTOPES**
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . . CHROMIUM
 . . . **CHROMIUM ISOTOPES**

CHROMIUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **CHROMIUM OXIDES**
 CHROMIUM COMPOUNDS
 . **CHROMIUM OXIDES**
 RT CHROMITES

CHROMIUM STEELS

GS ALLOYS
 . CHROMIUM ALLOYS
 . . **CHROMIUM STEELS**
 . . . IRON ALLOYS
 . . . STEELS
 . . . **CHROMIUM STEELS**
 RT FERRITIC STAINLESS STEELS

CHROMOSOMES

RT CELLS (BIOLOGY)
 CONGENITAL ANOMALIES
 CYTOLOGY
 GENE EXPRESSION
 GENES
 GENETIC CODE

CHROMOSOMES--(cont.)

GENETICS
MITOSIS
MUTATIONS
∞NUCLEI
REPRODUCTIVE SYSTEMS
TETRAD THEORY

CHROMOSPHERE

GS ENVIRONMENTS
. EXTRATERRESTRIAL ENVIRONMENTS
. . . STELLAR ATMOSPHERES
. . . . **CHROMOSPHERE**
RT CORONAL LOOPS
FACULAE
PHOTOSPHERE
SOLAR ATMOSPHERE
SOLAR CORONA
SOLAR PROMINENCES
SOLAR TRANSITION REGION
SPICULES
STELLAR STRUCTURE
STELLAR WINDS

CHRONAXY

GS TIME
. REACTION TIME
. . . **CHRONAXY**
RT RESPONSES
SENSORY STIMULATION
THRESHOLDS (PERCEPTION)

CHRONIC CONDITIONS

GS CONDITIONS
. **CHRONIC CONDITIONS**
RT BLOOD VOLUME
DISEASES
DISORDERS
HEALTH

CHRONOBIOLOGY

USE RHYTHM (BIOLOGY)

CHRONOGRAPHS

USE CHRONOMETERS

CHRONOLOGY

UF AGE DETERMINATION
DATING
GS **CHRONOLOGY**
. GEOCHRONOLOGY
RT TIME

CHRONOMETERS

UF CHRONOGRAPHS
GS MEASURING INSTRUMENTS
. TIME MEASURING INSTRUMENTS
. . . CLOCKS
. . . . **CHRONOMETERS**
RT ATOMIC CLOCKS
CLOCK PARADOX
TIME MEASUREMENT
TIMING DEVICES

CHRONOPHOTOGRAPHY

UF TIME LAPSE PHOTOGRAPHY
GS IMAGERY
. **CHRONOPHOTOGRAPHY**
PHOTOGRAPHY
RT **CHRONOPHOTOGRAPHY**
BLACK AND WHITE PHOTOGRAPHY
MOTION PICTURES

CHRONOTRONS

USE PULSE RATE
TIME LAG

CHUGGING

USE COMBUSTION STABILITY

CHUKCHI SEA

GS SEAS
. **CHUKCHI SEA**
RT ARCTIC REGIONS

CHUTES

UF SLIDES
RT CONVEYORS
MATERIALS HANDLING

CID

USE CHARGE INJECTION DEVICES

CINDER CONES

USE CONES (VOLCANOES)

CINEFLUOROGRAPHY

USE MOTION PICTURES
RADIOGRAPHY

CINEMATOGRAPHY

GS IMAGERY
. **CINEMATOGRAPHY**
PHOTOGRAPHY
. **CINEMATOGRAPHY**
RT ANIMATION
BLACK AND WHITE PHOTOGRAPHY
CAMERAS
COLOR PHOTOGRAPHY
INFRARED PHOTOGRAPHY
MOTION PICTURES
STEREOPHOTOGRAPHY
STREAK CAMERAS
VIDEO TAPES

CINERADIOGRAPHY

USE MOTION PICTURES
RADIOGRAPHY

CINESPECTROGRAPHS

RT OPTICAL MEASURING INSTRUMENTS
SPECTROSCOPY

CINETHEODOLITES

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . . TRANSITS
. . . . THEODOLITES
. **CINETHEODOLITES**
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . . TRANSITS
. . . . THEODOLITES
. **CINETHEODOLITES**
RT PHOTOGRAPHIC TRACKING
SATELLITE TRACKING

CIRCADIAN RHYTHMS

UF DIURNAL RHYTHMS
GS RHYTHM (BIOLOGY)
. **CIRCADIAN RHYTHMS**
RT ACTIVITY CYCLES (BIOLOGY)

CIRCLES (GEOMETRY)

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . **CIRCLES (GEOMETRY)**
. . . . GREAT CIRCLES
RT CIRCUMFERENCES
CURVES (GEOMETRY)
ELLIPSES
RADI
∞RINGS
∞SECTORS
SEGMENTS
SPHERES

CIRCUIT BOARDS

RT ELECTRONIC PACKAGING
PRINTED CIRCUITS

CIRCUIT BREAKERS

UF BREAKERS (ELECTRIC)
RT DISCONNECT DEVICES
DROPOUTS
ELECTRIC RELAYS
∞FUSES
SWITCHES
SWITCHING CIRCUITS

CIRCUIT DIAGRAMS

UF SCHEMATICS
GS DIAGRAMS
. **CIRCUIT DIAGRAMS**
RT ENGINEERING DRAWINGS
LAYOUTS
PHOTOMASKS

CIRCUIT PROTECTION

GS PROTECTION
. **CIRCUIT PROTECTION**
RT CAPACITORS
CIRCUITS
CURRENT REGULATORS
ELECTRIC FUSES
ELECTRIC POWER TRANSMISSION
ELECTRIC REACTORS

CIRCUIT PROTECTION--(cont.)

ELECTRICAL FAULTS
ELECTRICAL GROUNDING
ELECTRICAL INSULATION
EXPULSION
∞FUSES
OVERVOLTAGE
PHASE CONTROL
PHASE ERROR
SNEAK CIRCUIT ANALYSIS
SUPPRESSORS
SURGES
TRANSFORMERS
TRANSMISSION CIRCUITS
TRANSMISSION LINES
VOLTAGE REGULATORS

CIRCUIT RELIABILITY

GS RELIABILITY
. **CIRCUIT RELIABILITY**
RT AIRCRAFT RELIABILITY
COMPONENT RELIABILITY
DRIFT (INSTRUMENTATION)
QUALITY CONTROL
SNEAK CIRCUIT ANALYSIS
SPACECRAFT RELIABILITY

CIRCUITS

UF ELECTRIC CIRCUITS
EXPLODING CONDUCTOR CIRCUITS
SHUNTS
SUBCIRCUITS
GS **CIRCUITS**
. ADDING CIRCUITS
. ANALOG CIRCUITS
. AUTODYNES
. BISTABLE CIRCUITS
. . . FLIP-FLOPS
. CANCELLATION CIRCUITS
. CLAMPING CIRCUITS
. COINCIDENCE CIRCUITS
. COMPARATOR CIRCUITS
. CONJUGATED CIRCUITS
. COUNTING CIRCUITS
. . . SCALERS
. COUPLING CIRCUITS
. DELAY CIRCUITS
. . . PHANTASTRONS
. DIGITAL ELECTRONICS
. . . LOGIC CIRCUITS
. . . THRESHOLD GATES
. DIGITAL INTEGRATORS
. DIPLEXERS
. DISCRIMINATORS
. . . FRAUNHOFER LINE DISCRIMINATORS
. . . FREQUENCY DISCRIMINATORS
. ECHO SUPPRESSORS
. ELECTRIC BRIDGES
. . . WIRE BRIDGE CIRCUITS
. . . WHEATSTONE BRIDGES
. EQUIVALENT CIRCUITS
. FEEDBACK CIRCUITS
. FIRE CONTROL CIRCUITS
. FLUIDIC CIRCUITS
. GATES (CIRCUITS)
. . . THRESHOLD GATES
. HYBRID CIRCUITS
. INTEGRATED CIRCUITS
. . . APPLICATION SPECIFIC INTEGRATED CIRCUITS
. . . DTL INTEGRATED CIRCUITS
. . . ENCAPSULATED MICROCIRCUITS
. . . LARGE SCALE INTEGRATION
. . . LINEAR INTEGRATED CIRCUITS
. . . MEDIUM SCALE INTEGRATION
. . . TTL INTEGRATED CIRCUITS
. . . VERY LARGE SCALE INTEGRATION
. . . VHSIC (CIRCUITS)
. ITERATIVE NETWORKS
. LC CIRCUITS
. LIMITER CIRCUITS
. . . CLIPPER CIRCUITS
. . . LINEAR CIRCUITS
. . . MAGNETIC CIRCUITS
. . . MATRICES (CIRCUITS)
. . . MICROWAVE CIRCUITS
. . . MIXING CIRCUITS
. . . MULTIVIBRATORS
. . . FLIP-FLOPS
. . . MONOSTABLE MULTIVIBRATORS
. . . NEGATIVE RESISTANCE CIRCUITS
. OHMS LAW
. PHASE DETECTORS
. . . SYNCHROSCOPES
. PHASE SHIFT CIRCUITS

CIRCUITS--(cont.)

- . CIRCULATORS (PHASE SHIFT CIRCUITS)
- . PNEUMATIC CIRCUITS
- . POWER SUPPLY CIRCUITS
- . PRINTED CIRCUITS
- . RC CIRCUITS
- . RL CIRCUITS
- . RLC CIRCUITS
- . SQUELCH CIRCUITS
- . SWEEP CIRCUITS
- . SWITCHING CIRCUITS
- . FLUID SWITCHING ELEMENTS
- . TRANSISTOR CIRCUITS
- . TRANSMISSION CIRCUITS
- . TRIGGER CIRCUITS
- . VARACTOR DIODE CIRCUITS
- RT AMPLIFIERS
- BREADBOARD MODELS
- CAPACITORS
- ∞ CASCADES
- CIRCUIT PROTECTION
- DIFFERENTIATORS
- DUALITY PRINCIPLE
- DUPLEXERS
- ELECTRIC CONNECTORS
- ELECTRIC CURRENT
- ∞ ELECTRIC EQUIPMENT
- ELECTRIC FILTERS
- ELECTRIC MOTORS
- ELECTRIC POWER TRANSMISSION
- ELECTRIC WIRE
- ELECTRICAL GROUNDING
- ELECTROMECHANICS
- ELECTRON TUBES
- FLAT CONDUCTORS
- INDUCTORS
- INTEGRATORS
- KIRCHHOFF LAW OF NETWORKS
- LOOPS
- MICROELECTRONICS
- MICROMINIATURIZATION
- MICROSTRIP DEVICES
- MINIATURE ELECTRONIC EQUIPMENT
- MINIATURIZATION
- MODULES
- NETWORK ANALYSIS
- ∞ NETWORKS
- OSCILLATORS
- SELECTORS
- SHORT CIRCUITS
- SIGNAL GENERATORS
- SOLID STATE DEVICES
- SOLIONS
- ∞ STRIP
- TRANSMISSION LINES
- TREES (MATHEMATICS)
- UNDERGROUND TRANSMISSION LINES
- VOLTAGE CONTROLLED OSCILLATORS
- WIRING

CIRCULAR CONES

- GS CONES
- . CIRCULAR CONES
- RT HALF CONES
- NOSE CONES

CIRCULAR CYLINDERS

- RT ∞ CYLINDERS
- CYLINDRICAL BODIES
- CYLINDRICAL SHELLS
- ELLIPTICAL CYLINDERS

CIRCULAR ORBITS

- GS ORBITS
- . CIRCULAR ORBITS
- . STATIONARY ORBITS
- RT EARTH ORBITS
- ECCENTRIC ORBITS
- ELLIPTICAL ORBITS
- EQUATORIAL ORBITS
- GEOSYNCHRONOUS ORBITS
- LUNAR ORBITS
- ORBITAL MECHANICS
- PLANETARY ORBITS
- POLAR ORBITS
- QUADRATURES
- SATELLITE ORBITS
- SOLAR ORBITS
- SPACECRAFT ORBITS
- TWENTY-FOUR HOUR ORBITS

CIRCULAR PLATES

- GS STRUCTURAL MEMBERS
- . PLATES (STRUCTURAL MEMBERS)

CIRCULAR PLATES--(cont.)

- . CIRCULAR PLATES
- RT ANNULAR PLATES
- DISKS (SHAPES)
- END PLATES
- FLAT PLATES

CIRCULAR POLARIZATION

- GS POLARIZATION (WAVES)
- . CIRCULAR POLARIZATION
- RT ELLIPTICAL POLARIZATION
- OPTICAL POLARIZATION

CIRCULAR SHELLS

- GS SHELLS (STRUCTURAL FORMS)
- . CIRCULAR SHELLS
- RT CYLINDRICAL SHELLS
- HEMISPHERICAL SHELLS
- METAL SHELLS
- SPHERICAL SHELLS

CIRCULAR TUBES

- RT CYLINDRICAL SHELLS
- DUCT GEOMETRY
- PIPES (TUBES)
- ∞ TUBES

CIRCULAR WAVEGUIDES

- GS WAVEGUIDES
- . CIRCULAR WAVEGUIDES
- RT MICROWAVE TRANSMISSION
- PROPAGATION MODES

CIRCULATION

- UF RECIRCULATION
- GS CIRCULATION
- . ATMOSPHERIC CIRCULATION
- . ZONAL FLOW (METEOROLOGY)
- . BLOOD CIRCULATION
- . BRAIN CIRCULATION
- . CORONARY CIRCULATION
- . INTERCRANIAL CIRCULATION
- . OCULAR CIRCULATION
- . PERIPHERAL CIRCULATION
- . PULMONARY CIRCULATION
- . WATER CIRCULATION
- . WATER CURRENTS
- . OCEAN CURRENTS
- . COASTAL CURRENTS
- . EL NINO
- . GULF STREAM
- . LOMONOSOV CURRENT
- RT BLOWING
- CIRCULATION DISTRIBUTION
- CONGESTION
- ∞ CURRENTS
- DELIVERY
- DIFFUSION
- DISPERSING
- ∞ FLOW
- FLUID FLOW
- PURGING
- ROTATION

CIRCULATION CONTROL AIRFOILS

- GS AIRFOILS
- . CIRCULATION CONTROL AIRFOILS
- . CIRCULATION CONTROL ROTORS
- RT BLOWING
- BOUNDARY LAYER CONTROL
- COANDA EFFECT
- ∞ CONTROL
- LIFT AUGMENTATION
- SHORT TAKEOFF AIRCRAFT
- UNDER SURFACE BLOWING
- UPPER SURFACE BLOWING

CIRCULATION CONTROL ROTORS

- GS AIRFOILS
- . CIRCULATION CONTROL AIRFOILS
- . CIRCULATION CONTROL ROTORS
- . WINGS
- . ROTARY WINGS
- . CIRCULATION CONTROL ROTORS
- ROTATING BODIES
- . ROTORS
- . ROTARY WINGS
- . CIRCULATION CONTROL ROTORS
- RT ∞ CONTROL
- VERTICAL TAKEOFF AIRCRAFT
- X WING ROTORS

CIRCULATION DISTRIBUTION

- RT ATMOSPHERIC CIRCULATION
- CIRCULATION

CIRCULATION DISTRIBUTION--(cont.)

- ∞ DISTRIBUTION
- VELOCITY DISTRIBUTION

CIRCUATORS (PHASE SHIFT CIRCUITS)

- GS CIRCUITS
- . PHASE SHIFT CIRCUITS
- . CIRCULATORS (PHASE SHIFT CIRCUITS)
- RT CAVITY RESONATORS
- DELAY CIRCUITS
- DUPLEXERS
- FARADAY EFFECT
- HALL GENERATORS
- LIMITER CIRCUITS

CIRCULATORY SYSTEM

- GS ANATOMY
- . CIRCULATORY SYSTEM
- . CARDIOVASCULAR SYSTEM
- . BLOOD VESSELS
- . ARTERIES
- . AORTA
- . CAPILLARIES (ANATOMY)
- . GLOMERULUS
- . VEINS
- . HEART
- . CARDIAC AURICLES
- . CARDIAC VENTRICLES
- . EPICARDIUM
- . MYOCARDIUM
- RT ARTERIOSCLEROSIS
- ARTIFICIAL CARDIAC PACEMAKER
- BLOOD CIRCULATION
- BLOOD PUMPS
- CAROTID SINUS BODY
- CAROTID SINUS REFLEX
- EXERCISE PHYSIOLOGY
- HYPERTOLEMIA
- ORGANS
- CIRCUMFERENCES
- GS GEOMETRY
- . EUCLIDEAN GEOMETRY
- . ANALYTIC GEOMETRY
- . CIRCUMFERENCES
- RT BOUNDARIES
- CIRCLES (GEOMETRY)
- DIAMETERS
- RADII
- CIRCUMLUNAR COMMUNICATION
- GS TELECOMMUNICATION
- . SPACE COMMUNICATION
- . LUNAR COMMUNICATION
- . CIRCUMLUNAR COMMUNICATION
- RT INTERPLANETARY COMMUNICATION
- RADAR
- RADIO COMMUNICATION
- SATELLITE COMMUNICATION
- SPACECRAFT COMMUNICATION
- UNIFIED S BAND

CIRCUMLUNAR TRAJECTORIES

- GS TRAJECTORIES
- . ROUND TRIP TRAJECTORIES
- . CIRCUMLUNAR TRAJECTORIES
- . SPACECRAFT TRAJECTORIES
- . LUNAR TRAJECTORIES
- . CIRCUMLUNAR TRAJECTORIES
- RT EARTH ORBITS
- EARTH-MOON TRAJECTORIES
- LUNAR FLIGHT
- LUNAR ORBITS
- MOON-EARTH TRAJECTORIES
- REENTRY TRAJECTORIES
- RENDEZVOUS TRAJECTORIES
- TRANSFER ORBITS

CIRCUMPOLAR WESTERLIES

- GS WIND (METEOROLOGY)
- . CIRCUMPOLAR WESTERLIES
- RT ATMOSPHERIC CIRCULATION
- JET STREAMS (METEOROLOGY)
- WINDS ALOFT
- ZONAL FLOW (METEOROLOGY)

CIRCUMSOLAR RADIATION

- GS EXTRATERRESTRIAL RADIATION
- . SOLAR RADIATION
- . CIRCUMSOLAR RADIATION
- RT ATMOSPHERIC SCATTERING
- LIGHT SCATTERING
- ∞ RADIATION
- SCATTERING

CIRCUMSOLAR RADIATION--(cont.)
SUNLIGHT**CIRCUMSOLAR TELESCOPES**

- GS TELESCOPES
- . **CIRCUMSOLAR TELESCOPES**
- RT LENSES
- MEASURING INSTRUMENTS
- MIRRORS
- OPTICAL EQUIPMENT
- RADIATION PYROMETERS
- SOLAR ENERGY
- SOLAR RADIATION

CIRCUMSTELLAR MATTER

- USE STELLAR ENVELOPES

CIRQUES (LANDFORMS)

- GS LANDFORMS
- . STRUCTURAL BASINS
- . **CIRQUES (LANDFORMS)**
- RT GLACIERS
- ICE
- MOUNTAINS
- SNOW

CIRROCUMULUS CLOUDS

- GS CLOUDS (METEOROLOGY)
- . **CIRROCUMULUS CLOUDS**
- RT ATMOSPHERIC MOISTURE
- CIRROSTRATUS CLOUDS
- CLIMATOLOGY
- CLOUD COVER
- FOG
- METEOROLOGY
- NEPHANALYSIS
- PRECIPITATION (METEOROLOGY)
- THUNDERSTORMS
- WEATHER

CIRROSTRATUS CLOUDS

- GS CLOUDS (METEOROLOGY)
- . **CIRROSTRATUS CLOUDS**
- RT ATMOSPHERIC MOISTURE
- CIRROCUMULUS CLOUDS
- CLIMATOLOGY
- CLOUD COVER
- FOG
- METEOROLOGY
- NEPHANALYSIS
- PRECIPITATION (METEOROLOGY)
- THUNDERSTORMS
- WEATHER

CIRRUS CLOUDS

- GS CLOUDS (METEOROLOGY)
- . **CIRRUS CLOUDS**

CIRRUS SHIELDS

- GS CLOUDS (METEOROLOGY)
- . **CIRRUS SHIELDS**
- RT CLIMATOLOGY
- METEOROLOGY
- WEATHER FORECASTING

CIS

- USE COMMONWEALTH OF INDEPENDENT STATES

CISLUNAR SPACE

- GS ENVIRONMENTS
- . AEROSPACE ENVIRONMENTS
- . **CISLUNAR SPACE**
- . EXTRATERRESTRIAL ENVIRONMENTS
- . **CISLUNAR SPACE**
- RT DEEP SPACE
- EARTH-MOON TRAJECTORIES
- INTERPLANETARY SPACE
- LUNAR FLIGHT
- LUNAR ORBITS
- ∞ SPACE

CITIES

- UF METROPOLITAN AREAS
- URBAN AREAS
- GS **CITIES**
- . ATLANTA (GA)
- . CEDAR RAPIDS (IA)
- . HOUSTON (TX)
- . MANITOU (CO)
- . MOSCOW
- . NEW HAVEN (CT)
- . NEW YORK CITY (NY)
- . PHOENIX (AZ)

CITIES--(cont.)

- . PONTIAC (MI)
- . SAN FRANCISCO (CA)
- . VATICAN CITY
- RT ANTHROPOLOGY
- COMMUNITIES
- HEAT ISLANDS
- INDUSTRIAL AREAS
- INHABITANTS
- MEGALOPOLISES
- NATIONS
- RESIDENTIAL AREAS
- SOCIOLOGY
- SUBURBAN AREAS
- URBAN DEVELOPMENT
- URBAN PLANNING
- URBAN RESEARCH

CITRATES

- RT CITRIC ACID
- ESTERS

CITRIC ACID

- GS ACIDS
- . CARBOXYLIC ACIDS
- . **CITRIC ACID**
- ORGANIC COMPOUNDS
- . CARBOHYDRATES
- . **CITRIC ACID**
- . CARBOXYLIC ACIDS
- . **CITRIC ACID**
- RT CITRATES

CITRUS TREES

- GS PLANTS (BOTANY)
- . TREES (PLANTS)
- . **CITRUS TREES**
- RT AGRICULTURE
- BLIGHT
- BOTANY
- CROP GROWTH
- CROP VIGOR
- ∞ CROPS
- CURING
- ∞ FOOD
- IRRIGATION
- ORCHARDS
- SEEDS

CIVIL AVIATION

- UF COMMERCIAL AVIATION
- RT ∞ AERONAUTICS
- AIR LAW
- AIRLINE OPERATIONS
- AVIATION METEOROLOGY
- COMMERCIAL AIRCRAFT
- GENERAL AVIATION AIRCRAFT
- PASSENGER AIRCRAFT

CIVIL DEFENSE

- RT AIR DEFENSE
- ANTIMISSILE DEFENSE
- CHEMICAL DEFENSE
- ∞ DEFENSE
- DEFENSE PROGRAM
- EVACUATING (TRANSPORTATION)
- NUCLEAR EXPLOSIONS
- NUCLEAR WARFARE
- PROTECTION
- SENTINEL SYSTEM
- SHELTERS
- SURVIVAL
- WARNING
- WARNING SYSTEMS

CL-41 AIRCRAFT

- UF CANADAIR CL-41 AIRCRAFT
- CT-114 AIRCRAFT
- TUTOR AIRCRAFT
- GS ATTACK AIRCRAFT
- . **CL-41 AIRCRAFT**
- CANADAIR AIRCRAFT
- . **CL-41 AIRCRAFT**
- GENERAL DYNAMICS AIRCRAFT
- . **CL-41 AIRCRAFT**
- JET AIRCRAFT
- . **CL-41 AIRCRAFT**
- MONOPLANES
- . **CL-41 AIRCRAFT**
- TRAINING AIRCRAFT
- . **CL-41 AIRCRAFT**
- RT ∞ AIRCRAFT

CL-44 AIRCRAFT

- UF CANADAIR CL-44 AIRCRAFT
- CC-106 AIRCRAFT
- YUKON AIRCRAFT
- GS CANADAIR AIRCRAFT
- . **CL-44 AIRCRAFT**
- GENERAL DYNAMICS AIRCRAFT
- . **CL-44 AIRCRAFT**
- JET AIRCRAFT
- . TURBOPROP AIRCRAFT
- . **CL-44 AIRCRAFT**
- MONOPLANES
- . **CL-44 AIRCRAFT**
- TRANSPORT AIRCRAFT
- . CARGO AIRCRAFT
- . **CL-44 AIRCRAFT**
- RT ∞ AIRCRAFT

CL-84 AIRCRAFT

- UF CANADAIR CL-84 AIRCRAFT
- GS ANTISUBMARINE WARFARE AIRCRAFT
- . **CL-84 AIRCRAFT**
- CANADAIR AIRCRAFT
- . **CL-84 AIRCRAFT**
- GENERAL DYNAMICS AIRCRAFT
- . **CL-84 AIRCRAFT**
- JET AIRCRAFT
- . TURBOPROP AIRCRAFT
- . **CL-84 AIRCRAFT**
- OBSERVATION AIRCRAFT
- . **CL-84 AIRCRAFT**
- RECONNAISSANCE AIRCRAFT
- . **CL-84 AIRCRAFT**
- TILT WING AIRCRAFT
- . **CL-84 AIRCRAFT**
- TRANSPORT AIRCRAFT
- . **CL-84 AIRCRAFT**
- V/STOL AIRCRAFT
- . **CL-84 AIRCRAFT**
- RT ∞ AIRCRAFT

CL-595 HELICOPTER

- USE XH-51 HELICOPTER

CL-600 CHALLENGER AIRCRAFT

- GS CANADAIR AIRCRAFT
- . **CL-600 CHALLENGER AIRCRAFT**
- GENERAL AVIATION AIRCRAFT
- . **CL-600 CHALLENGER AIRCRAFT**
- JET AIRCRAFT
- . TURBOFAN AIRCRAFT
- . **CL-600 CHALLENGER AIRCRAFT**
- RT ∞ AIRCRAFT
- ∞ MILITARY AIRCRAFT
- SUPERCritical WINGS

CL-823 AIRCRAFT

- UF LOCKHEED CL-823 AIRCRAFT
- GS JET AIRCRAFT
- . **CL-823 AIRCRAFT**
- LOCKHEED AIRCRAFT
- . **CL-823 AIRCRAFT**
- SUPERSONIC AIRCRAFT
- . SUPERSONIC TRANSPORTS
- . **CL-823 AIRCRAFT**
- TRANSPORT AIRCRAFT
- . **CL-823 AIRCRAFT**
- RT ∞ AIRCRAFT

CLADDING

- GS METAL WORKING
- . **CLADDING**
- RT ANODIC STRIPPING
- CATHODIC COATINGS
- COLD WORKING
- COMPOSITE MATERIALS
- EXPLOSIVE WELDING
- EXTRUDING
- LAMINATES
- METAL COATINGS
- METALLIZING
- PLATING
- PROTECTIVE COATINGS

CLAIMING

- RT ∞ LAW
- PATENTS
- PREEMPTING

CLAMPING CIRCUITS

- GS CIRCUITS
- . **CLAMPING CIRCUITS**
- RT LIMITER CIRCUITS
- POWER LIMITERS

CLAMPS

RT ∞ BANDS
CLIPS
FASTENERS
HOLDERS
JIGS
MECHANICAL DEVICES
SEALING
STRAPS

CLARITY

RT ATMOSPHERIC OPTICS
ELECTROMAGNETIC PROPERTIES
HAZE
OPACITY
OPTICAL PROPERTIES
PURITY
∞ SHARPNESS
SOLUBILITY
TRANSPARENCY
TURBIDITY

CLARK Y AIRFOIL

USE AIRFOIL PROFILES

CLASSES

RT CATEGORIES
∞ GROUPS
∞ SECTIONS

CLASSIC AIRCRAFT

USE IL-62 AIRCRAFT

CLASSICAL MECHANICS

GS **CLASSICAL MECHANICS**
. SPACE MECHANICS
. . . ASTRODYNAMICS
. . . CELESTIAL MECHANICS
. . . ORBITAL MECHANICS
. . . KEPLER LAWS
. . . MINIMUM VARIANCE ORBIT
DETERMINATION
RT ANGULAR MOMENTUM
CONTINUUM MECHANICS
EQUATIONS OF MOTION
EULER-LAGRANGE EQUATION
HAMILTONIAN FUNCTIONS
LAGRANGE COORDINATES
MAXWELL BODIES
∞ MECHANICS (PHYSICS)
MOMENTUM
PHASE-SPACE INTEGRAL
POISSON EQUATION
QUATERNIONS
STATISTICAL MECHANICS

CLASSIFICATIONS

GS **CLASSIFICATIONS**
. HIERARCHIES
. . BBGKY HIERARCHY
. . DICHOTOMIES
. . INDEXES (DOCUMENTATION)
. . KWIC INDEXES
. . WISWESSER NOTATIONS
. SUBJECTS
RT ASTRONOMICAL CATALOGS
∞ BREAKDOWN
∞ CLASSIFYING
CLUSTER ANALYSIS
CONGENERS
IMAGE CLASSIFICATION
TAXONOMY

CLASSIFIERS

GS SEPARATORS
CLASSIFIERS
. . SIZING SCREENS
. . THICKENERS (EQUIPMENT)
RT CENTRIFUGES
CONCENTRATING
CONCENTRATORS
FLOTATION
∞ SEPARATION
SHAKERS
SIZE DETERMINATION
SIZE SEPARATION
SPIRALS (CONCENTRATORS)

∞ CLASSIFYING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF SORTING
RT CLASSIFICATIONS
CONCENTRATORS

CLASSIFYING--(cont.)

DISCRIMINANT ANALYSIS (STATISTICS)
EVALUATION
IMAGE CLASSIFICATION
SECURITY
SELECTION
SIZE SEPARATION
TAXONOMY

CLATHRATES

RT ∞ CHEMICAL COMPOUNDS
CRYSTAL STRUCTURE
CRYSTALS
INCLUSIONS

CLAYS

GS **CLAYS**
. ILLITE
. KAOLINITE
. MONTMORILLONITE
. VERMICULITE
RT ALLUVIUM
BOREHOLES
BRICKS
CERAMICS
COLLOIDS
FANS (LANDFORMS)
GROUT
MASONRY
MINING
MOLDING MATERIALS
MUD
REFRACTORY MATERIALS
ROCKS
SEDIMENTARY ROCKS
SEDIMENTS
SHALES
SIZING MATERIALS
SOILS
STRIP MINING

CLEAN ENERGY

RT AIR POLLUTION
ENVIRONMENT POLLUTION
ENVIRONMENTAL ENGINEERING
GEOTHERMAL ENERGY CONVERSION
SOLAR ENERGY
TIDEPower
WATER POLLUTION
WATERWAVE ENERGY
WINDPOWER UTILIZATION

CLEAN FUELS

GS FUELS
. **CLEAN FUELS**
. . FUEL OILS
RT BENEFICIATION
CHEMICAL FUELS
HYDROCARBON FUELS
POLLUTION
REFINING
SYNTHETIC FUELS

CLEAN ROOMS

GS ROOMS
. **CLEAN ROOMS**
RT ASSEMBLING
CLEANLINESS
CONTROLLED ATMOSPHERES
ENVIRONMENTAL CONTROL

CLEANERS

GS **CLEANERS**
. AIR FILTERS
RT ∞ ABSORBERS
ABSORBERS (EQUIPMENT)
ABSORBERS (MATERIALS)
CLEANING
CLEANLINESS
SEPARATORS
ULTRASONIC CLEANING
WASHERS (CLEANERS)

CLEANING

GS **CLEANING**
. CHEMICAL CLEANING
. . PICKLING (METALLURGY)
. . HOUSEKEEPING (SPACECRAFT)
. STERILIZATION
. . CHEMICAL STERILIZATION
. . SPACECRAFT STERILIZATION
. ULTRASONIC CLEANING
. WASHING
. . BATHING
RT ABRASION

CLEANING--(cont.)

ANTIFOULING
ANTISEPTICS
BLEACHING
CLEANERS
CLEANLINESS
CLEARING
CORROSION PREVENTION
DECONTAMINATION
DESCALING
DISSOLVING
DUST
FLUSHING
METAL FINISHING
METAL POLISHING
POLISHING
PURIFICATION
∞ REDUCTION
REFINING
SCARFING
SCAVENGING
SCRUBBERS
∞ SEPARATION
SURFACE FINISHING
WASTE WATER

CLEANLINESS

GS **CLEANLINESS**
. HOUSEKEEPING (SPACECRAFT)
RT CLEAN ROOMS
CLEANERS
CLEANING
HYGIENE
ORAL HYGIENE

CLEAR AIR TURBULENCE

GS TURBULENCE
. ATMOSPHERIC TURBULENCE
. . **CLEAR AIR TURBULENCE**
RT AVIATION METEOROLOGY
GUSTS
JET STREAMS (METEOROLOGY)
THERMAL INSTABILITY
TURBULENT DIFFUSION
WIND SHEAR

CLEARANCES

RT ADJUSTING
ALIGNMENT
ALLOWANCES
DATUM (ELEVATION)
SPACING
TIGHTNESS
TOLERANCES (MECHANICS)

CLEARING

RT CLEANING
PURGING
REMOVAL

CLEARINGS (OPENINGS)

UF SLASHES
RT DEFORESTATION
FIREBREAKS
FORESTS
TREES (PLANTS)

CLEAVAGE

UF SCISSION
RT BRITTLE MATERIALS
BRITTLENESS

CLEBSCH-GORDAN COEFFICIENTS

GS COEFFICIENTS
. **CLEBSCH-GORDAN COEFFICIENTS**
RT ANGULAR MOMENTUM
COUPLING

CLIFFS

UF BLUFFS (LANDFORMS)
RT CANYONS
ESCARPMENTS
FIORDS
LANDSLIDES
LEDGES
∞ SHELVES
SLOPES
TOPOGRAPHY

CLIMATE

UF MACROCLIMATE
RT CLIMATE CHANGE
CLIMATOLOGY
LONG TERM EFFECTS

CLIMATE--(cont.)

METEOROLOGY
PALEOCLIMATOLOGY
SOUTHERN OSCILLATION
WEATHER

CLIMATE CHANGE

RT AIR POLLUTION
ATMOSPHERIC COMPOSITION
ATMOSPHERIC TEMPERATURE
CARBON DIOXIDE CONCENTRATION
CLIMATE
CLIMATOLOGY
GLOBAL WARMING
GREENHOUSE EFFECT
MAN ENVIRONMENT INTERACTIONS
PALEOCLIMATOLOGY
STRATOSPHERIC WARMING

CLIMATOLOGY

UF MILANKOVITCH THEORY
GS **CLIMATOLOGY**
. AGROCLIMATOLOGY
. MICROCLIMATOLOGY
. PALEOCLIMATOLOGY
RT ANTARCTIC REGIONS
ANVIL CLOUDS
ARCTIC REGIONS
ATMOSPHERIC CIRCULATION
ATMOSPHERIC GENERAL CIRCULATION
MODELS
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CIRRUS SHIELDS
CLIMATE
CLIMATE CHANGE
CLOUD COVER
CLOUD DISPERSAL
CLOUDS (METEOROLOGY)
DENDROCHRONOLOGY
DESERTLINE
DESERTS
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL ENGINEERING
FIRE (CLIMATOLOGY)
FOG DISPERSAL
GEOGRAPHY
HAILSTORMS
HEAT ISLANDS
HUMIDITY
HURRICANES
HYDROCLIMATOLOGY
HYDROLOGY
ISCCP PROJECT
LIGHTNING SUPPRESSION
METEOROLOGY
MIDDLE ATMOSPHERE
PERIODIC VARIATIONS
PHENOLOGY
POLAR METEOROLOGY
POLAR REGIONS
PRECIPITATION (METEOROLOGY)
PRIMITIVE EQUATIONS
RAINMAKING
SEA BREEZE
SEASONS
SNOWSTORMS
SOLAR RADIATION
STORM ENHANCEMENT
STORM SUPPRESSION
STORMS
STORMS (METEOROLOGY)
SUNLIGHT
TELECONNECTIONS (METEOROLOGY)
TEMPERATE REGIONS
TEMPERATURE
TROPICAL REGIONS
WEATHER
WIND (METEOROLOGY)
ZONAL FLOW (METEOROLOGY)

CLIMBING FLIGHT

GS ASCENT
. **CLIMBING FLIGHT**
RT ASCENT TRAJECTORIES
COASTING FLIGHT
∞ FLIGHT
FLIGHT PATHS
HORIZONTAL FLIGHT
PARABOLIC FLIGHT
ROCKET FLIGHT
SOARING
TAKEOFF
TURNING FLIGHT

CLIMBING FLIGHT--(cont.)

VERTICAL FLIGHT

CLINICAL MEDICINE

GS MEDICAL SCIENCE
. **CLINICAL MEDICINE**
RT ANESTHESIOLOGY
BED REST
BLOOD VOLUME
CASE HISTORIES
DIAGNOSIS
EXAMINATION
HEALING
HEALTH
HUMAN BEINGS
∞ MEDICINE
∞ OPERATIONS
SPORTS MEDICINE
SURGERY
TRANSPLANTATION
∞ TREATMENT

CLIPPER CIRCUITS

GS CIRCUITS
. LIMITER CIRCUITS
. **CLIPPER CIRCUITS**
RT COMPARATOR CIRCUITS
POWER LIMITERS

CLIPS

RT ANCHORS (FASTENERS)
∞ BANDS
CLAMPS
COUPLINGS
FASTENERS
HOLDERS
MECHANICAL DEVICES

CLOCK PARADOX

GS TIME MEASUREMENT
. **CLOCK PARADOX**
RT ATOMIC CLOCKS
CHRONOMETERS
TIME SIGNALS
TIMING DEVICES

CLOCKS

UF WATCHES
GS MEASURING INSTRUMENTS
TIME MEASURING INSTRUMENTS
. **CLOCKS**
. . . ATOMIC CLOCKS
. . . AUTONOMOUS SPACECRAFT
CLOCKS
. . . CHRONOMETERS
RT TIME MEASUREMENT
TIMING DEVICES

CLOGGING

USE PLUGGING

CLOSE PACKED LATTICES

GS CRYSTAL LATTICES
. **CLOSE PACKED LATTICES**
RT BODY CENTERED CUBIC LATTICES
FACE CENTERED CUBIC LATTICES

CLOSED BASINS

USE STRUCTURAL BASINS

CLOSED CIRCUIT TELEVISION

GS COMMUNICATION EQUIPMENT
. **CLOSED CIRCUIT TELEVISION**
TELECOMMUNICATION
. **CLOSED CIRCUIT TELEVISION**
TELEVISION SYSTEMS
. **CLOSED CIRCUIT TELEVISION**
RT CABLE TELEVISION
COLOR TELEVISION
EDUCATIONAL TELEVISION
STEREOTELEVISION
TELEVISION CAMERAS
TELEVISION RECEIVERS
TELEVISION TRANSMISSION
WIRELESS COMMUNICATION

CLOSED CYCLES

SN (EXCLUDES CLOSED LOOP CONTROL SYSTEMS)
RT CONTROL THEORY
COOLING SYSTEMS
ELECTRIC GENERATORS
GAS TURBINES
LOOPS

CLOSED CYCLES--(cont.)

NUCLEAR REACTORS
PLASMA GENERATORS
THERMAL CYCLING TESTS
THERMODYNAMIC CYCLES

CLOSED ECOLOGICAL SYSTEMS

UF BIOREGENERATIVE LIFE SUPPORT SYSTEMS
GS SUPPORT SYSTEMS
. LIFE SUPPORT SYSTEMS
. . . **CLOSED ECOLOGICAL SYSTEMS**
RT AEROSPACE MEDICINE
BIOASTRONAUTICS
ECOLOGY
ECOSYSTEMS
FOOD PRODUCTION (IN SPACE)
GNOTOBIOTICS
LONG TERM EFFECTS
OXYGEN PRODUCTION
SPACE HABITATS
SPACECRAFT CABIN ATMOSPHERES
SPACECRAFT ENVIRONMENTS
SURVIVAL
∞ SYSTEMS

CLOSED FAULTS

USE GEOLOGICAL FAULTS

CLOSED LOOP SYSTEMS

USE FEEDBACK CONTROL

CLOSING

RT BLOCKING
PLUGGING
SEALING
STOPPING

CLOSTRIDIUM

GS MICROORGANISMS
. BACTERIA
. . . **CLOSTRIDIUM**
. . . . CLOSTRIDIUM BOTULINUM
RT BACTERIAL DISEASES

CLOSTRIDIUM BOTULINUM

GS MICROORGANISMS
. BACTERIA
. . . CLOSTRIDIUM
. . . . **CLOSTRIDIUM BOTULINUM**
RT BACTERIOLOGY
PATHOGENS
TOXIC DISEASES

CLOSURE LAW

GS LAWS
. **CLOSURE LAW**
RT FIELD THEORY (PHYSICS)
K-EPSILON TURBULENCE MODEL
STATISTICAL MECHANICS
TURBULENT FLOW

CLOSURES

RT ∞ BARRIERS
BLOCKING
CHOKES (RESTRICTIONS)
CONSTRICTIONS
COUPLINGS
COVERINGS
ENCLOSURES
END PLATES
FASTENERS
FITTINGS
∞ GATES
JOINTS (JUNCTIONS)
PLUGGING
PLUGS
SEALS (STOPPERS)
TIGHTNESS
VALVES

CLOTH

USE FABRICS

CLOTHING

GS **CLOTHING**
. BOOTS (FOOTWEAR)
. COTTON FIBERS
. COVERALLS
. FLIGHT CLOTHING
. GARMENTS
. GLOVES
. GOGGLES
. PROTECTIVE CLOTHING

CLOTHING--(cont.)

.. HELMETS
 .. PRESSURE SUITS
 ... SPACE SUITS
 EXTRAVEHICULAR MOBILITY
 UNITS
 .. VAPOR BARRIER CLOTHING
 . SHOES
 . SOCKS
 . SUITS
 .. PRESSURE SUITS
 ... SPACE SUITS
 EXTRAVEHICULAR MOBILITY
 UNITS
 RT CHEMICAL DEFENSE
 CONSUMABLES (SPACECREW SUPPLIES)
 COTTON
 CUFFS
 FABRICS
 LEATHER
 TEXTILES
 VESTS

CLOTTING

RT BLOOD COAGULATION
 EMBOLISMS
 THROMBOCYTES
 THROMBOPLASTIN

CLOUD CHAMBERS

GS IONIZATION CHAMBERS
 . **CLOUD CHAMBERS**
 RT BUBBLE CHAMBERS
 ∞ CHAMBERS
 RADIATION COUNTERS
 SPARK CHAMBERS

CLOUD COVER

UF OVERCAST
 RT ANVIL CLOUDS
 ∞ BLANKETS
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLIMATOLOGY
 CLOUDS (METEOROLOGY)
 FIRE (CLIMATOLOGY)
 FLIGHT CONDITIONS
 ISCCP PROJECT
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 METEOSAT SATELLITE
 NEPHANALYSIS
 SHADOWS
 SKY
 SKY BRIGHTNESS
 SOLAR RADIATION
 SUNLIGHT
 VENUS CLOUDS
 VENUS SURFACE
 WEATHER FORECASTING

CLOUD DISPERSAL

GS WEATHER MODIFICATION
 . **CLOUD DISPERSAL**
 RT CLIMATOLOGY
 CLOUDS (METEOROLOGY)
 DISPERSING

CLOUD GLACIATION

GS ICE FORMATION
 . **CLOUD GLACIATION**
 RT FREEZING
 GRAUPEL
 HAIL
 ICE CLOUDS
 ICE NUCLEI
 SNOW
 SNOW COVER

CLOUD HEIGHT INDICATORS

UF CEILOMETERS
 GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . **CLOUD HEIGHT INDICATORS**
 . METEOROLOGICAL INSTRUMENTS
 . **CLOUD HEIGHT INDICATORS**
 RT CEILINGS (METEOROLOGY)

CLOUD PHOTOGRAPHS

GS PHOTOGRAPHS
 . **CLOUD PHOTOGRAPHS**
 RT AERIAL PHOTOGRAPHY
 ALL SKY PHOTOGRAPHY
 PHOTOGRAPHY

CLOUD PHOTOGRAPHS--(cont.)

SPACEBORNE PHOTOGRAPHY
 TIROS PROJECT

CLOUD PHOTOGRAPHY

GS IMAGERY
 . **CLOUD PHOTOGRAPHY**
 PHOTOGRAPHY
 . **CLOUD PHOTOGRAPHY**
 RT AERIAL PHOTOGRAPHY
 ALL SKY PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 ESSA SATELLITES
 METEOROLOGICAL SATELLITES
 METEOSAT SATELLITE
 NIMBUS PROJECT
 NIMBUS SATELLITES
 NIMBUS 1 SATELLITE
 NIMBUS 2 SATELLITE
 SPACEBORNE PHOTOGRAPHY
 TIROS OPERATIONAL SATELLITE
 SYSTEM
 TIROS PROJECT
 TIROS SATELLITES

CLOUD PHYSICS

GS ATMOSPHERIC PHYSICS
 . **CLOUD PHYSICS**
 RT AITKEN NUCLEI
 ATMOSPHERIC CLOUD PHYSICS LAB
 (SPACELAB)
 ATMOSPHERIC ELECTRICITY
 CONDENSATION NUCLEI
 CONDENSING
 CONVECTION CLOUDS
 DROP SIZE
 FOG DISPERSAL
 GRAUPEL
 NEPHANALYSIS
 OPHIUCHI CLOUDS
 ∞ PHYSICS
 PRECIPITATION (METEOROLOGY)
 ∞ SCIENCE
 VENUS CLOUDS
 WEATHER MODIFICATION

CLOUD SEEDING

GS NUCLEATION
 . **CLOUD SEEDING**
 WEATHER MODIFICATION
 . **CLOUD SEEDING**
 RT CLOUDS (METEOROLOGY)
 PRECIPITATION (METEOROLOGY)
 RAIN
 RAINMAKING
 STIMULATION

∞ CLOUDS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CLOUDS (METEOROLOGY)
 DUST
 ELECTRON CLOUDS
 EXHAUST CLOUDS
 H I REGIONS
 H II REGIONS
 HYDROGEN CLOUDS
 ICE CLOUDS
 INFRARED CIRRUS (ASTRONOMY)
 MAGELLANIC CLOUDS
 MAGNETIC CLOUDS
 METEOROID DUST CLOUDS
 MOLECULAR CLOUDS
 OORT CLOUD
 OPHIUCHI CLOUDS
 PARTICLES
 PLASMA CLOUDS
 VENUS CLOUDS

CLOUDS (METEOROLOGY)

UF CHAOTIC CLOUD PATTERNS
 GS **CLOUDS (METEOROLOGY)**
 . ARTIFICIAL CLOUDS
 . . . CHEMICAL CLOUDS
 . . . BARIUM ION CLOUDS
 . CAP CLOUDS
 . CIRROCUMULUS CLOUDS
 . CIRROSTRATUS CLOUDS
 . CIRRUS CLOUDS
 . CIRRUS SHIELDS
 . CONVECTION CLOUDS
 . . . ARC CLOUDS
 . . . CUMULONIMBUS CLOUDS
 . . . ANVIL CLOUDS

CLOUDS (METEOROLOGY)--(cont.)

.. CUMULUS CLOUDS
 ... ANVIL CLOUDS
 . ICE CLOUDS
 . NIMBOSTRATUS CLOUDS
 . NOCTILUCENT CLOUDS
 . STRATOCUMULUS CLOUDS
 . STRATUS CLOUDS
 RT ACID RAIN
 ALPINE METEOROLOGY
 ATMOSPHERIC CORRECTION
 ATMOSPHERIC MOISTURE
 CLIMATOLOGY
 CLOUD COVER
 CLOUD DISPERSAL
 CLOUD SEEDING
 ∞ CLOUDS
 CONDENSATION NUCLEI
 DROP SIZE
 FIRE (CLIMATOLOGY)
 FOG
 FOG DISPERSAL
 ISCCP PROJECT
 METEOROLOGY
 NEPHANALYSIS
 PRECIPITATION (METEOROLOGY)
 SHADOWS
 SKY
 THUNDERSTORMS
 WEATHER

CLUMPS

RT AGGLOMERATION
 ∞ CLUSTERS
 PATTERN RECOGNITION
 REGRESSION ANALYSIS

CLUSTER ANALYSIS

RT CLASSIFICATIONS
 IMAGE ANALYSIS
 IMAGE PROCESSING
 PATTERN RECOGNITION
 REMOTE SENSING
 STATISTICAL ANALYSIS

CLUSTER MISSION

GS SPACE MISSIONS
 . **CLUSTER MISSION**
 RT EARTH MAGNETOSPHERE
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL COOPERATION
 ∞ MISSIONS
 NASA SPACE PROGRAMS
 SCIENTIFIC SATELLITES
 SOHO MISSION
 SOLAR TERRESTRIAL INTERACTIONS
 SOLAR WIND
 SPACE PLASMAS

∞ CLUSTERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CLUMPS
 GALACTIC CLUSTERS
 GLOBULAR CLUSTERS
 PLEIADES CLUSTER
 PRAESEPE STAR CLUSTERS
 STAR CLUSTERS
 VIRGO GALACTIC CLUSTER

CLUTCHES

RT ENGINE PARTS
 MECHANICAL DEVICES
 MECHANICAL DRIVES

CLUTTER

GS ECHOES
 . RADAR ECHOES
 . **CLUTTER**
 RT AIRBORNE RADAR
 JAMMING
 RADIO FREQUENCY INTERFERENCE

CMOS

UF COMPLEMENTARY METAL OXIDE
 SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . METAL OXIDE SEMICONDUCTORS
 . . . **CMOS**
 SEMICONDUCTORS (MATERIALS)
 . METAL OXIDE SEMICONDUCTORS
 . **CMOS**

CMOS--(cont.)

RT ITO (SEMICONDUCTORS)
LATCH-UP

CN EMISSION

UF CYANIDE EMISSION
GS ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . . RADIO EMISSION
. . . **CN EMISSION**
EMISSION
. RADIO EMISSION
. . . **CN EMISSION**
RT HYDROCYANIC ACID
MILLIMETER WAVES
RADIO SOURCES (ASTRONOMY)

CNOIDAL WAVES

RT ELASTIC WAVES
GRAVITY WAVES
SHALLOW WATER
SOLITARY WAVES
SURFACE WAVES
WATER DEPTH
WATER WAVES
∞ WAVES

COACHELLA VALLEY (CA)

GS VALLEYS
. **COACHELLA VALLEY (CA)**
RT CALIFORNIA
DESERTS

COAGULATION

GS **COAGULATION**
. BLOOD COAGULATION
RT ACCUMULATIONS
AGGLOMERATION
AITKEN NUCLEI
BLOOD
COALESCING
CONCENTRATING
DEPOSITION
EMBOLISMS
FIBRIN
FLOCCULATING
FLOTATION
GELATION
HARDENING (MATERIALS)
HEMORRHAGES
LUMPING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
∞ SETTING
SETTLING
SOLIDIFICATION
THROMBOPENIA
WATER TREATMENT

COAL

GS RESOURCES
. EARTH RESOURCES
. . . FOSSIL FUELS
. . . **COAL**
. . . . ANTHRACITE
. . . . LIGNITE
. . . . SOLVENT REFINED COAL
ROCKS
. SEDIMENTARY ROCKS
. . CARBONACEOUS ROCKS
. . **COAL**
. . . . ANTHRACITE
. . . . LIGNITE
RT ASHES
ASPHALTENES
BITUMENS
CARBONACEOUS MATERIALS
COAL DERIVED GASES
COAL DERIVED LIQUIDS
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
COKE
ENERGY POLICY
FLY ASH
HYDROLYSIS
PEAT
REGOLITH
SOILS
STRIP MINING
SYNTHANE

COAL DERIVED GASES

RT CATALYSTS
COAL

COAL DERIVED GASES--(cont.)

COAL DERIVED LIQUIDS
COAL GASIFICATION
COAL UTILIZATION
METHANE

COAL DERIVED LIQUIDS

RT ASPHALTENES
CATALYSTS
COAL
COAL DERIVED GASES
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION

COAL GASIFICATION

GS GASIFICATION
. **COAL GASIFICATION**
. . . HYDROLYSIS
RT COAL
COAL DERIVED GASES
COAL DERIVED LIQUIDS
COAL LIQUEFACTION
CRACKING (CHEMICAL ENGINEERING)
ENERGY POLICY
FUEL CELL POWER PLANTS
GASES
HYDROCARBON FUELS
HYDROCRACKING
LIGNITE
METHANATION
SYNTHANE
VOLATILITY

COAL LIQUEFACTION

GS PHASE TRANSFORMATIONS
. LIQUEFACTION
. . **COAL LIQUEFACTION**
RT ASPHALTENES
COAL
COAL DERIVED LIQUIDS
COAL GASIFICATION
ENERGY POLICY
HYDROCARBON FUELS
HYDROCRACKING
HYDROLYSIS
LIGNITE
MELTING
SOLVENT REFINED COAL

COAL UTILIZATION

GS UTILIZATION
. **COAL UTILIZATION**
RT COAL
COAL DERIVED GASES
COAL DERIVED LIQUIDS
ENERGY CONSUMPTION
ENERGY POLICY
ENERGY TECHNOLOGY
HYDROCARBON FUELS
LIGNITE
SOLVENT REFINED COAL

COALESCENCE

USE COALESCING

COALESCING

UF COALESCENCE
RT AGGLOMERATION
AGITATION
COAGULATION
CONCENTRATING
FLOCCULATING
MIXERS
∞ SEPARATION
SETTLING
THICKENERS (EQUIPMENT)

COANDA EFFECT

RT ∞ ATTACHMENT
BUBBLES
CIRCULATION CONTROL AIRFOILS
∞ EFFECTS
ENTRAINMENT
FLUID AMPLIFIERS
JET AMPLIFIERS
JET STREAMS (METEOROLOGY)
REATTACHED FLOW
∞ SEPARATION
THRUST AUGMENTATION

COARSENESS

RT FINENESS
REFLECTANCE
ROUGHNESS

COASTAL ZONE COLOR SCANNER**COARSENESS--(cont.)**

SURFACE PROPERTIES
SURFACE ROUGHNESS
SURFACE STABILITY
SURFACE TEMPERATURE

COASTAL CURRENTS

UF LITTORAL CURRENTS
LONGSHORE CURRENTS
GS CIRCULATION
. WATER CIRCULATION
. . WATER CURRENTS
. . . OCEAN CURRENTS
. . . . **COASTAL CURRENTS**
RT BEACHES
COASTS
∞ CURRENTS
GYRES
OCEANOGRAPHY
OCEANS
SEA TRUTH
SEAS
TIDES
WETLANDS

COASTAL DUNES

USE DUNES

COASTAL ECOLOGY

GS ECOLOGY
. **COASTAL ECOLOGY**
RT BIOMETEOROLOGY
COASTS
EARTH RESOURCES
ENVIRONMENT EFFECTS
ENVIRONMENTS
MARINE ENVIRONMENTS
MARINE RESOURCES
OIL POLLUTION
PHENOLOGY
THERMAL POLLUTION
WATERFOWL
WETLANDS

COASTAL MARSHLANDS

USE MARSHLANDS

COASTAL PLAINS

GS LAND
. PLAINS
. . **COASTAL PLAINS**
RT BARS (LANDFORMS)
BEACHES
BIOMETEOROLOGY
COASTS
EARTH RESOURCES
ECOLOGY
ENVIRONMENTS
PIEDMONTS
WETLANDS

COASTAL RANGES (CA)

GS LANDFORMS
. MOUNTAINS
. . **COASTAL RANGES (CA)**
RT CALIFORNIA
PACIFIC OCEAN

COASTAL WATER

GS WATER
. NEARSHORE WATER
. . **COASTAL WATER**
RT COASTAL ZONE COLOR SCANNER
ENVIRONMENT EFFECTS
OCEAN COLOR SCANNER
OCEANS
SEA WATER
SHELLFISH
SHORELINES
VADOSE WATER
WATER DEPTH
WETLANDS

COASTAL ZONE COLOR SCANNER

GS SCANNERS
. **COASTAL ZONE COLOR SCANNER**
RT CHLOROPHYLLS
COASTAL WATER
COLORIMETRY
MULTISPECTRAL BAND SCANNERS
OCEAN COLOR SCANNER
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
PHOTOMAPPING

COASTAL ZONE COLOR SCANNER--(cont.)

REMOTE SENSING
REMOTE SENSORS
SATELLITE IMAGERY
WATER COLOR

COASTING FLIGHT

RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
CLIMBING FLIGHT
CRUISING FLIGHT
DESCENT TRAJECTORIES
∞ FLIGHT
MIDCOURSE TRAJECTORIES
PARABOLIC FLIGHT
ROCKET FLIGHT
SOARING

COASTS

RT BEACHES
CASPIAN SEA
COASTAL CURRENTS
COASTAL ECOLOGY
COASTAL PLAINS
CORAL REEFS
CUSPS (LANDFORMS)
DUNES
ESTUARIES
LAGOONS
LAKES
LITTORAL DRIFT
MARINE ENVIRONMENTS
OCEANS
SEAS
SHORELINES
STORM SURGES
TIDAL FLATS
UPWELLING WATER

COATING

GS **COATING**
. ANODIZING
. ELECTROPLATING
. ENCAPSULATING
. METALLIZING
RT ANODIC STRIPPING
COATINGS
CORROSION PREVENTION
DEPOSITION
FLAME PLATING
FLAME SPRAYING
LINING PROCESSES
METAL FINISHING
METAL SPRAYING
∞ METALLURGY
METALORGANIC CHEMICAL VAPOR
DEPOSITION
PLASMA SPRAYING
∞ PRIMING
SEALING
SILICONIZING
SPRAYING
SURFACE FINISHING
SURFACE PROPERTIES
SURFACE TREATMENT
VAPOR DEPOSITION

COATINGS

GS **COATINGS**
. ANTIRADAR COATINGS
. ANTIREFLECTION COATINGS
. BIREFRINGENT COATINGS
. CATHODIC COATINGS
. ELECTROPLATING
. ENAMELS
. ENCAPSULATING
. GLASS COATINGS
. GLAZES
. INORGANIC COATINGS
. ANODIC COATINGS
. CERAMIC COATINGS
. LACQUERS
. MAGNETIC FILMS
. METAL COATINGS
. ALUMINUM COATINGS
. GOLD COATINGS
. NICKEL COATINGS
. ZINC COATINGS
. METALLIZING
. PAINTS
. PLASTIC COATINGS
. PROTECTIVE COATINGS
. ANODIC COATINGS
. CERAMIC COATINGS
. PRIMERS (COATINGS)

COATINGS--(cont.)

. . . REFRACTORY COATINGS
. . . RUBBER COATINGS
. . . SPRAYED COATINGS
. . . THERMAL CONTROL COATINGS
RT ADDITIVES
COATING
COMPOSITE MATERIALS
CORROSION
CORROSION PREVENTION
COVERINGS
CRYODEPOSITS
DEPOSITION
DEPOSITS
DIAMOND FILMS
DIPPING
ELECTROLESS DEPOSITION
ENERGY ABSORPTION FILMS
EPOXY RESINS
FABRICS
∞ FILMS
FINISHES
FLAME SPRAYING
FURAN RESINS
HOT CORROSION
IMPREGNATING
INHIBITORS
LAMINATES
LANGMUIR-BLODGETT FILMS
∞ LAYERS
LINING PROCESSES
LININGS
METAL FILMS
METAL FINISHING
METAL SPRAYING
∞ METALLURGY
MOISTURE RESISTANCE
PASSIVITY
PAVEMENTS
PLASMA SPRAYING
PLASTICIZERS
∞ PRIMING
PROTECTION
RUSTING
SEALERS
SEALING
∞ SHEETS
SILICONIZING
SOLVENTS
SPRAYING
SUBSTRATES
SURFACE FINISHING
SURFACE PROPERTIES
THIN FILMS
VAPOR DEPOSITION
VENEERS
WATERPROOFING
WAXES
WEATHERPROOFING
WINGS

COAXIAL CABLES

UF COAXIAL TRANSMISSION
GS TRANSMISSION LINES
. COMMUNICATION CABLES
. **COAXIAL CABLES**
RT ∞ CABLES
POWER LINES
SUBMARINE CABLES
WAVEGUIDES

COAXIAL FLOW

GS FLUID FLOW
. **COAXIAL FLOW**
RT ANNULAR FLOW
ANNULAR NOZZLES
AXIAL FLOW
AXISYMMETRIC FLOW
FLOW GEOMETRY
HILSCH TUBES
SHEAR FLOW
STRATIFIED FLOW
TWO DIMENSIONAL FLOW

COAXIAL NOZZLES

RT AIRCRAFT NOISE
AXIAL FLOW
FLUID FLOW
NOISE REDUCTION
NOZZLE GEOMETRY
∞ NOZZLES
SUPERSONIC NOZZLES
VARIABLE CYCLE ENGINES

COAXIAL PLASMA ACCELERATORS

GS PLASMA ACCELERATORS
. **COAXIAL PLASMA ACCELERATORS**
RT ∞ ACCELERATORS
PLASMA ENGINES
PLASMA GUNS

COAXIAL TRANSMISSION

USE COAXIAL CABLES
TRANSMISSION

COBALT

GS CHEMICAL ELEMENTS
. **COBALT**
. . . COBALT ISOTOPES
. . . COBALT 58
. . . COBALT 60
METALS
. TRANSITION METALS
. **COBALT**
. . . COBALT ISOTOPES
. . . COBALT 58
. . . COBALT 60
RT STRATEGIC MATERIALS

COBALT ACETATES

GS ACETATES
. **COBALT ACETATES**
COBALT COMPOUNDS
. **COBALT ACETATES**
ESTERS
. **COBALT ACETATES**

COBALT ALLOYS

GS ALLOYS
. **COBALT ALLOYS**
. . . ASTROLOY (TRADEMARK)
. . . RENE 41
. . . RENE 63
. . . RENE 77
. . . RENE 95
RT HEAT RESISTANT ALLOYS
KOVAR (TRADEMARK)
STELLITE (TRADEMARK)
WASPALLOY

COBALT COMPOUNDS

GS **COBALT COMPOUNDS**
. COBALT ACETATES
. COBALT FLUORIDES
. COBALT OXALATES
. COBALT OXIDES
. COHENITE
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 8 COMPOUNDS
∞ METAL COMPOUNDS

COBALT FLUORIDES

GS COBALT COMPOUNDS
. **COBALT FLUORIDES**
HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. . . FLUORIDES
. . . METAL FLUORIDES
. . . **COBALT FLUORIDES**

COBALT ISOTOPES

GS CHEMICAL ELEMENTS
. COBALT
. . . **COBALT ISOTOPES**
. . . COBALT 58
. . . COBALT 60
. . . NUCLIDES
. . . ISOTOPES
. . . **COBALT ISOTOPES**
. . . COBALT 58
. . . COBALT 60
METALS
. TRANSITION METALS
. **COBALT**
. . . **COBALT ISOTOPES**
. . . COBALT 58
. . . COBALT 60

COBALT OXALATES

GS COBALT COMPOUNDS
. **COBALT OXALATES**
OXALATES
. **COBALT OXALATES**

COBALT OXIDES

GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES

COBALT OXIDES--(cont.)

... COBALT OXIDES
COBALT COMPOUNDS
COBALT OXIDES

COBALT 58

GS CHEMICAL ELEMENTS
COBALT
COBALT ISOTOPES
COBALT 58
NUCLIDES
ISOTOPES
COBALT ISOTOPES
COBALT 58
RADIOACTIVE ISOTOPES
COBALT 58
METALS
TRANSITION METALS
COBALT
COBALT ISOTOPES
COBALT 58

COBALT 60

GS CHEMICAL ELEMENTS
COBALT
COBALT ISOTOPES
COBALT 60
NUCLIDES
ISOTOPES
COBALT ISOTOPES
COBALT 60
RADIOACTIVE ISOTOPES
COBALT 60
METALS
TRANSITION METALS
COBALT
COBALT ISOTOPES
COBALT 60

COBE

USE COSMIC BACKGROUND EXPLORER
SATELLITE

COBOL

UF COMMON BUSINESS ORIENTED
LANGUAGE
GS LANGUAGES
PROGRAMMING LANGUAGES
COBOL
RT FORTRAN
PL/1

COBRA DANE (RADAR)

GS RADAR
SURVEILLANCE RADAR
COBRA DANE (RADAR)
TRACKING RADAR
COBRA DANE (RADAR)
RT ANTENNA ARRAYS
EARLY WARNING SYSTEMS
MISSILE TRAJECTORIES
RADAR SIGNATURES

COCCOMYCES

GS PLANTS (BOTANY)
FUNGI
COCCOMYCES

COCHLEA

GS ANATOMY
SENSE ORGANS
EAR
LABYRINTH
COCHLEA
CORTI ORGAN

COCK AIRCRAFT

USE AN-22 AIRCRAFT

COCKPIT SIMULATORS

GS SIMULATORS
TRAINING SIMULATORS
FLIGHT SIMULATORS
COCKPIT SIMULATORS
RT SPACECRAFT CABIN SIMULATORS
TRAINING DEVICES
VIRTUAL REALITY

COCKPITS

RT AIRCRAFT COMPARTMENTS
CABIN ATMOSPHERES
CABINS
CANOPIES
EJECTION SEATS

COCKPITS--(cont.)

FLYING EJECTION SEATS
FUSELAGES
PRESSURIZED CABINS
SPACE CAPSULES
SPACECRAFT CABIN ATMOSPHERES
SPACECRAFT CABINS
WINDSHIELDS

COCKROACHES

UF BLATTIDAE
GS ANIMALS
INVERTEBRATES
ARTHROPODS
INSECTS
COCKROACHES

COCKS

UF STOPCOCKS
GS VALVES
COCKS
RT GAS VALVES
HYDRAULIC EQUIPMENT

COD (CRACKS)

USE CRACK OPENING DISPLACEMENT

COD AIRCRAFT

USE C-2 AIRCRAFT

COD DIVISION MULTIPLE ACCESS

UF CDMA
GS TELECOMMUNICATION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE ACCESS
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
MULTIPLE ACCESS
CODE DIVISION MULTIPLE
ACCESS
RT ALOHA SYSTEM
FREQUENCY DIVISION MULTIPLE
ACCESS
MULTICHANNEL COMMUNICATION
MULTIPLEXING
SATELLITE NETWORKS
SWITCHING
WIDEBAND COMMUNICATION

CODE DIVISION MULTIPLEXING

GS TRANSMISSION
MULTIPLEXING
CODE DIVISION MULTIPLEXING
RT DATA TRANSMISSION
DEMULPLEXING
FREQUENCY DIVISION MULTIPLE
ACCESS
RADIO COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION
TELECOMMUNICATION
WAVELENGTH DIVISION MULTIPLEXING

CODERS

UF ENCODERS
RT ANALOG TO DIGITAL CONVERTERS
CODING
DECODERS
PROGRAMMERS

∞ CODES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BCH CODES
BINARY CODES
BITERNARY CODE
CODING
COLOR CODING
CONCATENATED CODES
CRYPTOGRAPHY
DIGITS
ERROR CORRECTING CODES
ERROR DETECTION CODES
MORSE CODE
REED-SOLOMON CODES
STANDARDS
SYMBOLS
TRELLIS CODING

CODING

UF ENCODING
NOTATION
CODING
GS DECODING
REDUNDANCY ENCODING
SIGNAL ENCODING
AMPLITUDE MODULATION
QUADRATURE AMPLITUDE
MODULATION
FREQUENCY MODULATION
FEEDBACK FREQUENCY
MODULATION
FM/PM (MODULATION)
FREQUENCY SHIFT KEYING
PULSE FREQUENCY MODULATION
PHASE MODULATION
FM/PM (MODULATION)
PHASE SHIFT KEYING
BINARY PHASE SHIFT KEYING
QUADRATURE PHASE SHIFT
KEYING
PULSE MODULATION
PULSE AMPLITUDE MODULATION
PULSE CODE MODULATION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
PULSE FREQUENCY MODULATION
PULSE TIME MODULATION
PULSE DURATION MODULATION
PULSE POSITION MODULATION
TRELLIS CODING
WISWESSER NOTATIONS
RT ADDRESSING
ALPHABETS
ANALOG TO DIGITAL CONVERTERS
BCH CODES
CODERS
∞ CODES
COLOR CODING
COMPUTER PROGRAMMING
COMPUTER PROGRAMS
CONCATENATED CODES
CRYPTOGRAPHY
DATA TRANSMISSION
DICTIONARIES
DIGITAL TECHNIQUES
ERROR DETECTION CODES
IDENTIFYING
INFORMATION THEORY
LANGUAGES
PARITY
PULSE COMPRESSION
REED-SOLOMON CODES
SYMBOLIC PROGRAMMING
SYMBOLS
VECTOR QUANTIZATION
VITERBI DECODERS

COEFFICIENT OF FRICTION

UF FRICTION COEFFICIENT
GS COEFFICIENTS
COEFFICIENT OF FRICTION
SURFACE PROPERTIES
COEFFICIENT OF FRICTION
RT FRICTION
FRICTION FACTOR
FRICTION REDUCTION
KINETIC FRICTION
SLIDING FRICTION
STATIC FRICTION
WEAR RESISTANCE

COEFFICIENTS

GS COEFFICIENTS
ACCOMMODATION COEFFICIENT
AERODYNAMIC COEFFICIENTS
ATTENUATION COEFFICIENTS
BINOMIAL COEFFICIENTS
CLEBSCH-GORDAN COEFFICIENTS
COEFFICIENT OF FRICTION
COHERENCE COEFFICIENT
CORRELATION COEFFICIENTS
COUPLING COEFFICIENTS
DIFFUSION COEFFICIENT
SORET COEFFICIENT
FLOW COEFFICIENTS
DISCHARGE COEFFICIENT
HEAT TRANSFER COEFFICIENTS
INFLUENCE COEFFICIENT
STRUCTURAL INFLUENCE
COEFFICIENTS
IONIZATION COEFFICIENTS
NOZZLE THRUST COEFFICIENTS

COEFFICIENTS--(cont.)

- ONSAGER PHENOMENOLOGICAL COEFFICIENT
- RECOMBINATION COEFFICIENT
- REGRESSION COEFFICIENTS
- SCATTERING COEFFICIENTS
- VIRIAL COEFFICIENTS
- WIGNER COEFFICIENT
- RT ∞ CONSTANT
- CONSTANTS
- MECHANICAL PROPERTIES
- OPTICAL PROPERTIES
- POLYNOMIALS
- RACAH COEFFICIENT
- STATISTICAL ANALYSIS
- ∞ WEIGHT

COENZYMES

- GS ORGANIC COMPOUNDS
- COENZYMES
- ADENOSINE DIPHOSPHATE
- ADENOSINE TRIPHOSPHATE
- CYCLIC AMP
- GLUTATHIONE
- THIAMINE
- RT ENZYMES

COERCIVITY

- RT MAGNETIC PROPERTIES
- MAGNETIZATION

COESITE

- GS CHALCOGENIDES
- OXIDES
- DIOXIDES
- SILICON DIOXIDE
- QUARTZ
- COESITE
- SILICON OXIDES
- SILICON DIOXIDE
- QUARTZ
- COESITE
- MINERALS
- QUARTZ
- COESITE
- SILICON COMPOUNDS
- SILICON OXIDES
- SILICON DIOXIDE
- QUARTZ
- COESITE
- RT EARTH CRUST
- EARTH MANTLE
- METEORITES
- RUTILE
- STISHOVITE
- STONY METEORITES
- TEKTITES

COFFEE

- GS FARM CROPS
- COFFEE
- RT BEVERAGES

COFFIN-MANSON LAW

- GS LAWS
- COFFIN-MANSON LAW
- RT CRACK PROPAGATION
- FATIGUE LIFE
- FATIGUE TESTS
- METAL FATIGUE

COGENERATION

- RT ELECTRIC GENERATORS
- ELECTRIC POWER PLANTS
- ENERGY CONVERSION
- ∞ GENERATION
- HEAT GENERATION
- ∞ POWER PLANTS
- SOLAR ENERGY CONVERSION
- THERMAL ENERGY
- WASTE ENERGY UTILIZATION

COGNITION

- RT ARTIFICIAL INTELLIGENCE
- COGNITIVE PSYCHOLOGY
- DECISION MAKING
- IDENTIFYING
- IFF SYSTEMS (IDENTIFICATION)
- INFORMATION PROCESSING (BIOLOGY)
- KNOWLEDGE REPRESENTATION
- PERCEPTION

COGNITIVE PSYCHOLOGY

- GS PSYCHOLOGY
- COGNITIVE PSYCHOLOGY

COGNITIVE PSYCHOLOGY--(cont.)

- RT COGNITION
- INFORMATION PROCESSING (BIOLOGY)
- INTELLIGENCE
- MENTAL PERFORMANCE

COGO (PROGRAMMING LANGUAGE)

- UF COORDINATE GEOMETRY LANGUAGE
- GS LANGUAGES
- PROGRAMMING LANGUAGES
- COGO (PROGRAMMING LANGUAGE)

COHENITE

- GS COBALT COMPOUNDS
- COHENITE
- IRON COMPOUNDS
- COHENITE
- MINERALS
- COHENITE
- NICKEL COMPOUNDS
- COHENITE

 ∞ COHERENCE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT COHERENT RADIATION
- COHERENT SCATTERING
- COHESION
- CONGRUENCES
- ELASTIC SCATTERING
- INTELLIGIBILITY
- LASER OUTPUTS
- LASERS
- MASER OUTPUTS
- PHASE COHERENCE
- WAVE DISPERSION
- WAVE PROPAGATION

COHERENCE COEFFICIENT

- GS COEFFICIENTS
- COHERENCE COEFFICIENT
- RT COHERENT RADAR
- COHERENT RADIATION
- ∞ INTERFERENCE
- NOISE PROPAGATION
- PHASE COHERENCE
- STOCHASTIC PROCESSES

COHERENT ACOUSTIC RADIATION

- GS COHERENT RADIATION
- COHERENT ACOUSTIC RADIATION
- ELASTIC WAVES
- COHERENT ACOUSTIC RADIATION
- RT ∞ RADIATION
- ULTRASONIC RADIATION
- UNDERWATER ACOUSTICS

COHERENT ANTI-STOKES RAMAN SPECTROSCOPY

- USE RAMAN SPECTROSCOPY

COHERENT ELECTROMAGNETIC RADIATION

- GS COHERENT RADIATION
- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT LIGHT
- LASER BEAMS
- ELECTROMAGNETIC RADIATION
- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT LIGHT
- LASER BEAMS
- BEAMS (RADIATION)
- HOLOGRAPHY
- INFRARED RADIATION
- INTERSTELLAR MASERS
- IONIZING RADIATION
- KRYPTON FLUORIDE LASERS
- LASERS
- LIGHT (VISIBLE RADIATION)
- MASERS
- MODULATED CONTINUOUS RADIATION
- MONOCHROMATIC RADIATION
- ∞ RADIATION
- RADIO WAVES
- SQUEEZED STATES (QUANTUM THEORY)
- STIMULATED EMISSION
- STIMULATED EMISSION DEVICES
- TRAVELING WAVE MASERS
- ULTRAVIOLET RADIATION

COHERENT LIGHT

- GS COHERENT RADIATION

COHERENT LIGHT--(cont.)

- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT LIGHT
- ELECTROMAGNETIC RADIATION
- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT LIGHT
- LIGHT (VISIBLE RADIATION)
- COHERENT LIGHT
- RT FOUR-WAVE MIXING
- GAMMA RAY LASERS
- HCN LASERS
- HOLOGRAPHIC INTERFEROMETRY
- HOLOGRAPHY
- LASER OUTPUTS
- LASERS
- MONOCHROMATIC RADIATION
- NEODYMIUM LASERS
- OPTICAL COMPUTERS
- OPTICAL MEMORY (DATA STORAGE)
- PHASE COHERENCE
- PLASMA DYNAMIC LASERS
- RARE GAS-HALIDE LASERS
- SCATTER PLATES (OPTICS)
- SHIVA LASER SYSTEM
- SPECKLE HOLOGRAPHY
- SQUEEZED STATES (QUANTUM THEORY)
- STIMULATED EMISSION
- TWO-WAVELENGTH LASERS
- ULTRAVIOLET LASERS

COHERENT RADAR

- GS RADAR
- COHERENT RADAR
- RT COHERENCE COEFFICIENT
- CONTINUOUS WAVE RADAR
- DOPPLER RADAR
- MOVING TARGET INDICATORS
- PULSE DOPPLER RADAR
- PULSE RADAR
- RADAR DETECTION
- SEARCH RADAR
- SURVEILLANCE RADAR
- TRACKING RADAR

COHERENT RADIATION

- UF COHERENT SOURCES
- COHERENT TRANSMISSION
- GS COHERENT RADIATION
- COHERENT ACOUSTIC RADIATION
- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT LIGHT
- LASER BEAMS
- RT BEAMS (RADIATION)
- ∞ COHERENCE
- COHERENCE COEFFICIENT
- CONTINUOUS RADIATION
- CORPUSCULAR RADIATION
- ELASTIC WAVES
- ELECTROMAGNETIC RADIATION
- LIGHT (VISIBLE RADIATION)
- OPTICAL PROPERTIES
- ∞ RADIATION
- ∞ WAYS
- WAVE PROPAGATION

COHERENT SCATTERING

- GS SCATTERING
- COHERENT SCATTERING
- RT ∞ COHERENCE
- COMPTON EFFECT
- ELASTIC SCATTERING
- INCOHERENT SCATTERING
- INELASTIC SCATTERING
- NUCLEAR SCATTERING

COHERENT SOURCES

- USE COHERENT RADIATION
- RADIATION SOURCES

COHERENT TRANSMISSION

- USE COHERENT RADIATION

COHESION

- RT AGGLUTINATION
- BONDING
- ∞ COHERENCE
- INTERNAL FRICTION
- INTERNAL PRESSURE
- PLASTIC PROPERTIES
- SPREADING

- COHOMOLOGY**
USE HOMOLOGY
- COILS**
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ELECTRIC COILS
INDUCTORS
MAGNET COILS
MAGNETIC COILS
SPRINGS (ELASTIC)
TOROIDS
WIRE
- COIN AIRCRAFT**
UF LARA AIRCRAFT
LIGHT ARMED RECONNAISSANCE AIRCRAFT
GS **COIN AIRCRAFT**
. F-5 AIRCRAFT
. OV-10 AIRCRAFT
RT ∞ AIRCRAFT
LIGHT INTRATHEATER TRANSPORT
- COINCIDENCE CIRCUITS**
GS CIRCUITS
. **COINCIDENCE CIRCUITS**
RT GATES (CIRCUITS)
RADIATION COUNTERS
SYNCHRONISM
- COINING**
GS FORMING TECHNIQUES
. PRESSING (FORMING)
. **COINING**
METAL WORKING
. **COINING**
RT COLD PRESSING
COLD WORKING
DIES
FORGING
HOT ISOSTATIC PRESSING
HOT PRESSING
SIZING (SHAPING)
STAMPING
- COKE**
GS FUELS
. **COKE**
RT BITUMENS
CARBON
CHARCOAL
COAL
LIGNITE
- COKE AIRCRAFT**
USE AN-24 AIRCRAFT
- COLCHICINE**
GS BASES (CHEMICAL)
. ALKALOIDS
. **COLCHICINE**
NITROGEN COMPOUNDS
. ALKALOIDS
. **COLCHICINE**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. CYCLIC HYDROCARBONS
. **COLCHICINE**
. HETEROCYCLIC COMPOUNDS
. ALKALOIDS
. **COLCHICINE**
HYDROCARBONS
. CYCLIC HYDROCARBONS
. **COLCHICINE**
- COLD ACCLIMATIZATION**
GS ADAPTATION
. ACCLIMATIZATION
. **COLD ACCLIMATIZATION**
RT HEAT ACCLIMATIZATION
SUBZERO TEMPERATURE
- COLD BLOODED ANIMALS**
USE POIKILOthermia
- COLD BOKKEVELD METEORITE**
GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. CARBONACEOUS METEORITES
. CARBONACEOUS CHONDRITES
. **COLD BOKKEVELD METEORITE**
- COLD BOKKEVELD METEORITE--(cont.)**
. CHONDRITES
. CARBONACEOUS CHONDRITES
. **COLD BOKKEVELD METEORITE**
- COLD CATHODE TUBES**
GS ELECTRON TUBES
. **COLD CATHODE TUBES**
. PHOTOTUBES
. PHOTOMULTIPLIER TUBES
. FREQUENCY MODULATION
PHOTOMULTIPLIERS
RT CATHODES
ELECTRODES
GAS DISCHARGES
 ∞ GAS TUBES
TUBE CATHODES
TUNNEL CATHODES
- COLD CATHODES**
GS ELECTRODES
. CATHODES
. TUBE CATHODES
. **COLD CATHODES**
RT GAS DISCHARGES
TUNNEL CATHODES
- COLD DRAWING**
RT DEEP DRAWING
 ∞ DRAWING
METAL DRAWING
- COLD FLOW TESTS**
SN (EXCLUDES MECHANICAL CREEP, TESTS)
GS ENGINE TESTS
. **COLD FLOW TESTS**
GROUND TESTS
. **COLD FLOW TESTS**
RT CHECKOUT
FEED SYSTEMS
PLASTIC PROPERTIES
PRELAUNCH TESTS
PROPELLANT TESTS
PROPULSION SYSTEM PERFORMANCE
ROCKET ENGINE DESIGN
STATIC TESTS
 ∞ TESTS
- COLD FORMING**
USE COLD WORKING
- COLD FRONTS**
GS FRONTS (METEOROLOGY)
. **COLD FRONTS**
RT AIR MASSES
 ∞ FRONTS
METEOROLOGICAL PARAMETERS
METEOROLOGY
STORMS
SYNOPTIC METEOROLOGY
THUNDERSTORMS
TORNADOES
WARM FRONTS
WEATHER FORECASTING
- COLD GAS**
GS GASES
. **COLD GAS**
RT ATTITUDE CONTROL
GAS JETS
JET THRUST
- COLD HARDENING**
SN (LIMITED TO HARDENING OF MATERIALS BY COOLING TO VERY LOW TEMPERATURES-- EXCLUDES PRECIPITATION HARDENING AT OR NEAR ROOM TEMPERATURE AND HARDENING VIA COLD WORKING)
GS HARDENING (MATERIALS)
. **COLD HARDENING**
RT BRITTLINESS
HARDNESS
PHASE TRANSFORMATIONS
PRECIPITATION HARDENING
WORK HARDENING
- COLD NEUTRONS**
GS PARTICLES
. ELEMENTARY PARTICLES
. FERMIONS
. NEUTRONS
. **COLD NEUTRONS**
NEUTRAL PARTICLES
- COLD NEUTRONS--(cont.)**
. NEUTRONS
. **COLD NEUTRONS**
RT BARYONS
- COLD PLASMAS**
UF LOW TEMPERATURE PLASMAS
GS PARTICLES
. CHARGED PARTICLES
. ENERGETIC PARTICLES
. PLASMAS (PHYSICS)
. **COLD PLASMAS**
RT COLLISIONLESS PLASMAS
RAREFIED PLASMAS
- COLD PRESSING**
RT COINING
COMPACTING
HOT ISOSTATIC PRESSING
HOT PRESSING
METAL WORKING
 ∞ PRESSING
PRESSING (FORMING)
UPSETTING
- COLD ROLLING**
GS FORMING TECHNIQUES
. COLD WORKING
. **COLD ROLLING**
RT METAL WORKING
- COLD STRENGTH**
GS MECHANICAL PROPERTIES
. **COLD STRENGTH**
RT HIGH TEMPERATURE TESTS
LOW TEMPERATURE ENVIRONMENTS
LOW TEMPERATURE TESTS
 ∞ STRENGTH
- COLD SURFACES**
UF COLD WALLS
RT CRYOGENIC FLUID STORAGE
 ∞ SURFACES
- COLD TOLERANCE**
GS TOLERANCES (PHYSIOLOGY)
. **COLD TOLERANCE**
RT BODY TEMPERATURE
EXPOSURE
FROSTBITE
HEAT TOLERANCE
HOMEOSTASIS
SUBZERO TEMPERATURE
THERMOREGULATION
VASOCONSTRICTION
- COLD TRAPS**
GS TRAPS
. **COLD TRAPS**
RT CONDENSERS (LIQUEFIERS)
CRYOGENIC TEMPERATURE
CRYOGENICS
CRYOTRAPPING
FREEZING
REFRIGERATING
VACUUM APPARATUS
VAPOR TRAPS
- COLD WALLS**
USE COLD SURFACES
WALLS
- COLD WATER**
GS WATER
. **COLD WATER**
RT POTABLE WATER
- COLD WEATHER**
GS WEATHER
. **COLD WEATHER**
RT FROST DAMAGE
LOW TEMPERATURE ENVIRONMENTS
PRESSURE ICE
SNOW COVER
SUBZERO TEMPERATURE
WEATHERPROOFING
WINTER
- COLD WEATHER TESTS**
GS ENVIRONMENTAL TESTS
. **COLD WEATHER TESTS**
RT HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
 ∞ TESTS

COLD WELDING

GS WELDING
 . PRESSURE WELDING
 . . **COLD WELDING**
 RT ADHESION
 BONDING
 HIGH VACUUM
 VACUUM EFFECTS

COLD WORKING

UF COLD FORMING
 GS FORMING TECHNIQUES
 . **COLD WORKING**
 . . COLD ROLLING
 . . ELECTROHYDRAULIC FORMING
 . . EXPLOSIVE FORMING
 RT CLADDING
 COINING
 DEEP DRAWING
 EXTRUDING
 FORGING
 ∞ JOINING
 MAGNETIC FORMING
 METAL DRAWING
 METAL SPINNING
 METAL WORKING
 PEENING
 ROLL FORMING
 SHEARING
 SHOT PEENING
 STAMPING
 STRETCH FORMING
 STRETCHING
 SWAGING
 TEMPER (METALLURGY)
 UPSETTING
 WINDING

COLEOPTERA

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 . . . **COLEOPTERA**
 BEETLES
 TRIBOLIA
 BOLL WEEVILS

COLIC

GS DISEASES
 . **COLIC**
 RT GASTROINTESTINAL SYSTEM
 INTESTINES

COLLAGENS

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . CONNECTIVE TISSUE
 . . . **COLLAGENS**
 RT BONE MINERAL CONTENT
 GELATINS
 LEATHER
 PROTEINS
 SKIN (ANATOMY)

COLLAPSE

RT BUCKLING
 DEFORMATION
 FAILURE
 STRUCTURAL FAILURE

COLLATING

RT BINDING
 COMPILERS
 CORRELATION
 INSERTION
 POSITION (LOCATION)
 POSITIONING

COLLECTION

RT ACCUMULATIONS
 ACQUISITION
 ASSEMBLING
 INPUT
 LUMPING
 MUSEUMS
 ∞ RECEIVING
 SAMPLING
 SELECTION
 STOCKPILING

COLLECTORS

USE ACCUMULATORS

COLLEGES

USE UNIVERSITIES

COLLIMATION

GS **COLLIMATION**
 . BEAMFORMING
 RT ADJUSTING
 ALIGNMENT
 DIRECTIVITY
 FOUR-WAVE MIXING
 MICROBEAMS
 ∞ ORIENTATION
 POLARIZATION (WAVES)

COLLIMATORS

UF AUTOCOLLIMATORS
 GS OPTICAL EQUIPMENT
 . **COLLIMATORS**
 RT BEAM WAVEGUIDES
 MIRRORS
 OPTICAL MEASUREMENT

COLLINEARITY

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . VECTOR ANALYSIS
 . . . **COLLINEARITY**
 . . . REAL VARIABLES
 . . . VECTOR ANALYSIS
 . . . **COLLINEARITY**
 GEOMETRY
 . VECTOR ANALYSIS
 . . **COLLINEARITY**
 LINEARITY
 . **COLLINEARITY**

COLLISION AVOIDANCE

UF COLLISION WARNING DEVICES
 GS AVOIDANCE
 . **COLLISION AVOIDANCE**
 . . BEACON COLLISION AVOIDANCE
 . . . SYSTEM
 RT AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRCRAFT GUIDANCE
 AIRCRAFT SAFETY
 AIRSPACE
 APPROACH CONTROL
 AUTOMATIC TRAFFIC ADVISORY AND
 RESOLUTION
 COLLISIONS
 FLIGHT PATHS
 FLIGHT RULES
 FLIGHT SAFETY
 MIDAIR COLLISIONS
 NATIONAL AIRSPACE UTILIZATION
 . . . SYSTEM
 RADAR
 RADAR NAVIGATION
 RADIO NAVIGATION
 THREAT EVALUATION
 TRAFFIC CONTROL
 VISUAL FLIGHT
 WARNING
 WARNING SYSTEMS

COLLISION PARAMETERS

GS RATES (PER TIME)
 . **COLLISION PARAMETERS**
 . . COLLISION RATES
 RT ∞ ABSORPTION
 BEAM INTERACTIONS
 ∞ CROSS SECTIONS
 MEAN FREE PATH
 NUCLEAR INTERACTIONS
 PARTICLE INTERACTIONS
 PARTICLE THEORY
 SCATTERING

COLLISION RATES

GS RATES (PER TIME)
 . COLLISION PARAMETERS
 . . **COLLISION RATES**

COLLISION WARNING DEVICES

USE COLLISION AVOIDANCE
 WARNING SYSTEMS

COLLISIONAL PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)

COLLISIONAL PLASMAS--(cont.)

. . . . **COLLISIONAL PLASMAS**
 STRONGLY COUPLED PLASMAS
 RT ELECTRON RUNAWAY (PLASMA
 PHYSICS)
 HIGH TEMPERATURE PLASMAS
 NUCLEAR FUSION
 PLASMA CONDUCTIVITY
 PLASMA DENSITY
 PLASMA WAVES

COLLISIONLESS PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 **COLLISIONLESS PLASMAS**
 RT COLD PLASMAS
 IONIC WAVES
 KELVIN-HELMHOLTZ INSTABILITY
 LOW DENSITY RESEARCH
 RAREFIED PLASMAS

COLLISIONS

GS **COLLISIONS**
 . ATOMIC COLLISIONS
 . COULOMB COLLISIONS
 . INELASTIC COLLISIONS
 . IONIC COLLISIONS
 . METEORITE COLLISIONS
 . MIDAIR COLLISIONS
 . . BIRD-AIRCRAFT COLLISIONS
 . . MOLECULAR COLLISIONS
 . . PARTICLE COLLISIONS
 RT AIR BAG RESTRAINT DEVICES
 AIR TRAFFIC CONTROL
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 COLLISION AVOIDANCE
 CRASHES
 FLIGHT HAZARDS
 FLIGHT PATHS
 GAS ATOMIZATION
 PILOT ERROR
 RECOLINGS
 SCATTERING

COLLOCATION

RT ASSEMBLIES
 ∞ ASSEMBLY
 CONGRUENCES
 POSITION (LOCATION)
 POSITIONING

COLLOIDAL GENERATORS

RT ATOMIZING
 DISPERSIONS
 ∞ GENERATORS
 PLASMA DIFFUSION
 PLASMA GENERATORS
 SPRAYERS
 VAPORIZERS

COLLOIDAL PROPELLANTS

UF CORDITE
 GS MIXTURES
 . DISPERSIONS
 . . COLLOIDS
 . . . **COLLOIDAL PROPELLANTS**
 PROPELLANTS
 . **COLLOIDAL PROPELLANTS**
 RT GELLED PROPELLANTS
 SLURRY PROPELLANTS
 SOLID PROPELLANTS
 SOLID SUSPENSIONS

COLLOIDING

UF LYOPHILIZATION
 GS MIXING
 . **COLLOIDING**
 RT AGITATION
 ATOMIZING
 COLLOIDS
 COMMUNITION
 COMPOUNDING
 DISPERSING
 FLOCCULATING
 GELATION
 HOMOGENIZING
 PRECIPITATION (CHEMISTRY)
 SUSPENDING (MIXING)

COLLOIDS

UF LYOPHILS

COLLOIDS--(cont.)

GS MIXTURES
 . DISPERSIONS
 . . . COLLOIDS
 AEROSOLS
 FOG
 COLLOIDAL PROPELLANTS
 RT BROWNIAN MOVEMENTS
 CLAYS
 COLLOIDING
 ELECTRODIALYSIS
 ELECTROPHORESIS
 EMULSIONS
 FOAMS
 GELS
 HOMEOSTASIS
 NONNEWTONIAN FLUIDS
 PARTICLES
 PLASTISOLS
 ∞ SEPARATION

COLOMBIA

GS NATIONS
 . COLOMBIA
 RT LLANOS ORIENTALES (COLOMBIA)
 MAGDALENA-CAUCA VALLEY (COLOMBIA)
 SOUTH AMERICA

COLONIES

RT BACTERIA
 BACTERIOLOGY

COLOR

UF COLORATION
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . . COLOR
 IRIDESCENCE
 WATER COLOR
 RT BRIGHTNESS
 COLORIMETRY
 CONTRAST
 DARKNESS
 DICHROISM
 DISCOLORATION
 ELECTROCHROMISM
 FADING
 HUMAN FACTORS ENGINEERING
 INCANDESCENCE
 ISOCHROMATICS
 LIGHT (VISIBLE RADIATION)
 PERCEPTION
 PHOTOTROPISM
 ∞ PHYSICAL PROPERTIES
 PREWHITENING
 SPECTRA
 SURFACE PROPERTIES
 SYMBOLS
 THERMOCHROMATIC MATERIALS
 VEGETATIVE INDEX
 VISIBILITY
 VISION
 WAVE DISPERSION

COLOR (PARTICLE PHYSICS)

USE QUANTUM CHROMODYNAMICS

COLOR CENTERS

UF F CENTERS
 RT ∞ CENTERS
 FRANCK-CONDON PRINCIPLE

COLOR CODING

UF COLOR ENHANCEMENT
 RT ∞ CODES
 CODING

COLOR ENHANCEMENT

USE COLOR CODING

COLOR INFRARED PHOTOGRAPHY

GS IMAGERY
 . INFRARED PHOTOGRAPHY
 . . . COLOR INFRARED PHOTOGRAPHY
 PHOTOGRAPHY
 . MULTISPECTRAL PHOTOGRAPHY
 . . . INFRARED PHOTOGRAPHY
 COLOR INFRARED PHOTOGRAPHY
 RT COLOR PHOTOGRAPHY
 INFRARED IMAGERY

COLOR PERCEPTION

USE COLOR VISION

COLOR PHOTOGRAPHY

GS IMAGERY
 . COLOR PHOTOGRAPHY
 PHOTOGRAPHY
 RT . COLOR PHOTOGRAPHY
 AERIAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 CINEMATOGRAPHY
 COLOR INFRARED PHOTOGRAPHY
 ORTHOPHOTOGRAPHY
 PHOTOCHROMISM
 PHOTOMAPPING
 SHADOWGRAPH PHOTOGRAPHY
 STEREOPHOTOGRAPHY
 ULTRAVIOLET PHOTOGRAPHY
 UNDERWATER PHOTOGRAPHY

COLOR TELEVISION

GS TELECOMMUNICATION
 . COLOR TELEVISION
 TELEVISION SYSTEMS
 . COLOR TELEVISION
 RT CLOSED CIRCUIT TELEVISION
 COMMUNICATING
 COMMUNICATION EQUIPMENT
 EDUCATIONAL TELEVISION
 SATELLITE TELEVISION
 SPACECRAFT TELEVISION
 STEREOTELEVISION
 TELEVISION RECEPTION
 TELEVISION TRANSMISSION

COLOR VISION

UF COLOR PERCEPTION
 GS VISION
 . COLOR VISION
 RT EYE (ANATOMY)
 YOUNG-HELMHOLTZ THEORY

COLOR-COLOR DIAGRAM

GS DIAGRAMS
 . COLOR-COLOR DIAGRAM
 RT COLOR-MAGNITUDE DIAGRAM
 HERTZSPRUNG-RUSSELL DIAGRAM
 STELLAR COLOR
 STELLAR SPECTRA
 STELLAR SPECTROPHOTOMETRY
 UVB SPECTRA

COLOR-MAGNITUDE DIAGRAM

UF C-M DIAGRAM
 GS DIAGRAMS
 . COLOR-MAGNITUDE DIAGRAM
 RT ASYMPTOTIC GIANT BRANCH STARS
 COLOR-COLOR DIAGRAM
 GLOBULAR CLUSTERS
 HERTZSPRUNG-RUSSELL DIAGRAM
 HORIZONTAL BRANCH STARS
 MAIN SEQUENCE STARS
 STAR CLUSTERS
 STELLAR COLOR
 STELLAR EVOLUTION
 STELLAR MAGNITUDE

COLORADO

GS NATIONS
 . UNITED STATES
 . . . COLORADO
 RT COLORADO PLATEAU (US)
 COLORADO RIVER (NORTH AMERICA)
 MANITOU (CO)
 PIKE'S PEAK (CO)
 SAN JUAN MOUNTAINS (CO)

COLORADO PLATEAU (US)

GS LAND
 . COLORADO PLATEAU (US)
 LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . COLORADO PLATEAU (US)
 RT ARIZONA
 COLORADO
 HIGHLANDS
 NEW MEXICO
 UTAH

COLORADO RIVER (NORTH AMERICA)

GS RIVERS
 . COLORADO RIVER (NORTH AMERICA)
 RT ARIZONA
 COLORADO
 MEXICO
 UTAH

COLUMNS (PROCESS ENGINEERING)

COLORATION
 USE COLOR

COLORIMETRY

GS OPTICAL MEASUREMENT
 . COLORIMETRY
 RT CHEMICAL ANALYSIS
 CHROMATOGRAPHY
 COASTAL ZONE COLOR SCANNER
 COLOR
 ELECTROPHOTOMETRY
 LIQUID CHROMATOGRAPHY
 OCEAN COLOR SCANNER
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETRY
 SPECTROPHOTOMETRY
 SPECTROSCOPY
 THERMOCHROMATIC MATERIALS

COLS

USE GAPS (GEOLOGY)

COLUMBIA (ORBITER)

UF SPACE SHUTTLE ORBITER 102
 GS MANNED SPACECRAFT
 . SPACE SHUTTLE ORBITERS
 . . . COLUMBIA (ORBITER)
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . REUSABLE SPACECRAFT
 . . . SPACE SHUTTLE ORBITERS
 COLUMBIA (ORBITER)
 RT MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSION 31-A
 SPACE SHUTTLE MISSION 41-A
 SPACE SHUTTLE MISSION 61-A
 SPACE SHUTTLE MISSION 61-C
 SPACE SHUTTLE MISSION 61-E
 ∞ SPACECRAFT

COLUMBIA RIVER BASIN (ID-OR-WA)

GS LANDFORMS
 . STRUCTURAL BASINS
 . . RIVER BASINS
 . . . COLUMBIA RIVER BASIN
 (ID-OR-WA)
 RT IDAHO
 OREGON
 RIVERS
 WASHINGTON

COLUMBIUM

USE NIOBIUM

COLUMBUS SPACE STATION

GS ARTIFICIAL SATELLITES
 . SPACE STATIONS
 . . COLUMBUS SPACE STATION
 ESA SPACECRAFT
 . COLUMBUS SPACE STATION
 MANNED SPACECRAFT
 . COLUMBUS SPACE STATION
 SPACE PLATFORMS
 . COLUMBUS SPACE STATION
 STATIONS
 . SPACE STATIONS
 . . COLUMBUS SPACE STATION
 RT AEPS
 BIOASTRONAUTICS
 FERRY SPACECRAFT
 INTRAORBIT TRANSFER VEHICLES
 LARGE SPACE STRUCTURES
 MAN TENDED FREE FLYERS
 MANNED ORBITAL LABORATORIES
 MILITARY SPACECRAFT
 ORBITAL SERVICING
 RENDEZVOUS SPACECRAFT
 SHAPE CONTROL
 SPACE SHUTTLES
 SPACE STATION FREEDOM
 SPACE STATION POLAR PLATFORMS

∞ COLUMNS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COLUMNS (PROCESS ENGINEERING)
 COLUMNS (SUPPORTS)

COLUMNS (PROCESS ENGINEERING)

RT ABSORBERS (EQUIPMENT)
 CHEMICAL REACTORS
 ∞ COLUMNS
 CONCENTRATORS
 CONDENSERS (LIQUEFIERS)

COLUMNS (PROCESS ENGINEERING)--(cont.)

CONTACTORS
CONTRACTORS
DEHYDRATION
DEHYDROGENATION
DISTILLATION EQUIPMENT
DRYING APPARATUS
EXTRACTION
SCRUBBERS
SEPARATORS
VAPORIZERS

COLUMNS (SUPPORTS)

GS STRUCTURAL MEMBERS
 COLUMNS (SUPPORTS)
 . . . TAPERED COLUMNS
RT BEAMS (SUPPORTS)
 ∞ COLUMNS
 PYLON MOUNTING
 PYLONS
 STRUTS
 STUDS (STRUCTURAL MEMBERS)
 TIMOSHENKO BEAMS
 TOWERS

∞ COMA

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ABERRATION
 BLACKOUT (PHYSIOLOGY)
 BLACKOUT PREVENTION
 COMET HEADS
 COMET NUCLEI
 COMET TAILS
 COMETARY ATMOSPHERES
 COMETS
 GRIGG-SKJELLERUP COMET
 KOHOUTEK COMET
 SCREEN EFFECT
 TEMPEL 2 COMET
 UNCONSCIOUSNESS

COMBAT

GS MILITARY OPERATIONS
 COMBAT
 WARFARE
 COMBAT
RT AIRCRAFT SURVIVABILITY
 B-1 AIRCRAFT
 ELECTRONIC WARFARE

∞ COMBINATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ADMIXTURES
 CONSOLIDATION
 MIXTURES
 PERMUTATIONS

COMBINATIONS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
 . . . COMBINATORIAL ANALYSIS
 . . . **COMBINATIONS (MATHEMATICS)**
RT PARTITIONS (MATHEMATICS)
 PERMUTATIONS

COMBINATORIAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
 . . . **COMBINATORIAL ANALYSIS**
 . . . BINOMIAL COEFFICIENTS
 . . . COMBINATIONS (MATHEMATICS)
 . . . FACTORIALS
 . . . PARTITIONS (MATHEMATICS)
 . . . PERMUTATIONS
RT ∞ ANALYZING
 ∞ APPLICATIONS OF MATHEMATICS
 GRAPH THEORY
 INFORMATION THEORY
 NUMBER THEORY
 PROBABILITY THEORY
 SET THEORY

COMBINED CYCLE POWER GENERATION

RT ELECTRIC GENERATORS
 ELECTRIC POWER PLANTS
 ENERGY TECHNOLOGY
 GAS TURBINES
 STEAM TURBINES

COMBINED RELEASE AND RADIATION EFFECTS

SAT
USE CRRES (SATELLITE)

COMBINED STRESS

GS STRESSES
 COMBINED STRESS
RT FATIGUE LIFE
 STRESS ANALYSIS
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS

COMBUSTIBILITY

USE FLAMMABILITY

COMBUSTIBLE FLOW

GS FLUID FLOW
 . . . REACTING FLOW
 . . . **COMBUSTIBLE FLOW**
RT BOUNDARY LAYER COMBUSTION
 COMBUSTION PHYSICS
 COMBUSTION PRODUCTS
 DETONATION WAVES
 DUMP COMBUSTORS
 FLAME PROPAGATION
 FUEL FLOW
 TURBULENT COMBUSTION
 TURBULENT FLOW

COMBUSTION

UF BURNING
 BURNING PROCESS
GS **COMBUSTION**
 . . . AFTERBURNING
 . . . BOUNDARY LAYER COMBUSTION
 . . . DEFLAGRATION
 . . . EROSION BURNING
 . . . FUEL COMBUSTION
 . . . NUCLEAR FUEL BURNUP
 . . . HYDROCARBON COMBUSTION
 . . . HYPERSONIC COMBUSTION
 . . . METAL COMBUSTION
 . . . PROPELLANT COMBUSTION
 . . . SOLID PROPELLANT COMBUSTION
 . . . SOLID PROPELLANT IGNITION
 . . . SPONTANEOUS COMBUSTION
 . . . SUPERSONIC COMBUSTION
 . . . TURBULENT COMBUSTION
RT BACKFIRE
 BURNING RATE
 BURNING TIME
 BURNOUT
 CHARRING
 CHEMICAL EXPLOSIONS
 COMBUSTION CHAMBERS
 COMBUSTION CHEMISTRY
 COMBUSTION CONTROL
 COMBUSTION EFFICIENCY
 COMBUSTION PHYSICS
 COMBUSTION PRODUCTS
 COMBUSTION STABILITY
 COMBUSTION SYNTHESIS
 COMBUSTION TEMPERATURE
 COMBUSTION VIBRATION
 DETONATION
 DIFFUSION FLAMES
 EXOTHERMIC REACTIONS
 EXPLOSIONS
 EXTINGUISHING
 FIRE DAMAGE
 FIREBREAKS
 FIRES
 FLAME PROPAGATION
 FLAMEOUT
 FLAMES
 FLAMMABILITY
 FLASHBACK
 FOREST FIRES
 HEAT BALANCE
 HEAT GENERATION
 IGNITION
 IGNITION LIMITS
 INCENDIARY AMMUNITION
 INTERNAL COMBUSTION ENGINES
 OXIDATION
 ∞ PHYSICS
 QUENCHING (COOLING)
 SPARK IGNITION
 SUPERSONIC COMBUSTION RAMJET
 ENGINES

RT

COMBUSTION CHAMBERS

UF COMBUSTORS
GS **COMBUSTION CHAMBERS**
 . . . DUMP COMBUSTORS
RT BURNERS
 ∞ CHAMBERS
 COMBUSTION
 ENGINE PARTS

COMBUSTION CHAMBERS--(cont.)

ENGINES
FLAME HOLDERS
FLAMEOUT
FURNACES
INTERNAL COMBUSTION ENGINES
JET ENGINES
PISTONS
REFRACTORIES
SPARK PLUGS
THRUST CHAMBERS

COMBUSTION CHEMISTRY

GS THERMOCHEMISTRY
 COMBUSTION CHEMISTRY
RT CHEMICAL ENGINEERING
 CHEMICAL REACTIONS
 ∞ CHEMISTRY
 COMBUSTION
 COMBUSTION PHYSICS
 COMBUSTION PRODUCTS
 COMBUSTION STABILITY
 COMBUSTION SYNTHESIS
 EXOTHERMIC REACTIONS
 FLAME TEMPERATURE
 OXIDATION
 REACTING FLOW
 REACTION KINETICS

COMBUSTION CONTROL

RT AUTOMATIC CONTROL
 BURNING RATE
 COMBUSTION
 ∞ CONTROL
 ENGINE CONTROL
 FUEL CONTROL
 ∞ REACTION CONTROL
 TEMPERATURE CONTROL

COMBUSTION EFFICIENCY

GS EFFICIENCY
 COMBUSTION EFFICIENCY
RT ACEE PROGRAM
 BURNING RATE
 BURNING TIME
 DUMP COMBUSTORS
 EXHAUST GASES
 FUEL COMBUSTION
 FUEL CONSUMPTION
 FUEL-AIR RATIO
 POWER EFFICIENCY
 PROPELLANT COMBUSTION
 PROPULSION SYSTEM PERFORMANCE
 PROPULSIVE EFFICIENCY
 THERMODYNAMIC EFFICIENCY

COMBUSTION HEAT

USE HEAT OF COMBUSTION

COMBUSTION INSTABILITY

USE COMBUSTION STABILITY

COMBUSTION PHYSICS

GS THERMODYNAMICS
 COMBUSTION PHYSICS
RT AEROTHERMODYNAMICS
 COMBUSTIBLE FLOW
 COMBUSTION CHEMISTRY
 COMBUSTION STABILITY
 DAMKOHLER NUMBER
 FLAME PROPAGATION
 HEAT OF COMBUSTION
 IGNITION
 ∞ PHYSICS
 PLASMAS (PHYSICS)
 ∞ SCIENCE
 THERMOCHEMISTRY
 TURBULENT COMBUSTION

COMBUSTION PRODUCTS

RT AIR POLLUTION
 ASHES
 COMBUSTIBLE FLOW
 COMBUSTION CHEMISTRY
 DILUENTS
 DUST
 EXHAUST GASES
 FIBER RELEASE
 FLUE GASES
 FLY ASH
 HIGH TEMPERATURE GASES
 ODORS
 PARTICULATES
 POLLUTION TRANSPORT
 PRODUCTS

COMBUSTION PRODUCTS--(cont.)

REACTION PRODUCTS
ROCKET EXHAUST
SMOG
SMOKE
SOOT
VAPORS
WASTES

COMBUSTION STABILITY

UF ACOUSTIC COMBUSTION
CHUGGING
COMBUSTION INSTABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
STABILITY
DYNAMIC STABILITY
COMBUSTION STABILITY
FLAME STABILITY
RT AXIAL MODES
BURNING RATE
COMBUSTION CHEMISTRY
FUEL COMBUSTION
MOTION STABILITY
PRESSURE OSCILLATIONS
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
THERMAL INSTABILITY
TURBULENT COMBUSTION
VELOCITY COUPLING

COMBUSTION SYNTHESIS

RT ANNEALING
CERMETS
COMBUSTION
COMBUSTION CHEMISTRY
EXOTHERMIC REACTIONS
FUNCTIONALLY GRADIENT MATERIALS
POWDER METALLURGY
SINTERING

COMBUSTION TEMPERATURE

GS TEMPERATURE
COMBUSTION TEMPERATURE
RT EROSION BURNING
FLAME TEMPERATURE
FLASH POINT
IGNITION TEMPERATURE
OPERATING TEMPERATURE
SPONTANEOUS COMBUSTION

COMBUSTION VIBRATION

GS VIBRATION
COMBUSTION VIBRATION
RT COMBUSTION
ELASTIC WAVES
STRUCTURAL STABILITY

COMBUSTION WAVES

USE FLAME PROPAGATION

COMBUSTION WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
COMBUSTION WIND TUNNELS
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS

COMBUSTORS

USE COMBUSTION CHAMBERS

COMET HEADS

GS CELESTIAL BODIES
COMET HEADS
RT COMA
COMETARY ATMOSPHERES
SOLAR SYSTEM

COMET NUCLEI

GS CELESTIAL BODIES
COMET NUCLEI
RT COMA
COMETARY ATMOSPHERES
OORT CLOUD
SOLAR SYSTEM

COMET RENDEZVOUS ASTEROID FLYBY MISSION

UF CRAFT MISSION
GS SPACE MISSIONS
FLYBY MISSIONS
ASTEROID MISSIONS

COMET RENDEZVOUS ASTEROID FLYBY--(cont.)**COMET RENDEZVOUS ASTEROID FLYBY MISSION**

RT MARINER MARK 2 SPACECRAFT
MISSIONS
NASA SPACE PROGRAMS

COMET TAILS

GS CELESTIAL BODIES
COMET TAILS
RT COMA
COMETARY ATMOSPHERES
GRIGG-SKJELLERUP COMET
RADIATION PRESSURE
SOLAR SYSTEM
SOLAR WIND

COMET 4 AIRCRAFT

UF DE HAVILLAND DH 106 AIRCRAFT
DH 106 AIRCRAFT
GS COMMERCIAL AIRCRAFT
COMET 4 AIRCRAFT
DE HAVILLAND AIRCRAFT
COMET 4 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
COMET 4 AIRCRAFT
JET AIRCRAFT
COMET 4 AIRCRAFT
MONOPLANES
COMET 4 AIRCRAFT
PASSENGER AIRCRAFT
COMET 4 AIRCRAFT
RT AIRCRAFT

COMETARY ATMOSPHERES

RT ASTRONOMICAL PHOTOMETRY
ATMOSPHERES
COMA
COMET HEADS
COMET NUCLEI
COMET TAILS
COMETARY MAGNETOSPHERES
COMETS
IONOPAUSE

COMETARY MAGNETOSPHERES

RT COMETARY ATMOSPHERES
COMETS
MAGNETOSPHERES

COMETS

GS CELESTIAL BODIES
COMETS
AREND-ROLAND COMET
AUSTIN COMET
BRORSEN-METCALF COMET
ENCKE COMET
GIACOBINI-ZINNER COMET
GRIGG-SKJELLERUP COMET
HALLEY'S COMET
HUMASON COMET
IRAS-ARAKI-ALCOCK COMET
KOHOUTEK COMET
MOREHOUSE COMET
MRKOS COMET
OKAZAKI-LEVY-RUDENKO COMET
SCHWASSMANN-WACHMANN COMET
TEMPEL 2 COMET
WEST COMET
RT BESSEL-BREDICHIN THEORY
COMA
COMETARY ATMOSPHERES
COMETARY MAGNETOSPHERES
METEOROID SHOWERS
METEORIDS
OORT CLOUD
SOLAR SYSTEM

COMFORT

RT ACOUSTICS
AIR CONDITIONING
EFFICIENCY
ENVIRONMENTAL ENGINEERING
GLARE
HUMAN FACTORS ENGINEERING
HUMIDITY
ILLUMINATING
PERFORMANCE
PHYSIOLOGICAL EFFECTS
PSYCHOLOGICAL EFFECTS
REWARD (PSYCHOLOGY)
RIDING QUALITY
SEATS
TEMPERATURE
VENTILATION

COMMAND AND CONTROL

UF COMMAND-CONTROL
RT AUTOMATION
AUTONOMY
AWACS AIRCRAFT
COMMANDS
CONTROL
DECISION MAKING
E-2 AIRCRAFT
E-3A AIRCRAFT
E-4A AIRCRAFT
GROUND SUPPORT EQUIPMENT
LOGISTICS
MANAGEMENT
SURVEILLANCE
TARGETS

COMMAND GUIDANCE

UF COMMAND SYSTEMS
GS GUIDANCE (MOTION)
COMMAND GUIDANCE
RT COMMANDS
GROUND SUPPORT EQUIPMENT
INJECTION GUIDANCE
MIDCOURSE GUIDANCE
RENDEZVOUS GUIDANCE
RENDEZVOUS SPACECRAFT
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE

COMMAND LANGUAGES

GS LANGUAGES
COMMAND LANGUAGES
QUERY LANGUAGES
RT INFORMATION RETRIEVAL
MAN-COMPUTER INTERFACE

COMMAND MODULES

GS COMPARTMENTS
COMMAND MODULES
MODULES
SPACECRAFT MODULES
COMMAND MODULES
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
COMMAND MODULES
RT APOLLO SPACECRAFT
COMMANDS
MARQUARDT R4D ENGINE
SERVICE MODULES
SPACECRAFT DOCKING MODULES
SPACECREW TRANSFER

COMMAND SERVICE MODULES

UF CSM
GS MODULES
SPACECRAFT MODULES
COMMAND SERVICE MODULES
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
COMMAND SERVICE MODULES
RT APOLLO PROJECT
LUNAR ORBITS
MANNED SPACECRAFT
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING MODULES

COMMAND SYSTEMS

USE COMMAND GUIDANCE

COMMAND-CONTROL

USE COMMAND AND CONTROL

COMMANDO AIRCRAFT

USE C-46 AIRCRAFT

COMMANDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AUTONOMY
COMMAND AND CONTROL
COMMAND GUIDANCE
COMMAND MODULES
DECISIONS

COMMERCE

RT COMMERCIAL SPACECRAFT
CONSUMPTION
COSTS
ECONOMIC DEVELOPMENT

COMMERCE--(cont.)

FINANCE
GROSS NATIONAL PRODUCT
INDUSTRIAL AREAS
INDUSTRIES
∞ INVESTMENT
LIABILITIES
LOSSES
MANUFACTURING
MARKET RESEARCH
MARKETING
PERT
PRODUCT DEVELOPMENT
PROJECT MANAGEMENT
RISK
SUPPLYING

COMMERCE LAB

RT GOVERNMENT/INDUSTRY RELATIONS
∞ MICROGRAVITY APPLICATIONS
MISSION PLANNING
SPACE COMMERCIALIZATION
SPACE SHUTTLE PAYLOADS
USER REQUIREMENTS

COMMERCIAL AIRCRAFT

UF COMMERCIAL AVIATION
GS **COMMERCIAL AIRCRAFT**
. BOEING 707 AIRCRAFT
. BOEING 720 AIRCRAFT
. BOEING 727 AIRCRAFT
. BOEING 733 AIRCRAFT
. BOEING 737 AIRCRAFT
. BOEING 747 AIRCRAFT
. BOEING 757 AIRCRAFT
. BOEING 767 AIRCRAFT
. COMET 4 AIRCRAFT
. CV-340 AIRCRAFT
. CV-440 AIRCRAFT
. CV-880 AIRCRAFT
. CV-990 AIRCRAFT
. DC 3 AIRCRAFT
. DC 7 AIRCRAFT
. DC 8 AIRCRAFT
. DC 9 AIRCRAFT
. DC 10 AIRCRAFT
. DH 121 AIRCRAFT
. ELECTRA AIRCRAFT
. EUROPEAN AIRBUS
. A-300 AIRCRAFT
. A-310 AIRCRAFT
. A-320 AIRCRAFT
. F-28 TRANSPORT AIRCRAFT
. IL-62 AIRCRAFT
. JETSTREAM AIRCRAFT
. L-1011 AIRCRAFT
. LEAR JET AIRCRAFT
. LIGHT TRANSPORT AIRCRAFT
. P-160 AIRCRAFT
. SE-210 AIRCRAFT
. SUPERSONIC COMMERCIAL AIR
TRANSPORT
. BOEING 2707 AIRCRAFT
. TU-144 AIRCRAFT
. TU-104 AIRCRAFT
. TU-124 AIRCRAFT
. TU-134 AIRCRAFT
. TU-154 AIRCRAFT
. VC-10 AIRCRAFT
RT AIR TRANSPORTATION
∞ AIRCRAFT
AIRLINE OPERATIONS
CARGO AIRCRAFT
CIVIL AVIATION
COMMUTER AIRCRAFT
GENERAL AVIATION AIRCRAFT
GROUND EFFECT MACHINES
JET AIRCRAFT
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
SUPERSONIC TRANSPORTS
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

COMMERCIAL AVIATION

USE CIVIL AVIATION
COMMERCIAL AIRCRAFT

COMMERCIAL ENERGY

RT ALLOCATIONS
DISTRIBUTING
DOMESTIC ENERGY

COMMERCIAL ENERGY--(cont.)

ECONOMIC FACTORS
∞ ENERGY
ENERGY CONSUMPTION
ENERGY CONVERSION
INDUSTRIAL ENERGY
TRANSPORTATION ENERGY

COMMERCIAL SPACECRAFT

GS **COMMERCIAL SPACECRAFT**
. RCA SATCOM SATELLITES
RT AEROSPACE INDUSTRY
AEROSPACE VEHICLES
COMMERCE
COMMUNICATION SATELLITES
INDUSTRIES
SPACE COMMERCIALIZATION
SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING

COMMINUTION

UF ATTRITION (MATERIALS)
GS **COMMINUTION**
. CRUSHING
. GRINDING (COMMINUTION)
. SHREDDING
RT ATOMIZING
BENEFICIATION
CHIPPING
COLLOIDING
CRUSHERS
CUTTING
DISINTEGRATION
FLAKING
FRAGMENTATION
GAS ATOMIZATION
GRINDING MILLS
METAL POWDER
∞ MILLING
PARTICLE PRODUCTION
POWDER METALLURGY
∞ REDUCTION

COMMITTEE ON SPACE RESEARCH

UF COSPAR (COMMITTEE)
RT ∞ AEROSPACE SCIENCES
CONFERENCES
EUROPEAN SPACE PROGRAMS
INTERNATIONAL COOPERATION
NASA PROGRAMS
PROGRAMS

COMMODITIES

RT GOVERNMENT PROCUREMENT
MANUFACTURING
MARKET RESEARCH
PROCUREMENT MANAGEMENT
PRODUCTS

COMMON BUSINESS ORIENTED LANGUAGE

USE COBOL

COMMONALITY

GS STANDARDIZATION
. **COMMONALITY**
RT AIRCRAFT EQUIPMENT
COST REDUCTION
EFFICIENCY
EQUIPMENT SPECIFICATIONS
GROUND SUPPORT SYSTEMS
SPACECRAFT COMPONENTS
SPECIFICATIONS

COMMONWEALTH OF INDEPENDENT STATES

UF CIS
RT ASIA
EUROPE
NATIONS

COMMUNICATING

GS **COMMUNICATING**
. AIRCRAFT COMMUNICATION
. ELECTROSTATIC
COMMUNICATION
. GROUND-AIR-GROUND
COMMUNICATION
. INFORMATION DISSEMINATION
. MESSAGES
. SELECTIVE DISSEMINATION OF
INFORMATION
. INTERSTELLAR COMMUNICATION
. LIP READING
. POINT TO POINT COMMUNICATION
. NASCOM NETWORK

COMMUNICATING--(cont.)

. UNDERGROUND COMMUNICATION
. VERBAL COMMUNICATION
. CONVERSATION
RT COLOR TELEVISION
COMPUTER CONFERENCING
CROSSTALK
EDUCATION
FREQUENCY ASSIGNMENT
INFORMATION
INFORMATION FLOW
INFORMATION MANAGEMENT
MESSAGE PROCESSING
MORSE CODE
STEREOTELEVISION
SYSTEMS ENGINEERING
TDR SATELLITES
TECHNOLOGY TRANSFER
TELECOMMUNICATION

COMMUNICATION

GS TELECOMMUNICATION
. **COMMUNICATION**
. FACSIMILE COMMUNICATION
. LINE OF SIGHT COMMUNICATION
. OPTICAL COMMUNICATION
. SHIP TO SHORE COMMUNICATION
. UNDERWATER COMMUNICATION
RT COMPUTER CONFERENCING
INFORMATION
INFORMATION FLOW
INFORMATION MANAGEMENT
MARISAT SATELLITES
MESSAGE PROCESSING
SPREAD SPECTRUM TRANSMISSION
TECHNOLOGY TRANSFER

COMMUNICATION CABLES

GS TRANSMISSION LINES
. **COMMUNICATION CABLES**
. COAXIAL CABLES
RT CABLE TELEVISION
∞ CABLES
ELECTRIC WIRE
OPTICAL FIBERS
SUBMARINE CABLES
WAVEGUIDES

COMMUNICATION EQUIPMENT

GS **COMMUNICATION EQUIPMENT**
. ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
. CLOSED CIRCUIT TELEVISION
. DIPLEXERS
. INTERPHONES
. PLAT SYSTEM
. RADIO RECEIVERS
. SUPERHETERODYNE RECEIVERS
. TRANSMITTER RECEIVERS
. WHISTLER RECORDERS
. SPACECRAFT TELEVISION
. DIGITAL SPACECRAFT TELEVISION
. RANGER BLOCK 3 TELEVISION
SYSTEM
. SATELLITE TELEVISION
. STEREOTELEVISION
RT ANTENNA COMPONENTS
BIOTELEMETRY
COLOR TELEVISION
EARTH TERMINALS
EDUCATIONAL TELEVISION
∞ EQUIPMENT
FURLABLE ANTENNAS
HIGH DEFINITION TELEVISION
INERTIALESS STEERABLE ANTENNAS
INFORMATION ADAPTIVE SYSTEM
LOGARITHMIC RECEIVERS
MATCHED FILTERS
ORBITING DIPOLES
P.A.C.M. TELEMETRY
PULSE FREQUENCY MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
RADIO COMMUNICATION
RADIO EQUIPMENT
RADIO RELAY SYSTEMS
RADIO TELEGRAPHY
RADIO TELEMETRY
SPHERICAL ANTENNAS
TELEMETRY
TELEPHONY
TELEVISION SYSTEMS
UNIFIED S BAND

COMMUNICATION NETWORKS

GS **COMMUNICATION NETWORKS**
 . ALOHA SYSTEM
 . DEEP SPACE NETWORK
 . LOCAL AREA NETWORKS
 . NASCOM NETWORK
 . VSAT (NETWORK)
 RT ACCESS CONTROL
 BROADCASTING
 DATA LINKS
 DEFENSE COMMUNICATIONS SYSTEM (DCS)
 DEMAND ASSIGNMENT MULTIPLE ACCESS
 ELECTRONIC BULLETIN BOARDS
 ELECTRONIC MAIL
 FREQUENCY DIVISION MULTIPLEXING
 NETWORK CONTROL
 PACKET SWITCHING
 PACKETS (COMMUNICATION)
 PROTOCOL (COMPUTERS)
 PULSE COMMUNICATION
 RADIO COMMUNICATION
 SATELLITE NETWORKS
 TELECOMMUNICATION

COMMUNICATION SATELLITES

GS **ARTIFICIAL SATELLITES**
 . **COMMUNICATION SATELLITES**
 . . ACTS
 . . AERONAUTICAL SATELLITES
 . . AEROSAT SATELLITES
 . . ARCOMSAT
 . . COMMUNICATIONS TECHNOLOGY SATELLITE
 . . . COMSTAR C
 . . . NATO 3B SATELLITE
 . . COMSTAR SATELLITES
 . . DIRECT BROADCAST SATELLITES
 . . EUROPEAN COMMUNICATIONS SATELLITE
 . . INTELSAT SATELLITES
 . . L-SAT
 . . LOW FREQUENCY TRANSIONOSPHERIC SATELLITES
 . . MARECS MARITIME SATELLITES
 . . MAROTS (ESA)
 . . MOLNIYA SATELLITES
 . . MSAT
 . . PALAPA SATELLITES
 . . . PALAPA 2 SATELLITE
 . . RADUGA SATELLITE
 . . RCA SATCOM SATELLITES
 . . RELAY SATELLITES
 . . . RELAY 1 SATELLITE
 . . . RELAY 2 SATELLITE
 . . SYMPHONIE SATELLITES
 . . SYNCOM SATELLITES
 . . . EARLY BIRD SATELLITES
 . . . SYNCOM 1 SATELLITE
 . . . SYNCOM 2 SATELLITE
 . . . SYNCOM 3 SATELLITE
 . . . SYNCOM 4 SATELLITE
 . . WESTAR SATELLITES
 RT ADVENT PROJECT
 ATS
 CARRIER TO NOISE RATIOS
 COMMERCIAL SPACECRAFT
 COMSAT PROGRAM
 DEFENSE COMMUNICATIONS SATELLITE SYSTEM
 DEMAND ASSIGNMENT MULTIPLE ACCESS
 DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
 DOWNLINKING
 EARTH TERMINAL MEASUREMENT SYSTEM
 ECHO PROJECT
 ELECTRONIC MAIL
 FLEET SATELLITE COMMUNICATION SYSTEM
 GEOPHYSICAL SATELLITES
 GROUND-AIR-GROUND COMMUNICATION
 HET EXPERIMENT
 INDIAN SPACE PROGRAM
 LAND MOBILE SATELLITE SERVICE
 MOBILE COMMUNICATION SYSTEMS
 NETWORK CONTROL
 ORBIT SPECTRUM UTILIZATION
 PASSIVE SATELLITES
 RADIO RELAY SYSTEMS
 SATELLITE COMMUNICATION
 SATELLITE NETWORKS
 SKYNET SATELLITES
 SPACE COMMERCIALIZATION

COMMUNICATION SATELLITES--(cont.)

SPACE COMMUNICATION
 SYNCHRONOUS COMMUNICATIONS
 . SATELLITE PROJ
 SYNCHRONOUS METEOROLOGICAL SATELLITE
 SYNCHRONOUS PLATFORMS
 SYNCHRONOUS SATELLITES
 TELECOMMUNICATION
 TELECONFERENCING
 TELSTAR PROJECT
 UNMANNED SPACECRAFT
 UPLINKING
 WIRELESS COMMUNICATION

COMMUNICATION SYSTEMS

USE TELECOMMUNICATION

COMMUNICATION THEORY

UF STATISTICAL COMMUNICATION THEORY
 GS **COMMUNICATION THEORY**
 . WORDS (LANGUAGE)
 . . SYLLABLES
 RT CROSS COUPLING
 CYBERNETICS
 DATA TRANSMISSION
 HIGH LEVEL LANGUAGES
 INFORMATION THEORY
 INTELLIGIBILITY
 LANGUAGES
 LATTICES (MATHEMATICS)
 MESSAGES
 NETWORK SYNTHESIS
 RANDOM NOISE
 RANDOM PROCESSES
 REDUNDANCY
 SEMANTICS
 SENTENCES
 SIGNAL TO NOISE RATIOS
 SWITCHING THEORY
 ∞ THEORIES

COMMUNICATIONS TECHNOLOGY SATELLITE

UF HERMES SATELLITE
 GS **ARTIFICIAL SATELLITES**
 . COMMUNICATION SATELLITES
 . . **COMMUNICATIONS TECHNOLOGY SATELLITE**
 . . . COMSTAR C
 . . . NATO 3B SATELLITE
 RT CANADA
 CANADIAN SPACE PROGRAM
 INTERNATIONAL COOPERATION
 NASA PROGRAMS
 SYNCHRONOUS SATELLITES
 TECHNOLOGY ASSESSMENT
 TECHNOLOGY UTILIZATION

COMMUNITIES

GS **COMMUNITIES**
 . INHABITANTS
 . . MOUNTAIN INHABITANTS
 RT CITIES
 DEMOGRAPHY
 ETHNIC FACTORS
 INTEGRATED ENERGY SYSTEMS
 MEGALOPOLISES
 MINORITIES
 MODULAR INTEGRATED UTILITY SYSTEM
 NATIONS
 POLICE
 POLITICS
 REGIMES
 SOCIOLOGY
 STARSITE PROGRAM
 UNITED NATIONS
 URBAN DEVELOPMENT
 URBAN PLANNING
 URBAN RESEARCH

COMMUTATION

RT COMMUTATORS
 INTERPOLATION
 SWITCHING THEORY

COMMUTATORS

GS **COMMUTATORS**
 . DECOMMUTATORS
 RT ARMATURES
 COMMUTATION
 DISTRIBUTORS
 ELECTRIC CONTACTS
 ELECTRIC MOTORS
 ∞ ROTATING ELECTRICAL MACHINES
 ROTATING GENERATORS

COMMUTER AIRCRAFT

GS PASSENGER AIRCRAFT
 . **COMMUTER AIRCRAFT**
 RT AIR TRANSPORTATION
 ∞ AIRCRAFT
 COMMERCIAL AIRCRAFT
 GENERAL AVIATION AIRCRAFT

COMPACT DISK READ-ONLY MEMORY DEVICES

USE OPTICAL DISKS

COMPACT GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . **COMPACT GALAXIES**
 RT GALACTIC STRUCTURE

COMPACTING

RT AGGLOMERATION
 COLD PRESSING
 DENSIFICATION
 HOT ISOSTATIC PRESSING
 HOT PRESSING
 POWDER METALLURGY
 PRESSES
 ∞ PRESSING
 ∞ PRESSING (FORMING)
 VIBRATION

COMPACTNESS

USE VOID RATIO

COMPANDING

RT FREQUENCY MODULATION
 MODULATION
 RADIO TRANSMISSION
 SIGNAL PROCESSING
 SIGNAL TO NOISE RATIOS

COMPANION STARS

GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . BINARY STARS
 **COMPANION STARS**
 NEMESIS (STAR)
 RT BROWN DWARF STARS
 PARALLAX
 STELLAR MOTIONS
 TRIPLE STARS
 VARIABLE STARS
 VISUAL OBSERVATION
 X RAY BINARIES

COMPARATOR CIRCUITS

GS CIRCUITS
 . **COMPARATOR CIRCUITS**
 RT CLIPPER CIRCUITS
 DELAY CIRCUITS
 DISCRIMINATION
 TIME DISCRIMINATION

COMPARATORS

GS MEASURING INSTRUMENTS
 . **COMPARATORS**
 RT DISCRIMINATORS
 ERROR SIGNALS
 HARMONIC GENERATORS
 MONOCHROMATORS
 REFLECTOMETERS

COMPARISON

RT ANALOGIES
 COST ANALYSIS
 ECONOMIC ANALYSIS
 ESTIMATES
 EVALUATION
 EXAMINATION
 MATCHING
 PATTERN REGISTRATION
 RANKING

COMPARTMENTATION

USE COMPARTMENTS

COMPARTMENTS

UF COMPARTMENTATION
 GS **COMPARTMENTS**
 . AIR LOCKS
 . AIRCRAFT COMPARTMENTS
 . COMMAND MODULES
 . PRESSURIZED CABINS
 . SPACECRAFT CABINS
 . TEST CHAMBERS

COMPARTMENTS--(cont.)

RT . . . ANECHOIC CHAMBERS
 . . . PRESSURE CHAMBERS
 . . . HYPERBARIC CHAMBERS
 . . . VACUUM CHAMBERS
 . . . REVERBERATION CHAMBERS
 BAYS (STRUCTURAL UNITS)
 ∞ CELLS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW WORKSTATIONS
 ENCLOSURES
 MODULES
 ROOMS
 SPACECRAFT MODULES

COMPASS (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . . . PROGRAMMING LANGUAGES
 . . . ASSEMBLY LANGUAGE
 . . . **COMPASS (PROGRAMMING LANGUAGE)**
 RT COMPILERS
 COMPUTER PROGRAMMING

COMPASSES

GS MEASURING INSTRUMENTS
 . . . INDICATING INSTRUMENTS
 . . . **COMPASSES**
 . . . GYROCOMPASSES
 . . . MAGNETIC COMPASSES
 . . . SOLAR COMPASSES
 NAVIGATION AIDS
 . . . NAVIGATION INSTRUMENTS
 . . . **COMPASSES**
 . . . GYROCOMPASSES
 . . . MAGNETIC COMPASSES
 . . . SOLAR COMPASSES
 RT AIRCRAFT INSTRUMENTS
 BEACONS
 BUOYS
 FLIGHT INSTRUMENTS
 RADAR BEACONS
 RADIO DIRECTION FINDERS
 TRANSITS

COMPATIBILITY

GS **COMPATIBILITY**
 . . . BIOCOMPATIBILITY
 . . . ELECTROMAGNETIC COMPATIBILITY
 . . . SYSTEMS COMPATIBILITY
 RT ACCEPTABILITY
 AFFINITY
 CONVENTIONS
 PERMISSIVITY
 STABILITY
 SUITABILITY
 VERSATILITY

∞ COMPENSATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ALLOWANCES
 ERRORS
 IMAGE MOTION COMPENSATION
 INSTRUMENT COMPENSATION
 TEMPERATURE COMPENSATION
 TRANSIENT RESPONSE

COMPENSATORS

RT BALANCE
 BIAS
 COMPULSATORS
 ERROR SIGNALS
 FEEDBACK
 LOOP TRANSFER RECOVERY
 VIDEO EQUIPMENT

COMPENSATORY TRACKING

GS TRACKING (POSITION)
 . . . **COMPENSATORY TRACKING**
 RT INFRARED TRACKING
 OPTICAL TRACKING
 RADAR TRACKING

COMPETITION

RT ATHLETES
 HUMAN PERFORMANCE
 HUMAN REACTIONS
 PHYSICAL FITNESS

COMPILE (COMPUTERS)

USE COMPILERS

COMPILER PROGRAMS

USE COMPILERS

COMPILERS

SN (PROGRAM-MAKING ROUTINES FOR DIGITAL COMPUTERS)
 UF COMPILATION (COMPUTERS)
 COMPILER PROGRAMS
 COMPUTER PROGRAMS
 . **COMPILERS**
 RT ASSEMBLER ROUTINES
 AUTOCODERS
 C (PROGRAMMING LANGUAGE)
 COLLATING
 COMPASS (PROGRAMMING LANGUAGE)
 COMPUTER PROGRAM INTEGRITY
 COMPUTER SYSTEMS PROGRAMS
 DATA CONVERSION ROUTINES
 DISK OPERATING SYSTEM (DOS)
 FORTRAN
 OPERATING SYSTEMS (COMPUTERS)
 PARSING ALGORITHMS
 PASCAL (PROGRAMMING LANGUAGE)
 PL/1
 PROGRAMMED INSTRUCTION
 SUBROUTINES

∞ COMPLEMENT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COMPLEMENT (BIOLOGY)
 COMPLEMENTS (MATHEMATICS)
 PERSONNEL

COMPLEMENT (BIOLOGY)

RT ∞ BIOLOGY
 ∞ COMPLEMENT
 HEMOLYSIS

COMPLEMENTARY METAL OXIDE**SEMICONDUCTORS**

USE CMOS

COMPLEMENTS (MATHEMATICS)

RT ANGLES (GEOMETRY)
 ∞ COMPLEMENT
 ∞ LOGIC

COMPLETENESS

RT ACHIEVEMENT
 COMPUTER PROGRAM INTEGRITY
 INTEGRITY

COMPLEX COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
 MOLECULAR STRUCTURE
 TRANSITION METALS

COMPLEX NUMBERS

RT GEOMETRY
 INTEGERS
 ∞ NUMBERS
 REAL NUMBERS

COMPLEX SYSTEMS

RT PARAMETER IDENTIFICATION
 RELIABILITY ENGINEERING
 SYSTEM IDENTIFICATION
 ∞ SYSTEMS
 SYSTEMS ANALYSIS

COMPLEX VARIABLES

GS ANALYSIS (MATHEMATICS)
 . **COMPLEX VARIABLES**
 . . . AIRY FUNCTION
 . . . ANALYTIC FUNCTIONS
 . . . ENTIRE FUNCTIONS
 . . . BESSEL FUNCTIONS
 . . . HANKEL FUNCTIONS
 . . . CAUCHY INTEGRAL FORMULA
 . . . CONFORMAL MAPPING
 . . . CONJUGATES
 . . . CONJUGATE POINTS
 . . . EXPONENTIAL FUNCTIONS
 . . . LOGARITHMS
 . . . GAMMA FUNCTION
 . . . HARMONIC FUNCTIONS
 . . . HYPERBOLIC FUNCTIONS
 . . . HYPERGEOMETRIC FUNCTIONS
 . . . LAGUERRE FUNCTIONS
 . . . LEGENDRE FUNCTIONS
 . . . LIOUVILLE THEOREM
 . . . MATHIEU FUNCTION

COMPLEX VARIABLES--(cont.)

. . . MEROMORPHIC FUNCTIONS
 . . . ELLIPTIC FUNCTIONS
 . . . RATIONAL FUNCTIONS
 . . . NONHOLONOMIC EQUATIONS
 . . . ORTHOGONAL FUNCTIONS
 . . . SCHWARZ-CHRISTOFFEL TRANSFORMATION
 . . . SINGULARITY (MATHEMATICS)
 . . . NAKED SINGULARITIES
 . . . SPHERICAL HARMONICS
 RT APERIODIC FUNCTIONS
 COMPLEXITY
 DEPENDENT VARIABLES
 EULER-CAUCHY EQUATIONS
 FUNCTIONAL ANALYSIS
 JOUKOWSKI TRANSFORMATION
 MAXIMUM PRINCIPLE
 REAL VARIABLES
 SCHAUDER FIXPOINT THEOREM
 STABILITY DERIVATIVES
 THEODORSEN TRANSFORMATION
 UNIQUENESS THEOREM
 ∞ VARIABLE

COMPLEXITY

UF COMPLICATION
 GS **COMPLEXITY**
 . . . TASK COMPLEXITY
 RT COMPLEX VARIABLES
 FEEDBACK
 ∞ PERFORMANCE
 STATISTICAL DISTRIBUTIONS

COMPLIANCE (ELASTICITY)

USE MODULUS OF ELASTICITY

COMPLICATION

USE COMPLEXITY

COMPONENT RELIABILITY

GS RELIABILITY
 . **COMPONENT RELIABILITY**
 RT AIRCRAFT RELIABILITY
 CIRCUIT RELIABILITY
 CUMULATIVE DAMAGE
 PROCESS CONTROL (INDUSTRY)
 QUALITY CONTROL
 RETIREMENT FOR CAUSE
 SPACECRAFT RELIABILITY
 STRUCTURAL RELIABILITY

∞ COMPONENTS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF PARTS
 RT ACCESSORIES
 ANTENNA COMPONENTS
 ASSEMBLIES
 COMPUTER COMPONENTS
 CONTENT
 ENGINE PARTS
 FRACTIONS
 INGREDIENTS
 MISSILE COMPONENTS
 MODULES
 REDUNDANT COMPONENTS
 SEGMENTS
 SPACECRAFT COMPONENTS
 SPARE PARTS
 STRUCTURAL MEMBERS
 SUBASSEMBLIES

COMPOSITE FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . . . REAL VARIABLES
 . . . **COMPOSITE FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **COMPOSITE FUNCTIONS**

COMPOSITE MATERIALS

UF COMPOSITES
 PYROGRAPHALLOY
 GS **COMPOSITE MATERIALS**
 . . . BORON REINFORCED MATERIALS
 . . . ALUMINUM BORON COMPOSITES
 . . . BORON-EPOXY COMPOSITES
 . . . CARBON-CARBON COMPOSITES
 . . . CERAMIC MATRIX COMPOSITES
 . . . CERMETS
 . . . COMPOSITE PROPELLANTS
 . . . FIBER COMPOSITES
 . . . ARAMID FIBER COMPOSITES
 . . . BRAIDED COMPOSITES

COMPOSITE MATERIALS--(cont.)

.. CARBON FIBER REINFORCED PLASTICS
 .. CARBON-PHENOLIC COMPOSITES
 .. GLASS FIBER REINFORCED PLASTICS
 .. WOVEN COMPOSITES
 .. FUNCTIONALLY GRADIENT MATERIALS
 .. GLASSY CARBON
 .. HYBRID COMPOSITES
 .. LAMINATES
 .. BORAL
 .. PLYWOOD
 .. METAL MATRIX COMPOSITES
 .. ALUMINUM BORON COMPOSITES
 .. ALUMINUM GRAPHITE COMPOSITES
 .. BORSIC (TRADENAME)
 .. EUTECTIC COMPOSITES
 .. PARTICULATE REINFORCED COMPOSITES
 .. POLYMER MATRIX COMPOSITES
 .. EPOXY MATRIX COMPOSITES
 .. BORON-EPOXY COMPOSITES
 .. GRAPHITE-POLYIMIDE COMPOSITES
 .. REINFORCED PLASTICS
 .. CARBON FIBER REINFORCED PLASTICS
 .. GLASS FIBER REINFORCED PLASTICS
 .. MICARTA
 .. RESIN MATRIX COMPOSITES
 .. BORON-EPOXY COMPOSITES
 .. CARBON-PHENOLIC COMPOSITES
 .. GRAPHITE-EPOXY COMPOSITES
 .. SUPERHYBRID MATERIALS
 .. GRAPHITE-EPOXY COMPOSITES
 .. THREE DIMENSIONAL COMPOSITES
 .. WHISKER COMPOSITES
 RT AIRCRAFT CONSTRUCTION MATERIALS
 AIRFRAME MATERIALS
 ARAMID FIBERS
 BIMETALS
 BORON FIBERS
 CARBON FIBERS
 CHEMICAL VAPOR INFILTRATION
 CLADDING
 COATINGS
 ∞ CONSTRUCTION MATERIALS
 E GLASS
 FIBER ORIENTATION
 FIBER RELEASE
 FIBER VOLUME FRACTION
 FIBERS
 INSULATION
 INTERLAMINAR STRESS
 LAY-UP
 LOW DENSITY RESEARCH
 ∞ MATERIALS
 ∞ MATRICES
 MATRIX MATERIALS
 METALS
 MICROMECHANICS
 MIXTURES
 MODULAR RATIOS
 MONOTECTIC ALLOYS
 MULTILAYER INSULATION
 PLY ORIENTATION
 POWDER METALLURGY
 PREFORMS
 PREPREGS
 REINFORCEMENT (STRUCTURES)
 REINFORCING FIBERS
 REINFORCING MATERIALS
 RESIN TRANSFER MOLDING
 RIGID STRUCTURES
 ∞ ROVINGS
 S GLASS
 SANDWICH STRUCTURES
 SHEET MOLDING COMPOUNDS
 SOLID SUSPENSIONS
 SPIRAL WRAPPING
 THERMOSETTING RESINS

COMPOSITE PROPELLANTS

GS COMPOSITE MATERIALS
 .. COMPOSITE PROPELLANTS
 PROPELLANTS
 .. SOLID PROPELLANTS
 .. COMPOSITE PROPELLANTS
 RT CASE BONDED PROPELLANTS
 DOUBLE BASE PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 EXPLOSIVES
 FUEL PRODUCTION
 PLASTIC PROPELLANTS
 PLASTISOLS
 POLYSULFIDES

COMPOSITE PROPELLANTS--(cont.)

POLYURETHANE RESINS
 PROPELLANT ADDITIVES
 PROPELLANT BINDERS
 SOLID ROCKET PROPELLANTS

COMPOSITE STRUCTURES

GS COMPOSITE STRUCTURES
 .. LAMINATES
 .. BORAL
 .. PLYWOOD
 RT BORON-EPOXY COMPOSITES
 CERAMIC MATRIX COMPOSITES
 FUNCTIONALLY GRADIENT MATERIALS
 GLASS FIBER REINFORCED PLASTICS
 HONEYCOMB CORES
 HONEYCOMB STRUCTURES
 HYBRID STRUCTURES
 LAY-UP
 PULTRUSION
 SHEET MOLDING COMPOUNDS
 SMART STRUCTURES
 STEEL STRUCTURES
 ∞ STRUCTURES

COMPOSITE WRAPPING

RT CERAMIC FIBERS
 FIBER COMPOSITES
 FILAMENT WINDING
 ISOTENSOID STRUCTURES
 SPIRAL WRAPPING
 ∞ WRAP

COMPOSITES

USE COMPOSITE MATERIALS

COMPOSITION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COMPOSITION (PROPERTY)
 CONTENT
 FORMULATIONS
 INGREDIENTS
 STOICHIOMETRY

COMPOSITION (PROPERTY)

GS COMPOSITION (PROPERTY)
 .. ATMOSPHERIC COMPOSITION
 .. ATMOSPHERIC MOISTURE
 .. IONOSPHERIC COMPOSITION
 .. BODY COMPOSITION (BIOLOGY)
 .. CHEMICAL COMPOSITION
 .. CARBON DIOXIDE CONCENTRATION
 .. STELLAR COMPOSITION
 .. CONCENTRATION (COMPOSITION)
 .. ATOM CONCENTRATION
 .. CARBON DIOXIDE CONCENTRATION
 .. LOW CONCENTRATIONS
 .. MASCONS
 .. METEOROID CONCENTRATION
 .. MOISTURE CONTENT
 .. ATMOSPHERIC MOISTURE
 .. GAS COMPOSITION
 .. CARBON DIOXIDE CONCENTRATION
 .. LUNAR COMPOSITION
 .. METEORITIC COMPOSITION
 .. PLANETARY COMPOSITION
 .. PLASMA COMPOSITION
 RT ∞ COMPOSITION
 GRADIENTS
 HENRY LAW
 LUMPING
 MIXTURES
 RAOULT LAW
 SOLUTIONS
 STOICHIOMETRY

COMPOSTING

GS DISPOSAL
 .. WASTE DISPOSAL
 .. COMPOSTING
 RT GARBAGE
 METABOLIC WASTES
 SHREDDING
 SOLID WASTES
 WASTE TREATMENT
 WASTE UTILIZATION

COMPOUND A

GS HALOGEN COMPOUNDS
 .. FLUORINE COMPOUNDS
 .. FLUORIDES
 .. COMPOUND A
 RT ∞ CHEMICAL COMPOUNDS

COMPRESSIBLE BOUNDARY LAYER**COMPOUND HELICOPTERS**

GS V/STOL AIRCRAFT
 .. ROTARY WING AIRCRAFT
 .. HELICOPTERS
 .. COMPOUND HELICOPTERS
 RT AERONAUTICAL ENGINEERING
 AIR TRANSPORTATION
 ∞ AIRCRAFT
 AIRCRAFT CONFIGURATIONS
 AIRCRAFT DESIGN
 HELICOPTER DESIGN
 SHORT TAKEOFF AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

COMPOUNDING

UF MILLING (MIXING)
 GS MIXING
 .. COMPOUNDING
 RT COLLOIDING
 DISSOLVING
 GRINDING (COMMINUTION)
 HOMOGENIZING
 ∞ MILLING

COMPOUNDS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ∞ CHEMICAL COMPOUNDS
 POTTING COMPOUNDS

COMPRESSED AIR

GS GASES
 .. GAS MIXTURES
 .. AIR
 .. COMRESSED AIR
 MIXTURES
 .. SOLUTIONS
 .. GAS MIXTURES
 .. AIR
 .. COMRESSED AIR
 RT COMPRESSORS
 DRILLS
 ENERGY STORAGE
 MAN OPERATED PROPULSION SYSTEMS
 OXYGEN SUPPLY EQUIPMENT
 PNEUMATIC EQUIPMENT
 ∞ PUMPING

COMPRESSED GAS

GS GASES
 .. COMPRESSED GAS
 .. HIGH PRESSURE OXYGEN
 RT COMPRESSORS
 GAS PRESSURE
 PNEUMATIC CONTROL

COMPRESSED VIDEO

USE VIDEO COMPRESSION

COMPRESSIBILITY

GS MECHANICAL PROPERTIES
 .. COMPRESSIBILITY
 RT BULK MODULUS
 COMPRESSIBLE FLOW
 COMPRESSIVE STRENGTH
 DENSITY (MASS/VOLUME)
 EQUATIONS OF STATE
 GRUNEISEN CONSTANT
 HYDROELASTICITY
 INCOMPRESSIBILITY
 METAL POWDER
 POROSITY
 POWDER (PARTICLES)

COMPRESSIBILITY EFFECTS

RT BUFFETING
 COMPRESSIBLE FLOW
 ∞ EFFECTS
 FLUTTER
 HEAT TRANSFER
 OSCILLATING FLOW
 PRESSURE EFFECTS
 RELAXATION (PHYSIOLOGY)
 SECONDARY FLOW
 SUPERSONIC FLOW
 TRANSONIC FLOW

COMPRESSIBLE BOUNDARY LAYER

GS BOUNDARY LAYERS
 .. COMPRESSIBLE BOUNDARY LAYER
 RT LAMINAR BOUNDARY LAYER
 THREE DIMENSIONAL BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

COMPRESSIBLE FLOW

GS FLUID FLOW
 . **COMPRESSIBLE FLOW**
 . . TRANSONIC FLOW
 RT AERODYNAMICS
 AIR FLOW
 CARTAN SPACE
 COMPRESSIBILITY
 COMPRESSIBILITY EFFECTS
 CROCCO METHOD
 GAS FLOW
 HUGONIOT EQUATION OF STATE
 HYPERSONIC FLOW
 INCOMPRESSIBLE FLOW
 MAGNETOHYDRODYNAMIC FLOW
 NEWTON PRESSURE LAW
 STAGNATION FLOW
 STAGNATION PRESSURE
 STAGNATION TEMPERATURE
 SUBSONIC FLOW
 SUPERSONIC FLOW

COMPRESSIBLE FLUIDS

RT AERODYNAMIC HEATING
 CROCCO METHOD
 FLUID POWER
 ∞ FLUIDS
 HYDROELASTICITY
 IDEAL FLUIDS
 INCOMPRESSIBLE FLUIDS
 MAXWELL FLUIDS
 METHOD OF CHARACTERISTICS
 P WAVES
 SUPERFLUIDITY

COMPRESSING

UF RECOMPRESSION
 SQUEEZING
 GS **COMPRESSING**
 . PLASMA COMPRESSION
 . SPEECH BASEBAND COMPRESSION
 RT ADIABATIC CONDITIONS
 ANVILS
 AXIAL COMPRESSION LOADS
 BLOWING
 COMPRESSORS
 CONCENTRATING
 DENSIFICATION
 INTERNAL COMPRESSION INLETS
 MAGNETIC COMPRESSION
 MECHANICAL PROPERTIES
 METAL POWDER
 PISTON THEORY
 ∞ PRESSING
 PRESSURE
 PRESSURE REDUCTION
 PULSE COMPRESSION
 ∞ PUMPING
 RAREFACTION
 SQUEEZE CASTING
 SUPERCHARGERS

COMPRESSION LOADS

GS LOADS (FORCES)
 . **COMPRESSION LOADS**
 . . AXIAL COMPRESSION LOADS
 . . IMPACT LOADS
 RT AERODYNAMIC LOADS
 AXIAL LOADS
 BUCKLING
 COMPRESSIVE STRENGTH
 CONTACT LOADS
 DYNAMIC LOADS
 EDGE LOADING
 MECHANICAL PROPERTIES
 SHOCK LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THRUST LOADS

COMPRESSION RATIO

GS RATIOS
 . **COMPRESSION RATIO**
 RT EFFICIENCY
 FUEL-AIR RATIO

COMPRESSION TESTERS

USE COMPRESSION TESTS

COMPRESSION TESTS

UF COMPRESSION TESTERS
 METEORITE COMPRESSION TESTS
 RT CREEP TESTS
 DESTRUCTIVE TESTS
 HARDNESS TESTS

COMPRESSION TESTS--(cont.)

IMPACT TESTS
 LOAD TESTS
 ∞ MATERIALS TESTS
 STATIC TESTS
 ∞ TESTS

COMPRESSION WAVES

GS ELASTIC WAVES
 . **COMPRESSION WAVES**
 RT P WAVES

COMPRESSIVE STRENGTH

GS MECHANICAL PROPERTIES
 . **COMPRESSIVE STRENGTH**
 RT COMPRESSIBILITY
 COMPRESSION LOADS
 DUCTILITY
 ELASTIC PROPERTIES
 FIBER STRENGTH
 HIGH STRENGTH
 LOAD CARRYING CAPACITY
 POISSON RATIO
 RESILIENCE
 SHEAR STRENGTH
 ∞ STRENGTH
 TOUGHNESS

COMPRESSOR BLADES

GS TURBOMACHINE BLADES
 . **COMPRESSOR BLADES**
 RT ∞ BLADES
 CENTRIFUGAL COMPRESSORS
 FAN BLADES
 ROTATING STALLS
 ROTOR BLADES (TURBOMACHINERY)
 STATOR BLADES
 TURBINE BLADES
 TURBOCOMPRESSORS
 VANES

COMPRESSOR EFFICIENCY

GS EFFICIENCY
 . **COMPRESSOR EFFICIENCY**
 RT POWER EFFICIENCY
 THERMODYNAMIC EFFICIENCY

COMPRESSOR ROTORS

GS ROTATING BODIES
 . ROTORS
 . . **COMPRESSOR ROTORS**
 RT CENTRIFUGAL COMPRESSORS
 COMPRESSORS
 ∞ FANS
 IMPELLERS
 ROTOR BLADES (TURBOMACHINERY)
 TURBINE WHEELS
 TURBOCOMPRESSORS

COMPRESSORS

SN (EXCLUDES DATA COMPRESSORS)
 GS **COMPRESSORS**
 . CENTRIFUGAL COMPRESSORS
 . SUPERCHARGERS
 . SUPERSONIC COMPRESSORS
 . TRANSONIC COMPRESSORS
 . TURBOCOMPRESSORS
 RT AIR CONDITIONING EQUIPMENT
 BLOWERS
 COMPRESSED AIR
 COMPRESSED GAS
 COMPRESSING
 COMPRESSOR ROTORS
 CONDENSERS (LIQUEFIERS)
 COOLERS
 ∞ FANS
 REFRIGERATING MACHINERY
 STATORS
 TURBOMACHINERY
 VACUUM PUMPS
 VANELESS DIFFUSERS

COMPTON EFFECT

GS SCATTERING
 . **COMPTON EFFECT**
 RT COHERENT SCATTERING
 ∞ EFFECTS
 INELASTIC SCATTERING
 NUCLEAR REACTIONS
 PHOTOELECTRICITY

COMPTON GAMMA RAY OBSERVATORY

USE GAMMA RAY OBSERVATORY

COMPULSATORS

RT AC GENERATORS
 COMPENSATORS
 ELECTRIC POWER SUPPLIES
 PULSE GENERATORS

COMPUTATION

UF CALCULATION
 GS **COMPUTATION**
 . COMPUTATIONAL GEOMETRY
 . ORBIT CALCULATION
 . . MINIMUM VARIANCE ORBIT
 DETERMINATION
 RT ADDITION
 ∞ APPLICATIONS OF MATHEMATICS
 ARITHMETIC
 CALCULATORS
 COMPUTATIONAL ASTROPHYSICS
 COMPUTATIONAL FLUID DYNAMICS
 COMPUTERS
 DATA PROCESSING
 DATA REDUCTION
 DIVIDING (MATHEMATICS)
 FLUX VECTOR SPLITTING
 ∞ FORMULAS
 INTERPOLATION
 LINEAR PREDICTION
 MULTIPLICATION
 SUBTRACTION
 SUMS
 SYSTOLIC ARRAYS

COMPUTATIONAL ASTROPHYSICS

GS ASTROPHYSICS
 . **COMPUTATIONAL ASTROPHYSICS**
 RT COMPUTATION
 COMPUTERIZED SIMULATION
 MATHEMATICAL MODELS
 ∞ SCIENCE

COMPUTATIONAL CHEMISTRY

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . **COMPUTATIONAL CHEMISTRY**
 RT ∞ CHEMISTRY
 COMPUTER TECHNIQUES
 COMPUTERIZED SIMULATION
 CONFIGURATION INTERACTION
 PHYSICAL CHEMISTRY
 SELF CONSISTENT FIELDS
 ∞ TESTS

COMPUTATIONAL FLUID DYNAMICS

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . **COMPUTATIONAL FLUID DYNAMICS**
 FLUID MECHANICS
 . FLUID DYNAMICS
 . . **COMPUTATIONAL FLUID DYNAMICS**
 RT BGK MODEL
 COMPUTATION
 CONVECTION-DIFFUSION EQUATION
 ∞ DYNAMICS
 EQUATIONS OF MOTION
 FINITE ELEMENT METHOD
 FLOW DEFLECTION
 FLOW EQUATIONS
 FLUX VECTOR SPLITTING
 GRID GENERATION (MATHEMATICS)
 HYDRODYNAMIC COEFFICIENTS
 INTERACTIONAL AERODYNAMICS
 K-EPSILON TURBULENCE MODEL
 MULTIGRID METHODS
 NAVIER-STOKES EQUATION
 PANEL METHOD (FLUID DYNAMICS)
 RELAXATION METHOD (MATHEMATICS)
 SPECTRAL METHODS
 TURBULENCE MODELS
 TVD SCHEMES
 UPWIND SCHEMES (MATHEMATICS)
 VORTEX IN CELL TECHNIQUE
 VORTEX LATTICE METHOD

COMPUTATIONAL GEOMETRY

GS COMPUTATION
 . **COMPUTATIONAL GEOMETRY**
 GEOMETRY
 . **COMPUTATIONAL GEOMETRY**
 RT COMPUTER AIDED DESIGN

COMPUTATIONAL GRIDS

UF GRIDS (MATHEMATICS)
 MESH (MATHEMATICS)
 GS COORDINATES
 . **COMPUTATIONAL GRIDS**

COMPUTATIONAL GRIDS--(cont.)

- RT GRID GENERATION (MATHEMATICS)
 - ∞ GRIDS
 - MATHEMATICAL MODELS
 - MULTIGRID METHODS
 - NUMERICAL ANALYSIS
 - PROBLEM SOLVING
 - THREE DIMENSIONAL MODELS

COMPUTER AIDED DESIGN

- UF CAD (DESIGN)
- COMPUTER AIDED ENGINEERING
- COMPUTERIZED DESIGN
- GS COMPUTER TECHNIQUES
 - . **COMPUTER AIDED DESIGN**
 - ... IPAD
- RT AIRCRAFT DESIGN
- AMPLIFIER DESIGN
- COMPUTATIONAL GEOMETRY
- COMPUTER GRAPHICS
- COMPUTERIZED SIMULATION
- ∞ DESIGN
 - DRAFTING MACHINES
 - ENGINE DESIGN
 - HELICOPTER DESIGN
 - LENS DESIGN
 - LOFTING
 - LOGIC DESIGN
 - MAN-COMPUTER INTERFACE
 - MISSILE DESIGN
 - REACTOR DESIGN
 - ROBOTICS
 - SATELLITE DESIGN
 - SPACECRAFT DESIGN
 - STRUCTURAL DESIGN
 - STRUCTURED PROGRAMMING
 - THREE DIMENSIONAL MODELS

COMPUTER AIDED ENGINEERING

- USE COMPUTER AIDED DESIGN

COMPUTER AIDED MANUFACTURING

- UF CAM (MANUFACTURING)
- GS COMPUTER TECHNIQUES
 - . **COMPUTER AIDED MANUFACTURING**
 - MANUFACTURING
- RT **COMPUTER AIDED MANUFACTURING**
- COMPUTER GRAPHICS
- COMPUTERIZED SIMULATION
- ROBOTICS

COMPUTER AIDED MAPPING

- GS COMPUTER TECHNIQUES
 - . **COMPUTER AIDED MAPPING**
 - MAPPING
- RT **COMPUTER AIDED MAPPING**
- COMPUTER GRAPHICS
- COMPUTERIZED SIMULATION
- MAPS
- ROBOTICS

COMPUTER AIDED TOMOGRAPHY

- UF CAT SCANNER
- GS COMPUTER TECHNIQUES
 - . **COMPUTER AIDED TOMOGRAPHY**
 - IMAGERY
 - . RADIOGRAPHY
 - ... TOMOGRAPHY
 - ... **COMPUTER AIDED TOMOGRAPHY**
- RT COMPUTER GRAPHICS
- IMAGE PROCESSING

COMPUTER ANIMATION

- GS ARTS
 - . GRAPHIC ARTS
 - ... ANIMATION
 - ... **COMPUTER ANIMATION**
- COMPUTER GRAPHICS
- . **COMPUTER ANIMATION**
- COMPUTER TECHNIQUES
- . **COMPUTER ANIMATION**
- RT COMPUTERIZED SIMULATION
- MOTION PICTURES

COMPUTER ARCHITECTURE

- USE ARCHITECTURE (COMPUTERS)

COMPUTER ASSISTED INSTRUCTION

- UF CAI
- GS COMPUTER TECHNIQUES
 - . **COMPUTER ASSISTED INSTRUCTION**
 - PROGRAMMED INSTRUCTION
 - . **COMPUTER ASSISTED INSTRUCTION**
- RT LANGUAGE PROGRAMMING
- SYMBOLIC PROGRAMMING

COMPUTER BULLETIN BOARDS

- USE ELECTRONIC BULLETIN BOARDS

COMPUTER CODES

- USE COMPUTER PROGRAMS

COMPUTER COMPATIBLE TAPES

- GS COMPUTER STORAGE DEVICES
 - . MAGNETIC TAPES
 - ... **COMPUTER COMPATIBLE TAPES**
- RT COMPUTERS
- DATA PROCESSING EQUIPMENT
- DIGITAL COMPUTERS
- ∞ TAPES

COMPUTER COMPONENTS

- RT ADDING CIRCUITS
- ARITHMETIC AND LOGIC UNITS
- BINARY TO DECIMAL CONVERTERS
- BUBBLE MEMORY DEVICES
- CENTRAL PROCESSING UNITS
- ∞ COMPONENTS
- COMPUTERS
- CONSOLES
- CONTROL UNITS (COMPUTERS)
- COUNTERS
- DECIMAL TO BINARY CONVERTERS
- DIGITAL ELECTRONICS
- LOGICAL ELEMENTS
- READ-ONLY MEMORY DEVICES
- REMOTE CONSOLES
- SHIFT REGISTERS

COMPUTER CONFERENCING

- RT COMMUNICATING
- COMMUNICATION
- ELECTRONIC BULLETIN BOARDS
- ELECTRONIC MAIL
- TELECONFERENCING

COMPUTER DESIGN

- SN (DESIGN OF COMPUTERS--EXCLUDES
- COMPUTERIZED DESIGN AND SYSTEMS
- ENGINEERING)
- RT ARCHITECTURE (COMPUTERS)
- COMPUTERS
- ∞ DESIGN
- FLUID LOGIC
- LOGIC DESIGN
- MEMORY (COMPUTERS)
- MICROPROCESSORS
- MIMD (COMPUTERS)
- OPTICAL COMPUTERS
- PRODUCT DEVELOPMENT
- READ-ONLY MEMORY DEVICES
- SIMD (COMPUTERS)

COMPUTER GRAPHICS

- UF INTERACTIVE GRAPHICS
- GS **COMPUTER GRAPHICS**
- . COMPUTER ANIMATION
- RT COMPUTER AIDED DESIGN
- COMPUTER AIDED MANUFACTURING
- COMPUTER AIDED MAPPING
- COMPUTER AIDED TOMOGRAPHY
- COMPUTERS
- DATA PROCESSING TERMINALS
- DISPLAY DEVICES
- GRAPHICAL USER INTERFACE
- IBM PERSONAL COMPUTERS
- MACINTOSH PERSONAL COMPUTERS
- MULTIMEDIA
- PLOTTERS
- RASTER SCANNING
- REMOTE CONSOLES
- SCIENTIFIC VISUALIZATION
- TOMOGRAPHY
- WINDOWS (COMPUTER PROGRAMS)

COMPUTER INFORMATION SECURITY

- UF COMPUTER SECURITY
- GS SECURITY
- . **COMPUTER INFORMATION SECURITY**
- RT COMPUTER VIRUSES
- CRYPTOGRAPHY
- DATA PROCESSING
- DISK OPERATING SYSTEM (DOS)
- OPERATING SYSTEMS (COMPUTERS)
- PRIVACY
- SELECTIVE DISSEMINATION OF
- INFORMATION

COMPUTER METHODS

- USE COMPUTER PROGRAMS

COMPUTER NETWORKS

- GS **COMPUTER NETWORKS**
- . ARPA COMPUTER NETWORK
- . LOCAL AREA NETWORKS
- RT ALOHA SYSTEM
- DISTRIBUTED PROCESSING
- ELECTRONIC MAIL
- INTERPROCESSOR COMMUNICATION
- NETWORK CONTROL
- ∞ NETWORKS
- PROTOCOL (COMPUTERS)
- VSAT (NETWORK)

COMPUTER PROGRAM INTEGRITY

- GS INTEGRITY
- . **COMPUTER PROGRAM INTEGRITY**
- RELIABILITY
- . SOFTWARE RELIABILITY
- RT **COMPUTER PROGRAM INTEGRITY**
- COMPILERS
- COMPLETENESS
- COMPUTER VIRUSES
- COMPUTERS
- DIGITAL COMPUTERS
- ERRORS
- PROGRAMS
- REDUNDANCY
- SECURITY

COMPUTER PROGRAM RELIABILITY

- USE SOFTWARE RELIABILITY

COMPUTER PROGRAMMING

- UF LEGENDRE CODE
- GS SOFTWARE ENGINEERING
- . **COMPUTER PROGRAMMING**
- ... ASSEMBLER ROUTINES
- ... LANGUAGE PROGRAMMING
- ... LOGIC PROGRAMMING
- ... MICROPROGRAMMING
- ... MULTIPROGRAMMING
- ... OBJECT-ORIENTED PROGRAMMING
- ... ON-LINE PROGRAMMING
- ... PARALLEL PROGRAMMING
- ... STRUCTURED PROGRAMMING
- ... SYMBOLIC PROGRAMMING
- RT ADA (PROGRAMMING LANGUAGE)
- ADDRESSING
- ALGOL
- ALGORITHMS
- APL (PROGRAMMING LANGUAGE)
- ASSEMBLY LANGUAGE
- AUTOCODERS
- BASIC (PROGRAMMING LANGUAGE)
- BATCH PROCESSING
- BCH CODES
- BLOCK DIAGRAMS
- C (PROGRAMMING LANGUAGE)
- CODING
- COMPASS (PROGRAMMING LANGUAGE)
- COMPUTER VIRUSES
- CONTEXT FREE LANGUAGES
- DATA STRUCTURES
- DIGITAL TECHNIQUES
- EXPERT SYSTEMS
- FILE MAINTENANCE (COMPUTERS)
- FIRMWARE
- FLOW CHARTS
- FORMALISM
- FORMAT
- FORTH (PROGRAMMING LANGUAGE)
- FORTRAN
- HAL/S (LANGUAGE)
- HEURISTIC METHODS
- KINFOFORM
- LINEAR PROGRAMMING
- LISP (PROGRAMMING LANGUAGE)
- LOGIC DESIGN
- MACHINE-INDEPENDENT PROGRAMS
- MAP (PROGRAMMING LANGUAGE)
- MIMD (COMPUTERS)
- NATURAL LANGUAGE (COMPUTERS)
- NUMERICAL ANALYSIS
- PASCAL (PROGRAMMING LANGUAGE)
- PL/1
- PROGRAM VERIFICATION (COMPUTERS)
- PROGRAMMED INSTRUCTION
- PROGRAMMERS
- ∞ PROGRAMMING
- PROGRAMMING ENVIRONMENTS
- PROGRAMMING LANGUAGES
- PROLOG (PROGRAMMING LANGUAGE)
- REAL TIME OPERATION
- RESPONSE TIME (COMPUTERS)
- REVERSE ENGINEERING

COMPUTER PROGRAMMING--(cont.)

RUN TIME (COMPUTERS)
 SEQUENTIAL CONTROL
 SIMD (COMPUTERS)
 SOFTWARE RELIABILITY
 SOFTWARE REUSE
 SOFTWARE TOOLS
 SYSTEMS ANALYSIS
 THEOREM PROVING
 TIME SHARING
 UNIX (OPERATING SYSTEM)

COMPUTER PROGRAMS

UF COMPUTER CODES
 COMPUTER METHODS
 SOFTWARE (COMPUTERS)
 GS **COMPUTER PROGRAMS**
 APPLICATIONS PROGRAMS
 (COMPUTERS)
 . NASTRAN
 . COMPILERS
 . COMPUTER SYSTEMS PROGRAMS
 . ASSEMBLER ROUTINES
 . INPUT/OUTPUT ROUTINES
 . OPERATING SYSTEMS (COMPUTERS)
 . . DISK OPERATING SYSTEM (DOS)
 . . UNIX (OPERATING SYSTEM)
 . . SUBROUTINE LIBRARIES
 (COMPUTERS)
 . EDITING ROUTINES (COMPUTERS)
 . MACHINE-INDEPENDENT PROGRAMS
 . MERGING ROUTINES
 . MULTIPLE OUTPUT PROGRAMS
 . OBJECT PROGRAMS
 . SOURCE PROGRAMS
 . SUBROUTINES
 RT ALGORITHMS
 ASSEMBLY LANGUAGE
 BATCH PROCESSING
 BLOCK DIAGRAMS
 CODING
 COMPUTER VIRUSES
 COMPUTERS
 DATA CONVERSION ROUTINES
 DATA FLOW ANALYSIS
 DATA PROCESSING
 DATA TRANSFER (COMPUTERS)
 DIGITAL COMPUTERS
 ERROR DETECTION CODES
 FIXED POINT ARITHMETIC
 FLOATING POINT ARITHMETIC
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 IBM PERSONAL COMPUTERS
 INSTRUCTION SETS (COMPUTERS)
 LASER GUIDANCE
 MACHINE TRANSLATION
 MACINTOSH PERSONAL COMPUTERS
 MODULARITY
 NASA INTERACTIVE PLANNING SYSTEM
 NUMERICAL CONTROL
 ON-LINE SYSTEMS
 PROGRAMMED INSTRUCTION
 PROGRAMMING ENVIRONMENTS
 PROGRAMS
 REPORT GENERATORS
 ∞ ROUTINES
 ∞ SOFTWARE ENGINEERING
 ∞ SOFTWARE RELIABILITY
 ∞ SOFTWARE REUSE
 ∞ SOFTWARE TOOLS
 ∞ STRUCTURED PROGRAMMING
 ∞ TRANSLATORS
 ∞ USER MANUALS (COMPUTER
 PROGRAMS)

COMPUTER SECURITY

USE COMPUTER INFORMATION SECURITY

COMPUTER SIMULATION

USE COMPUTERIZED SIMULATION

COMPUTER STORAGE DEVICES

UF MACHINE STORAGE
 GS **COMPUTER STORAGE DEVICES**
 . BUBBLE MEMORY DEVICES
 . BUFFER STORAGE
 . CRYOGENIC COMPUTER STORAGE
 . DELAY LINES (COMPUTER STORAGE)
 . MAGNETIC CORES
 . MAGNETIC DISKS
 . MAGNETIC DRUMS
 . MAGNETIC TAPES
 . . COMPUTER COMPATIBLE TAPES
 . OPTICAL DISKS

COMPUTER STORAGE DEVICES--(cont.)

. RANDOM ACCESS MEMORY
 . CORE STORAGE
 . READ-ONLY MEMORY DEVICES
 . . CD-ROM
 . REGISTERS (COMPUTERS)
 . . ACCUMULATORS (COMPUTERS)
 RT ACOUSTIC DELAY LINES
 CARDS
 CENTRAL PROCESSING UNITS
 ∞ CHANNELS
 ∞ CRYOSAR
 ∞ EQUIPMENT
 FLIP-FLOPS
 HOLE BURNING
 MAGNETIC STORAGE
 MEMORY (COMPUTERS)
 MICROPROCESSORS
 OPTICAL MEMORY (DATA STORAGE)
 PARAMETRONS
 PERIPHERAL EQUIPMENT (COMPUTERS)
 PUNCHED CARDS
 PUNCHED TAPES
 RANDOM ACCESS
 SHIFT REGISTERS
 ∞ STORAGE
 THIN FILMS

COMPUTER SYSTEMS DESIGN

GS SYSTEMS ENGINEERING
 . **COMPUTER SYSTEMS DESIGN**
 RT CONCURRENT PROCESSING
 ∞ DESIGN
 DISK OPERATING SYSTEM (DOS)
 DISTRIBUTED PROCESSING
 INTERPROCESSOR COMMUNICATION
 MAN MACHINE SYSTEMS
 OPERATING SYSTEMS (COMPUTERS)
 PERIPHERAL EQUIPMENT (COMPUTERS)
 PROGRAMMABLE LOGIC DEVICES
 READ-ONLY MEMORY DEVICES
 SOFTWARE ENGINEERING
 SOFTWARE TOOLS
 ∞ SYSTEMS
 VIRTUAL MEMORY SYSTEMS

COMPUTER SYSTEMS PERFORMANCE

RT CONSISTENCY
 DATA SAMPLING
 EFFICIENCY
 EVALUATION
 OPERATOR PERFORMANCE
 OUTPUT
 ∞ PERFORMANCE
 PERFORMANCE TESTS
 QUALITY
 RELIABILITY
 RESPONSE TIME (COMPUTERS)
 SOFTWARE RELIABILITY
 ∞ SYSTEMS

COMPUTER SYSTEMS PROGRAMS

UF SOFTWARE (COMPUTERS)
 GS **COMPUTER SYSTEMS PROGRAMS**
 . ASSEMBLER ROUTINES
 . INPUT/OUTPUT ROUTINES
 . OPERATING SYSTEMS (COMPUTERS)
 . . DISK OPERATING SYSTEM (DOS)
 . . UNIX (OPERATING SYSTEM)
 . . SUBROUTINE LIBRARIES
 (COMPUTERS)
 RT ALGORITHMS
 ASSEMBLY LANGUAGE
 AUTOCODERS
 COMPILERS
 COMPUTER VIRUSES
 COMPUTERS
 DATA FLOW ANALYSIS
 DATA PROCESSING
 DIGITAL COMPUTERS
 EDITING ROUTINES (COMPUTERS)
 ERROR DETECTION CODES
 REPORT GENERATORS
 ∞ ROUTINES
 ∞ SOFTWARE ENGINEERING
 ∞ SOFTWARE TOOLS
 ∞ SYSTEMS
 SYSTEMS ANALYSIS

COMPUTER SYSTEMS SIMULATION

GS SIMULATION
 . **COMPUTER SYSTEMS SIMULATION**
 RT ANALOG SIMULATION
 DATA PROCESSING EQUIPMENT

COMPUTER SYSTEMS SIMULATION--(cont.)

DIGITAL SIMULATION
 MATHEMATICAL MODELS
 OPERATIONS RESEARCH
 SIMULATORS
 ∞ SYSTEMS
 SYSTEMS ANALYSIS

COMPUTER TECHNIQUES

GS **COMPUTER TECHNIQUES**
 . COMPUTER AIDED DESIGN
 . . IPAD
 . COMPUTER AIDED MANUFACTURING
 . COMPUTER AIDED MAPPING
 . COMPUTER AIDED TOMOGRAPHY
 . COMPUTER ANIMATION
 . COMPUTER ASSISTED INSTRUCTION
 RT ADAPTIVE OPTICS
 ARPA COMPUTER NETWORK
 COMPUTATIONAL CHEMISTRY
 COMPUTERS
 FLIGHT MANAGEMENT SYSTEMS
 KNOWLEDGE BASED SYSTEMS
 MANAGEMENT INFORMATION SYSTEMS
 MANAGEMENT METHODS
 MANAGEMENT SYSTEMS
 MICROPROCESSORS
 NASTRAN
 NUMERICAL DIFFERENTIATION
 ON-LINE SYSTEMS
 PARSING ALGORITHMS
 PERSONAL COMPUTERS
 WORD PROCESSING

COMPUTER VIRUSES

RT COMPUTER INFORMATION SECURITY
 COMPUTER PROGRAM INTEGRITY
 COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 SOFTWARE ENGINEERING

COMPUTER VISION

UF MACHINE VISION
 RT ARTIFICIAL INTELLIGENCE
 ∞ AUTOMATION
 EDGE DETECTION
 OPTICAL FLOW (IMAGE ANALYSIS)
 PATTERN RECOGNITION
 POSITION SENSING
 ROBOT SENSORS
 ROBOTICS
 ROBOTS

COMPUTERIZED CONTROL

USE NUMERICAL CONTROL

COMPUTERIZED DESIGN

USE COMPUTER AIDED DESIGN

COMPUTERIZED SIMULATION

UF ARIP (IMPACT PREDICTION)
 AUTOMATIC ROCKET IMPACT
 PREDICTORS
 COMPUTER SIMULATION
 IP (IMPACT PREDICTION)
 GS SIMULATION
 . **COMPUTERIZED SIMULATION**
 . . ANALOG SIMULATION
 . . DIGITAL SIMULATION
 RT ALGORITHMS
 ALTITUDE SIMULATION
 COMPUTATIONAL ASTROPHYSICS
 COMPUTATIONAL CHEMISTRY
 COMPUTER AIDED DESIGN
 COMPUTER AIDED MANUFACTURING
 COMPUTER AIDED MAPPING
 COMPUTER ANIMATION
 COMPUTERS
 CONTROL SIMULATION
 DIFFERENTIAL ANALYZERS
 FLIGHT SIMULATION
 HIGHLY MANEUVERABLE AIRCRAFT
 HYDRAULIC ANALOGIES
 LANDING SIMULATION
 LENNARD-JONES POTENTIAL
 MATHEMATICAL MODELS
 ∞ MISSILE SIMULATORS
 MOTION SIMULATORS
 NUMERICAL WEATHER FORECASTING
 OPERATIONS RESEARCH
 SCIENTIFIC VISUALIZATION
 SIMULATED ANNEALING
 SYSTEMS SIMULATION
 TARGET SIMULATORS

COMPUTERIZED SIMULATION--(cont.)

THREE DIMENSIONAL MODELS
TWO DIMENSIONAL MODELS
VIRTUAL REALITY

COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
ANALOG COMPUTERS
EAI 680 COMPUTER
HONEYWELL 600/6000 COMPUTER
SIGMA 5 COMPUTER
UNIVAC 1100 SERIES COMPUTERS
CDC COMPUTERS
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES COMPUTERS
CDC CYBER 175 COMPUTER
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC CYBER 205 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
COUNTING RATE COMPUTERS
DDP COMPUTERS
DDP 516 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES COMPUTERS
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC CYBER 205 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
EAI 680 COMPUTER
EAI 8400 COMPUTER
EAI 8900 COMPUTER
EMR 6050 COMPUTER
FERRANTI MERCURY COMPUTER
GE COMPUTERS
GE 625 COMPUTER
GE 635 COMPUTER
HEWLETT-PACKARD COMPUTERS
HONEYWELL COMPUTERS
DDP 516 COMPUTER
HONEYWELL ADEPT COMPUTER
HONEYWELL DDP 116 COMPUTER
HONEYWELL 600/6000 COMPUTER
IBM 360 COMPUTER
IBM 370 COMPUTER
IBM 650 COMPUTER
IBM 704 COMPUTER
IBM 709 COMPUTER
IBM 1130 COMPUTER
IBM 1401 COMPUTER
IBM 1410 COMPUTER
IBM 1620 COMPUTER
IBM 2250 COMPUTER
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER
ICL COMPUTERS
ILLIAC COMPUTERS
ILLIAC 3 COMPUTER
ILLIAC 4 COMPUTER
MICROCOMPUTERS
PERSONAL COMPUTERS

COMPUTERS--(cont.)

IBM PERSONAL COMPUTERS
MACINTOSH PERSONAL COMPUTERS
MINICOMPUTERS
NOVA COMPUTERS
MODCOMP II COMPUTER
MODCOMP IV COMPUTER
PARALLEL COMPUTERS
MASSIVELY PARALLEL PROCESSORS
CONNECTION MACHINE
MIMD (COMPUTERS)
SIMD (COMPUTERS)
PDP COMPUTERS
PDP 7 COMPUTER
PDP 8 COMPUTER
PDP 9 COMPUTER
PDP 10 COMPUTER
PDP 11 COMPUTER
PDP 11/20 COMPUTER
PDP 11/40 COMPUTER
PDP 11/45 COMPUTER
PDP 11/50 COMPUTER
PDP 11/70 COMPUTER
PDP 12 COMPUTER
PDP 15 COMPUTER
PHILCO 2000 COMPUTER
RAYTHEON COMPUTERS
RCA SPECTRA 70 COMPUTER
SDS 900 SERIES COMPUTERS
SDS 930 COMPUTER
SDS 9300 COMPUTER
SEL COMPUTERS
SEQUENTIAL COMPUTERS
SIGMA COMPUTERS
SIGMA 9 COMPUTER
SIGMA 5 COMPUTER
SOLOMON COMPUTERS
UNIVAC LARC COMPUTER
UNIVAC 80 COMPUTER
UNIVAC 418 COMPUTER
UNIVAC 490 COMPUTER
UNIVAC 494 COMPUTER
UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC 1106 COMPUTER
UNIVAC 1107 COMPUTER
UNIVAC 1108 COMPUTER
UNIVAC 1110 COMPUTER
UNIVAC 1230 COMPUTER
VAX COMPUTERS
VAX-11 SERIES COMPUTERS
VAX-11/780 COMPUTER
EMBEDDED COMPUTER SYSTEMS
AIRBORNE/SPACEBORNE COMPUTERS
HYBRID COMPUTERS
HYPERCUBE MULTIPROCESSORS
IBM COMPUTERS
IBM PERSONAL COMPUTERS
IBM 360 COMPUTER
IBM 370 COMPUTER
IBM 650 COMPUTER
IBM 704 COMPUTER
IBM 709 COMPUTER
IBM 1130 COMPUTER
IBM 1401 COMPUTER
IBM 1410 COMPUTER
IBM 1620 COMPUTER
IBM 2250 COMPUTER
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER
MINOS COMPUTER
OPTICAL COMPUTERS
PEGASUS COMPUTER
RCA COMPUTERS
RCA SPECTRA 70 COMPUTER
RCA-110 COMPUTERS
SIEMENS 2002 COMPUTER
SITE DATA PROCESSORS
SUPERCOMPUTERS
CONNECTION MACHINE
CRAY COMPUTERS
TRANSPUTERS
UNIVAC COMPUTERS
UNIVAC LARC COMPUTER
UNIVAC 80 COMPUTER
UNIVAC 418 COMPUTER
UNIVAC 490 COMPUTER
UNIVAC 494 COMPUTER

COMPUTERS--(cont.)

UNIVAC 1100 SERIES COMPUTERS
UNIVAC 1105 COMPUTER
UNIVAC 1106 COMPUTER
UNIVAC 1107 COMPUTER
UNIVAC 1108 COMPUTER
UNIVAC 1110 COMPUTER
UNIVAC 1230 COMPUTER
RT APPLICATIONS PROGRAMS (COMPUTERS)
ARITHMETIC AND LOGIC UNITS
ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
AUTOMATION
CALCULATORS
CENTRAL PROCESSING UNITS
COMPUTATION
COMPUTER COMPATIBLE TAPES
COMPUTER COMPONENTS
COMPUTER DESIGN
COMPUTER GRAPHICS
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
COMPUTER TECHNIQUES
COMPUTERIZED SIMULATION
CONTROL DATA (COMPUTERS)
CONTROL UNITS (COMPUTERS)
CYBERNETICS
DATA CONVERTERS
DATA PROCESSING
DIGITAL TO VOICE TRANSLATORS
FILE MAINTENANCE (COMPUTERS)
FIXED POINT ARITHMETIC
FLOATING POINT ARITHMETIC
HAL/S (LANGUAGE)
HARDWARE
INFORMATION RETRIEVAL
INFORMATION THEORY
INTEL 8080 MICROPROCESSOR
LOGIC CIRCUITS
MACHINE-INDEPENDENT PROGRAMS
MACHINERY
MEMORY (COMPUTERS)
MULTIPROCESSING (COMPUTERS)
PRINTERS (DATA PROCESSING)
READ-ONLY MEMORY DEVICES
REAL TIME OPERATION
RUN TIME (COMPUTERS)
TELECOMMUNICATION
VOCODERS

COMSAT PROGRAM

GS PROGRAMS
COMSAT PROGRAM
RT COMMUNICATION SATELLITES
EARLY BIRD SATELLITES
TELSTAR PROJECT
TELSTAR SATELLITES

COMSTAR C

GS ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY
SATELLITE
COMSTAR C

COMSTAR SATELLITES

GS ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMSTAR SATELLITES
RT SATELLITE NETWORKS

CONCATENATED CODES

RT BINARY CODES
CODES
CODING
DATA TRANSMISSION
DECODING
ERROR CORRECTING CODES
REDUNDANCY ENCODING
REED-SOLOMON CODES
SIGNAL ENCODING
TRELLIS CODING

CONCAVITY

RT CONTOUR SENSORS
CONTOURS
CONVEXITY
FLATNESS
SHAPES
SURFACE GEOMETRY

CONCENTRATING

RT ACCUMULATIONS

CONCENTRATING--(cont.)

ADSORPTION
 AGGLOMERATION
 BENEFICIATION
 CENTRIFUGING
 CLASSIFIERS
 COAGULATION
 COALESCING
 COMPRESSING
 ∞ CONCENTRATION
 CONCENTRATORS
 CONDENSING
 CRYSTALLIZATION
 DISTILLATION
 DRYING
 ENRICHMENT
 EVAPORATION
 EXTRACTION
 FILTRATION
 FLOCCULATING
 FLOTATION
 PERCOLATION
 PRECIPITATION (CHEMISTRY)
 ∞ SEPARATION
 SEPARATORS
 SETTLING
 SORPTION
 STRESS CONCENTRATION
 UPGRADING
 VAPORIZING

∞ CONCENTRATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONCENTRATING
 CONCENTRATION (COMPOSITION)
 CROWDING
 FILTRATION
 ISOTOPIC ENRICHMENT

CONCENTRATION (COMPOSITION)

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . ATOM CONCENTRATION
 . . CARBON DIOXIDE CONCENTRATION
 . . LOW CONCENTRATIONS
 . . MASCONS
 . . METEOROID CONCENTRATION
 . . MOISTURE CONTENT
 ATMOSPHERIC MOISTURE
 RT ∞ CONCENTRATION
 DILUTION
 PARTICULATE SAMPLING
 PURITY
 QUALITY
 SAMPLING
 ∞ SATURATION
 SOLUBILITY

CONCENTRATORS

GS **CONCENTRATORS**
 . SPIRALS (CONCENTRATORS)
 RT ACCUMULATORS
 CENTRIFUGES
 CLASSIFIERS
 ∞ CLASSIFYING
 COLUMNS (PROCESS ENGINEERING)
 CONCENTRATING
 EVAPORATORS
 FILTRATION
 FLUID FILTERS
 PRECIPITATORS
 RADIATIVE HEAT TRANSFER
 SEPARATORS
 SIZE SEPARATION
 SIZING SCREENS
 SOLAR COLLECTORS
 STILLs
 THERMAL RADIATION
 TRAPS
 WASHERS (CLEANERS)

CONCENTRIC CYLINDERS

RT ∞ CYLINDERS
 CYLINDRICAL SHELLS

CONCENTRIC SPHERES

GS SYMMETRICAL BODIES
 . BODIES OF REVOLUTION
 . . SPHERES
 . . . **CONCENTRIC SPHERES**
 RT CONCENTRICITY

CONCENTRICITY

RT ∞ CENTERS
 CONCENTRIC SPHERES
 ECCENTRICITY

CONCORDE AIRCRAFT

GS JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **CONCORDE AIRCRAFT**
 SUD AVIATION AIRCRAFT
 . **CONCORDE AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . . **CONCORDE AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **CONCORDE AIRCRAFT**
 RT ∞ AIRCRAFT

CONCRETE STRUCTURES

RT AGGREGATES
 BREAKWATERS
 CONSTRUCTION
 EARTHQUAKE RESISTANT STRUCTURES
 FOUNDATIONS
 ∞ MATERIALS
 RIGID STRUCTURES
 ∞ STRUCTURES
 TOWERS

CONCRETES

RT ADMIXTURES
 AGGREGATES
 CEMENTS
 ∞ CONSTRUCTION MATERIALS
 GROUT
 INSULATION
 MASONRY
 MORTARS (MATERIAL)
 PAVEMENTS
 STRUCTURAL MEMBERS

CONCURRENT PROCESSING

GS DATA PROCESSING
 . **CONCURRENT PROCESSING**
 RT ARCHITECTURE (COMPUTERS)
 COMPUTER SYSTEMS DESIGN
 MIMD (COMPUTERS)
 MULTIPROCESSING (COMPUTERS)
 PARALLEL PROCESSING (COMPUTERS)
 SIMD (COMPUTERS)

CONDENSATES

RT AITKEN NUCLEI
 ∞ CONDENSATION
 CONDENSERS (LIQUEFIERS)
 CONDENSING
 CONTRAILS
 DROP SIZE
 LIQUEFIED GASES
 PLUMES
 VAPORS

∞ CONDENSATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONDENSATES
 CONDENSATION NUCLEI
 CONDENSING
 GAS-METAL INTERACTIONS
 LIQUEFACTION
 MAYER PROBLEM
 RECTIFICATION

CONDENSATION NUCLEI

GS **CONDENSATION NUCLEI**
 . AITKEN NUCLEI
 RT AEROSOLS
 CLOUD PHYSICS
 CLOUDS (METEOROLOGY)
 ∞ CONDENSATION
 CONDENSING
 DROPS (LIQUIDS)
 ICE NUCLEI
 METEOROLOGY
 MICROPARTICLES
 NUCLEATION
 ∞ NUCLEI
 RAIN

CONDENSATION PUMPS

GS PUMPS
 . VACUUM PUMPS
 . . **CONDENSATION PUMPS**
 VACUUM APPARATUS

CONDENSATION PUMPS--(cont.)

. VACUUM PUMPS
 . . **CONDENSATION PUMPS**

CONDENSATION TRAILS

USE CONTRAILS

CONDENSED MATTER PHYSICS

RT MATTER (PHYSICS)
 NEGATIVE MATTER
 ∞ PHYSICS
 ∞ SOLID STATE PHYSICS

CONDENSER RADIATORS

USE CONDENSERS (LIQUEFIERS)
 HEAT RADIATORS

∞ CONDENSERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CAPACITORS
 CONDENSERS (LIQUEFIERS)
 JET CONDENSERS
 PHOTOGRAPHIC RECTIFIERS

CONDENSERS (LIQUEFIERS)

UF CONDENSER RADIATORS
 GS **CONDENSERS (LIQUEFIERS)**
 . JET CONDENSERS
 RT ABSORBERS (EQUIPMENT)
 AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 COLD TRAPS
 COLUMNS (PROCESS ENGINEERING)
 COMPRESSORS
 CONDENSATES
 ∞ CONDENSERS
 CONDENSING
 COOLING FINS
 COOLING SYSTEMS
 DISTILLATION EQUIPMENT
 DRYING APPARATUS
 EVAPORATORS
 EXHAUST SYSTEMS
 FILM CONDENSATION
 HEAT EXCHANGERS
 HEAT PUMPS
 LIQUEFIED GASES
 REFRIGERATING MACHINERY
 SEPARATORS
 SPACECRAFT RADIATORS
 VAPORIZERS

CONDENSING

UF GAS LIQUEFACTION
 GS **CONDENSING**
 . FILM CONDENSATION
 RT ASSOCIATION REACTIONS
 CLOUD PHYSICS
 CONCENTRATING
 CONDENSATES
 ∞ CONDENSATION
 CONDENSATION NUCLEI
 CONDENSERS (LIQUEFIERS)
 COOLING
 DEHUMIDIFICATION
 DEW POINT
 DISTILLATION
 DROP SIZE
 DROPS (LIQUIDS)
 EVAPORATION
 GAS-LIQUID INTERACTIONS
 GAS-METAL INTERACTIONS
 NUCLEATION
 PHASE CHANGE MATERIALS
 PHASE TRANSFORMATIONS
 REFRIGERATING
 ∞ SATURATION
 ∞ SEPARATION
 SUBLIMATION
 SUPERCOOLING
 SUPERSATURATION

CONDITIONED REFLEXES

GS REFLEXES
 . **CONDITIONED REFLEXES**
 RT CONDITIONING (LEARNING)
 REACTION TIME

CONDITIONED RESPONSES

USE CONDITIONING (LEARNING)

∞ CONDITIONING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BENEFICIATION
CONDITIONING (LEARNING)
POWER CONDITIONING
PRECONDITIONING

CONDITIONING (LEARNING)

- UF CONDITIONED RESPONSES
- GS LEARNING
CONDITIONING (LEARNING)
- RT BEHAVIOR
BIOFEEDBACK
CONDITIONED REFLEXES
CONDITIONING
HABITUATION (LEARNING)
INHIBITION (PSYCHOLOGY)

CONDITIONING (TREATING)

- USE TREATMENT

CONDITIONS

- GS CONDITIONS
- . ADIABATIC CONDITIONS
 - . BOUNDARY CONDITIONS
 - . CHRONIC CONDITIONS
 - . FLIGHT CONDITIONS
 - . KUTTA-JOUKOWSKI CONDITION
 - . LIPSCHITZ CONDITION
 - . NONADIABATIC CONDITIONS
 - . NONEQUILIBRIUM CONDITIONS
 - . RUNWAY CONDITIONS

CONDOR MISSILE

- GS MISSILES
AIR TO SURFACE MISSILES
CONDOR MISSILE

CONDUCTANCE

- USE RESISTANCE

CONDUCTING

- USE CONDUCTION

CONDUCTING FLUIDS

- SN (EXCLUDES PLASMAS)
- RT CONDUCTORS
ELECTROLYTES
MAGNETOHYDRODYNAMICS

CONDUCTING MEDIA

- USE CONDUCTORS

CONDUCTING POLYMERS

- GS CONDUCTORS
ELECTRIC CONDUCTORS
CONDUCTING POLYMERS
- RT ORGANIC SEMICONDUCTORS
POLYACETYLENE
POLYMERIC FILMS
POLYMERS
SEMICONDUCTORS (MATERIALS)

∞ CONDUCTION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF CONDUCTING
- RT ATTENUATION
CONDUCTIVE HEAT TRANSFER
CONVECTION
ELECTRIC CONDUCTORS
ELECTRIC POWER TRANSMISSION
HEAT TRANSFER
HEATING
REFRACTION
SOUND PROPAGATION
SOUND TRANSMISSION
THERMAL CONDUCTORS
THERMAL DIFFUSION
TRANSMISSION
WAVE PROPAGATION

CONDUCTION BANDS

- GS ENERGY BANDS
CONDUCTION BANDS
- RT BAND STRUCTURE OF SOLIDS
BANDS
BRILLOUIN ZONES
ELECTRON TRANSITIONS
FRANCK-CONDON PRINCIPLE
NDM SEMICONDUCTOR DEVICES

CONDUCTION BANDS--(cont.)

- POLARONS
QUANTUM WELLS
SEMICONDUCTORS (MATERIALS)
TRAPPING

CONDUCTION ELECTRONS

- GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
CONDUCTION ELECTRONS
- RT FREE ELECTRONS
QUANTUM WELLS
VALENCE

CONDUCTIVE HEAT TRANSFER

- UF HEAT CONDUCTION
- GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
- RT CONDUCTION
CONVECTIVE HEAT TRANSFER
LAMINAR HEAT TRANSFER
THERMAL CONDUCTIVITY
THERMAL CONDUCTORS

∞ CONDUCTIVITY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ATMOSPHERIC CONDUCTIVITY
ELECTRICAL PROPERTIES
ELECTRICAL RESISTIVITY
FLUID FLOW
IMPEDANCE
IONOSPHERIC CONDUCTIVITY
MAGNETORESISTIVITY
MOBILITY
OHMS LAW
PHOTOCONDUCTIVITY
PLASMA CONDUCTIVITY
SUPERCONDUCTING POWER
TRANSMISSION
SUPERCONDUCTIVITY
THERMAL CONDUCTIVITY
TRANSDUCANCE
TRANSPORT PROPERTIES
VOID RATIO

CONDUCTIVITY METERS

- GS MEASURING INSTRUMENTS
CONDUCTIVITY METERS
ELECTRICAL CONDUCTIVITY METERS

CONDUCTORS

- UF CONDUCTING MEDIA
- GS CONDUCTORS
- . BUS CONDUCTORS
 - . ELECTRIC CONDUCTORS
 - . BEAM LEADS
 - . CONDUCTING POLYMERS
 - . ELECTRIC WIRE
 - . ELECTROLYTES
 - . ANOLYTES
 - . CATHOLYTES
 - . ION EXCHANGE MEMBRANE
 - . ELECTROLYTES
 - . JUMPERS
 - . MOLTEN SALT ELECTROLYTES
 - . NONAQUEOUS ELECTROLYTES
 - . SOLID ELECTROLYTES
 - . FLAT CONDUCTORS
 - . BEAM LEADS
 - . PHOTOCONDUCTORS
 - . SUPERCONDUCTORS
 - . HIGH TEMPERATURE
 - . SUPERCONDUCTORS
 - . BSCCO SUPERCONDUCTORS
 - . YBCO SUPERCONDUCTORS
 - . ORGANIC SUPERCONDUCTORS
 - . THERMAL CONDUCTORS
- RT ANTENNAS
CONDUCTING FLUIDS
EXPLODING WIRES
METALS
NONFERROUS METALS
ORGANIC SEMICONDUCTORS
SEMICONDUCTORS (MATERIALS)
SUBREFLECTORS

CONES

- SN (LIMITED TO MATERIAL OBJECTS)

CONFIGURATION INTERACTION**CONES--(cont.)**

- UF CONICAL FLARE
FUSIFORM SHAPES
- GS CONES
CIRCULAR CONES
CONICAL BODIES
SLENDER CONES
NOSE CONES
ABLATIVE NOSE CONES
ROCKET NOSE CONES
SHATTER CONES
- RT AERODYNAMIC CONFIGURATIONS
BODIES OF REVOLUTION
CONICAL SHELLS
CONICS
FRUSTUMS
HALF CONES
MACH CONES
SYMMETRICAL BODIES

CONES (VOLCANOES)

- UF CINDER CONES
- GS GEOLOGY
CONES (VOLCANOES)
LANDFORMS
CONES (VOLCANOES)
- RT BASALT
CALDERAS
CRATERS
EFFUSIVES
GEOMORPHOLOGY
LAVA
MARS VOLCANOES
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOES
VOLCANOLOGY

CONFERENCES

- UF CONGRESSES
MEETINGS
PROCEEDINGS
SYMPOSIA
- RT COMMITTEE ON SPACE RESEARCH
CONSULTING
CONVENTIONS
- DISCUSSION
DOCUMENTATION
DOCUMENTS
PAPERS
REPORTS
STARSITE PROGRAM
TELECONFERENCING

CONFIDENCE

- RT CORRELATION
ERRORS
PROBABILITY THEORY
PSYCHOLOGICAL EFFECTS
QUALITY CONTROL
RELIABILITY
RISK
STATISTICAL ANALYSIS

CONFIDENCE LIMITS

- RT CONTINGENCY
ESTIMATES
FORECASTING
MAXIMUM LIKELIHOOD ESTIMATES
- MEASUREMENT
NULL HYPOTHESIS
PRECISION
PREDICTIONS
QUALITY CONTROL
RANGE (EXTREMES)
RELIABILITY
RISK
SAMPLING
SIGNIFICANCE
STANDARD DEVIATION
STATISTICAL ANALYSIS
STATISTICAL TESTS
- TESTS
VARIANCE (STATISTICS)

CONFIGURATION INTERACTION

- RT COMPUTATIONAL CHEMISTRY
ELECTRON ORBITALS
- INTERACTIONS
INTERMOLECULAR FORCES
MOLECULAR INTERACTIONS
MOLECULAR STRUCTURE

CONFIGURATION INTERACTION--(cont.)
∞STRUCTURES

CONFIGURATION MANAGEMENT
GS MANAGEMENT
RT **CONFIGURATION MANAGEMENT**
∞CONFIGURATIONS

CONFIGURATIONS
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
BODY-WING AND TAIL CONFIGURATIONS
CANARD CONFIGURATIONS
CONFIGURATION MANAGEMENT
LAUNCH VEHICLE CONFIGURATIONS
MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
SPACECRAFT CONFIGURATIONS
STAGGERING
TORPEDOES

CONFINEMENT
RT ASTRONAUT PERFORMANCE
CONTAINMENT
ISOLATION
MAGNETIC COMPRESSION
NUCLEAR REACTOR CONTROL
PLASMA CONTROL
PLASMA EQUILIBRIUM
SENSORY DEPRIVATION

CONFINING
RT ASTRONAUT PERFORMANCE
DEPRIVATION
ISOLATION
SENSORY DEPRIVATION

CONFIRMATION
USE PROVING

CONFLUENCE
USE CONVERGENCE

CONFORMAL MAPPING
UF CONFORMAL TRANSFORMATIONS
GS ANALYSIS (MATHEMATICS)
∞COMPLEX VARIABLES
∞**CONFORMAL MAPPING**
FUNCTIONS (MATHEMATICS)
RT **CONFORMAL MAPPING**
COORDINATE TRANSFORMATIONS
EULER-CAUCHY EQUATIONS
GRAPHS (CHARTS)
INVARIANT IMBEDDINGS
ISOPARAMETRIC FINITE ELEMENTS
JACOBI INTEGRAL
LIGHTHILL METHOD
MINIMAL SURFACES
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
THEODORSEN TRANSFORMATION

CONFORMAL TRANSFORMATIONS
USE CONFORMAL MAPPING

CONFUSION
RT ENTRAPMENT
TANGLING

CONGENERS
RT ∞CHEMICAL COMPOUNDS
CLASSIFICATIONS
ISOMERS
MUSCLES
TAUTOMERS

CONGENITAL ANOMALIES
UF CONGENITAL CONDITIONS
RT CHROMOSOMES
GENETICS
HEREDITY
RHESUS FACTOR

CONGENITAL CONDITIONS
USE CONGENITAL ANOMALIES

CONGESTION
RT CIRCULATION
ISCHEMIA
PNEUMONIA
RESPIRATORY DISEASES

CONGESTION--(cont.)
VASODILATION

CONGO (BRAZZAVILLE)
UF BRAZZAVILLE
FRENCH EQUATORIAL CONGO
GS NATIONS
RT **CONGO (BRAZZAVILLE)**
AFRICA

CONGO (KINSHASA)
USE ZAIRE

CONGRESSES
USE CONFERENCES

CONGRESSIONAL REPORTS
UF PROCEEDINGS
GS REPORTS
RT **CONGRESSIONAL REPORTS**
DOCUMENTS
PRESIDENTIAL REPORTS

CONGRUENCES
GS NUMBER THEORY
∞**CONGRUENCES**
RT ∞COHERENCE
COLLOCATION
DIVIDING (MATHEMATICS)
GEOMETRY
IDENTITIES
INTEGERS
SYMMETRY

CONICAL BODIES
UF CONOIDS
GS CONES
∞**CONICAL BODIES**
∞SLENDER CONES
SYMMETRICAL BODIES
BODIES OF REVOLUTION
RT **CONICAL BODIES**
∞SLENDER CONES
AFTERBODIES
AXISYMMETRIC BODIES

CONICAL CAMBER
GS CAMBER
RT **CONICAL CAMBER**
WING CAMBER

CONICAL FLARE
USE CONES

CONICAL FLOW
GS FLUID FLOW
∞**CONICAL FLOW**
RT AXISYMMETRIC FLOW
BAFFLES
∞DIFFUSERS
MULTIPHASE FLOW
SEPARATED FLOW
THREE DIMENSIONAL FLOW
WALL FLOW
WEDGE FLOW

CONICAL INLETS
GS INTAKE SYSTEMS
∞**CONICAL INLETS**
RT AIR INTAKES
CONICAL NOZZLES
FUNNELS

CONICAL NOZZLES
RT ANNULAR NOZZLES
CONICAL INLETS
CONVERGENT NOZZLES
CONVERGENT-DIVERGENT NOZZLES
DIVERGENT NOZZLES
EXHAUST DIFFUSERS
EXHAUST NOZZLES
HYPERSONIC NOZZLES
INLET NOZZLES
∞JET NOZZLES
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
∞NOZZLES
PLUG NOZZLES
ROCKET NOZZLES
SKIRTS
SONIC NOZZLES
SPIKE NOZZLES
SPRAY NOZZLES

CONICAL NOZZLES--(cont.)
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINE EXHAUST NOZZLES
WIND TUNNEL NOZZLES

CONICAL SCANNING
GS SCANNING
RT **CONICAL SCANNING**
EXAMINATION
FIELD OF VIEW
MONITORS
PANORAMIC SCANNING
RADAR SCANNING
READERS
READING
SCANNERS
SEARCHING
SURVEILLANCE

CONICAL SHELLS
GS SHELLS (STRUCTURAL FORMS)
RT **CONICAL SHELLS**
CONES

CONICS
GS GEOMETRY
∞EUCLIDEAN GEOMETRY
∞ANALYTIC GEOMETRY
∞**CONICS**
∞ELLIPSES
∞HYPERBOLAS
∞PARABOLAS
RT CONES
HALF CONES
LOCI

CONIFERS
GS PLANTS (BOTANY)
TREES (PLANTS)
RT **CONIFERS**
DECIDUOUS TREES
FORESTS
TIMBER IDENTIFICATION
∞TREES

CONJUGATE GRADIENT METHOD
GS ANALYSIS (MATHEMATICS)
∞NUMERICAL ANALYSIS
∞ITERATION
RT **CONJUGATE GRADIENT METHOD**
ALGORITHMS
CONJUGATES
GRADIENTS
ITERATIVE SOLUTION

CONJUGATE POINTS
GS ANALYSIS (MATHEMATICS)
∞COMPLEX VARIABLES
∞CONJUGATES
RT **CONJUGATE POINTS**
LINES OF FORCE
MAGNETIC FIELDS

CONJUGATED CIRCUITS
GS CIRCUITS
∞**CONJUGATED CIRCUITS**

CONJUGATES
GS ANALYSIS (MATHEMATICS)
∞COMPLEX VARIABLES
∞**CONJUGATES**
∞CONJUGATE POINTS
RT CHOLESKY FACTORIZATION
CONJUGATE GRADIENT METHOD
CONJUGATION
FINITE ELEMENT METHOD

CONJUGATION
GS **CONJUGATION**
∞PHASE CONJUGATION
∞FOUR-WAVE MIXING
RT CONJUGATES

CONJUNCTION
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BOOLEAN ALGEBRA
OCCULTATION
ORBITS
PROBABILITY THEORY
SET THEORY

CONJUNCTIVA

GS ANATOMY
 . SENSE ORGANS
 . . EYE (ANATOMY)
 . . . **CONJUNCTIVA**
 MEMBRANES
 **CONJUNCTIVA**
 RT CONJUNCTIVITIS
 . KERATITIS
 . VISION

CONJUNCTIVITIS

GS DISEASES
 . EYE DISEASES
 . . **CONJUNCTIVITIS**
 . . . INFECTIOUS DISEASES
 . . . **CONJUNCTIVITIS**
 RT BACTERIAL DISEASES
 . CONJUNCTIVA

CONNECTICUT

GS NATIONS
 . UNITED STATES
 . . **CONNECTICUT**
 RT NEW HAVEN (CT)

CONNECTION MACHINE

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . PARALLEL COMPUTERS
 MASSIVELY PARALLEL
 PROCESSORS
 **CONNECTION MACHINE**
 SUPERCOMPUTERS
 . . . **CONNECTION MACHINE**
 RT ARCHITECTURE (COMPUTERS)
 . INTERPROCESSOR COMMUNICATION
 . MULTIPROCESSING (COMPUTERS)
 . PARALLEL PROCESSING (COMPUTERS)

CONNECTIONS

USE JOINTS (JUNCTIONS)

CONNECTIVE TISSUE

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . **CONNECTIVE TISSUE**
 . . . BONE MARROW
 CARTILAGE
 COLLAGENS
 RT ADIPOSE TISSUES
 . BONES
 . EXOSKELETONS
 . JOINTS (ANATOMY)
 . LIGAMENTS
 . TENDONS

CONNECTORS

GS **CONNECTORS**
 . ELECTRIC CONNECTORS
 . . UMBILICAL CONNECTORS
 . . . UNIONS (CONNECTORS)
 RT ADAPTERS
 . CORDAGE
 . COUPLINGS
 . DISCONNECT DEVICES
 . FASTENERS
 . FITTINGS
 . FLANGES
 . FLAT CONDUCTORS
 . JOINTS (JUNCTIONS)
 . JUMPERS
 . . JUNCTIONS
 . . . LINKAGES
 SLEEVES
 TERMINALS
 YOKES

CONNECTORS (ELECTRIC)

USE ELECTRIC CONNECTORS

CONOIDS

USE CONICAL BODIES

CONSCIOUSNESS

GS PERCEPTION
 . SENSORY PERCEPTION
 . . **CONSCIOUSNESS**
 RT ATTENTION
 . MENTAL PERFORMANCE
 . RECOGNITION
 . SLEEP DEPRIVATION

CONSECUTIVE EVENTS

GS EVENTS
 . **CONSECUTIVE EVENTS**
 RT INTERVALS
 . PETRI NETS
 . PROBABILITY THEORY
 . SCHEDULING
 . SEQUENCING
 . SEQUENTIAL CONTROL
 . TIME MEASUREMENT

CONSERVATION

GS **CONSERVATION**
 . ENERGY CONSERVATION
 RT AGRICULTURE
 . DEFORESTATION
 . DROUGHT
 . ENERGY POLICY
 . ENVIRONMENT MANAGEMENT
 . FIREBREAKS
 . FOREST MANAGEMENT
 . FORESTS
 . HABITATS
 . LAND USE
 . NEWTON SECOND LAW
 . NONCONSERVATIVE FORCES
 . PARITY
 . POTABLE WATER
 . REGIONAL PLANNING
 . RURAL LAND USE
 . SOIL SCIENCE
 . SOILS
 . WATER MANAGEMENT
 . WATER RECLAMATION

CONSERVATION EQUATIONS

RT BERNOLLI THEOREM
 . CONTINUITY EQUATION
 . . EQUATIONS
 . . . NONCONSERVATIVE FORCES
 VORTICITY TRANSPORT HYPOTHESIS

CONSERVATION LAWS

GS LAWS
 . **CONSERVATION LAWS**
 RT MOMENTUM THEORY
 . NEWTON THEORY
 . . NONCONSERVATIVE FORCES

CONSISTENCY

RT ABILITIES
 . ACCURACY
 . COMPUTER SYSTEMS PERFORMANCE
 . EFFORT
 . ERRORS
 . LEVELING
 . LINEARITY
 . . MEASUREMENT
 . . . PERFORMANCE
 PRECISION
 QUALITY
 RATINGS
 RELIABILITY
 TOLERANCES (MECHANICS)
 VALIDITY
 VARIABILITY

CONSOLES

GS **CONSOLES**
 . REMOTE CONSOLES
 RT AUTOMATIC TYPEWRITERS
 . COMPUTER COMPONENTS
 . CONTROL BOARDS
 . DATA PROCESSING TERMINALS
 . DISPLAY DEVICES
 . . EQUIPMENT
 . . . HEAD-UP DISPLAYS
 MAN MACHINE SYSTEMS
 MANUAL CONTROL

CONSOLIDATION

RT . COMBINATION
 . DENSIFICATION
 . LIQUID PHASE SINTERING
 . OVERCONSOLIDATION
 . STABILIZATION

CONSONANTS (SPEECH)

RT SPEECH
 . VOWELS
 . WORDS (LANGUAGE)

CONSTANT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COEFFICIENTS
 . CONSTANTS
 . INVARIANCE
 . TIME CONSTANT

CONSTANT SPEED PROPELLERS

USE VARIABLE PITCH PROPELLERS

CONSTANT VOLUME BALLOONS

USE SUPERPRESSURE BALLOONS

CONSTANTAN

GS ALLOYS
 . **CONSTANTAN**
 RT COPPER
 . NICKEL
 . THERMOCOUPLES

CONSTANTS

GS **CONSTANTS**
 . BOHR MAGNETON
 . GRAVITATIONAL CONSTANT
 . GRUNEISEN CONSTANT
 . HUBBLE CONSTANT
 . PLANCKS CONSTANT
 . SOLAR CONSTANT
 . TIME CONSTANT
 . . PERCEPTUAL TIME CONSTANT
 RT COEFFICIENTS
 . . CONSTANT

CONSTELLATIONS

GS **CONSTELLATIONS**
 . ANDROMEDA CONSTELLATION
 . ARIES CONSTELLATION
 . AURIGA CONSTELLATION
 . CASSIOPEIA CONSTELLATION
 . CENTAURUS CONSTELLATION
 . CEPHEUS CONSTELLATION
 . CORONA BOREALIS CONSTELLATION
 . CYGNUS CONSTELLATION
 . LYRA CONSTELLATION
 . ORION CONSTELLATION
 . SAGITTARIUS CONSTELLATION
 . SCORPIUS CONSTELLATION
 . SCUTUM CONSTELLATION
 . TAURUS CONSTELLATION
 RT CELESTIAL SPHERE
 . PLANISPHERES
 . STARS
 . ZODIAC

CONSTITUTION

RT ATOMIC STRUCTURE
 . GOVERNMENTS
 . LAW (JURISPRUDENCE)

CONSTITUTIONAL DIAGRAMS

USE PHASE DIAGRAMS

CONSTITUTIVE EQUATIONS

RT ELECTRIC FIELDS
 . . EQUATIONS
 . . . MAGNETIC CHARGE DENSITY
 MAGNETIC FIELDS
 MAGNETIC FLUX

CONSTRAINTS

UF HINDRANCE
 . LIMITATIONS
 . RESTRAINTS
 GS **CONSTRAINTS**
 . METEOROLOGICAL PARAMETERS
 . . BRUNT-VAISALA FREQUENCY
 RT BLOCKING
 . CONSTRICTIONS
 . DYNAMIC PROGRAMMING
 . . HOLDING
 . . . LINEAR PROGRAMMING
 NONLINEAR PROGRAMMING
 OPERATIONS RESEARCH
 OPTIMIZATION
 PENALTY FUNCTION
 RANGE (EXTREMES)
 RETAINING

CONSTRICTIONS

UF RESTRICTIONS
 RT . BARRIERS
 . . BLOCKING

CONSTRUCTIONS--(cont.)

CHOKES (RESTRICTIONS)
CLOSURES
CONSTRAINTS
CONTRACTS
IMPEDANCE
PLUGGING
∞ RESISTANCE
RETARDERS (DEVICES)
SEALS (STOPPERS)
STOPPING

CONSTRUCTORS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
MUSCLES
CONSTRUCTORS

CONSTRUCTION

SN (EXCLUDES TYPES OF STRUCTURES)
UF ERECTION
RT ARCHITECTURE
ASSEMBLING
BRIDGES (STRUCTURES)
BUILDINGS
CAISSONS
CONCRETE STRUCTURES
∞ CONSTRUCTION MATERIALS
CONTRACTORS
CONTRACTS
∞ DESIGN
EXCAVATION
FABRICATION
HIGHWAYS
INSPECTION
INSTALLING
LAYOUTS
MAINTENANCE
MASONRY
QUALITY CONTROL
RECONSTRUCTION
RIGGING
SHIPYARDS
SPACE MANUFACTURING
STARSITE PROGRAM
STEEL STRUCTURES
STRESS ANALYSIS
STRUCTURAL ANALYSIS
STRUCTURAL DESIGN
STRUCTURAL ENGINEERING
STRUCTURAL MEMBERS
SURVEYS
TUNNELING (EXCAVATION)
WELDING

CONSTRUCTION IN SPACE

USE ORBITAL ASSEMBLY

CONSTRUCTION INDUSTRY

GS INDUSTRIES
CONSTRUCTION INDUSTRY
RT BRIDGES (STRUCTURES)
BUILDINGS
CONTRACTORS
INDUSTRIAL AREAS
INDUSTRIAL PLANTS
TOWERS
TRUSSES

∞ CONSTRUCTION MATERIALS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF BUILDING MATERIALS
STRUCTURAL MATERIALS
RT AGGREGATES
AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT SURVIVABILITY
AIRFRAME MATERIALS
ARCHITECTURE
BITUMENS
BOARDS (PAPER)
BRICKS
CEMENTS
COMPOSITE MATERIALS
CONCRETES
CONSTRUCTION
GRAPHITE-EPOXY COMPOSITES
GROUT
INSULATION
LATHES
MASONITE (TRADEMARK)
MASONRY
∞ MATERIALS
PANELS

CONSTRUCTION MATERIALS--(cont.)

PLASTICS
POLYMER MATRIX COMPOSITES
PROTECTIVE COATINGS
REACTOR MATERIALS
SKIN (STRUCTURAL MEMBER)
SPACECRAFT CONSTRUCTION
MATERIALS
STRUCTURAL MEMBERS

CONSULTING

RT CONFERENCES
MANAGEMENT PLANNING
PERSONNEL
RESOURCES

CONSUMABLES (SPACECRAFT)

GS CONSUMABLES (SPACECRAFT)
STORABLE PROPELLANTS
RT CONSUMABLES (SPACECREW SUPPLIES)
PROPELLANT STORAGE
SPACE LOGISTICS
WORKING FLUIDS

CONSUMABLES (SPACECREW SUPPLIES)

GS CONSUMABLES (SPACECREW SUPPLIES)
SPACE RATIONS
RT CLOTHING
CONSUMABLES (SPACECRAFT)
DEHYDRATED FOOD
∞ FOOD
FOOD PRODUCTION (IN SPACE)
HYGIENE
POTABLE WATER
PROVISIONING
SANITATION
SPACE FLIGHT FEEDING
SPACE LOGISTICS
SURVIVAL EQUIPMENT

CONSUMERS

RT CONSUMPTION
MARKET RESEARCH
MARKETING
PRODUCT DEVELOPMENT

CONSUMPTION

GS CONSUMPTION
ENERGY CONSUMPTION
FUEL CONSUMPTION
OXYGEN CONSUMPTION
WATER CONSUMPTION
RT COMMERCE
CONSUMERS
DEMAND (ECONOMICS)
DEPLETION
EXHAUSTING
EXHAUSTION
SUPPLYING
UTILIZATION

CONTACT DERMATITIS

GS DISEASES
INFECTIOUS DISEASES
DERMATITIS
CONTACT DERMATITIS
RT ALLERGIC DISEASES
DERMATOLOGY
EPIDERMIS
ITCHING
SKIN (ANATOMY)

CONTACT LENSES

GS LENSES
CONTACT LENSES
RT EYEPICES
RETICLES

CONTACT LOADS

GS LOADS (FORCES)
DYNAMIC LOADS
CONTACT LOADS
ROLLING CONTACT LOADS
RT COMPRESSION LOADS
DYNAMIC PRESSURE
IMPACT LOADS
RANDOM LOADS
SHOCK LOADS
∞ SLIDING CONTACT
TRANSIENT LOADS

CONTACT POTENTIALS

GS POTENTIAL ENERGY
ELECTRIC POTENTIAL

CONTACT POTENTIALS--(cont.)

CONTACT POTENTIALS
RT ELECTRIC CONTACTS
SURFACE PROPERTIES

CONTACT RESISTANCE

GS ELECTRICAL PROPERTIES
ELECTRICAL IMPEDANCE
ELECTRICAL RESISTANCE
CONTACT RESISTANCE
IMPEDANCE
ELECTRICAL IMPEDANCE
ELECTRICAL RESISTANCE
CONTACT RESISTANCE
RT ELECTRIC CONTACTS
NONOHMIC EFFECT
∞ RESISTANCE
SURFACE PROPERTIES

CONTACTORS

SN (EXCLUDES ELECTRIC SWITCHES)
RT CARBURETORS
CHEMICAL REACTORS
COLUMNS (PROCESS ENGINEERING)
ELECTRIC SWITCHES
MIXERS
SPRAYERS

CONTACTS (ELECTRIC)

USE ELECTRIC CONTACTS

CONTACTS (GEOLOGY)

RT FORMATIONS
GEOLOGY
METAMORPHISM (GEOLOGY)
MINERAL DEPOSITS
ROCK INTRUSIONS
ROCKS

CONTAINERLESS MELTS

GS MELTS (CRYSTAL GROWTH)
CONTAINERLESS MELTS
RT CRYSTAL GROWTH
CRYSTALLIZATION
CRYSTALS
DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
LIQUID BRIDGES
LOW GRAVITY MANUFACTURING
MANUFACTURING
MELTING
ORBITAL WORKSHOPS
SPACE PROCESSING
WEIGHTLESSNESS

∞ CONTAINERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF RECEPTACLES (CONTAINERS)
RT AMPOULES
AUTOCLAVES
BAGS
BARRELS (CONTAINERS)
BASKETS
BIOPAKS
BOTTLES
BOXES (CONTAINERS)
BUNDLES
CANS
CAPSULES
CARTRIDGES
CASES (CONTAINERS)
CRUCIBLES
DISPOSAL
DRUMS (CONTAINERS)
ENCLOSURES
FUEL TANKS
GLASSWARE
HOPPERS
HOUSINGS
MATERIALS HANDLING
MICROMODULES
PACKAGES
PACKAGING
PRESERVING
PRESSURE VESSELS
PROTECTORS
REELS
SPOOLS
SPRAYERS
TANKS (CONTAINERS)
TRANSPORTER
TRAYS
WING TANKS

CONTAINMENT

RT ASTEROID CAPTURE
BLOCKING
BURST TESTS
CONFINEMENT
RETAINING
SEALING
STOPPING

CONTAMINANTS

UF NOXIOUS MATERIALS
POLLUTANTS
GS **CONTAMINANTS**
. RADIOACTIVE CONTAMINANTS
. TRACE CONTAMINANTS
RT CHLOROFLUOROCARBONS
CHLOROFLUOROMETHANE
CONTAMINATION
DECONTAMINATION
DILUENTS
DIRT
DUST
EFFLUENTS
ENVIRONMENT EFFECTS
ENVIRONMENTAL QUALITY
FUEL CONTAMINATION
IMPURITIES
∞ MATERIALS
NONPOINT SOURCES
PARTICULATES
POLLUTION
PURITY
QUALITY
WASTES
WATER TREATMENT

CONTAMINATION

GS **CONTAMINATION**
. FUEL CONTAMINATION
. SPACECRAFT CONTAMINATION
RT AIR POLLUTION
ANTIFOULING
ANTIINFECTIVES AND ANTIBACTERIALS
CONTAMINANTS
DECONTAMINATION
ENVIRONMENT EFFECTS
FOULING
INTRUSION
MOLECULAR SHIELDS
NONPOINT SOURCES
POLLUTION
PURITY
RADIOACTIVE WASTES
WATER POLLUTION

CONTENT

GS **CONTENT**
. BONE MINERAL CONTENT
RT ∞ COMPONENTS
∞ COMPOSITION
INGREDIENTS

CONTEXT

RT NATURAL LANGUAGE (COMPUTERS)
PATTERN RECOGNITION

CONTEXT FREE LANGUAGES

GS LANGUAGES
. PROGRAMMING LANGUAGES
. **CONTEXT FREE LANGUAGES**
RT COMPUTER PROGRAMMING
SYMBOLIC PROGRAMMING

CONTINENTAL DRIFT

RT CONTINENTS
EARTH CRUST
EARTH PLANETARY STRUCTURE
GEOMAGNETISM
GEOPHYSICS
PALEOMAGNETISM

CONTINENTAL MARGINS

USE CONTINENTAL SHELVES

CONTINENTAL SHELVES

UF CONTINENTAL MARGINS
RT GEOLOGY
OCEAN BOTTOM
SEAMOUNTS
∞ SHELVES

CONTINENTS

GS **CONTINENTS**
. AFRICA

CONTINENTS--(cont.)

. ASIA
. AUSTRALIA
. EUROPE
. NORTH AMERICA
. SOUTH AMERICA
RT ANTARCTIC REGIONS
CENTRAL EUROPE
CONTINENTAL DRIFT
CRATONS
GEOGRAPHY
MOUNTAINS
TRANSCONTINENTAL SYSTEMS

CONTINGENCY

RT CONFIDENCE LIMITS
CORRELATION
ESTIMATES
EXPECTATION
MATERIALS HANDLING
PREDICTIONS
RESERVES
RISK

CONTINUITY

RT CONTINUITY (MATHEMATICS)
COORDINATION
SCHEDULING
TOPOLOGY
VARIABILITY

CONTINUITY (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
. CALCULUS
. **CONTINUITY (MATHEMATICS)**
RT CONTINUITY
FUNCTIONS (MATHEMATICS)
ISOPERIMETRIC PROBLEM
NORMAL DENSITY FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
REGULARITY
STATISTICAL ANALYSIS
SYMMETRY
TOPOLOGY

CONTINUITY EQUATION

RT CONSERVATION EQUATIONS
CONTINUUM MECHANICS
CROCCO-LEE THEORY
∞ EQUATIONS
EQUATIONS OF MOTION
EQUATIONS OF STATE
FLUID DYNAMICS
NONCONSERVATIVE FORCES
STEADY FLOW

CONTINUOUS FLOW ELECTROPHORESIS

USE ELECTROPHORESIS

CONTINUOUS NOISE

RT ∞ NOISE
NOISE PROPAGATION
SOUND GENERATORS

CONTINUOUS RADIATION

UF CONTINUOUS WAVES
GS **CONTINUOUS RADIATION**
. MODULATED CONTINUOUS RADIATION
RT ABSORPTION SPECTRA
BACKGROUND RADIATION
COHERENT RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
EMISSION SPECTRA
PULSED RADIATION
∞ RADIATION
∞ RAYS

CONTINUOUS SPECTRA

GS SPECTRA
. **CONTINUOUS SPECTRA**
RT ASTRONOMICAL SPECTROSCOPY
SOLAR SPECTRA
SPECTRAL EMISSION
STELLAR SPECTRA

CONTINUOUS WAVE LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. **CONTINUOUS WAVE LASERS**
RT ARGON LASERS
CARBON DIOXIDE LASERS

CONTINUOUS WAVE LASERS--(cont.)

CARBON MONOXIDE LASERS
LASER STABILITY
SOLID STATE LASERS

CONTINUOUS WAVE RADAR

UF CW RADAR
GS RADAR
. **CONTINUOUS WAVE RADAR**
RT COHERENT RADAR
DOPPLER RADAR
PULSE RADAR
RADAR DETECTION
RADAR RANGE
SEARCH RADAR
SURVEILLANCE RADAR
TRACKING RADAR

CONTINUOUS WAVES

USE CONTINUOUS RADIATION

CONTINUUM FLOW

GS FLUID FLOW
. GAS FLOW
. **CONTINUUM FLOW**
RT FREE MOLECULAR FLOW
MOLECULAR FLOW
RAREFIED GAS DYNAMICS
SLIP FLOW

CONTINUUM MECHANICS

RT BURGER EQUATION
CLASSICAL MECHANICS
CONTINUITY EQUATION
CONTINUUM MODELING
∞ DYNAMICS
FLOW THEORY
FLUID MECHANICS
MAXWELL BODIES
∞ MECHANICS (PHYSICS)
MULTIPOLAR FIELDS
SOLID MECHANICS
STATISTICAL MECHANICS
STRESS TENSORS

CONTINUUM MODELING

RT CONTINUUM MECHANICS
CONTINUUMS
LARGE SPACE STRUCTURES
MATHEMATICAL MODELS
STRUCTURAL ANALYSIS

CONTINUUMS

RT CONTINUUM MODELING
PROBABILITY THEORY
REAL VARIABLES
RELATIVITY
TOPOLOGY

CONTOUR SENSORS

RT BOUNDARIES
CONCAVITY
CONTOURS
CONVEXITY
IMAGERY
IMAGES
∞ SENSORS
SHAPES
TOPOGRAPHY

CONTOURS

UF CURVED SURFACES
RT CONCAVITY
CONTOUR SENSORS
CONVEXITY
CURVED PANELS
DATUM (ELEVATION)
ELEVATION
FLATNESS
GEOMORPHOLOGY
HYPSONOGRAPHY
MAPPING
ROUGHNESS
SHAPES
TOPOGRAPHY

CONTRACT INCENTIVES

GS INCENTIVES
. **CONTRACT INCENTIVES**
MOTIVATION
. **CONTRACT INCENTIVES**

CONTRACT MANAGEMENT

GS MANAGEMENT

CONTRACT MANAGEMENT--(cont.)**CONTRACT MANAGEMENT**

RT CONTRACTS
DECISION MAKING
DECISIONS
PERT
PROJECT MANAGEMENT
SCHEDULES
SUBCONTRACTS
SYSTEMS ENGINEERING

CONTRACT NEGOTIATION

RT CONTRACTORS
CONTRACTS
DECISION MAKING
GOVERNMENT/INDUSTRY RELATIONS
INDUSTRIES
MANAGEMENT
MANUFACTURING
SUBCONTRACTS

CONTRACTION

RT COOLING
∞ REDUCTION
SHRINKAGE
SPASMS

CONTRACTORS

RT COLUMNS (PROCESS ENGINEERING)
CONSTRUCTION
CONSTRUCTION INDUSTRY
CONTRACT NEGOTIATION
CONTRACTS
GOVERNMENT/INDUSTRY RELATIONS
INDUSTRIES
QUALIFICATIONS
SUBCONTRACTS
TRANSPORTATION

CONTRACTS

GS **CONTRACTS**
INSURANCE (CONTRACTS)
SUBCONTRACTS
RT AGREEMENTS
CANCELLATION
CONSTRUCTIONS
CONSTRUCTION
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
CONTRACTORS
ESTIMATES
ESTIMATING
EXTENSIONS
FEDERAL BUDGETS
GOVERNMENT PROCUREMENT
GOVERNMENT/INDUSTRY RELATIONS
GRANTS
LEASING
LEGAL LIABILITY
OPTIONS
PROCUREMENT
PROJECTS
PROPOSALS
REVISIONS
SUPPLEMENTS

CONTRAILS

UF CONDENSATION TRAILS
VAPOR TRAILS
RT CONDENSATES
WAKES

CONTRALATERAL FUNCTIONS

RT ∞ FUNCTIONS

CONTRAROTATING PROPELLERS

GS PROPELLERS
CONTRAROTATING PROPELLERS
RT PROPELLER DRIVE
PROPELLER EFFICIENCY
TURBOPROP ENGINES

CONTRAST

GS **CONTRAST**
IMAGE CONTRAST
PHASE CONTRAST
RT CHARACTER RECOGNITION
COLOR
LEGIBILITY
PERCEPTION
PRINTING
RESOLUTION
∞ SHARPNESS
VISIBILITY
VISION

CONTROL

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF CONTROL SYSTEMS
CONTROLLED STABILITY
REGULATION
RT ACCESS CONTROL
ACTIVE CONTROL
ADAPTIVE CONTROL
AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT CONTROL
ALTITUDE CONTROL
APPROACH CONTROL
ASTRONOMICS
ATTITUDE CONTROL
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
AUTOMATIC FLIGHT CONTROL
AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL
AVIONICS
BIOFEEDBACK
BOUNDARY LAYER CONTROL
CASCADE CONTROL
CHEMICAL REACTION CONTROL
CIRCULATION CONTROL AIRFOILS
CIRCULATION CONTROL ROTORS
COMBUSTION CONTROL
COMMAND AND CONTROL
CONTROL BOARDS
CONTROL CONFIGURED VEHICLES
CONTROL DATA (COMPUTERS)
CONTROL EQUIPMENT
CONTROL MOMENT GYROSCOPES
CONTROL ROCKETS
CONTROL RODS
CONTROL SIMULATION
CONTROL STABILITY
CONTROL STICKS
CONTROL SURFACES
CONTROL SYSTEMS DESIGN
CONTROL THEORY
CONTROL UNITS (COMPUTERS)
CONTROL VALVES
CONTROLLABILITY
CONTROLLED ATMOSPHERES
CONTROLLED FUSION
CONTROLLERS
CRITICAL PATH METHOD
CYBERNETICS
DIRECT LIFT CONTROLS
DIRECTIONAL CONTROL
DYNAMIC CHARACTERISTICS
DYNAMIC CONTROL
ELECTRIC CONTROL
ELECTRONIC CONTROL
ELEVATORS (CONTROL SURFACES)
ENGINE CONTROL
ENVIRONMENTAL CONTROL
FEEDBACK CONTROL
FEEDFORWARD CONTROL
FIRE CONTROL
FIRE CONTROL CIRCUITS
FLAPS (CONTROL SURFACES)
FLIGHT CONTROL
FLOOD CONTROL
FLUIDICS
FLY BY TUBE CONTROL
FLY BY WIRE CONTROL
FREQUENCY CONTROL
FUEL CONTROL
GROUND BASED CONTROL
HARMONIC CONTROL
HELICOPTER CONTROL
HYDRAULIC CONTROL
INTEGRATED MISSION CONTROL
CENTER
INTERACTIVE CONTROL
INVENTORY CONTROLS
JET CONTROL
LATERAL CONTROL
LINEAR QUADRATIC GAUSSIAN
CONTROL
LINEAR QUADRATIC REGULATOR
LONGITUDINAL CONTROL
MAGNETIC CONTROL
MANUAL CONTROL
MIMO (CONTROL SYSTEMS)
MISSILE CONTROL
MODEL REFERENCE ADAPTIVE
CONTROL
MULTIVARIABLE CONTROL
NETWORK CONTROL
NUCLEAR REACTOR CONTROL

CONTROL--(cont.)

NUMERICAL CONTROL
OFF-ON CONTROL
OPTICAL CONTROL
OPTIMAL CONTROL
PAYLOAD CONTROL
PHASE CONTROL
PLASMA CONTROL
PNEUMATIC CONTROL
POINTING CONTROL SYSTEMS
POLLUTION CONTROL
POROUS BOUNDARY LAYER CONTROL
PROCESS CONTROL (INDUSTRY)
PROPORTIONAL CONTROL
QUALITY CONTROL
RADAR APPROACH CONTROL
RADIO CONTROL
∞ REACTION CONTROL
REGULATIONS
REGULATORS
REGULATORY MECHANISMS (BIOLOGY)
REMOTE CONTROL
ROBOT CONTROL
ROCKET ENGINE CONTROL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL
SCHEDULING
SELF ADAPTIVE CONTROL SYSTEMS
SEQUENTIAL CONTROL
SERVOCONTROL
SERVOMECHANISMS
SHAPE CONTROL
SHOCK WAVE CONTROL
SISO (CONTROL SYSTEMS)
SPACECRAFT CONTROL
SPECTRAL SHIFT CONTROL
SPECTRAL SHIFT CONTROL REACTOR
SPEED CONTROL
STABILIZATION
STEERING
SUBMARINE INTEGRATED CONTROL
PROJECT
SYSTEMS ENGINEERING
TABS (CONTROL SURFACES)
TEMPERATURE CONTROL
THERMAL CONTROL COATINGS
THRUST CONTROL
THRUST VECTOR CONTROL
TIME OPTIMAL CONTROL
TRAFFIC CONTROL
TRAJECTORY CONTROL
TRANSIT ATTITUDE CONTROL
SATELLITE
TRANSPONDER CONTROL GROUP
TURBOJET ENGINE CONTROL
VARIABLE STREAM CONTROL ENGINES
VISUAL CONTROL
VOICE CONTROL
WAVE INCIDENCE CONTROL
WEATHER MODIFICATION

CONTROL BOARDS

UF CONTROL PANELS
RT CONSOLES
∞ CONTROL
DISPLAY DEVICES
MANUAL CONTROL
REMOTE CONTROL

CONTROL CONFIGURED VEHICLES

RT AIRCRAFT CONFIGURATIONS
AIRCRAFT DESIGN
∞ CONTROL
FLIGHT CONTROL
TECHNOLOGY UTILIZATION
∞ VEHICLES

CONTROL DATA (COMPUTERS)

RT COMPUTERS
∞ CONTROL
∞ DATA
DATA SYSTEMS

CONTROL DEVICES

USE CONTROL EQUIPMENT

CONTROL EQUIPMENT

UF CONTROL DEVICES
GS **CONTROL EQUIPMENT**
CONTROL STICKS
CRYOSTATS
PRESSURE REGULATORS
PRESSURE SWITCHES
SERVOAMPLIFIERS
SPEED REGULATORS

CONTROL EQUIPMENT--(cont.)

RT TELEOPERATORS
THERMOSTATS
AIRCRAFT CONTROL
AUTOMATIC CONTROL
∞CONTROL
∞EFFECTORS
ELECTRIC CONTROL
ELECTRONIC CONTROL
FEEDBACK CONTROL
MANIPULATORS
MANUAL CONTROL
NONLINEAR SYSTEMS
OFF-ON CONTROL
OPTICAL CONTROL
PNEUMATIC CONTROL
PROPORTIONAL CONTROL
RECORDING INSTRUMENTS
SPEED CONTROL
TRANSDUCERS

CONTROL MOMENT GYROSCOPES

GS GYROSCOPES
CONTROL MOMENT GYROSCOPES
RT ATTITUDE CONTROL
ATTITUDE GYROS
ATTITUDE INDICATORS
∞CONTROL
EQUATIONS OF MOTION
GIMBALS
GYRODAMPERS
INDICATING INSTRUMENTS
MEASURING INSTRUMENTS
NUTATION DAMPERS
SERVOCONTROL
SERVOMECHANISMS

CONTROL PANELS

USE CONTROL BOARDS

CONTROL ROCKETS

UF STEERING ROCKETS
GS ENGINES
TORPEDO ENGINES
VERNIER ENGINES
CONTROL ROCKETS
RT ∞CONTROL
RETROCKET ENGINES
STEERING
THRUST CONTROL
VARIABLE THRUST

CONTROL RODS

GS RODS
CONTROL RODS
RT ∞CONTROL
NEUTRON ABSORBERS
NUCLEAR REACTOR CONTROL
NUCLEAR REACTORS
POISONING (REACTION INHIBITION)
REACTOR CORES
REACTOR SAFETY

CONTROL SIMULATION

GS SIMULATION
CONTROL SIMULATION
SIMULATORS
CONTROL SIMULATION
RT AIRCRAFT CONTROL
COMPUTERIZED SIMULATION
∞CONTROL
FLIGHT SIMULATION
FLIGHT SIMULATORS
MOTION SIMULATORS
SPACECRAFT CONTROL
SPACECRAFT MANEUVERS
TRAINING SIMULATORS

CONTROL STABILITY

GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
CONTROL STABILITY
STABILITY
DYNAMIC STABILITY
CONTROL STABILITY
RT AIRCRAFT CONTROL
AIRCRAFT SPIN
AIRCRAFT STABILITY
∞CONTROL
CONTROLLABILITY
FLIGHT CONTROL
LOOP TRANSFER RECOVERY
MIMO (CONTROL SYSTEMS)
MOTION STABILITY
NYQUIST DIAGRAM

CONTROL STABILITY--(cont.)

PILOT INDUCED OSCILLATION
ROBUSTNESS (MATHEMATICS)
SAMPLED DATA SYSTEMS
SISO (CONTROL SYSTEMS)
SPACECRAFT MOTION
SPACECRAFT STABILITY
STABILITY AUGMENTATION
SYSTEMS STABILITY

CONTROL STICKS

GS CONTROL EQUIPMENT
CONTROL STICKS
RT AIRCRAFT CONTROL
FLIGHT CONTROL
MANUAL CONTROL

CONTROL SURFACES

GS CONTROL SURFACES
AILERONS
FLAPERONS
SPOILER SLOT AILERONS
ELEVATORS (CONTROL SURFACES)
ELEVONS
FLAPS (CONTROL SURFACES)
EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS
FLAPERONS
JET FLAPS
SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS
TRAILING EDGE FLAPS
VORTEX FLAPS
GUIDE VANES
JET VANES
HORIZONTAL TAIL SURFACES
RUDDERS
AERIAL RUDDERS
MARINE RUDDERS
SPOILERS
TABS (CONTROL SURFACES)
RT AERODYNAMIC BRAKES
AERODYNAMIC CONFIGURATIONS
AERODYNAMIC INTERFERENCE
AERODYNAMICS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOILS
AIRFRAMES
BLUNT TRAILING EDGES
BOUNDARY LAYER CONTROL
CANARD CONFIGURATIONS
∞CONTROL
DRAG DEVICES
FINS
FIRES
FLIGHT CONTROL
FREE WING AIRCRAFT
GUIDANCE (MOTION)
NOSE FINS
STABILIZERS (FLUID DYNAMICS)
∞SURFACES
SWEEPBACK TAIL SURFACES
T TAIL SURFACES
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES
VANES
WINGS

CONTROL SYSTEMS

USE CONTROL

CONTROL SYSTEMS DESIGN

GS SYSTEMS ENGINEERING
CONTROL SYSTEMS DESIGN
RT AEROSPACE SYSTEMS
AUTOMATIC CONTROL
∞AUTOMATION
BIONICS
BOND GRAPHS
∞CONTROL
CONTROL THEORY
CONTROLLERS
CYBERNETICS
∞DESIGN
DESIGN ANALYSIS
ELECTRIC CONTROL
ELECTRONIC CONTROL
FEEDBACK CONTROL
GENETIC ALGORITHMS
H-INFINITY CONTROL

CONTROL SYSTEMS DESIGN--(cont.)

LINEAR QUADRATIC GAUSSIAN
CONTROL
LINEAR QUADRATIC REGULATOR
LOOP TRANSFER FUNCTIONS
LOOP TRANSFER RECOVERY
MATHEMATICAL MODELS
MIMO (CONTROL SYSTEMS)
NUMERICAL CONTROL
OPERATIONS RESEARCH
OPTIMAL CONTROL
PARAMETER IDENTIFICATION
ROBOT CONTROL
SISO (CONTROL SYSTEMS)
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS INTEGRATION

CONTROL THEORY

RT ADAPTIVE CONTROL
CLOSED CYCLES
CONTROL SIMULATION
CONTROL SYSTEMS DESIGN
CONTROLLABILITY
DISTRIBUTED PARAMETER SYSTEMS
DYNAMIC CONTROL
DYNAMICAL SYSTEMS
FEEDBACK
FEEDBACK CONTROL
FEEDFORWARD CONTROL
H-INFINITY CONTROL
INTERACTIVE CONTROL
LINEAR QUADRATIC GAUSSIAN
CONTROL
LINEAR QUADRATIC REGULATOR
LOOP TRANSFER RECOVERY
MIMO (CONTROL SYSTEMS)
MODEL REFERENCE ADAPTIVE
CONTROL
MULTIVARIABLE CONTROL
OBSERVABILITY (SYSTEMS)
OFF-ON CONTROL
OPTIMAL CONTROL
ROBOT CONTROL
ROBUSTNESS (MATHEMATICS)
SAMPLED DATA SYSTEMS
SERVOCONTROL
SHAPE CONTROL
SISO (CONTROL SYSTEMS)
∞THEORIES
TRACKING PROBLEM

CONTROL UNITS (COMPUTERS)

RT CENTRAL PROCESSING UNITS
COMPUTER COMPONENTS
COMPUTERS
∞CONTROL
DATA PROCESSING EQUIPMENT

CONTROL VALVES

GS VALVES
CONTROL VALVES
RT ACTUATORS
∞CONTROL
PNEUMATIC CONTROL

CONTROLLABILITY

UF HANDLING QUALITIES
RT AIRCRAFT CONTROL
AIRCRAFT LANDING
AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
AIRCRAFT SPIN
AIRCRAFT STABILITY
∞CONTROL
CONTROL STABILITY
CONTROL THEORY
DIRECTIONAL STABILITY
FLIGHT CHARACTERISTICS
HELICOPTER CONTROL
HELICOPTER PERFORMANCE
LIQUID SLOSHING
LOW SPEED STABILITY
MANEUVERABILITY
QUALITY
SPACECRAFT RELIABILITY
STABILITY
STEERING
WHEEL BRAKES

CONTROLLED ATMOSPHERES

GS CONTROLLED ATMOSPHERES
ARGON-OXYGEN ATMOSPHERES
CABIN ATMOSPHERES
SPACECRAFT CABIN ATMOSPHERES

CONTROLLED ATMOSPHERES--(cont.)

. HELIUM-OXYGEN ATMOSPHERES
 . INERT ATMOSPHERE
 RT AIR CONDITIONING
 ∞ ATMOSPHERES
 ∞ BLANKETS
 CLEAN ROOMS
 ∞ CONTROL
 ENVIRONMENTS
 FURNACES
 GAS MIXTURES
 GNOTOBIOTICS
 OXYGEN SUPPLY EQUIPMENT
 SPACECRAFT ENVIRONMENTS

CONTROLLED AVALANCHE TRANSIT TIME DEVICES

USE CATT DEVICES

CONTROLLED FUSION

SN (CONTROLLED NUCLEAR FUSION)
 GS NUCLEAR REACTIONS
 . THERMONUCLEAR REACTIONS
 . . . NUCLEAR FUSION
 . . . **CONTROLLED FUSION**
 RT ∞ CONTROL
 JOINT EUROPEAN TORUS
 LIMITERS (FUSION REACTORS)
 PLASMA COMPRESSION
 PLASMA COOLING
 PLASMA CURRENTS
 PLASMA PHYSICS
 RELATIVISTIC ELECTRON BEAMS
 STRONGLY COUPLED PLASMAS
 THERMONUCLEAR POWER GENERATION
 ZETA PINCH

CONTROLLED STABILITY

USE CONTROL

CONTROLLERS

SN (LIMITED TO DEVICES AND CONTROL THEORY)
 GS **CONTROLLERS**
 . POWER FACTOR CONTROLLERS
 . SERVOMECHANISMS
 . . . SERVOAMPLIFIERS
 . . . SERVOMOTORS
 RT ACTUATORS
 ANALYZERS
 AUTOMATIC CONTROL
 ∞ AUTOMATION
 ∞ CONTROL
 CONTROL SYSTEMS DESIGN
 CRYOSTATS
 CURRENT REGULATORS
 CYBERNETICS
 ELECTRONIC CONTROL
 H-INFINITY CONTROL
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 ∞ INSTRUMENTS
 LINEAR QUADRATIC REGULATOR
 MEASURING INSTRUMENTS
 OPTICAL CONTROL
 PNEUMATIC CONTROL
 PRESSURE REGULATORS
 PROGRAMMABLE LOGIC DEVICES
 PROPELLANT ACTUATED INSTRUMENTS
 REGULATORS
 REMOTE CONTROL
 ROCKET-BORNE INSTRUMENTS
 SPEED CONTROL
 SPEED REGULATORS
 TEMPERATURE CONTROL
 THERMOSTATS
 VOLTAGE REGULATORS

CONVAIR MILITARY AIRCRAFT

USE GENERAL DYNAMICS AIRCRAFT
 MILITARY AIRCRAFT

CONVAIR 340 AIRCRAFT

USE CV-340 AIRCRAFT

CONVAIR 440 AIRCRAFT

USE CV-440 AIRCRAFT

CONVAIR 880 AIRCRAFT

USE CV-880 AIRCRAFT

CONVAIR 990 AIRCRAFT

USE CV-990 AIRCRAFT

CONVECTION

GS **CONVECTION**
 . FORCED CONVECTION
 . FREE CONVECTION
 . . . RAYLEIGH-BENARD CONVECTION
 . . . BENARD CELLS
 . . . MARANGONI CONVECTION
 . . . STELLAR CONVECTION
 . . . SOLAR CONVECTION (ASTRONOMY)
 RT ADVECTION
 BASE HEATING
 BOUSSINESQ APPROXIMATION
 ∞ CONDUCTION
 CONVECTION CELLS
 CONVECTION-DIFFUSION EQUATION
 FLUID DYNAMICS
 GRASHOF NUMBER
 HEAT TRANSMISSION
 HEATING
 METEOROLOGY
 MIXING HEIGHT
 MIXING LAYERS (FLUIDS)
 STELLAR INTERIORS

CONVECTION CELLS

RT ATMOSPHERIC CIRCULATION
 CONVECTION
 CONVECTION CURRENTS
 CONVECTIVE FLOW
 CONVECTIVE HEAT TRANSFER

CONVECTION CLOUDS

GS CLOUDS (METEOROLOGY)
 . **CONVECTION CLOUDS**
 . . . ARC CLOUDS
 . . . CUMULONIMBUS CLOUDS
 . . . ANVIL CLOUDS
 . . . CUMULUS CLOUDS
 . . . ANVIL CLOUDS
 RT AIR CURRENTS
 CLOUD PHYSICS
 METEOROLOGY
 NEPHANALYSIS
 SUPERCOOLING
 VERTICAL AIR CURRENTS

CONVECTION CURRENTS

RT AIR CURRENTS
 BENARD CELLS
 CONVECTION CELLS
 CONVECTION-DIFFUSION EQUATION
 ELECTRON BUNCHING
 FLUID FLOW
 FREE CONVECTION
 MIXING HEIGHT
 RAYLEIGH-BENARD CONVECTION
 SOLAR CONVECTION (ASTRONOMY)
 SOLAR GRANULATION
 STELLAR CONVECTION
 VERTICAL AIR CURRENTS

CONVECTION-DIFFUSION EQUATION

UF DIFFUSION-CONVECTION EQUATION
 RT BENARD CELLS
 COMPUTATIONAL FLUID DYNAMICS
 CONVECTION
 CONVECTION CURRENTS
 CONVECTIVE FLOW
 DIFFUSION
 DIFFUSION COEFFICIENT
 ∞ EQUATIONS
 FLOW EQUATIONS
 FLOW THEORY
 RAYLEIGH-BENARD CONVECTION

CONVECTIVE FLOW

UF THERMAL CURRENTS
 GS FLUID FLOW
 . **CONVECTIVE FLOW**
 . . . RAYLEIGH-BENARD CONVECTION
 . . . BENARD CELLS
 RT CONVECTION CELLS
 CONVECTION-DIFFUSION EQUATION
 FREE CONVECTION
 GAS DENSITY
 GEOPHYSICAL FLUID FLOW CELLS
 HEAT TRANSMISSION
 MARANGONI CONVECTION
 MASS FLOW RATE
 MASS TRANSFER
 POROUS BOUNDARY LAYER CONTROL
 SOLAR CONVECTION (ASTRONOMY)
 STELLAR CONVECTION
 TEMPERATURE
 THERMAL DIFFUSION

CONVECTIVE HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . . . HEAT TRANSFER
 . . . **CONVECTIVE HEAT TRANSFER**
 RT AERODYNAMIC HEATING
 BOUNDARY LAYER COMBUSTION
 BOUNDARY LAYER FLOW
 CONDUCTIVE HEAT TRANSFER
 CONVECTION CELLS
 COOLING FINS
 FORCED CONVECTION
 FREE CONVECTION
 LAMINAR HEAT TRANSFER
 MASS TRANSFER
 NUSSELT NUMBER
 RADIATIVE HEAT TRANSFER
 RAYLEIGH-BENARD CONVECTION
 SURFACE COOLING
 TEMPERATURE GRADIENTS
 THERMOHYDRAULICS
 THERMOSIPHONS
 TURBULENT HEAT TRANSFER

CONVENTIONS

RT AGREEMENTS
 AIR LAW
 COMPATIBILITY
 CONFERENCES
 ∞ COOPERATION
 INTERNATIONAL COOPERATION
 INTERNATIONAL LAW
 OUTER SPACE TREATY
 STANDARDS

CONVERGENCE

UF CONFLUENCE
 RT DIVERGENCE
 PATCH TESTS
 REGULARITY
 TAPERING
 VARIABILITY

CONVERGENT NOZZLES

RT CONICAL NOZZLES
 FLUID AMPLIFIERS
 NOZZLE GEOMETRY
 NOZZLE WALLS
 ∞ NOZZLES
 TURBINE ENGINES
 TURBOJET ENGINES

CONVERGENT-DIVERGENT NOZZLES

UF DE LAVAL NOZZLES
 GS EXHAUST NOZZLES
 . **CONVERGENT-DIVERGENT NOZZLES**
 RT CONICAL NOZZLES
 NOZZLE GEOMETRY
 NOZZLE INSERTS
 ∞ NOZZLES
 ROCKET NOZZLES
 SUPERSONIC NOZZLES
 TRANSONIC NOZZLES
 TURBINE EXHAUST NOZZLES
 WIND TUNNEL NOZZLES

CONVERSATION

GS COMMUNICATING
 . VERBAL COMMUNICATION
 . . . **CONVERSATION**
 . . . SPEECH
 RT . **CONVERSATION**
 VOICE COMMUNICATION
 WORDS (LANGUAGE)

CONVERSION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT BIOCONVERSION
 CONVERSION TABLES
 DATA CONVERSION ROUTINES
 ELECTRIC GENERATORS
 ENERGY CONVERSION
 ENERGY CONVERSION EFFICIENCY
 EXCHANGING
 FREQUENCY CONVERTERS
 GEOTHERMAL ENERGY CONVERSION
 INTERNAL CONVERSION
 ISOMERIZATION
 LIQUEFACTION
 METRICATION
 OCEAN THERMAL ENERGY CONVERSION
 ORGANIC WASTES (FUEL CONVERSION)
 ORTHO PARA CONVERSION

CONVERSION--(cont.)

PHOTOTHERMAL CONVERSION
 PHOTOVOLTAIC CONVERSION
 REFINING
 SATELLITE SOLAR ENERGY
 CONVERSION
 SOLAR ENERGY CONVERSION
 SOLAR TOTAL ENERGY SYSTEMS
 THERMIONIC POWER GENERATION
 THERMOELECTRIC POWER GENERATION
 TURBOGENERATORS
 WATERWAVE ENERGY CONVERSION

CONVERSION TABLES

GS TABLES (DATA)

CONVERSION TABLES

RT ∞ CONVERSION

DATA CONVERTERS
 INTERNATIONAL SYSTEM OF UNITS
 UNITS OF MEASUREMENT

CONVERTAPLANES

USE V/STOL AIRCRAFT

 ∞ CONVERTERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANALOG TO DIGITAL CONVERTERS
 BINARY TO DECIMAL CONVERTERS
 CURRENT CONVERTERS (AC TO DC)
 DATA CONVERTERS
 DIGITAL TO ANALOG CONVERTERS
 DIRECT POWER GENERATORS
 DOWN-CONVERTERS
 ELECTRIC GENERATORS
 FREQUENCY CONVERTERS
 IMAGE CONVERTERS
 INSTRUMENT TRANSFORMERS
 INVERTED CONVERTERS (DC TO AC)
 PARAMETRIC FREQUENCY CONVERTERS
 POWER CONVERTERS
 PULSE WIDTH AMPLITUDE CONVERTERS
 PYROMETALLURGY
 SOLAR BLANKETS
 THERMIONIC CONVERTERS
 TORQUE CONVERTERS
 TRANSDUCERS
 TRANSFORMERS
 UP-CONVERTERS
 VOLTAGE CONVERTERS (AC TO AC)
 VOLTAGE CONVERTERS (DC TO DC)

CONVERTIBLE FAN-SHAFT ENGINES

GS AIRCRAFT ENGINES
CONVERTIBLE FAN-SHAFT ENGINES
 ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **CONVERTIBLE FAN-SHAFT
 ENGINES**
 . INTERNAL COMBUSTION ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **CONVERTIBLE FAN-SHAFT
 ENGINES**
 . TURBINE ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 TURBOJET ENGINES
 TURBOFAN ENGINES
 **CONVERTIBLE FAN-SHAFT
 ENGINES**
 RT HELICOPTER ENGINES
 JET THRUST
 PROPULSION SYSTEM CONFIGURATIONS
 ROTARY WINGS
 TF-34 ENGINE
 TURBOSHAPTS
 V/STOL AIRCRAFT
 VARIABLE CYCLE ENGINES
 VERTICAL TAKEOFF AIRCRAFT

CONVEXITY

GS SHAPES

CONVEXITY

RT CONCAVITY
 CONTOUR SENSORS
 CONTOURS
 FLATNESS

CONVEXITY--(cont.)

LENTICULAR BODIES
 ∞ SURFACE GEOMETRY

CONVEYORS

RT AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 AUTOMATED TRANSIT VEHICLES
 CHUTES
 CRANES
 ELEVATORS (LIFTS)
 FEEDERS
 FORKS
 ∞ LIFTS
 MATERIALS HANDLING
 RIBBONS
 ROLLERS
 SCOOPS
 ∞ TRACKS
 TRANSPORTATION

CONVOLUTION INTEGRALS

UF CONVOLUTIONS (MATHEMATICS)
 GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS
 . . **CONVOLUTION INTEGRALS**
 INTEGRALS
 . **CONVOLUTION INTEGRALS**
 RT INTEGRAL TRANSFORMATIONS
 TRELIS CODING

CONVOLUTIONS (MATHEMATICS)

USE CONVOLUTION INTEGRALS

CONVULSIONS

RT HUMAN PATHOLOGY
 MUSCLES
 PSYCHOTHERAPY
 SEIZURES
 ∞ SHOCK

COOK INLET (AK)

GS LANDFORMS
 . INLETS (TOPOGRAPHY)
 . . **COOK INLET (AK)**
 RT ALASKA

COOKPOT AIRCRAFT

USE TU-124 AIRCRAFT

COOL STARS

GS CELESTIAL BODIES
 . STARS
 . . LATE STARS
 . . . **COOL STARS**
 CARBON STARS
 FLARE STARS
 K STARS
 M STARS
 VAN BIESBROECK STAR
 MIRA VARIABLES
 OMICRON CETI STAR
 S STARS
 RT BROWN DWARF STARS
 GIANT STARS
 R CORONAE BOREALIS STARS
 STELLAR ATMOSPHERES
 STELLAR ENVELOPES
 STELLAR SPECTRA
 STELLAR TEMPERATURE

COOLANT LOSS

USE LOSS OF COOLANT

COOLANTS

GS **COOLANTS**
 . ENGINE COOLANTS
 . ORGANIC COOLANTS
 RT AIR CONDITIONING
 AIR COOLING
 BRINES
 COOLERS
 COOLING
 COOLING SYSTEMS
 FREON
 GAS COOLING
 HEAT EXCHANGERS
 LIQUID COOLING
 LOSS OF COOLANT
 NUCLEAR REACTORS
 REACTOR MATERIALS
 REFRIGERANTS
 SODIUM COOLING

COOLING FLOWS (ASTROPHYSICS)**COOLERS**

RT AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 AIR COOLING
 COMPRESSORS
 COOLANTS
 COOLING
 COOLING SYSTEMS
 CRYOGENIC COOLING
 REFRIGERATING
 REFRIGERATING MACHINERY
 REFRIGERATORS

COOLING

UF CHILLING
 HEAT DISSIPATION
 HEAT DISSIPATION CHILLING
 GS **COOLING**
 . ABSORPTION COOLING
 . AIR COOLING
 . EVAPORATIVE COOLING
 . . FILM COOLING
 . . SWEAT COOLING
 . GAS COOLING
 . LIQUID COOLING
 . . FILM COOLING
 . MAGNETIC COOLING
 . PLASMA COOLING
 . PRECOOLING
 . QUENCHING (COOLING)
 . RADIANT COOLING
 . REGENERATIVE COOLING
 . SODIUM COOLING
 . SOLAR COOLING
 . SOLID CRYOGEN COOLING
 . SPACE COOLING (BUILDINGS)
 . SUPERCOOLING
 . . CRYOGENIC COOLING
 . SURFACE COOLING
 . THERMOELECTRIC COOLING
 . THERMOMAGNETIC COOLING
 RT ABLATION
 ABLATIVE MATERIALS
 AIR CONDITIONING
 BATHING
 CONDENSING
 CONTRACTION
 COOLANTS
 COOLERS
 COOLING FLOWS (ASTROPHYSICS)
 CRYOGENICS
 ENGINE COOLANTS
 FILM CONDENSATION
 FREEZING
 FREON
 GEOTHERMAL ENERGY UTILIZATION
 HEAT EXCHANGERS
 HEAT RADIATORS
 HEAT SHIELDING
 HEAT TRANSFER
 HEATING
 HILSCH TUBES
 JACKETS
 LOW TEMPERATURE
 MELTING
 MUSHY ZONES
 REFRIGERATING
 REUSABLE HEAT SHIELDING
 SPACECRAFT RADIATORS
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 THERMAL CYCLING TESTS
 THERMAL SHOCK
 THERMAL STRESSES
 TRANSPIRATION
 VENTILATION
 VENTILATION FANS
 VENTING
 WETTING

COOLING FINS

GS FINS
 . **COOLING FINS**
 RT CONDENSERS (LIQUEFIERS)
 CONVECTIVE HEAT TRANSFER
 FINNED BODIES
 HEAT EXCHANGERS
 HEAT RADIATORS
 RADIATIVE HEAT TRANSFER

COOLING FLOWS (ASTROPHYSICS)

GS FLUID FLOW
 . GAS FLOW
 . . **COOLING FLOWS (ASTROPHYSICS)**
 RT ACCRETION DISKS

COOLING FLOWS (ASTROPHYSICS)--(cont.)

COOLING
COSMIC GASES
DARK MATTER
GALACTIC CLUSTERS
GALACTIC EVOLUTION
INTERGALACTIC MEDIA
INTERSTELLAR GAS
STAR FORMATION
X RAY SOURCES

COOLING SYSTEMS

RT ABSORBERS (EQUIPMENT)
AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
AIR COOLING
AIR FILTERS
BLOWERS
CLOSED CYCLES
CONDENSERS (LIQUEFIERS)
COOLANTS
COOLERS
DEHUMIDIFICATION
ENGINE COOLANTS
ETTINGSHAUSEN EFFECT
EVAPORATIVE COOLING
EVAPORATORS
EXHAUST SYSTEMS
FREON
HEAT EXCHANGERS
HEAT PUMPS
HEAT RADIATORS
HEAT SINKS
INFRARED SUPPRESSION
INTAKE SYSTEMS
LIQUID COOLING
LUBRICATION SYSTEMS
REFRIGERANTS
REFRIGERATING
REFRIGERATING MACHINERY
REGISTERS (AIR CIRCULATION)
SOLAR COOLING
SOLID CRYOGENS
SPACE COOLING (BUILDINGS)
SPACECRAFT RADIATORS
∞ SYSTEMS
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
TRANSPIRATION
VENTILATION
VENTILATION FANS
VENTS

∞ COOPERATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CONVENTIONS
EMPLOYEE RELATIONS
INTERNATIONAL COOPERATION
PUBLIC RELATIONS
SEA LAW

COORDINATE GEOMETRY LANGUAGE

USE COGO (PROGRAMMING LANGUAGE)

COORDINATE SYSTEMS

USE COORDINATES

COORDINATE TRANSFORMATIONS

GS FUNCTIONS (MATHEMATICS)
COORDINATE TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
COORDINATE TRANSFORMATIONS
RT CONFORMAL MAPPING
INVARIANT IMBEDDINGS
ISOPARAMETRIC FINITE ELEMENTS
ISOTROPIC TURBULENCE
JOUKOWSKI TRANSFORMATION
SCHWARZSCHILD METRIC
THEODORSEN TRANSFORMATION

COORDINATES

UF AXES (COORDINATES)
COORDINATE SYSTEMS
GS COORDINATES
ASTRONOMICAL COORDINATES
CARTESIAN COORDINATES
COMPUTATIONAL GRIDS
CYLINDRICAL COORDINATES
GEODETTIC COORDINATES
HYLLERAAS COORDINATES
HYPERBOLIC COORDINATES
INERTIAL COORDINATES
LAGRANGE COORDINATES

COORDINATES--(cont.)

OBLIQUE COORDINATES
PLANETOCENTRIC COORDINATES
GEOCENTRIC COORDINATES
POLAR COORDINATES
SPHERICAL COORDINATES
RT ALGEBRA
ANALYTIC GEOMETRY
AXES (REFERENCE LINES)
CELESTIAL REFERENCE SYSTEMS
EARTH AXIS
EQUATORS
EUCLIDEAN GEOMETRY
FRACTALS
FUJITA METHOD
GEOMAGNETIC LATITUDE
GEOMETRY
GRID GENERATION (MATHEMATICS)
∞ GRIDS
HALF PLANES
HALF SPACES
LATITUDE
LINE OF SIGHT
LONGITUDE
MANIFOLDS (MATHEMATICS)
MAPS
∞ ORIGINS
POSITION (LOCATION)
∞ REFERENCE SYSTEMS

COORDINATION

RT CONTINUITY
CORRELATION
INTERFACES
SEQUENCING
TIME SHARING

COORDINATION POLYMERS

RT ∞ POLYMERS

COPERNICUS SPACECRAFT

USE OAO 3

COPILOTS

USE AIRCRAFT PILOTS

COPLANARITY

GS ANALYSIS (MATHEMATICS)
CALCULUS
VECTOR ANALYSIS
COPLANARITY
REAL VARIABLES
VECTOR ANALYSIS
COPLANARITY
GEOMETRY
VECTOR ANALYSIS
COPLANARITY

COPOLYMERIZATION

GS CHEMICAL REACTIONS
COPOLYMERIZATION
SYNTHESIS (CHEMISTRY)
POLYMERIZATION
COPOLYMERIZATION
RT BLOCK COPOLYMERS
DIMERIZATION
∞ POLYMERS
VINYL COPOLYMERS

COPOLYMERS

GS COPOLYMERS
BLOCK COPOLYMERS
VINYL COPOLYMERS
VITON RUBBER (TRADEMARK)
RT KEL-F
POLYMER BLENDS
∞ POLYMERS

COPPER

GS CHEMICAL ELEMENTS
COPPER
COPPER ISOTOPES
METALS
TRANSITION METALS
COPPER
COPPER ISOTOPES
RT AMMINES
CONSTANTAN
SELENIUM ALLOYS

COPPER ALLOYS

GS ALLOYS
COPPER ALLOYS
BABBITT METAL

COPPER ALLOYS--(cont.)

BRASSES
BRONZES
MANGANIN (TRADEMARK)
RT ALUMINUM-LITHIUM ALLOYS
BEARING ALLOYS
GOLD ALLOYS
LAMELLA (METALLURGY)
LITHIUM ALLOYS

COPPER CHLORIDES

GS COPPER COMPOUNDS
COPPER CHLORIDES
HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
COPPER CHLORIDES
HALIDES
CHLORIDES
COPPER CHLORIDES
METAL HALIDES
COPPER CHLORIDES

COPPER COMPOUNDS

GS COPPER COMPOUNDS
COPPER CHLORIDES
COPPER FLUORIDES
COPPER OXIDES
COPPER SELENIDES
COPPER SULFIDES
ENARGITE
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 1B COMPOUNDS
∞ METAL COMPOUNDS

COPPER FLUORIDES

GS COPPER COMPOUNDS
COPPER FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
COPPER FLUORIDES

COPPER ISOTOPES

GS CHEMICAL ELEMENTS
COPPER
COPPER ISOTOPES
METALS
TRANSITION METALS
COPPER
COPPER ISOTOPES

COPPER OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
COPPER OXIDES
COPPER COMPOUNDS
COPPER OXIDES
RT BSCCO SUPERCONDUCTORS
THERMITES
YBCO SUPERCONDUCTORS

COPPER SELENIDES

GS CHALCOGENIDES
SELENIDES
COPPER SELENIDES
COPPER COMPOUNDS
COPPER SELENIDES
SELENIUM COMPOUNDS
SELENIDES
COPPER SELENIDES

COPPER SULFIDES

GS CHALCOGENIDES
SULFIDES
INORGANIC SULFIDES
COPPER SULFIDES
ENARGITE
COPPER COMPOUNDS
COPPER SULFIDES
ENARGITE
SULFUR COMPOUNDS
SULFIDES
INORGANIC SULFIDES
COPPER SULFIDES
ENARGITE

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RT DOCUMENTS
LICENSING
PATENT APPLICATIONS
POLICIES
REGULATIONS

CORAL HEADS

USE CORAL REEFS

CORAL REEFS

UF ATOLL REEFS
CORAL HEADS
RT ATOLLS
COASTS
ISLANDS
KEYS (ISLANDS)
REEFS

CORDAGE

RT CABLES (ROPES)
CERAMIC FIBERS
CONNECTORS
COTTON
FIBERS
∞ FILAMENTS
STRANDS
STRINGS
WIRE
YARNS

CORDIERITE

GS ALUMINUM COMPOUNDS
CORDIERITE
IRON COMPOUNDS
CORDIERITE
MAGNESIUM COMPOUNDS
CORDIERITE
MINERALS
CORDIERITE
SILICON COMPOUNDS
SILICATES
CORDIERITE

CORDITE

USE COLLOIDAL PROPELLANTS
DOUBLE BASE PROPELLANTS

CORE FLOW

GS FLUID FLOW
CORE FLOW
RT FLOW GEOMETRY
MAGNETOHYDRODYNAMIC FLOW
ONE DIMENSIONAL FLOW
PLASMAS (PHYSICS)
SHEAR FLOW

CORE SAMPLING

GS SAMPLING
CORE SAMPLING
RT CORES
DEPTH MEASUREMENT
DRILLING
EARTH CRUST
HYDROGEOLOGY
MINES (EXCAVATIONS)
OCEAN BOTTOM
OCEAN CURRENTS
OCEANOGRAPHY
PARTICLE TRACKS
SALINITY
SAMPLERS

CORE STORAGE

UF MACHINE STORAGE
GS COMPUTER STORAGE DEVICES
RANDOM ACCESS MEMORY
CORE STORAGE
MAGNETIC STORAGE
CORE STORAGE
RT BUBBLE MEMORY DEVICES
BUFFER STORAGE
DATA STORAGE
MAGNETIC DISKS
MAGNETIC DRUMS
∞ STORAGE

CORES

GS CORES
HONEYCOMB CORES
LUNAR CORE
MAGNETIC CORES
PLANETARY CORES
EARTH CORE
REACTOR CORES
STELLAR CORES
RT ∞ CELLS
CORE SAMPLING
MANDRELS
MOLDING MATERIALS

CORIOLIS EFFECT

RT DISORIENTATION
∞ EFFECTS
GYRES
METEOROLOGY
PLANETARY WAVES
ROTATING ENVIRONMENTS
ROTATION
VESTIBULAR TESTS

CORK (MATERIALS)

GS WOOD
CORK (MATERIALS)
RT ∞ MATERIALS
ORGANIC MATERIALS
THERMAL INSULATION

CORN

GS FARM CROPS
GRAINS (FOOD)
CORN
PLANTS (BOTANY)
CORN
RT AGRICULTURE
BLIGHT
BOLLWORMS
BOTANY
CROP GROWTH
∞ CROPS
CURING
EARTH RESOURCES
∞ FOOD
IRRIGATION
SEEDS

CORNEA

GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
CORNEA
RT KERATITIS
VISION

CORNER FLOW

GS FLUID FLOW
CORNER FLOW
RT CAVITY FLOW
CHANNEL FLOW
DUCTED FLOW
∞ FLOW
NOZZLE FLOW
SECONDARY FLOW

CORNERS

RT ANGLES (GEOMETRY)
ANTENNAS
JOINTS (JUNCTIONS)
SHAPES

CORONA BOREALIS CONSTELLATION

GS CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CORONA DISCHARGES

USE ELECTRIC CORONA

CORONAGRAPHS

RT ASTRONOMICAL PHOTOGRAPHY
SOLAR OBSERVATORIES
SPECTROHELIOGRAPHS
STARSAT TELESCOPE
TELESCOPES

CORONAL HOLES

GS CORONAS
STELLAR CORONAS
SOLAR CORONA
CORONAL HOLES
RT DECA-METRIC WAVES
∞ HOLES
RADIO ASTRONOMY
SOLAR RADIO EMISSION
SOLAR WIND
SOLAR X-RAYS
STELLAR STRUCTURE
ULTRAVIOLET RADIATION

CORONAL LOOPS

GS CORONAS
STELLAR CORONAS
SOLAR CORONA

CORONAL LOOPS--(cont.)

∞ CORONAL LOOPS
RT CHROMOSPHERE
SOLAR FLARES
SOLAR LIMB

CORONARY ARTERY DISEASE

GS DISEASES
HEART DISEASES
CORONARY ARTERY DISEASE
RT ANGINA PECTORIS
ARTERIOSCLEROSIS
MYOCARDIAL INFARCTION

CORONARY CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
CORONARY CIRCULATION
RT HEART
HEART VALVES

CORONAS

GS CORONAS
ELECTRIC CORONA
STELLAR CORONAS
SOLAR CORONA
CORONAL HOLES
CORONAL LOOPS
RT ELECTRIC ARCS
ELECTRIC DISCHARGES
HALOS
IONIZATION
SOLAR SPECTRA

COROTATION

GS GYRATION
ROTATION
COROTATION
RT ASTRONOMICAL MODELS
EARTH MAGNETOSPHERE
GALACTIC ROTATION
GALACTIC STRUCTURE
SPIRAL GALAXIES
STELLAR MOTIONS
STELLAR ROTATION

CORPORAL MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
CORPORAL MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

CORPUSCLES (BLOOD)

USE BLOOD CELLS

CORPUSCULAR RADIATION

SN (LIMITED TO NONELECTROMAGNETIC
RADIATION CONSISTING OF ENERGETIC
CHARGED OR NEUTRAL PARTICLES)
UF PENETRATING PARTICLES
GS PARTICLES
CORPUSCULAR RADIATION
ELECTRON PRECIPITATION
ELECTRON RADIATION
BETA PARTICLES
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
RADIATION BELTS
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR NEUTRONS
SOLAR PROTONS
RT ALPHA PARTICLES
ATMOSPHERIC RADIATION
BACKGROUND RADIATION
BEAMS (RADIATION)
CERENKOV RADIATION
CHARGED PARTICLES
COHERENT RADIATION
CONTINUOUS RADIATION
COSMIC RAYS
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
FLUX (RATE)
GALACTIC RADIATION
INCIDENT RADIATION
INTERSTELLAR RADIATION
IONIZING RADIATION
IONS
MESONS
NEUTRONS
NUCLEAR PARTICLES
NUCLEAR RADIATION

CORPUSCULAR RADIATION--(cont.)

NUCLEI (NUCLEAR PHYSICS)
 PARTICLE PRODUCTION
 PHONON BEAMS
 PULSED RADIATION
 ∞ RADIATION
 RADIATION DISTRIBUTION
 RADIATION PRESSURE
 RADIATION SOURCES
 ∞ RAYS
 REFLECTED WAVES
 REFRACTED WAVES
 SOLAR RADIATION
 SOLAR TERRESTRIAL INTERACTIONS
 STRATOSPHERE RADIATION

CORRECTION

GS **CORRECTION**
 . ATMOSPHERIC CORRECTION
 . OPTICAL CORRECTION PROCEDURE
 RT ACCOMMODATION
 ACCURACY
 ADAPTATION
 ADJUSTING
 ALIGNMENT
 ERROR CORRECTING DEVICES
 ERRORS
 IMPROVEMENT
 INFORMATION THEORY
 PARITY
 REDUNDANCY
 REVISIONS
 VEGETATIVE INDEX

CORRELATION

UF CORRELATION FUNCTIONS
 GS **CORRELATION**
 . ANGULAR CORRELATION
 . AUTOCORRELATION
 . CORRELATION COEFFICIENTS
 . CORRELATION DETECTION
 . CROSS CORRELATION
 . DATA CORRELATION
 . SPECTRAL CORRELATION
 . STATISTICAL CORRELATION
 RT BIVARIATE ANALYSIS
 COLLATING
 CONFIDENCE
 CONTINGENCY
 COORDINATION
 COVARIANCE
 ∞ ESTIMATORS
 EVALUATION
 FACTOR ANALYSIS
 FORECASTING
 INFORMATION THEORY
 LEAST SQUARES METHOD
 MULTIVARIATE STATISTICAL ANALYSIS
 OPTIMIZATION
 PROBABILITY THEORY
 QUALITY CONTROL
 REGRESSION ANALYSIS
 REGRESSION COEFFICIENTS
 SIGNIFICANCE
 STATISTICAL ANALYSIS
 TELECONNECTIONS (METEOROLOGY)
 TIME SERIES ANALYSIS
 VALIDITY
 VARIABILITY
 VARIANCE (STATISTICS)

CORRELATION COEFFICIENTS

GS COEFFICIENTS
 . **CORRELATION COEFFICIENTS**
 CORRELATION
 . **CORRELATION COEFFICIENTS**
 STATISTICAL ANALYSIS
 . **CORRELATION COEFFICIENTS**
 RT QUALITY CONTROL
 STATISTICAL CORRELATION

CORRELATION DETECTION

GS CORRELATION
 . **CORRELATION DETECTION**
 DETECTION
 . SIGNAL DETECTION
 . **CORRELATION DETECTION**
 RT ∞ DETECTORS
 ELECTROMAGNETIC WAVE FILTERS
 PHASE LOCK DEMODULATORS
 SIGNAL TO NOISE RATIOS

CORRELATION FUNCTIONS

USE CORRELATION

CORRELATORS

SN (LIMITED TO DEVICES THAT DETECT
 WEAK SIGNALS IN NOISE BY
 PERFORMING AN ELECTRONIC
 OPERATION)
 UF SYNCHRONOUS DETECTORS
 GS **CORRELATORS**
 . IMAGE CORRELATORS
 . OPTICAL CORRELATORS
 RT SYNCHROSCOPES

CORRIDORS

GS **CORRIDORS**
 . GREAT PLAINS CORRIDOR (NORTH
 AMERICA)
 . ST LOUIS-KANSAS CITY CORRIDOR
 (MO)
 RT PASSAGEWAYS

CORROSION

UF METAL CORROSION
 GS **CORROSION**
 . CAVITATION CORROSION
 . ELECTROCHEMICAL CORROSION
 . FRETTING CORROSION
 . FUEL CORROSION
 . HOT CORROSION
 . INTERGRANULAR CORROSION
 . RUSTING
 . SCALE (CORROSION)
 . STRESS CORROSION
 . STRESS CORROSION CRACKING
 . TRANSGRANULAR CORROSION
 RT CHEMICAL ATTACK
 CHEMICAL REACTIONS
 COATINGS
 DAMAGE
 DEGRADATION
 DEPOSITS
 DETERIORATION
 DISSOLVING
 DURABILITY
 ELECTROCHEMISTRY
 ELECTROLYSIS
 EROSION
 ETCHANTS
 ETCHING
 FAILURE
 FINISHES
 FOULING
 GAS-METAL INTERACTIONS
 HUMIDITY
 IMPINGEMENT
 INCOMPATIBILITY
 METAL COATINGS
 METAL-WATER REACTIONS
 ∞ METALLURGY
 OXIDATION
 PASSIVITY
 PITTING
 PROTECTIVE COATINGS
 SALT SPRAY TESTS
 STERILIZATION EFFECTS
 SURFACE PROPERTIES
 TRIBOLOGY
 WEAR
 WEATHERING

CORROSION PREVENTION

GS PREVENTION
 . **CORROSION PREVENTION**
 PROTECTION
 . **CORROSION PREVENTION**
 RT AERATION
 ANTIFOULING
 ANTIOXIDANTS
 CAVITATION CORROSION
 CHEMICAL ATTACK
 CLEANING
 COATING
 COATINGS
 DESENSITIZING
 ∞ FILMS
 FUEL TANKS
 ∞ INHIBITION
 INHIBITORS
 METAL COATINGS
 NICKEL COATINGS
 PACKAGING
 PASSIVITY
 PRESERVING
 PROPELLANT ADDITIVES
 SENSITIZING
 SILICONIZING
 SURFACE FINISHING

CORROSION PREVENTION--(cont.)

SURFACE TREATMENT
 WATER TREATMENT
 WEATHERPROOFING

CORROSION RESISTANCE

GS **CORROSION RESISTANCE**
 . OXIDATION RESISTANCE
 RT ANTIOXIDANTS
 CAVITATION CORROSION
 CHEMICAL ATTACK
 CHEMICAL TESTS
 PASSIVITY
 PITTING
 ∞ RESISTANCE
 RUSTING
 SALT SPRAY TESTS
 SILICONIZING
 SULFIDATION
 SURFACE FINISHING

CORROSION TEST LOOPS

GS ENVIRONMENTAL TESTS
 . CORROSION TESTS
 . **CORROSION TEST LOOPS**
 LOOPS
 . **CORROSION TEST LOOPS**
 RT ∞ TESTS

CORROSION TESTS

GS ENVIRONMENTAL TESTS
 . **CORROSION TESTS**
 . CORROSION TEST LOOPS
 . SALT SPRAY TESTS
 RT CAVITATION CORROSION
 CHEMICAL ATTACK
 DESTRUCTIVE TESTS
 FUEL TESTS
 ∞ MATERIALS TESTS
 PITTING
 PROPELLANT TESTS
 STABILITY TESTS
 STRESS CORROSION CRACKING
 ∞ TESTS
 TRANSGRANULAR CORROSION
 UNDERWATER TESTS
 WEATHERING

CORRUGATED PLATES

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . **CORRUGATED PLATES**
 RT CORRUGATING
 REINFORCED PLATES

CORRUGATED SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . **CORRUGATED SHELLS**
 RT ANISOTROPIC SHELLS
 CORRUGATING
 REINFORCED SHELLS

CORRUGATING

RT CORRUGATED PLATES
 CORRUGATED SHELLS
 DEFORMATION
 GROOVES
 ∞ PLATES
 ∞ RIDGES
 ∞ WAVES

CORSAIR AIRCRAFT

USE A-7 AIRCRAFT

CORTEXES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CEREBRAL CORTEX
 CORTEXES (BOTANY)

CORTEXES (BOTANY)

RT ∞ CORTEXES
 PLANTS (BOTANY)

CORTI ORGAN

GS ANATOMY
 . SENSE ORGANS
 . . . EAR
 . . . LABYRINTH
 . . . COCHLEA
 **CORTI ORGAN**

CORTICOSTEROIDS

- GS ORGANIC COMPOUNDS
 - . LIPIDS
 - . . . STEROIDS
 - **CORTICOSTEROIDS**
 - ALDOSTERONE
 - HYDROXYCORTICOSTEROID
 - CORTISONE
- SECRETIONS
 - . ENDOCRINE SECRETIONS
 - . . HORMONES
 - . . . **CORTICOSTEROIDS**
 - ALDOSTERONE
 - HYDROXYCORTICOSTEROID
 - CORTISONE
- RT ADRENAL METABOLISM

CORTISONE

- GS DRUGS
 - . **CORTISONE**
- ORGANIC COMPOUNDS
 - . LIPIDS
 - . . STEROIDS
 - . . . CORTICOSTEROIDS
 - HYDROXYCORTICOSTEROID
 - **CORTISONE**
- SECRETIONS
 - . ENDOCRINE SECRETIONS
 - . . HORMONES
 - . . . CORTICOSTEROIDS
 - HYDROXYCORTICOSTEROID
 - **CORTISONE**
- RT ADRENAL METABOLISM
 - . CARBOHYDRATE METABOLISM

CORUNDUM

- USE ALUMINUM OXIDES

CORVUS MISSILE

- GS MISSILES
 - . **CORVUS MISSILE**
- RT LIQUID PROPELLANT ROCKET ENGINES

COS-B SATELLITE

- GS ARTIFICIAL SATELLITES
 - . ESA SATELLITES
 - . . **COS-B SATELLITE**
- ESA SPACECRAFT
 - . ESA SATELLITES
 - . . **COS-B SATELLITE**
- RT EUROPA 2 LAUNCH VEHICLE
 - . EUROPEAN SPACE PROGRAMS

COSINE SERIES

- GS ANALYSIS (MATHEMATICS)
 - . CALCULUS
 - . . SERIES (MATHEMATICS)
 - . . . **COSINE SERIES**
 - REAL VARIABLES
 - DIFFERENTIAL EQUATIONS
 - **COSINE SERIES**
 - PERIODIC FUNCTIONS
 - TRIGONOMETRIC FUNCTIONS
 - **COSINE SERIES**
 - SERIES (MATHEMATICS)
 - **COSINE SERIES**
 - FUNCTIONS (MATHEMATICS)
 - TRANSCENDENTAL FUNCTIONS
 - PERIODIC FUNCTIONS
 - TRIGONOMETRIC FUNCTIONS
 - **COSINE SERIES**
- RT WAVELET ANALYSIS

COSMIC BACKGROUND EXPLORER SATELLITE

- UF COBE
- GS ARTIFICIAL SATELLITES
 - . SCIENTIFIC SATELLITES
 - . . EXPLORER SATELLITES
 - . . . **COSMIC BACKGROUND EXPLORER SATELLITE**
- RT BACKGROUND RADIATION
 - . RADIATION SPECTRA
 - . SPACEBORNE ASTRONOMY

COSMIC DUST

- GS PARTICLES
 - . DUST
 - . . **COSMIC DUST**
 - . . . INTERPLANETARY DUST
 - METEOROID DUST CLOUDS
 - ZODIACAL DUST
- RT INFRARED CIRRHUS (ASTRONOMY)
 - . INTERGALACTIC MEDIA
 - . INTERSTELLAR MATTER
 - . METEORIODS

COSMIC DUST--(cont.)

- MICROMETEORITES
- MICROMETEORIODS
- MOLECULAR CLOUDS
- ORGANIC SOLIDS
- REFLECTION NEBULAE
- SPACE DEBRIS
- TERRESTRIAL DUST BELT
- VENUS FLY TRAP ROCKET VEHICLE

COSMIC GAMMA RAY BURSTS

- USE GAMMA RAY BURSTS

COSMIC GASES

- GS EXTRATERRESTRIAL MATTER
 - . **COSMIC GASES**
 - . . INTERPLANETARY GAS
 - . . . INTERSTELLAR GAS
 - GASES
 - RAREFIED GASES
 - **COSMIC GASES**
 - INTERPLANETARY GAS
 - INTERSTELLAR GAS
- RT COOLING FLOWS (ASTROPHYSICS)
 - . DEGENERATE MATTER
 - . ELECTRON GAS
 - . INTERGALACTIC MEDIA
 - . IONIZED GASES
 - . NEUTRAL GASES

COSMIC NOISE

- GS ELECTROMAGNETIC INTERFERENCE
 - . RADIO FREQUENCY INTERFERENCE
 - . . ELECTROMAGNETIC NOISE
 - . . . **COSMIC NOISE**
- RT ALOUETTE PROJECT
 - . BACKGROUND NOISE
 - . BACKGROUND RADIATION
 - . CENTIMETER WAVES
 - . ELECTROMAGNETIC NOISE
 - . . MEASUREMENT
 - . GALACTIC RADIATION
 - . GALACTIC RADIO WAVES
 - . INTERSTELLAR RADIATION
 - . MICROWAVE EMISSION
 - . MICROWAVES
 - . NOISE STORMS
 - . SOLAR RADIATION
 - . SOLAR RADIO EMISSION

COSMIC PLASMA

- GS EXTRATERRESTRIAL MATTER
 - . **COSMIC PLASMA**
- PARTICLES
 - . CHARGED PARTICLES
 - . . ENERGETIC PARTICLES
 - . . . PLASMAS (PHYSICS)
 - **COSMIC PLASMA**
- RT INTERGALACTIC MEDIA
 - . INTERPLANETARY GAS
 - . PLASMA CLOUDS
 - . PLASMAPAUSE
 - . RELATIVISTIC PLASMAS
 - . SOLAR WIND
 - . STELLAR WINDS
 - . STRONGLY COUPLED PLASMAS

COSMIC RADIATION

- USE COSMIC RAYS

COSMIC RADIO WAVES

- USE EXTRATERRESTRIAL RADIO WAVES

COSMIC RAY ALBEDO

- GS ALBEDO
 - . **COSMIC RAY ALBEDO**
- RT ABSORPTANCE
 - . . ABSORPTION
 - . . . ATMOSPHERIC ATTENUATION
 - EARTH ALBEDO
 - LUNAR ALBEDO
 - PRIMARY COSMIC RAYS
 - REFLECTANCE
 - SECONDARY COSMIC RAYS

COSMIC RAY SHOWERS

- UF MOLIERE FORMULA
- GS IONIZING RADIATION
 - . COSMIC RAYS
 - . . **COSMIC RAY SHOWERS**
- RT AUGER EFFECT
 - . . CASCADES
 - . . . ELECTRON PHOTON CASCADES
 - SECONDARY COSMIC RAYS
 - SHOWERS

COSMIC RAYS

- UF COSMIC RADIATION
- GS IONIZING RADIATION
 - . **COSMIC RAYS**
 - . . COSMIC RAY SHOWERS
 - . . . GALACTIC COSMIC RAYS
 - GAMMA RAY BURSTS
 - PRIMARY COSMIC RAYS
 - SOLAR COSMIC RAYS
 - SECONDARY COSMIC RAYS
- RT AEROSPACE ENVIRONMENTS
 - . ALBEDO
 - . ALPHA PARTICLES
 - . BIG BANG COSMOLOGY
 - . CERENKOV RADIATION
 - . CORPUSCULAR RADIATION
 - . DEUTERONS
 - . ELECTROMAGNETIC RADIATION
 - . ELECTRON ACCELERATION
 - . ELECTRONS
 - . EXTRATERRESTRIAL RADIATION
 - . FORBUSH DECREASES
 - . GALACTIC RADIATION
 - . GAMMA RAY TELESCOPES
 - . GAMMA RAYS
 - . HELIOSPHERE
 - . INTERSTELLAR RADIATION
 - . ION DENSITY (CONCENTRATION)
 - . MESONS
 - . NEUTRONS
 - . NUCLEAR PARTICLES
 - . NUCLEI (NUCLEAR PHYSICS)
 - . PARTICLE TRACKS
 - . PHOTONS
 - . PROTONS
 - . . RADIATION
 - . . . RADIATION BELTS
 - RADIATIVE TRANSFER
 - SCINTILLATING FIBERS
 - SINGLE EVENT UPSETS
 - SOLAR RADIATION
 - STELLAR RADIATION
 - VLF EMISSION RECORDERS
 - X RAYS

COSMIC X RAYS

- GS ELECTROMAGNETIC RADIATION
 - . X RAYS
 - . . **COSMIC X RAYS**
 - . . . IONIZING RADIATION
 - X RAYS
 - **COSMIC X RAYS**
- RT EXTRATERRESTRIAL RADIATION
 - . GALACTIC RADIATION
 - . GAMMA RAY ASTRONOMY
 - . GAMMA RAY BURSTS
 - . GAMMA RAYS
 - . X RAY ASTRONOMY
 - . X RAY BINARIES
 - . X RAY SOURCES

COSMOCHEMISTRY

- RT COSMOLOGY
 - . EXTRATERRESTRIAL MATTER
 - . GEOCHEMISTRY
 - . INTERSTELLAR CHEMISTRY
 - . METEORITIC COMPOSITION

COSMOGONY

- USE COSMOLOGY

COSMOLOGY

- UF COSMOGONY
- GS **COSMOLOGY**
 - . BIG BANG COSMOLOGY
 - . HUBBLE DIAGRAM
 - . . MISSING MASS (ASTROPHYSICS)
- RT ASTRONOMICAL MODELS
 - . ASTROPHYSICS
 - . COSMOCHEMISTRY
 - . DARK MATTER
 - . EVENT HORIZON
 - . EXISTENCE
 - . GALACTIC EVOLUTION
 - . GRAND UNIFIED THEORY
 - . GRAVITINOS
 - . HUBBLE CONSTANT
 - . LOCAL GROUP (ASTRONOMY)
 - . MASS DISTRIBUTION
 - . NAKED SINGULARITIES
 - . NUCLEAR ASTROPHYSICS
 - . PLANETARY EVOLUTION
 - . PROTOPLANETS
 - . RED SHIFT
 - . STAR DISTRIBUTION

COSMOLOGY--(cont.)

STAR FORMATION
STELLAR EVOLUTION
STELLAR MASS ACCRETION
STRING THEORY
SUPERGRAVITY
SUPERSYMMETRY
UNIVERSE
WHITE HOLES (ASTRONOMY)

COSMONAUTS

GS PERSONNEL
FLYING PERSONNEL
COSMONAUTS
RT ASTRONAUTICS
ASTRONAUTS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW WORKSTATIONS
CREWS
PILOTS (PERSONNEL)
SPACECREWS

COSMOS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COSMOS SATELLITES
UNIVERSE

COSMOS SATELLITES

GS ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
COSMOS SATELLITES
INTERCOSMOS SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 2 SATELLITE
COSMOS 3 SATELLITE
COSMOS 5 SATELLITE
COSMOS 6 SATELLITE
COSMOS 14 SATELLITE
COSMOS 44 SATELLITE
COSMOS 54 SATELLITE
COSMOS 71 SATELLITE
COSMOS 110 SATELLITE
COSMOS 137 SATELLITE
COSMOS 144 SATELLITE
COSMOS 149 SATELLITE
COSMOS 166 SATELLITE
COSMOS 186 SATELLITE
COSMOS 188 SATELLITE
COSMOS 206 SATELLITE
COSMOS 213 SATELLITE
COSMOS 224 SATELLITE
COSMOS 225 SATELLITE
COSMOS 381 SATELLITE
COSMOS 954 SATELLITE
COSMOS 1129 SATELLITE
INTERCOSMOS SATELLITES
RT COSMOS

COSMOS 2 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 2 SATELLITE

COSMOS 3 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 3 SATELLITE

COSMOS 5 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 5 SATELLITE

COSMOS 6 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 6 SATELLITE

COSMOS 14 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 14 SATELLITE

COSMOS 44 SATELLITE

GS ARTIFICIAL SATELLITES

COSMOS 44 SATELLITE--(cont.)

SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 44 SATELLITE

COSMOS 54 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 54 SATELLITE

COSMOS 71 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 71 SATELLITE

COSMOS 110 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 110 SATELLITE

COSMOS 137 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 137 SATELLITE

COSMOS 144 SATELLITE

GS ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
COSMOS 144 SATELLITE
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 144 SATELLITE

COSMOS 149 SATELLITE

UF SPACE ARROW SATELLITE
GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 149 SATELLITE

COSMOS 166 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 166 SATELLITE

COSMOS 186 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 186 SATELLITE

COSMOS 188 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 188 SATELLITE

COSMOS 206 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 206 SATELLITE

COSMOS 213 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 213 SATELLITE

COSMOS 224 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 224 SATELLITE

COSMOS 225 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 225 SATELLITE

COSMOS 381 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 381 SATELLITE

COSMOS 782 SATELLITE

GS ARTIFICIAL SATELLITES

COSMOS 782 SATELLITE--(cont.)

SOVIET SATELLITES
COSMOS 782 SATELLITE
RT INTERNATIONAL COOPERATION

COSMOS 936 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS 936 SATELLITE
RT INTERNATIONAL COOPERATION

COSMOS 954 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 954 SATELLITE
RT UNCONTROLLED REENTRY
(SPACECRAFT)

COSMOS 1129 SATELLITE

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 1129 SATELLITE
RT INTERNATIONAL COOPERATION

COSPAR (COMMITTEE)

USE COMMITTEE ON SPACE RESEARCH

COSPAS

GS ARTIFICIAL SATELLITES
COSPAS
RT RECONNAISSANCE
RESCUE OPERATIONS
SARSAT
SEARCHING

COSSERAT SURFACES

RT FLAT SURFACES
SURFACE GEOMETRY
SURFACE PROPERTIES
SURFACES

COST ANALYSIS

RT ANALYZING
BUDGETING
COMPARISON
COSTS
DESIGN TO COST
ECONOMIC ANALYSIS
FEASIBILITY
FEASIBILITY ANALYSIS
FINANCIAL MANAGEMENT
LIFE CYCLE COSTS
MANAGEMENT
MANAGEMENT ANALYSIS
MANAGEMENT PLANNING
OPTICAL TRANSFER FUNCTION
PRODUCTION COSTS
PROPOSALS
VALUE ENGINEERING
WAGE SURVEYS

COST EFFECTIVENESS

GS EFFECTIVENESS
COST EFFECTIVENESS
RT ALLOCATIONS
BUDGETING
LIFE CYCLE COSTS

COST ESTIMATES

GS ESTIMATES
COST ESTIMATES
RT AIRCRAFT PRODUCTION COSTS
APPROPRIATIONS
BUDGETING
COSTS
ECONOMIC ANALYSIS
ECONOMY
ESTIMATORS
FEDERAL BUDGETS
FINANCIAL MANAGEMENT
MANAGEMENT
PRODUCTION COSTS
VALUE ENGINEERING
WAGE SURVEYS

COST INCENTIVES

RT EFFICIENCY
INCENTIVE TECHNIQUES
MANAGEMENT
VALUE ENGINEERING

COST REDUCTION

RT COMMONALITY
EFFICIENCY
INCENTIVE TECHNIQUES
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
VALUE ENGINEERING
WAGE SURVEYS

COSTA RICA

GS NATIONS
. COSTA RICA
RT CENTRAL AMERICA

COSTS

GS COSTS
. AIRCRAFT PRODUCTION COSTS
. FREIGHT COSTS
. LIFE CYCLE COSTS
. LOW COST
. OPERATING COSTS
RT. ACCOUNTING
AIRCRAFT PRODUCTION
COMMERCE
COST ANALYSIS
COST ESTIMATES
DAMAGE ASSESSMENT
DESIGN TO COST
ECONOMIC ANALYSIS
ECONOMIC FACTORS
ECONOMIC IMPACT
ECONOMICS
EFFICIENCY
ESTIMATING
EVALUATION
FEASIBILITY
FINANCIAL MANAGEMENT
GROSS NATIONAL PRODUCT
REVENUE
TASK COMPLEXITY
TASKS
VALUE

COTE D'IVOIRE

UF IVORY COAST
GS NATIONS
. COTE D'IVOIRE
RT AFRICA

COTTON

GS FARM CROPS
. COTTON
PLANTS (BOTANY)
. COTTON
RT BOLL WEEVILS
BOLLWORMS
CLOTHING
CORDAGE
COTTON FIBERS
EARTH RESOURCES
FABRICS
FIBERS
TEXTILES
YARNS

COTTON FIBERS

GS CLOTHING
. COTTON FIBERS
FIBERS
. COTTON FIBERS
TEXTILES
. COTTON FIBERS
RT COTTON
CREPE
ORGANIC MATERIALS

COUCHES

RT BEDS
CUSHIONS
HARNESSES
PILLOWS
SEATS

COUETTE FLOW

GS FLUID FLOW
. STEADY FLOW
. COUETTE FLOW
. TWO DIMENSIONAL FLOW
. COUETTE FLOW
. VISCOUS FLOW
. COUETTE FLOW
RT ANNULAR FLOW
AXISYMMETRIC FLOW
HARTMANN FLOW

COUETTE FLOW--(cont.)

ROTATING CYLINDERS

COUGAR AIRCRAFT

USE F-9 AIRCRAFT

COUGH

GS REFLEXES
. RESPIRATORY REFLEXES
. COUGH
SIGNS AND SYMPTOMS
. COUGH
RT EXPELLANTS

COULEES

USE CANYONS

COULOMB COLLISIONS

GS COLLISIONS
. COULOMB COLLISIONS
RT CHARGED PARTICLES

COULOMB POTENTIAL

GS POTENTIAL ENERGY
. ELECTRIC POTENTIAL
. COULOMB POTENTIAL
RT CHARGED PARTICLES
COULOMETRY
ELECTRIC FIELD STRENGTH
ELECTRIC FIELDS
 ∞ POTENTIAL

COULOMETERS

GS MEASURING INSTRUMENTS
. COULOMETERS
RT AMMETERS
CHEMICAL ANALYSIS
COULOMETRY
ELECTRICAL MEASUREMENT
ELECTROCHEMISTRY
ELECTRODEPOSITION
ELECTROLYSIS
TITRATION
VOLTMETERS

COULOMETRY

GS ELECTRICAL MEASUREMENT
. COULOMETRY
ELECTROCHEMISTRY
. ELECTROLYSIS
. COULOMETRY
RT COULOMB POTENTIAL
COULOMETERS

COUNTDOWN

GS PREFLIGHT OPERATIONS
. COUNTDOWN
SCHEDULES
. COUNTDOWN
RT CHECKOUT
CREW PROCEDURES (PREFLIGHT)
LAUNCHING
LIFTOFF (LAUNCHING)
PRELAUNCH PROBLEMS
PRELAUNCH TESTS
SPACE VEHICLE CHECKOUT PROGRAM
SPACECRAFT LAUNCHING
WINDOWS (INTERVALS)

COUNTER ROTATION

GS GYRATION
. ROTATION
. COUNTER ROTATION
RT BOUNDARY VALUE PROBLEMS
COUNTER-ROTATING WHEELS
COUNTERFLOW
ROTATING DISKS
ROTATING FLUIDS

COUNTER-ROTATING WHEELS

UF INERTIA WHEELS
GS WHEELS
. COUNTER-ROTATING WHEELS
RT COUNTER ROTATION
FLYWHEELS
GEARS
MECHANICAL DRIVES
REACTION WHEELS

COUNTERBALANCES

RT AIRCRAFT STABILITY
BALLAST (MASS)
DYNAMIC STABILITY
MASS DISTRIBUTION

COUNTERBALANCES--(cont.)

SPACECRAFT STABILITY
STATIC STABILITY

COUNTERFLOW

GS FLUID FLOW
. COUNTERFLOW
RT AXIAL FLOW
COUNTER ROTATION
HEAT EXCHANGERS
HEAT TRANSFER
TRAPPED VORTICES
TURBULENT DIFFUSION
TURBULENT FLOW
VORTICES

COUNTERMEASURES

GS COUNTERMEASURES
. BALLISTIC MISSILE DECOYS
. ELECTRONIC COUNTERMEASURES
. ANTIRADAR COATINGS
. CHAFF
. JAMMING
. OPTICAL COUNTERMEASURES
. REENTRY DECOYS
RT ANTIRADIATION MISSILES
BLUE GOOSE MISSILE
DECOYS
PROTECTION
QUAIL MISSILE
RADAR ABSORBERS
TARGET MASKING
TORPEDOES

COUNTERS

UF DEKATRONS
GAS DISCHARGE COUNTERS
PULSE RECORDERS
QUANTIZER
GS MEASURING INSTRUMENTS
. COUNTERS
. RADIATION COUNTERS
. CERENKOV COUNTERS
. ELECTRON COUNTERS
. GEIGER COUNTERS
. NEUTRON COUNTERS
. NEUTRON SPECTROMETERS
. PARTICLE TELESOPES
. PROPORTIONAL COUNTERS
. QUANTUM COUNTERS
. SCINTILLATION COUNTERS
. SPARK CHAMBERS
RT ACCUMULATORS (COMPUTERS)
COMPUTER COMPONENTS
COUNTING
COUNTING CIRCUITS
DATA RECORDERS
IONIZATION CHAMBERS
MONITORS
RECORDING INSTRUMENTS

COUNTERSINKING

RT GRINDING (MATERIAL REMOVAL)
METAL CUTTING

COUNTING

RT COUNTERS
DATA ACQUISITION
ENUMERATION
ESTIMATING
 ∞ MEASUREMENT
 ∞ NUMBERS
OBSERVATION
REPETITION
SAMPLING

COUNTING CIRCUITS

GS CIRCUITS
. COUNTING CIRCUITS
. SCALERS
RT COUNTERS
LOGIC CIRCUITS

COUNTING RATE COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
. COUNTING RATE COMPUTERS

COUPLED MODES

UF MODE COUPLING
GS MODES
. COUPLED MODES
RT CHEMICAL BONDS
COUPLES
COUPLINGS

COUPLED MODES--(cont.)

CROSSLINKING
LASER ARRAYS
MAGNETOSPHERE-IONOSPHERE
COUPLING
POLYMERIZATION
STRONGLY COUPLED PLASMAS
UNCOUPLED MODES

COUPLERS

SN (EXCLUDES MECHANICAL DEVICE)
GS **COUPLERS**
 . ANTENNA COUPLERS
 . . DIPLEXERS
 . . DIRECTIONAL COUPLERS
 . COUPLING CIRCUITS
RT ANTENNA COMPONENTS
COUPLING
COUPLINGS
IMPEDANCE MATCHING
YOKES

COUPLES

RT ANTENNA COUPLERS
COUPLED MODES
COUPLING CIRCUITS
CROSS COUPLING
DIPLEXERS
OPTICAL COUPLING
SPIN-SPIN COUPLING
UNCOUPLED MODES
YOKES

COUPLING

SN (FOR MECHANICAL DEVICES, USE COUPLINGS)
GS **COUPLING**
 . ACOUSTIC COUPLING
 . CROSS COUPLING
 . ELECTROMAGNETIC COUPLING
 . . MICROWAVE COUPLING
 . . OPTICAL COUPLING
 . GYROSCOPIC COUPLING
 . MAGNETOSPHERE-IONOSPHERE COUPLING
 . SPIN-SPIN COUPLING
 . THERMODYNAMIC COUPLING
RT ANTENNA COUPLERS
CLEBSCH-GORDAN COEFFICIENTS
COUPLERS
COUPLINGS
DECOUPLING
DIRECTIONAL COUPLERS
LINKAGES
MECHANICAL DRIVES
RACAH COEFFICIENT
VELOCITY COUPLING
WAVE INTERACTION

COUPLING CIRCUITS

GS CIRCUITS
 . **COUPLING CIRCUITS**
 COUPLERS
 . **COUPLING CIRCUITS**
RT ANTENNA COUPLERS
COUPLES
CROSS COUPLING
ENERGY TRANSFER
IMPEDANCE MATCHING
MICROWAVE COUPLING
∞ NETWORKS
RC CIRCUITS
RL CIRCUITS
TRANSFORMERS

COUPLING COEFFICIENTS

GS COEFFICIENTS
 . **COUPLING COEFFICIENTS**
RT FORM FACTORS
MAGNETIC INDUCTION
TRANSFER FUNCTIONS

COUPLINGS

RT ANCHORS (FASTENERS)
BOLTS
CLIPS
CLOSURES
CONNECTORS
COUPLED MODES
COUPLERS
COUPLING
DIRECTIONAL COUPLERS
FASTENERS
FITTINGS
∞ JOINING

COUPLINGS--(cont.)

JOINTS (JUNCTIONS)
LINKAGES
MECHANICAL DRIVES
PINS
RIVETS
SCREWS
SLEEVES
SPLINES
TRAILERS
UNIONS (CONNECTORS)

COURIER AIRCRAFT

USE U-10 AIRCRAFT

COURIER SATELLITE

GS ARTIFICIAL SATELLITES
 . **COURIER SATELLITE**
RT ADVENT PROJECT

COURSES

USE PATHS

COVALENCE

RT CHEMICAL BONDS
COVALENT BONDS

COVALENT BONDS

GS CHEMICAL BONDS
 . **COVALENT BONDS**
RT COVALENCE

COVARIANCE

GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . . MULTIVARIATE STATISTICAL ANALYSIS
 . . . **COVARIANCE**
RT CORRELATION
EXPERIMENT DESIGN
FACTOR ANALYSIS
ORTHOGONALITY
QUALITY CONTROL
REGRESSION ANALYSIS
SIGNIFICANCE
VARIABILITY

COVERALLS

GS CLOTHING
 . **COVERALLS**
RT FLIGHT CLOTHING
PROTECTIVE CLOTHING

COVERINGS

RT CAMOUFLAGE
∞ CAPS
∞ CASING
CLOSURES
COATINGS
ELECTROSTATIC BONDING
ENCLOSURES
∞ ENVELOPES
GUARDS (SHIELDS)
HOUSINGS
JACKETS
MASKING
PRESERVING
SEALING
SHELLS (STRUCTURAL FORMS)
SHROUDS
SPHERICAL CAPS

COVES

USE BAYS (TOPOGRAPHIC FEATURES)

COWELL METHOD

USE NUMERICAL INTEGRATION

COWLINGS

GS HOUSINGS
 . **COWLINGS**
RT AIR INTAKES
FAIRINGS
NACELLES
PODS (EXTERNAL STORES)
PROTUBERANCES
SHELLS (STRUCTURAL FORMS)

CRAB NEBULA

GS CELESTIAL BODIES
 . NEBULAE
 . . **CRAB NEBULA**
RT ORION NEBULA
SUPERNOVAE

CRAB NEBULA--(cont.)

TAURUS CONSTELLATION

CRABS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . **CRABS**

CRACK ARREST

RT CRACK INITIATION
CRACK PROPAGATION
CRACK TIPS
CRACKING (FRACTURING)

CRACK CLOSURE

RT BRITTLENESS
CRACKING (FRACTURING)
CRACKS
ELBER EQUATION
FATIGUE (MATERIALS)
FRACTOGRAPHY
FRACTURE MECHANICS
FRACTURE STRENGTH
FRACTURING
GRIFFITH CRACK
METAL FATIGUE
MICROCRACKS
STRESS CORROSION CRACKING
SURFACE CRACKS

CRACK FORMATION

USE CRACK INITIATION

CRACK GEOMETRY

GS GEOMETRY
 . **CRACK GEOMETRY**
RT CAVITIES
CRACK TIPS
CRACKS
FATIGUE (MATERIALS)
FRACTOGRAPHY
MICROCRACKS
SHORT CRACKS
SURFACE CRACKS
VOIDS

CRACK INITIATION

UF CRACK FORMATION
RT BRITTLENESS
CRACK ARREST
CRACK TIPS
CRACKS
CRITICAL LOADING
FRACTURE MECHANICS
FRACTURE STRENGTH
J INTEGRAL
METAL FATIGUE
METAL SURFACES
MICROCRACKS
SHORT CRACKS
STRESS CONCENTRATION
STRESS CORROSION CRACKING
STRESS INTENSITY FACTORS
SURFACE CRACKS
SURFACE DEFECTS
TOUGHNESS

CRACK OPENING DISPLACEMENT

UF COD (CRACKS)
GS DISPLACEMENT
 . **CRACK OPENING DISPLACEMENT**
RT CRACK PROPAGATION
CRACKING (FRACTURING)
CRACKS
FRACTURE MECHANICS
FRACTURE STRENGTH
FRACTURES (MATERIALS)
FRACTURING
GAPS
NOTCH TESTS
NOTCHES
VOIDS

CRACK PROPAGATION

GS PROPAGATION (EXTENSION)
 . **CRACK PROPAGATION**
RT ACOUSTIC EMISSION
BEND TESTS
BRITTLENESS
COFFIN-MANSON LAW
CRACK ARREST
CRACK OPENING DISPLACEMENT
CRACK TIPS
CRACKING (FRACTURING)

CRACK PROPAGATION--(cont.)

CRACKS
 FATIGUE (MATERIALS)
 FRACTOGRAPHY
 FRACTURE MECHANICS
 FRACTURE STRENGTH
 FRACTURING
 GRIFFITH CRACK
 J INTEGRAL
 METAL FATIGUE
 MICROMECHANICS
 PLANE STRAIN
 ∞ PROPAGATION
 RESIDUAL STRENGTH
 ∞ RESISTANCE
 SEGREGATION CHARACTERISTIC
 SHORT CRACKS
 STRAIN DISTRIBUTION
 STRESS CORROSION CRACKING
 STRESS DISTRIBUTION
 STRESS INTENSITY FACTORS
 SURFACE CRACKS

CRACK TIPS

GS FRACTURES (MATERIALS)
 . CRACKS
 . . CRACK TIPS
 TIPS
 . CRACK TIPS
 RT CRACK ARREST
 CRACK GEOMETRY
 CRACK INITIATION
 CRACK PROPAGATION

CRACKING (CHEMICAL ENGINEERING)

GS CHEMICAL REACTIONS
 . CRACKING (CHEMICAL ENGINEERING)
 . . HYDROCRACKING
 . . PYROLYSIS
 DECOMPOSITION
 . CRACKING (CHEMICAL ENGINEERING)
 . . HYDROCRACKING
 . . PYROLYSIS
 RT AMMONOLYSIS
 CATALYSIS
 CATALYTIC ACTIVITY
 CHEMICAL ENGINEERING
 COAL GASIFICATION
 ELECTROLYSIS
 HYDROCARBONS
 HYDROGENOLYSIS
 HYDROLYSIS
 NITROLYSIS
 ORGANIC CHEMISTRY
 PHOTOLYSIS
 THERMAL DISSOCIATION

CRACKING (FRACTURING)

GS FRACTURING
 . CRACKING (FRACTURING)
 . . STRESS CORROSION CRACKING
 RT BRITTLE MATERIALS
 BRITTLENESS
 CRACK ARREST
 CRACK CLOSURE
 CRACK OPENING DISPLACEMENT
 CRACK PROPAGATION
 CRACKS
 DESTRUCTION
 FAILURE
 FATIGUE (MATERIALS)
 J INTEGRAL
 RUPTURING
 STRESS CONCENTRATION
 STRESS CORROSION
 STRESS INTENSITY FACTORS
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS

CRACKS

UF CREVICES
 GS FRACTURES (MATERIALS)
 . CRACKS
 . . CRACK TIPS
 . . MICROCRACKS
 . . SHORT CRACKS
 . . SURFACE CRACKS
 RT CAVITIES
 CRACK CLOSURE
 CRACK GEOMETRY
 CRACK INITIATION
 CRACK OPENING DISPLACEMENT
 CRACK PROPAGATION
 CRACKING (FRACTURING)

CRACKS--(cont.)

DEFECTS
 ELBER EQUATION
 FAILURE MODES
 FATIGUE (MATERIALS)
 INTERSTICES
 LEAKAGE
 OPENINGS
 STRESSES
 TEMPERATURE INVERSIONS
 ULTRASONIC SPECTROSCOPY

CRAF MISSION

USE COMET RENDEZVOUS ASTEROID FLYBY
 MISSION

CRAFT

USE VEHICLES

CRAMPS

RT EPILEPSY
 MUSCULAR FUNCTION
 SEIZURES

CRANES

SN (EXCLUDES BIRDS)
 GS HANDLING EQUIPMENT
 . CRANES
 . . GANTRY CRANES
 . . BOOMS (EQUIPMENT)
 . . CONVEYORS
 ∞ LIFTS
 LOGISTICS
 MATERIALS HANDLING
 TOWERS
 WINCHES

CRANIUM

GS ANATOMY
 . HEAD (ANATOMY)
 . . SKULL
 . . CRANIUM
 . . . INTRACRANIAL CAVITY
 . . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . SKULL
 . . . CRANIUM
 INTRACRANIAL CAVITY
 RT INTERCRANIAL CIRCULATION
 MASTOIDS

CRANK-NICHOLSON METHOD

RT BOUNDARY VALUE PROBLEMS
 DIFFERENTIAL EQUATIONS
 FINITE DIFFERENCE THEORY
 FINITE ELEMENT METHOD
 NUMERICAL ANALYSIS
 PROBLEM SOLVING

CRANKED WINGS

USE SWEEP WINGS

CRANKS

USE ECCENTRICS

CRASH INJURIES

GS INJURIES
 . CRASH INJURIES
 RT ACCIDENTS
 BURNS (INJURIES)
 HAZARDS
 WHIPLASH INJURIES

CRASH LANDING

GS CRASHES
 . CRASH LANDING
 . . DITCHING (LANDING)
 LANDING
 . AIRCRAFT LANDING
 . . CRASH LANDING
 . . . DITCHING (LANDING)
 RT AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 ARRESTING GEAR
 CRASHWORTHINESS
 FLIGHT HAZARDS
 GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 LUNAR LANDING
 PILOT ERROR
 PLANETARY LANDING

CRASH LANDING--(cont.)

SKID LANDINGS
 SOFT LANDING
 SPACECRAFT LANDING
 WATER LANDING

CRASHES

GS CRASHES
 . CRASH LANDING
 . . DITCHING (LANDING)
 RT ACCIDENTS
 AIR BAG RESTRAINT DEVICES
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 COLLISIONS
 CRASHWORTHINESS
 ENCOUNTERS
 FLIGHT HAZARDS
 FLIGHT SAFETY
 HIGHWAYS
 MIDAIR COLLISIONS
 PILOT ERROR
 SAFETY
 WRECKAGE

CRASHWORTHINESS

RT AIRCRAFT ACCIDENTS
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 CRASH LANDING
 CRASHES
 FLIGHT SAFETY
 IMPACT RESISTANCE

CRATERING

GS CRATERING
 . PROJECTILE CRATERING
 RT CRATERS
 EJECTA
 IMPACT DAMAGE
 MARS CRATERS
 METEORITE CRATERS
 METEORITIC DAMAGE
 NUCLEAR EXPLOSIONS

CRATERS

UF MAARS
 METEOR CRATERS
 GS CRATERS
 . LUNAR CRATERS
 . . PTOLEMAEUS CRATER
 . . TYCHO CRATER
 . . METEORITE CRATERS
 . . PLANETARY CRATERS
 . . MARS CRATERS
 RT CALDERAS
 CONES (VOLCANOES)
 CRATERING
 EJECTA
 IMPACT DAMAGE
 SATELLITE SURFACES

CRATONS

RT CONTINENTS
 EARTH CRUST
 EARTH SURFACE
 OCEAN BOTTOM

CRAWLER TRACTORS

GS SURFACE VEHICLES
 . MOTOR VEHICLES
 . . TRACTORS
 . . . CRAWLER TRACTORS
 RT ELECTRIC MOTOR VEHICLES
 GROUND SUPPORT EQUIPMENT
 HANDLING EQUIPMENT
 LUNAR SURFACE VEHICLES
 MANNED LUNAR SURFACE VEHICLES
 TRACKED VEHICLES
 ∞ TRANSPORT VEHICLES
 ∞ VEHICLES

CRAY COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . SUPERCOMPUTERS
 . . . CRAY COMPUTERS

CRAYONS

RT ∞ MARKERS
 TEMPERATURE MEASUREMENT

CRAZING

USE SURFACE CRACKS

CREATINE

GS CRYSTALS
 . CREATINE
 RT JUICES

CREATININE

RT DISEASES
 URINE

CREATION

USE CREATIVITY

CREATIVITY

UF CREATION
 RT ARTS
 EDUCATION
 MORALE

CREEP ANALYSIS

RT ∞ ANALYZING
 STRESS ANALYSIS
 STRESS RELAXATION
 STRUCTURAL ANALYSIS

CREEP BUCKLING

GS BUCKLING
 . CREEP BUCKLING

CREEP DIAGRAMS

GS DIAGRAMS
 . CREEP DIAGRAMS
 RT STRESS RELAXATION
 STRESS-STRAIN-TIME RELATIONS

CREEP PROPERTIES

GS MECHANICAL PROPERTIES
 . CREEP PROPERTIES
 . . SHEAR CREEP
 . . STEADY STATE CREEP
 . . TENSILE CREEP
 RT ANELASTICITY
 DEFORMATION
 DIMENSIONAL STABILITY
 DUCTILITY
 FATIGUE (MATERIALS)
 ∞ FLOW
 PLASTIC DEFORMATION
 PLASTIC FLOW
 ∞ PROPERTIES
 RESIDUAL STRESS
 SHEAR FLOW
 SHEAR PROPERTIES
 STATIC DEFORMATION
 STRESS RELAXATION
 STRESSES
 STRUCTURAL FAILURE
 SUPERPLASTICITY
 TEMPERATURE INVERSIONS

CREEP RESISTANCE

USE CREEP STRENGTH

CREEP RUPTURE STRENGTH

UF STRESS RUPTURE STRENGTH
 GS MECHANICAL PROPERTIES
 . CREEP RUPTURE STRENGTH
 RT FRACTURE STRENGTH
 J INTEGRAL
 ∞ STRENGTH

CREEP STRENGTH

UF CREEP RESISTANCE
 GS MECHANICAL PROPERTIES
 . CREEP STRENGTH
 RT LOAD CARRYING CAPACITY
 ∞ RESISTANCE
 ∞ STRENGTH

CREEP TESTS

RT COMPRESSION TESTS
 FATIGUE TESTS
 LOAD TESTS
 PLASTIC DEFORMATION
 STATIC TESTS
 ∞ TESTS

CREPE

GS FABRICS
 . CREPE
 RT COTTON FIBERS
 SILK

CRESOLS

GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . PHENOLS
 . . . CRESOLS

CRESTATRONS

USE TRAVELING WAVE TUBES

CRESTS

USE WAVES

CRETACEOUS PERIOD

GS MESOZOIC ERA
 . CRETACEOUS PERIOD
 RT CRETACEOUS-TERTIARY BOUNDARY
 GEOCHRONOLOGY
 PALEONTOLOGY
 TERTIARY PERIOD

CRETACEOUS-TERTIARY BOUNDARY

UF K-T BOUNDARY
 RT CENOZOIC ERA
 CRETACEOUS PERIOD
 EXTINCTION
 GEOCHRONOLOGY
 MESOZOIC ERA
 PALEOBIOLOGY
 PALEONTOLOGY
 TERTIARY PERIOD

CREVASSES

GS CREVASSES
 . GLACIERS
 RT EARTH MOVEMENTS
 GEOLOGICAL FAULTS
 RECESSES
 SEAMOUNTS

CREVICES

USE CRACKS

CREW EXPERIMENT STATIONS

GS STATIONS
 . CREW WORKSTATIONS
 . . CREW EXPERIMENT STATIONS
 RT ASTRONAUTS
 COMPARTMENTS
 COSMONAUTS
 CREWS
 PERSONNEL
 SPACECRAFT CABINS
 SPACECREWS

CREW OBSERVATION STATIONS

GS STATIONS
 . CREW WORKSTATIONS
 . . CREW OBSERVATION STATIONS
 RT ASTRONAUTS
 COMPARTMENTS
 COSMONAUTS
 CREWS
 PERSONNEL
 SPACECRAFT CABINS
 SPACECREWS

CREW PROCEDURES (INFLIGHT)

GS FLIGHT OPERATIONS
 . CREW PROCEDURES (INFLIGHT)
 PROCEDURES
 RT DISPLAY DEVICES
 FLIGHT CREWS
 IN-FLIGHT MONITORING
 SPACECREWS
 TASKS
 ∞ TESTS

CREW PROCEDURES (PREFLIGHT)

GS PROCEDURES
 . CREW PROCEDURES (PREFLIGHT)
 RT COUNTDOWN
 DISPLAY DEVICES
 FLIGHT CREWS
 FLIGHT OPERATIONS
 GROUND HANDLING
 GROUND TESTS
 IN-FLIGHT MONITORING
 ONBOARD EQUIPMENT
 PREFLIGHT OPERATIONS
 PRELAUNCH TESTS
 SPACECRAFT CONTROL
 SPACECREWS
 TASKS

CREW PROCEDURES (PREFLIGHT)--(cont.)

∞ TESTS

CREW SIZE

RT FLIGHT CREWS

CREW STATIONS

USE CREW WORKSTATIONS

CREW WORKSTATIONS

UF CREW STATIONS
 GS STATIONS
 . CREW WORKSTATIONS
 . . CREW EXPERIMENT STATIONS
 . . CREW OBSERVATION STATIONS
 RT ASTRONAUTS
 COMPARTMENTS
 COSMONAUTS
 CREWS
 HELMET MOUNTED DISPLAYS
 PERSONNEL
 SPACECRAFT CABINS
 SPACECREWS

CREWS

GS PERSONNEL
 . CREWS
 . . FLIGHT CREWS
 . . . SPACECREWS
 RT ASTRONAUTS
 COSMONAUTS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW WORKSTATIONS
 FLIGHT NURSES
 PILOTS (PERSONNEL)

CRICKETS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 CRICKETS

CRIME

RT AIR PIRACY
 LAW (JURISPRUDENCE)
 POLICE
 REGULATIONS
 SECURITY
 SOCIAL FACTORS
 SURVEILLANCE
 VIOLENCE

CRIMPING

USE FOLDING

CRITERIA

GS CRITERIA
 . STRUCTURAL DESIGN CRITERIA
 RT EVALUATION
 FIGURE OF MERIT
 ∞ MEASURES
 STANDARDS

CRITICAL EXPERIMENTS

RT EXPERIMENTATION
 NUCLEAR FISSION
 NUCLEAR REACTIONS

CRITICAL FLICKER FUSION

UF FLICKER FUSION FREQUENCY
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . VISUAL PERCEPTION
 . . . CRITICAL FLICKER FUSION
 RT AFTERIMAGES
 FLICKER

CRITICAL FLOW

GS FLUID FLOW
 . CRITICAL FLOW
 RT FLOW CHARACTERISTICS
 GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW

CRITICAL FLOW--(cont.)

GS SUPERCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

CRITICAL FREQUENCIES

GS FREQUENCIES
RT . **CRITICAL FREQUENCIES**
LIGHT (VISIBLE RADIATION)
RESONANT FREQUENCIES

CRITICAL LOADING

SN (LIMITED TO FORCE LOADS)
UF CRITICAL STRESS
GS LOADS (FORCES)
RT . **CRITICAL LOADING**
STRESSES
AERODYNAMIC LOADS
CRACK INITIATION
DYNAMIC LOADS
LOAD CARRYING CAPACITY
PROPORTIONAL LIMIT
SHALLOW SHELLS
STATIC LOADS

CRITICAL MACH NUMBER

USE CRITICAL VELOCITY
MACH NUMBER

CRITICAL MASS

GS MASS
RT . **CRITICAL MASS**
NUCLEAR FISSION
NUCLEAR FUEL BURNUP
NUCLEAR REACTIONS
PLASMA CORE REACTORS
SUBCRITICAL MASS

CRITICAL PATH METHOD

GS NETWORK ANALYSIS
RT . **CRITICAL PATH METHOD**
CONTROL
DYNAMIC PROGRAMMING
ESTIMATING
GERT
MANAGEMENT METHODS
METHODODOLOGY
MISSION PLANNING
OPERATIONS RESEARCH
PATHS
PERT
PLANNING
PROGRAM TREND LINE ANALYSIS
PROGRAMMING (SCHEDULING)
PROJECT MANAGEMENT
RESEARCH
SEQUENCING
SNEAK CIRCUIT ANALYSIS
SYSTEMS ENGINEERING

CRITICAL POINT

GS THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
RT . **CRITICAL POINT**
MAYER PROBLEM

CRITICAL PRESSURE

GS PRESSURE
RT . **CRITICAL PRESSURE**
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
DEGENERATE MATTER
HIGH PRESSURE
LIQUID PHASES
SUPERCRITICAL PRESSURES
VAPOR PHASES

CRITICAL REYNOLDS NUMBER

USE REYNOLDS NUMBER

CRITICAL SPEED

USE CRITICAL VELOCITY

CRITICAL STRESS

USE CRITICAL LOADING

CRITICAL TEMPERATURE

GS TEMPERATURE
RT . **CRITICAL TEMPERATURE**
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
PLANTS (BOTANY)

CRITICAL TEMPERATURE--(cont.)

RT CRYOGENIC TEMPERATURE
HEAT TREATMENT
HIGH TEMPERATURE
SUPERCONDUCTORS
METALLIC HYDROGEN
NONCONDENSABLE GASES
PHASE DIAGRAMS
PHASE TRANSFORMATIONS

CRITICAL VELOCITY

UF CRITICAL MACH NUMBER
GS CRITICAL SPEED
RATES (PER TIME)
RT . **CRITICAL VELOCITY**
VELOCITY
EXHAUST VELOCITY
RESONANT FREQUENCIES
REYNOLDS NUMBER
TIP SPEED

CROCCO METHOD

RT AXISYMMETRIC FLOW
BOUNDARY LAYERS
COMPRESSIBLE FLOW
COMPRESSIBLE FLUIDS
ENTROPY
INVISCID FLOW
METHODODOLOGY
SHOCK WAVE PROPAGATION
STEADY FLOW
VORTICITY

CROCCO-LEE THEORY

RT BOUNDARY LAYER SEPARATION
CONTINUITY EQUATION
GAS FLOW
INVISCID FLOW
MASS FLOW
MULTIPHASE FLOW
REATTACHED FLOW
SEPARATED FLOW
THEORIES

CROLOY

GS ALLOYS
IRON ALLOYS
STEELS
CROLOY

CROP CALENDARS

GS CALENDARS
RT . **CROP CALENDARS**
CROPS
FARM CROPS
GROWTH
SCHEDULING
SEASONS

CROP DUSTING

GS SPRAYING
RT . **CROP DUSTING**
AEROSOLS
AGRICULTURAL AIRCRAFT
AGRICULTURE
DISPERSIONS
FARM CROPS
PESTICIDES
POWDER (PARTICLES)

CROP GROWTH

GS GROWTH
VEGETATION GROWTH
RT . **CROP GROWTH**
AGRICULTURE
ALFALFA
BARLEY
BLIGHT
CITRUS TREES
CORN
CROPS
EARTH RESOURCES
FARM CROPS
FARMLANDS
GERMINATION
GRASSLANDS
LARGE AREA CROP INVENTORY
EXPERIMENT
OATS
ORCHARDS
PHOTOSYNTHESIS
PLANT DISEASES
PLANT STRESS
PLANTS (BOTANY)

CROP GROWTH--(cont.)

SUGAR BEETS
SUGAR CANE
THERMAL RESOURCES
VINEYARDS
WHEAT

CROP IDENTIFICATION

GS IDENTIFYING
RT . **CROP IDENTIFICATION**
AGRICULTURE
CROPS
EARTH RESOURCES
EVALUATION
FARMLANDS
GROUND TRUTH
IMAGING TECHNIQUES
LEAF AREA INDEX
MULTISPECTRAL PHOTOGRAPHY
PLANT DISEASES
RECOGNITION
REMOTE SENSORS
SENSORS
SORGHUM
SPECTRAL SIGNATURES
SPOT (FRENCH SATELLITE)
SUNFLOWERS
TIMBER IDENTIFICATION
VEGETATIVE INDEX

CROP INVENTORIES

GS INVENTORIES
RT . **CROP INVENTORIES**
AGRICULTURE
AGRISTARS PROJECT
FARM CROPS
FARMLANDS
LARGE AREA CROP INVENTORY
EXPERIMENT
LEAF AREA INDEX
REMOTE SENSORS
VEGETATIVE INDEX

CROP INVENTORIES BY REMOTE SENSING

USE AGRISTARS PROJECT

CROP VIGOR

RT AGRICULTURE
ALFALFA
BARLEY
BLIGHT
CITRUS TREES
FARM CROPS
FARMLANDS
IRRIGATION
OATS
ORCHARDS
PHOTOTROPISM
PLANT DISEASES
PLANT STRESS
PLANTS (BOTANY)
SUGAR BEETS
SUGAR CANE
THERMAL RESOURCES
VEGETATION GROWTH
VIABILITY
VINEYARDS
WHEAT

CROPLANDS

USE FARMLANDS

CROPS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AGRICULTURE
ALFALFA
BARLEY
BIOMASS ENERGY PRODUCTION
CITRUS TREES
CORN
CROP CALENDARS
CROP GROWTH
CROP IDENTIFICATION
FARM CROPS
FARMLANDS
FROST DAMAGE
LARGE AREA CROP INVENTORY
EXPERIMENT
ORCHARDS
PLANTING
SORGHUM
SUNFLOWERS
TOMATOES

CROPS--(cont.)

VINEYARDS
WHEAT

CROSS CORRELATION

GS CORRELATION
. **CROSS CORRELATION**
RT AUTOCORRELATION
DATA CORRELATION

CROSS COUPLING

GS COUPLING
. **CROSS COUPLING**
RT COMMUNICATION THEORY
COUPLES
COUPLING CIRCUITS
MICROWAVE COUPLING
OPTICAL COUPLING
RADIO FREQUENCY INTERFERENCE

CROSS FAULTS

USE GEOLOGICAL FAULTS

CROSS FLOW

GS FLUID FLOW
. **CROSS FLOW**
RT AERODYNAMIC CHARACTERISTICS
 ∞ FLOW
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLUID DYNAMICS
SPANWISE BLOWING
WATER TUNNEL TESTS

CROSS POLARIZATION

GS POLARIZATION (WAVES)
. **CROSS POLARIZATION**
RT OPTICAL COUPLING
OPTICAL PROPERTIES
POLARIZED ELECTROMAGNETIC
RADIATION
POLARONS
ROTATION

CROSS RELAXATION

RT MASERS
 ∞ RELAXATION
RUTILE
SPIN-SPIN COUPLING

 ∞ **CROSS SECTIONS**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ABSORPTION CROSS SECTIONS
AIRFOIL PROFILES
AREA
ATOMIC COLLISIONS
COLLISION PARAMETERS
DISTRIBUTION (PROPERTY)
DRAWINGS
GEOMETRY
GRADIENTS
IONIZATION CROSS SECTIONS
MEAN FREE PATH
NEUTRON CROSS SECTIONS
PLANFORMS
RADAR CROSS SECTIONS
SCATTERING CROSS SECTIONS
SHAPES
STOPPING POWER
SURVEYS
TWO DIMENSIONAL BODIES

CROSSBEDDING (GEOLOGY)

GS GEOLOGY
. **CROSSBEDDING (GEOLOGY)**
RT LANDFORMS
ROCKS
STRATA
STRATIFICATION
STRATIGRAPHY

CROSSED FIELD AMPLIFIERS

GS AMPLIFIERS
. MICROWAVE AMPLIFIERS
. **CROSSED FIELD AMPLIFIERS**
MICROWAVE EQUIPMENT
MICROWAVE AMPLIFIERS
. **CROSSED FIELD AMPLIFIERS**
RT ELECTRON TUBES
MAGNETRONS
TRAVELING WAVE TUBES

CROSSED FIELD GUNS

RT ELECTRON GUNS
 ∞ GUNS
PLASMA CONTROL
PLASMA GUNS
PLASMA JETS

CROSSED FIELDS

RT ELECTRIC FIELDS
FIELD THEORY (PHYSICS)
MAGNETIC FIELDS
MAGNETRONS
PLASMA CONTROL
WAVEGUIDES

CROSSINGS

GS **CROSSINGS**
. CHIASMS
RT BRIDGES (STRUCTURES)
CROSSOVERS
INTERSECTIONS
PIPELINES
RAMPS (STRUCTURES)

CROSSLINKING

GS **CROSSLINKING**
. VULCANIZING
RT ADDITION RESINS
COUPLED MODES
CURING
 ∞ JOINING
PHENOLIC EPOXY RESINS

CROSSOVERS

RT BRIDGES (STRUCTURES)
CROSSINGS
INTERSECTIONS

CROSSTALK

GS ELECTROMAGNETIC INTERFERENCE
. **CROSSTALK**
. IONOSPHERIC CROSS MODULATION
RT COMMUNICATING
ELECTROMAGNETIC COMPATIBILITY
 ∞ INTERFERENCE
TELEPHONY
WAVE DIFFRACTION

CROWDING

RT ∞ CONCENTRATION
 ∞ SATURATION

CRRES (SATELLITE)

UF COMBINED RELEASE AND RADIATION
EFFECTS SAT
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. **CRRES (SATELLITE)**
RT CHEMICAL CLOUDS
CHEMICAL RELEASE MODULES
EARTH IONOSPHERE
EARTH MAGNETOSPHERE
EXTRATERRESTRIAL RADIATION
ORBITAL SPACE TESTS
RADIATION EFFECTS
SPACE PLASMAS
SPACEBORNE EXPERIMENTS

CRUCIBLES

RT ∞ CONTAINERS
HEATING EQUIPMENT

CRUCIFORM WINGS

GS AIRFOILS
. WINGS
. **CRUCIFORM WINGS**
RT FIXED WINGS
LOW ASPECT RATIO WINGS

CRUDE OIL

UF PETROLEUM
GS OILS
. **CRUDE OIL**
RESOURCES
. EARTH RESOURCES
. FOSSIL FUELS
. **CRUDE OIL**
RT CARBONACEOUS MATERIALS
DEPOSITS
ENERGY POLICY
FUEL PRODUCTION
OFFSHORE ENERGY SOURCES
OIL EXPLORATION
OIL FIELDS

CRUDE OIL--(cont.)

PETROLEUM PRODUCTS
RESERVES
UNDERWATER RESOURCES
WAXES

CRUISE MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. **CRUISE MISSILES**
. NAVAHO MISSILE
. TOMAHAWK MISSILES
RT ANTISHIP MISSILES

CRUISING FLIGHT

RT COASTING FLIGHT
 ∞ FLIGHT
HORIZONTAL FLIGHT

CRUSADER AIRCRAFT

USE F-8 AIRCRAFT

CRUSHERS

RT COMMINUTION
CRUSHING
DISINTEGRATION
GRINDING MILLS
IMPACTORS

CRUSHING

GS COMMINUTION
. **CRUSHING**
RT CRUSHERS
DISINTEGRATION
GRINDING (COMMINUTION)

CRUSTAL DYNAMICS

USE EARTH CRUST
GEODYNAMICS

CRUSTAL FRACTURES

GS FRACTURING
. **CRUSTAL FRACTURES**
RT EARTH CRUST
EARTH MOVEMENTS
EARTH SURFACE
EARTHQUAKE RESISTANCE
EARTHQUAKES
GEODYNAMICS
GEOLOGICAL FAULTS
MICROSEISMS
P WAVES
S WAVES
SAN ANDREAS FAULT
SEISMIC WAVES
SEISMOLOGY
SHATTER CONES
SHOCK LOADS
SHOCK WAVES
SOIL MECHANICS
SURFACE WAVES

CRUSTS

GS **CRUSTS**
. LUNAR CRUST
. PLANETARY CRUSTS
. EARTH CRUST
RT LUNAR MANTLE
PLANETARY MANTLES

CRYOCHEMISTRY

GS PHYSICAL CHEMISTRY
. **CRYOCHEMISTRY**
RT ∞ CHEMISTRY
CRYOGENIC EQUIPMENT
CRYOGENICS
LOW TEMPERATURE PHYSICS

CRYOCYCLE PRINCIPLE

RT CRYOPUMPING
SPACECRAFT POWER SUPPLIES

CRYODEPOSITS

GS DEPOSITS
. **CRYODEPOSITS**
RT COATINGS
 ∞ CRYOGENIC STORAGE
CRYOGENICS

CRYOGENIC COMPUTER STORAGE

GS COMPUTER STORAGE DEVICES
. **CRYOGENIC COMPUTER STORAGE**
RT ∞ CRYOGENIC STORAGE
CRYOTRONS

CRYOGENIC COMPUTER STORAGE--(cont.)

∞ EQUIPMENT
SUPERCONDUCTORS

CRYOGENIC COOLING

GS COOLING
 . SUPERCOOLING
 . . **CRYOGENIC COOLING**
RT COOLERS
CRYOGENICS
FREEZING
HEAT TRANSFER
REFRIGERATING

CRYOGENIC EQUIPMENT

UF DEWAR SYSTEMS
RT CRYOCHEMISTRY
CRYOGENICS
∞ EQUIPMENT
GRAVITATIONAL WAVE ANTENNAS
REFRIGERATING
REFRIGERATING MACHINERY
SOLID CRYOGENS

CRYOGENIC FLUID STORAGE

RT COLD SURFACES
∞ CRYOGENIC STORAGE
EVAPORATIVE COOLING
FLUID MANAGEMENT
FUEL TANKS
MULTILAYER INSULATION
SPACE STORAGE
∞ STORAGE
STORAGE TANKS
THERMAL INSULATION

CRYOGENIC FLUIDS

GS LIQUIDS
 . **CRYOGENIC FLUIDS**
 . . FERMI LIQUIDS
 . . FLOX
 . . LIQUID HELIUM
 . . . LIQUID HELIUM 2
 . . LIQUID HYDROGEN
 . . LIQUID NITROGEN
 . . LIQUID OXYGEN
RT CRYOGENIC TEMPERATURE
CRYOGENICS
CRYOPUMPING
FLUID MANAGEMENT
∞ FLUIDS
ROCKET OXIDIZERS
SOLID CRYOGEN COOLING
SOLIDIFIED GASES

CRYOGENIC GYROSCOPES

GS GYROSCOPES
 . **CRYOGENIC GYROSCOPES**
RT HIGH TEMPERATURE
SUPERCONDUCTORS

CRYOGENIC MAGNETS

GS MAGNETS
 . **CRYOGENIC MAGNETS**
RT HIGH TEMPERATURE
SUPERCONDUCTORS
SUPERCONDUCTING MAGNETS

CRYOGENIC ROCKET PROPELLANTS

GS PROPELLANTS
 . ROCKET PROPELLANTS
 . . LIQUID ROCKET PROPELLANTS
 . . . **CRYOGENIC ROCKET PROPELLANTS**
RT CRYOGENICS
ENDOTHERMIC FUELS
FLUID MANAGEMENT
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
HIGH ENERGY FUELS
HIGH ENERGY PROPELLANTS
HYBRID PROPELLANTS
HYDROGEN FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUEFIED GASES
LIQUID HYDROGEN
LIQUID OXYGEN
RL-10 ENGINES
SLUSH
SPACE STORAGE
STORABLE PROPELLANTS

CRYOGENIC STORAGE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CRYODEPOSITS
CRYOGENIC COMPUTER STORAGE
CRYOGENIC FLUID STORAGE

CRYOGENIC TEMPERATURE

UF ULTRALOW TEMPERATURE
GS TEMPERATURE
 . LOW TEMPERATURE
 . . **CRYOGENIC TEMPERATURE**
RT ABSOLUTE ZERO
COLD TRAPS
CRITICAL TEMPERATURE
CRYOGENIC FLUIDS
CRYOGENICS
CURIE TEMPERATURE
SOLIDIFIED GASES
SPACE TEMPERATURE

CRYOGENIC WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . **CRYOGENIC WIND TUNNELS**
RT FLIGHT SIMULATORS
TEST CHAMBERS

CRYOGENICS

RT ABSOLUTE ZERO
COLD TRAPS
COOLING
CRYOCHEMISTRY
CRYODEPOSITS
CRYOGENIC COOLING
CRYOGENIC EQUIPMENT
CRYOGENIC FLUIDS
CRYOGENIC ROCKET PROPELLANTS
CRYOGENIC TEMPERATURE
CRYOPUMPING
CRYOSAR
CRYOSTATS
CRYOTRONS
FERMI LIQUIDS
HIGH TEMPERATURE
 . SUPERCONDUCTORS
 . JOULE-THOMSON EFFECT
 . LIQUEFIED GASES
 . LOW TEMPERATURE
 . LOW TEMPERATURE PHYSICS
 . REFRIGERATING
 . SOLID CRYOGEN COOLING
 . SOLID CRYOGENS
 . SOLID NITROGEN
 . SOLIDIFIED GASES
 . SUPERCONDUCTING POWER
 . TRANSMISSION
 . SUPERCONDUCTIVITY
 . THERMOELECTRIC COOLING
 . THERMOMAGNETIC COOLING

CRYOLITE

GS ALUMINUM COMPOUNDS
 . **CRYOLITE**
 . HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . **CRYOLITE**
 . . FLUORO COMPOUNDS
 . . . **CRYOLITE**
 . MINERALS
 . **CRYOLITE**
 . SODIUM COMPOUNDS
 . **CRYOLITE**
RT ALUMINUM

CRYOPUMPING

RT CRYOCYCLE PRINCIPLE
CRYOGENIC FLUIDS
CRYOGENICS
∞ PUMPING
VACUUM PUMPS

CRYOSAR

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . AVALANCHE DIODES
 **CRYOSAR**
 . RECTIFIERS
 . AVALANCHE DIODES
 . . **CRYOSAR**
RT BARRITT DIODES
COMPUTER STORAGE DEVICES

CRYOSAR--(cont.)

CRYOGENICS

CRYOSORPTION

USE SORPTION

CRYOSTATS

GS CONTROL EQUIPMENT
 . **CRYOSTATS**
RT CONTROLLERS
CRYOGENICS
ELECTRIC SWITCHES
HIGH TEMPERATURE TESTS
LIQUID HELIUM
LIQUID HELIUM 2
LOW TEMPERATURE TESTS
REGULATORS
TEMPERATURE CONTROL
THERMOSTATS

CRYOTRAPPING

GS TRAPPING
 . **CRYOTRAPPING**
RT COLD TRAPS

CRYOTRONS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . **CRYOTRONS**
 . SWITCHES
 . . ELECTRIC SWITCHES
 . . **CRYOTRONS**
RT CRYOGENIC COMPUTER STORAGE
CRYOGENICS
SUPERCONDUCTIVITY
SUPERCONDUCTORS

CRYPTOGRAPHY

RT ∞ CODES
 . CODING
 . COMPUTER INFORMATION SECURITY
 . DECODING
 . INFORMATION THEORY
 . MESSAGE PROCESSING

CRYSTAL DEFECTS

UF LATTICE IMPERFECTIONS
STACKING FAULTS
GS DEFECTS
 . **CRYSTAL DEFECTS**
 . . CRYSTAL DISLOCATIONS
 . . . EDGE DISLOCATIONS
 . . . SCREW DISLOCATIONS
 . . POINT DEFECTS
 . . . VACANCIES (CRYSTAL DEFECTS)
 . . . FRENKEL DEFECTS
RT CRYSTALLOGRAPHY
HOLES (ELECTRON DEFICIENCIES)
IMPURITIES
INTERSTITIALS
LATTICE VIBRATIONS
MECHANICAL TWINNING
ORDER-DISORDER TRANSFORMATIONS
PINNING
POLYGONIZATION
STACKING FAULT ENERGY
STACKS
SURFACE DEFECTS
TRAPPING
TWINNING

CRYSTAL DISLOCATIONS

GS DEFECTS
 . CRYSTAL DEFECTS
 . . **CRYSTAL DISLOCATIONS**
 . . . EDGE DISLOCATIONS
 . . . SCREW DISLOCATIONS
 . DISLOCATIONS (MATERIALS)
 . . **CRYSTAL DISLOCATIONS**
 . . . EDGE DISLOCATIONS
 . . . SCREW DISLOCATIONS
RT FATIGUE (MATERIALS)
GRAIN BOUNDARIES
PINNING
POINT DEFECTS
SUPERLATTICES
SUPERPLASTICITY
SURFACE DEFECTS

CRYSTAL FIELD SPLITTING

USE CRYSTAL FIELD THEORY

CRYSTAL FIELD THEORY

UF CRYSTAL FIELD SPLITTING
CRYSTAL FIELDS
GS FIELD THEORY (PHYSICS)
CRYSTAL FIELD THEORY
RT CRYSTAL LATTICES
ELECTRIC FIELDS
METAL IONS

CRYSTAL FIELDS

USE CRYSTAL FIELD THEORY

CRYSTAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
BANDPASS FILTERS
CRYSTAL FILTERS
ELECTRIC FILTERS
CRYSTAL FILTERS
RT BANDSTOP FILTERS
FILTERS
INTERMEDIATE FREQUENCY AMPLIFIERS
RADIO EQUIPMENT
RADIO FILTERS

CRYSTAL GROWTH

GS GROWTH
CRYSTAL GROWTH
CZOCHEWSKI METHOD
DIRECTIONAL SOLIDIFICATION (CRYSTALS)
EPITAXY
ELECTROEPITAXY
LIQUID PHASE EPITAXY
MOLECULAR BEAM EPITAXY
VAPOR PHASE EPITAXY
HYDROTHERMAL CRYSTAL GROWTH
PROTEIN CRYSTAL GROWTH
TRAVELING SOLVENT METHOD
VERNEUIL PROCESS
RT AITKEN NUCLEI
BRAVAIS CRYSTALS
BRIDGMAN METHOD
CONTAINERLESS MELTS
CRYSTALLIZATION
CRYSTALLOGRAPHY
CRYSTALS
DOPED CRYSTALS
FLOAT ZONES
INOCULATION
LASER DEPOSITION
MECHANICAL TWINNING
MELTS (CRYSTAL GROWTH)
METALORGANIC CHEMICAL VAPOR DEPOSITION
MICROGRAVITY APPLICATIONS
NUCLEATION
POLYGONIZATION
PULSED LASER DEPOSITION
RAPID QUENCHING (METALLURGY)
SPACE PROCESSING
TWINNING
VAPOR DEPOSITION

CRYSTAL LATTICES

GS CRYSTAL LATTICES
CLOSE PACKED LATTICES
CUBIC LATTICES
BODY CENTERED CUBIC LATTICES
FACE CENTERED CUBIC LATTICES
SUPERLATTICES
RT ATOMIC STRUCTURE
BRAVAIS CRYSTALS
BRILLOUIN ZONES
CHEMICAL BONDS
CRYSTAL FIELD THEORY
CRYSTALLOGRAPHY
CRYSTALS
EPITAXY
GEOMETRY
GRAPHOEPIITAXY
HEXAGONAL CELLS
IONIC CRYSTALS
ISING MODEL
ISOMORPHISM
KOSSEL PATTERN
LATTICE PARAMETERS
LATTICE VIBRATIONS
LATTICES
LAUE METHOD
METAL CRYSTALS
METALLOGRAPHY
MOLECULAR CHAINS
MOLECULAR STRUCTURE
MOSSBAUER EFFECT
ORDER-DISORDER TRANSFORMATIONS

CRYSTAL LATTICES--(cont.)

PARTICLE IN CELL TECHNIQUE
PATTERSON MAP
POLYMORPHISM
RAPID QUENCHING (METALLURGY)
SINGLE CRYSTALS
SYNTHETIC METALS
ULTRAPURE METALS

CRYSTAL OPTICS

RT ABERRATION
ACOUSTO-OPTICS
BRAGG CELLS
DIFFRACTION
DOPED CRYSTALS
FIBER OPTICS
GEOMETRICAL OPTICS
OPTICS
PHASE MATCHING
PHYSICAL OPTICS

CRYSTAL OSCILLATORS

GS CRYSTALS
CRYSTAL OSCILLATORS
PIEZOELECTRIC CRYSTALS
OSCILLATORS
CRYSTAL OSCILLATORS
PIEZOELECTRIC CRYSTALS
RT ELECTRICAL PROPERTIES
FREQUENCY CONTROL
FREQUENCY STABILITY
OSCILLATIONS
PIEZOELECTRICITY

CRYSTAL RECTIFIERS

UF SILICON RECTIFIERS
GS ELECTRONIC EQUIPMENT
DIODES
CRYSTAL RECTIFIERS
SOLID STATE DEVICES
CRYSTAL RECTIFIERS
RECTIFIERS
CRYSTAL RECTIFIERS
RT CURRENT CONVERTERS (AC TO DC)
SEMICONDUCTOR DEVICES

CRYSTAL STRUCTURE

SN (AGGLOMERATIONS OF CRYSTALS--
EXCLUDES CRYSTAL LATTICES)
GS CRYSTAL STRUCTURE
WIDMANSTATTEN STRUCTURE
RT ABRIKOSOV THEORY
ALLOTROPY
ANISOTROPY
BRAVAIS CRYSTALS
CLATHRATES
CRYSTALLINITY
CRYSTALLITES
CRYSTALS
DOPED CRYSTALS
EPITAXY
GRAPHOEPIITAXY
INTERSTITIALS
ISOMORPHISM
ISOTROPY
LIQUID PHASE EPITAXY
MECHANICAL TWINNING
METAL CRYSTALS
MICROSTRUCTURE
ORDER-DISORDER TRANSFORMATIONS
PACKING DENSITY
PATTERSON MAP
PHONONS
POLYCRYSTALS
POLYMORPHISM
RAPID QUENCHING (METALLURGY)
SPHERULITES
STRUCTURES
SUPERLATTICES
TWINNING
VAPOR PHASE EPITAXY

CRYSTAL SURFACES

GS SOLID SURFACES
CRYSTAL SURFACES
RT METAL SURFACES
SURFACE LAYERS
SURFACES

CRYSTALLINITY

RT AMORPHOUS MATERIALS
CRYSTAL STRUCTURE

CRYSTALLITES

GS CRYSTALS

CRYSTALLITES--(cont.)

CRYSTALLITES
SPHERULITES
RT CRYSTAL STRUCTURE
MICROCRYSTALS
MINERALS
ROSETTE SHAPES

CRYSTALLIZATION

UF DEVITRIFICATION
GS CRYSTALLIZATION
DIRECTIONAL SOLIDIFICATION (CRYSTALS)
MELT SPINNING
RECRYSTALLIZATION
RT AGGLOMERATION
CONCENTRATING
CONTAINERLESS MELTS
CRYSTAL GROWTH
DEMINERALIZING
FREEZING
INOCULATION
LIQUIDUS
MATERIALS RECOVERY
MELTS (CRYSTAL GROWTH)
MODULATION
NUCLEATION
PHASE STABILITY (MATERIALS)
PHASE TRANSFORMATIONS
PRECIPITATION (CHEMISTRY)
PURIFICATION
REFINING
SEPARATION
SETTLING
SOLID STATE
SOLIDIFICATION
SUBLIMATION
SUPERCooling
SUPERSATURATION
ZONE MELTING

CRYSTALLOGRAPHY

RT BRAGG ANGLE
CRYSTAL DEFECTS
CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTALS
DEBYE-SCHERRER METHOD
DIRECTIVITY
ISOTROPY
LAMELLA (METALLURGY)
LATTICE PARAMETERS
LAUE METHOD
METALLOGRAPHY
METALLURGY
MICROBEAMS
MICROSTRUCTURE
MINERALOGY
NEUTRON DIFFRACTION
ORDER-DISORDER TRANSFORMATIONS
ORIENTATION
RADIOGRAPHY
SOLID STATE PHYSICS
X RAY ANALYSIS
X RAY DIFFRACTION

CRYSTALS

GS CRYSTALS
BICRYSTALS
BOULES
BRAVAIS CRYSTALS
CREATINE
CRYSTAL OSCILLATORS
PIEZOELECTRIC CRYSTALS
CRYSTALLITES
SPHERULITES
DENDRITIC CRYSTALS
DOPED CRYSTALS
IONIC CRYSTALS
LIQUID CRYSTALS
METAL CRYSTALS
MICROCRYSTALS
MIXED CRYSTALS
POLYCRYSTALS
QUARTZ CRYSTALS
SINGLE CRYSTALS
WHISKERS (CRYSTALS)
RT ANISOTROPY
BODY CENTERED CUBIC LATTICES
CLATHRATES
CONTAINERLESS MELTS
CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY

CURING--(cont.)

- ∞ G--(cont.)
 - DRYING
 - FARM CROPS
 - GLASS TRANSITION TEMPERATURE
 - OATS
 - ORCHARDS
 - PRESERVING
 - RESIN TRANSFER MOLDING
- ∞ SETTING
 - VULCANIZING
 - WEATHERING

CURIUM

- GS
- .. CHEMICAL ELEMENTS
 - ... ACTINIDE SERIES
 - TRANSURANIUM ELEMENTS
 - **CURIUM**
 - CURIUM ISOTOPES
 - CURIUM 242
 - CURIUM 244
 - ... NUCLIDES
 - ... ISOTOPES
 - RADIOACTIVE ISOTOPES
 - TRANSURANIUM ELEMENTS
 - **CURIUM**
 - CURIUM ISOTOPES
 - CURIUM 242
 - CURIUM 244
- .. METALS
 - ... ACTINIDE SERIES
 - TRANSURANIUM ELEMENTS
 - **CURIUM**
 - CURIUM ISOTOPES
 - CURIUM 242
 - CURIUM 244

CURIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
 . CURIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3B COMPOUNDS

CURIUM ISOTOPES

- .. CURIUM
- .. ISOTOPES
- .. GS
- .. CHEMICAL ELEMENTS
- .. ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- CURIUM
- **CURIUM ISOTOPES**
- CURIUM 242
- CURIUM 244
- NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- CURIUM
- **CURIUM ISOTOPES**
- CURIUM 242
- CURIUM 244
- .. METALS
- .. ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- CURIUM
- **CURIUM ISOTOPES**
- CURIUM 242
- CURIUM 244

CURIUM 242

- GS CHEMICAL ELEMENTS
 - .. ACTINIDE SERIES
 - ... TRANSURANIUM ELEMENTS
 - ... CURIUM
 - ... CURIUM ISOTOPES
 - ... **CURIUM 242**
 - ... NUCLIDES
 - ... ISOTOPES
 - ... RADIOACTIVE ISOTOPES
 - ... TRANSURANIUM ELEMENTS
 - ... CURIUM
 - ... CURIUM ISOTOPES
 - ... **CURIUM 242**
- METALS
 - .. ACTINIDE SERIES
 - ... TRANSURANIUM ELEMENTS
 - ... CURIUM
 - ... CURIUM ISOTOPES
 - ... **CURIUM 242**

CURIUM 244

- GS CHEMICAL ELEMENTS
 - . ACTINIDE SERIES
 - . . TRANSURANIUM ELEMENTS
 - . . . CURIUM
 - CURIUM ISOTOPES
 - **CURIUM 244**
 - NUCLIDES

GS CHEMICAL ELEMENTS

ACTINIDE SERIES

TRANSURANIUM ELEMENTS

CURIUM

CURIUM ISOTOPES

..... CURIUM 244

. NUCLIDES

NUCLIDES

• NUCLEIDES

. NUCLIDES

111

AUTOCYLAVING
CITRUS TREES
CORN
CROSSLINKING
DEGRADATION

CORN
CROSSLINKING
DEGRADATION

CROSSELINKING DEGRADATION

CURIUM 244--(cont.)

- ... ISOTOPES
- ... RADIOACTIVE ISOTOPES
- ... TRANSURANUM ELEMENTS
- ... CURIUM
- ... CURIUM ISOTOPES
- ... **CURIUM 244**
- METALS
- ... ACTINIDE SERIES
- ... TRANSURANUM ELEMENTS
- ... CURIUM
- ... CURIUM ISOTOPES
- ... **CURIUM 244**

CURL (MATERIALS)

- RT DIMENSIONAL STABILITY
- FOLDING
- ∞ MATERIALS
- TEXTURES

CURL (VECTORS)

- GS ANALYSIS (MATHEMATICS)
- ... CALCULUS
- ... VECTOR ANALYSIS
- ... **CURL (VECTORS)**
- ... VORTICITY
- ... REAL VARIABLES
- ... VECTOR ANALYSIS
- ... **CURL (VECTORS)**
- ... VORTICITY
- GEOMETRY
- ... VECTOR ANALYSIS
- ... **CURL (VECTORS)**
- ... VORTICITY

CURRENT ALGEBRA

- GS ALGEBRA
- ... **CURRENT ALGEBRA**
- RT ∞ MATHEMATICS
- NUCLEAR PHYSICS
- VECTOR CURRENTS

CURRENT AMPLIFIERS

- GS AMPLIFIERS
- ... **CURRENT AMPLIFIERS**
- ... PHOTOMULTIPLIER TUBES
- ... FREQUENCY MODULATION
- PHOTOMULTIPLIERS
- RT TRANSISTOR AMPLIFIERS
- VOLTAGE AMPLIFIERS

CURRENT CONVERTERS (AC TO DC)

- RT ALTERNATING CURRENT
- ∞ CONVERTERS
- CRYSTAL RECTIFIERS
- DIRECT CURRENT
- ELECTRIC CURRENT
- INVERTED CONVERTERS (DC TO AC)
- RECTIFIERS
- SILICON CONTROLLED RECTIFIERS
- THYRATRONS

CURRENT DENSITY

- GS RATES (PER TIME)
- ... FLUX DENSITY
- ... **CURRENT DENSITY**
- RT ELECTRIC CURRENT
- ELECTROLYSIS
- ELECTROPLATING
- PINNING

CURRENT DISTRIBUTION

- GS DISTRIBUTION (PROPERTY)
- ... **CURRENT DISTRIBUTION**
- RT CHARGE DISTRIBUTION
- ELECTRON DISTRIBUTION
- ∞ HOLE DISTRIBUTION
- HOLE DISTRIBUTION (ELECTRONICS)
- ION DISTRIBUTION
- MAGNETIC ANNULAR ARC
- NEUTRAL CURRENTS

CURRENT REGULATORS

- UF CURRENT STABILIZERS
- GS REGULATORS
- ... **CURRENT REGULATORS**
- RT CIRCUIT PROTECTION
- CONTROLLERS
- ELECTRIC CURRENT
- ∞ ELECTRIC EQUIPMENT
- ELECTRIC SWITCHES
- ELECTRONIC CONTROL
- LIMITER CIRCUITS
- POWER FACTOR CONTROLLERS
- POWER SUPPLY CIRCUITS

CURRENT REGULATORS--(cont.)

- SWITCHING CIRCUITS
- TRANSMISSION LOSS
- VOLTAGE REGULATORS

CURRENT SHEETS

- RT ANTENNAS
- ELECTRIC CURRENT
- MAGNETIC FLUX
- ∞ SHEETS

CURRENT STABILIZERS

- USE CURRENT REGULATORS

∞ CURRENTS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AIR CURRENTS
- AIR FLOW
- BEAM CURRENTS
- CIRCULATION
- COASTAL CURRENTS
- ELECTRIC CURRENT
- EXTERNAL SURFACE CURRENTS
- FLUID FLOW
- OCEAN CURRENTS
- WATER CURRENTS

CURRENTS (OCEANOGRAPHY)

- USE WATER CURRENTS

CURTAINS

- RT ∞ BARRIERS
- DIVIDERS
- DOORS
- ENTRANCES
- OPENINGS
- ∞ PARTITIONS
- PARTITIONS (STRUCTURES)
- ∞ SCREENS
- SEPARATORS
- WALLS
- WINDOWS (APERTURES)

CURTISS C-46 AIRCRAFT

- USE C-46 AIRCRAFT

CURTISS-WRIGHT AIRCRAFT

- UF CURTISS-WRIGHT MILITARY AIRCRAFT
- GS **CURTISS-WRIGHT AIRCRAFT**
- ... C-46 AIRCRAFT
- ... X-19 AIRCRAFT
- RT ∞ AIRCRAFT

CURTISS-WRIGHT MILITARY AIRCRAFT

- USE CURTISS-WRIGHT AIRCRAFT
- MILITARY AIRCRAFT

CURVATURE

- GS GEOMETRY
- ... **CURVATURE**
- RT CAMBER
- ∞ CURVES
- CURVES (GEOMETRY)
- DIFFERENTIAL GEOMETRY
- FLEXING
- ∞ PROFILES
- SHAPES
- ZERO FORCE CURVES

CURVE FITTING

- RT DATA COMPRESSION
- DATA SMOOTHING
- FORECASTING
- LEAST SQUARES METHOD
- MINIMAX TECHNIQUE
- SADDLE POINTS
- STATISTICAL DISTRIBUTIONS
- STATISTICAL TESTS
- TIME SERIES ANALYSIS

CURVED BEAMS

- GS STRUCTURAL MEMBERS
- ... BEAMS (SUPPORTS)
- ... **CURVED BEAMS**
- RT CAMBER
- I BEAMS

CURVED PANELS

- GS PANELS
- ... **CURVED PANELS**
- RT CONTOURS
- SHAPES

CURVED PANELS--(cont.)

- WING PANELS

CURVED SURFACES

- USE CONTOURS
- SHAPES
- SURFACES

∞ CURVES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CURVATURE
- GRAPHS (CHARTS)
- LEARNING CURVES
- LIGHT CURVE
- TOROIDS
- TRAJECTORIES
- ZERO FORCE CURVES

CURVES (GEOMETRY)

- GS GEOMETRY
- ... **CURVES (GEOMETRY)**
- ... CATENARIES
- ... CYCLOIDS
- ... EPICYCLOIDS
- ... S CURVES
- ... GOMPERTZ CURVES
- RT ANALYTIC GEOMETRY
- ∞ ARCS
- CHORDS (GEOMETRY)
- CIRCLES (GEOMETRY)
- CURVATURE
- CUSPS (MATHEMATICS)
- DIFFERENTIAL GEOMETRY
- EUCLIDEAN GEOMETRY
- GEODESIC LINES
- ∞ HELICES
- HOMOTOPY THEORY
- INFLECTION POINTS
- LINE SHAPE
- MANIFOLDS (MATHEMATICS)
- MENISCI
- SEGMENTS
- ∞ SPIRALS

CURVILINEAR COORDINATES

- USE SPHERICAL COORDINATES

CUSHIONCRAFT GROUND EFFECT MACHINE

- GS GROUND EFFECT MACHINES
- ... **CUSHIONCRAFT GROUND EFFECT MACHINE**
- RT HOVERING
- VERTICAL TAKEOFF AIRCRAFT

CUSHIONS

- RT AIR CUSHION LANDING SYSTEMS
- BUMPERS
- COUCHES
- GROUND EFFECT (AERODYNAMICS)
- HYDRAULIC EQUIPMENT
- ∞ PAD
- PILLOWS
- PNEUMATIC EQUIPMENT
- SEATS
- SHOCK ABSORBERS
- VIBRATION ISOLATORS

∞ CUSPS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CUSPS (LANDFORMS)
- CUSPS (MATHEMATICS)
- DOUBLE CUSPS
- POLAR CUSPS

CUSPS (LANDFORMS)

- GS LANDFORMS
- ... **CUSPS (LANDFORMS)**
- RT BEACHES
- COASTS
- ∞ CUSPS
- TOPOGRAPHY

CUSPS (MATHEMATICS)

- GS GEOMETRY
- ... **CUSPS (MATHEMATICS)**
- ... DOUBLE CUSPS
- RT CURVES (GEOMETRY)
- ∞ CUSPS
- EPICYCLOIDS
- MAXIMA

CUSPS (MATHEMATICS)--(cont.)
MINIMA**CUSTOM INTEGRATED CIRCUITS**USE APPLICATION SPECIFIC INTEGRATED
CIRCUITS**∞ CUT-OFF**SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)RT BURNOUT
ENGINE FAILURE
MACHINING**CUT-OUTS**

USE OPENINGS

CUTANEOUS PERCEPTION

USE TOUCH

CUTTERS

SN (EXCLUDES SHIPS)

GS **CUTTERS**
. BLADES (CUTTERS)
. RAZOR BLADES
. DRILL BITS
. DRILLS
. SAWS
. SHEARS
RT CUTTING
DIES
LASER CUTTING
MACHINE TOOLS
SCRAPERS
TAPS
TOOLS**CUTTING**GS **CUTTING**
. BLANKING (CUTTING)
. LASER CUTTING
. METAL CUTTING
. MILLING (MACHINING)
. PLANING
. SCARFING
. SHEARING
. SLICING
. SPARK MACHINING
RT ABRASION
CHIPPING
COMMINUTION
CUTTERS
DRILLING
FLAKING
FORMING TECHNIQUES
FRACTURING
GRINDING (MATERIAL REMOVAL)
GROOVING
MACHINING
MICROMACHINING
PEELING
PERFORATING
PIERCING
∞ SEPARATION
SHREDDING
SPLITTING
TORCHES**CV-2 AIRCRAFT**

USE DHC 4 AIRCRAFT

CV-7 AIRCRAFT

USE DHC 5 AIRCRAFT

CV-340 AIRCRAFTUF CONVAIR 340 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. **CV-340 AIRCRAFT**
GENERAL DYNAMICS AIRCRAFT
. **CV-340 AIRCRAFT**
MONOPLANES
. **CV-340 AIRCRAFT**
PASSENGER AIRCRAFT
. **CV-340 AIRCRAFT**
RT ∞ AIRCRAFT**CV-440 AIRCRAFT**UF CONVAIR 440 AIRCRAFT
METROPOLITAN AIRCRAFT
GS COMMERCIAL AIRCRAFT
. **CV-440 AIRCRAFT**
GENERAL DYNAMICS AIRCRAFT
. **CV-440 AIRCRAFT****CV-440 AIRCRAFT--(cont.)**MONOPLANES
. **CV-440 AIRCRAFT**
PASSENGER AIRCRAFT
. **CV-440 AIRCRAFT**
RT ∞ AIRCRAFT**CV-880 AIRCRAFT**UF CONVAIR 880 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. **CV-880 AIRCRAFT**
GENERAL DYNAMICS AIRCRAFT
. **CV-880 AIRCRAFT**
JET AIRCRAFT
. **CV-880 AIRCRAFT**
MONOPLANES
. **CV-880 AIRCRAFT**
PASSENGER AIRCRAFT
. **CV-880 AIRCRAFT**
TRANSPORT AIRCRAFT
. **CV-880 AIRCRAFT**
RT ∞ AIRCRAFT**CV-990 AIRCRAFT**UF CONVAIR 990 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. **CV-990 AIRCRAFT**
GENERAL DYNAMICS AIRCRAFT
. **CV-990 AIRCRAFT**
JET AIRCRAFT
. TURBOFAN AIRCRAFT
. **CV-990 AIRCRAFT**
MONOPLANES
. **CV-990 AIRCRAFT**
PASSENGER AIRCRAFT
. **CV-990 AIRCRAFT**
RT ∞ AIRCRAFT**CVD (DEPOSITION)**

USE VAPOR DEPOSITION

CVI (FABRICATION)

USE CHEMICAL VAPOR INFILTRATION

CW RADAR

USE CONTINUOUS WAVE RADAR

CYANAMIDESGS NITROGEN COMPOUNDS
. AMIDES
. **CYANAMIDES**
. CYANO COMPOUNDS
. **CYANAMIDES****CYANATES**RT ESTERS
URETHANES**CYANIDE EMISSION**

USE CN EMISSION

CYANIDESGS **CYANIDES**
. ACETONITRILE
. CYANOGEN
. IRON CYANIDES
. MALONONITRILE
RT CYANO COMPOUNDS
CYANOACETYLENE
NITROGEN COMPOUNDS**CYANO COMPOUNDS**GS NITROGEN COMPOUNDS
. **CYANO COMPOUNDS**
. CYANAMIDES
. CYANOACETYLENE
. ISOCYANATES
. DIISOCYANATES
. FULMINATES
RT ∞ CHEMICAL COMPOUNDS
CYANIDES
NITRILES**CYANOACETYLENE**GS NITROGEN COMPOUNDS
CYANO COMPOUNDS
. **CYANOACETYLENE**
ORGANIC COMPOUNDS
HYDROCARBONS
. **CYANOACETYLENE**
RT ACETYLENE
CYANIDES**CYANOCOBALAMIN**UF VITAMIN B 12
GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **CYANOCOBALAMIN**
VITAMINS
. **CYANOCOBALAMIN****CYANOGEN**GS CYANIDES
. **CYANOGEN****CYANOPHYTA**

USE BLUE GREEN ALGAE

CYANOSISGS DISEASES
. **CYANOSIS**
RT BLOOD CIRCULATION
HEART FUNCTION**CYANURATES**GS ESTERS
. **CYANURATES**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. AZINES
. **CYANURATES**
PYRAZINES
. AZINES
. **CYANURATES****CYANURIC ACID**GS ACIDS
. **CYANURIC ACID**
HYDROXYL COMPOUNDS
. ALCOHOLS
. TRIOLS
. **CYANURIC ACID**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. AZINES
. **CYANURIC ACID**
PYRAZINES
. AZINES
. **CYANURIC ACID****CYBER 74 COMPUTER**

USE CDC CYBER 74 COMPUTER

CYBERNETICSRT ADAPTIVE CONTROL
AUTOMATA THEORY
∞ AUTOMATION
BIONICS
COMMUNICATION THEORY
COMPUTERS
∞ CONTROL
CONTROL SYSTEMS DESIGN
CONTROLLERS
DEPERSONALIZATION
FEEDBACK
HUMAN FACTORS ENGINEERING
INFORMATION THEORY
MACHINE LEARNING
MAN MACHINE SYSTEMS
MANAGEMENT
MODEL REFERENCE ADAPTIVE
CONTROL
NEURAL NETS
PSYCHOLOGY
∞ SYSTEMS
SYSTEMS ENGINEERING**CYCLES**UF CYCLING
PERIODIC PROCESSES
GS **CYCLES**
. ACTIVITY CYCLES (BIOLOGY)
. CARBON CYCLE
. HYDROLOGICAL CYCLE
. SOLAR CYCLES
. SUNSPOT CYCLE
. STRESS CYCLES
. THERMODYNAMIC CYCLES
. BRAYTON CYCLE
. CARNOT CYCLE
. OTTO CYCLE
. RANKINE CYCLE
. STIRLING CYCLE
. WORK-REST CYCLE
RT ALTERNATIONS

CYCLES--(cont.)

AMPLITUDES
ANNUAL VARIATIONS
CYCLIC LOADS
DIURNAL VARIATIONS
FATIGUE (MATERIALS)
FREQUENCY DISTRIBUTION
HARMONICS
INTERMITTENCY
LONG TERM EFFECTS
PERIODIC VARIATIONS
PHASES
RECIPROICATION
RHYTHM (BIOLOGY)
STARTING
SUPERHARMONICS

CYCLIC ACCELERATORS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
BETATRONS
SYNCHROCYCLOTRONS
SYNCHROTRONS
BEVATRON
STORAGE RINGS (PARTICLE ACCELERATORS)
RT ACCELERATORS

CYCLIC ADENOSINE MONOPHOSPHATE

USE CYCLIC AMP

CYCLIC AMP

UF CYCLIC ADENOSINE MONOPHOSPHATE
GS ORGANIC COMPOUNDS
COENZYMES
CYCLIC AMP
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
ADENOSINES
CYCLIC AMP
NUCLEOTIDES
ADENOSINES
CYCLIC AMP
PHOSPHORUS COMPOUNDS
PHOSPHATES
CYCLIC AMP
RT ADRENERGICS
ALKYNES
AMINO ACIDS
CHOLINERGICS
GUANINES
PHARMACOLOGY

CYCLIC COMPOUNDS

GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC HYDROCARBONS
ANTHRACENE
BENZENE
CHLOROBENZENES
COLCHICINE
CYCLOBUTANE
CYCLOHEXANE
CYCLOPROPANE
DURENE
INDENE
MENTHOL
NAPHTHALENE
NAPHTHENES
HETEROCYCLIC COMPOUNDS
ACRIFLAVINE
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
ALKALOIDS
ATROPINE
BETAINES
CAFFEINE
COLCHICINE
ERGOTAMINE
HYOSCINE
LYSERGINE
MORPHINE
NICOTINAMIDE
NICOTINE
PILOCARPINE
RESERPINE
STRYCHNINE
TROPYL COMPOUNDS
ANISOLE
ASCORBIC ACID
AZINES
CYANURATES
CYANURIC ACID

CYCLIC COMPOUNDS--(cont.)

MECLIZINE
METHYLENE BLUE
PHENOTHIAZINES
AZOLES
ACETAZOLAMIDE
OXAZOLE
PYRROLES
CARBAZOLES
INDOLES
TRYPTOPHAN
AZULENE
BIOFLAVONOIDS
BIOTIN
CARNITINE
CYANOCOBALAMIN
CYTIDYLIC ACID
DIMENHYDRINATE
ENDRIN
ETHYLENE OXIDE
FOLIC ACID
FURANS
TETRAHYDROFURAN
GUANETHIDINE
HMX
NICOTINIC ACID
PHTHALOCYANIN
PHYLLQUINONE
PIPERIDINE
PROMETHAZINE
PURINES
ADENINES
XANTHINES
CAFFEINE
GUANINES
URIC ACID
PYRIDINES
PYRIDOXINE
PYRIMIDINES
ALLOXAN
THYMIDINE
THYMINE
URACIL
RDX
RETINENE
RIBOFLAVIN
TETRACYCLINES
TETRAZOLES
THIAMINE
THIAZINE (TRADEMARK)
TOCOPHEROL
TRIMETHADIONE
RHODAMINE
RT CHEMICAL COMPOUNDS
ORGANIC CHEMISTRY

CYCLIC HYDROCARBONS

GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC HYDROCARBONS
ANTHRACENE
BENZENE
CHLOROBENZENES
COLCHICINE
CYCLOBUTANE
CYCLOHEXANE
CYCLOPROPANE
DURENE
INDENE
MENTHOL
NAPHTHALENE
NAPHTHENES
HYDROCARBONS
CYCLIC HYDROCARBONS
ANTHRACENE
BENZENE
CHLOROBENZENES
COLCHICINE
CYCLOBUTANE
CYCLOHEXANE
CYCLOPROPANE
DURENE
INDENE
MENTHOL
NAPHTHALENE
NAPHTHENES
RT ALKYNES

CYCLIC LOADS

SN (LIMITED TO FORCE LOADS)
GS LOADS (FORCES)
DYNAMIC LOADS
CYCLIC LOADS
RT CYCLES
ELBER EQUATION

CYCLIC LOADS--(cont.)

INELASTIC STRESS
S-N DIAGRAMS
STRESS CYCLES
STRUCTURAL DESIGN CRITERIA
TRANSIENT LOADS
VARIABLE AMPLITUDE LOADING
VIBRATION
VIBRATORY LOADS

CYCLING

USE CYCLES

CYCLOBUTANE

GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC HYDROCARBONS
CYCLOBUTANE
HYDROCARBONS
CYCLIC HYDROCARBONS
CYCLOBUTANE

CYCLOGENESIS

RT ARC CLOUDS
ATMOSPHERIC CIRCULATION
ATMOSPHERIC PRESSURE
CYCLONES
HURRICANES
LOW PRESSURE
STORMS (METEOROLOGY)

CYCLOHEXANE

GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC HYDROCARBONS
CYCLOHEXANE
HYDROCARBONS
CYCLIC HYDROCARBONS
CYCLOHEXANE
RT BENZENE
HEXENES
HYDROGENATION

CYCLOIDS

GS GEOMETRY
CURVES (GEOMETRY)
CYCLOIDS
EUCLIDEAN GEOMETRY
ANALYTIC GEOMETRY
CYCLOIDS

CYCLONES

SN (METEOROLOGICAL--EXCLUDES EQUIPMENT)
GS STORMS
STORMS (METEOROLOGY)
CYCLONES
HURRICANES
ANNA HURRICANE
TYPHOONS
RT ANTICYCLONES
ATMOSPHERIC PRESSURE
BAROCLINIC WAVES
CYCLOGENESIS
GROUND WIND
LOW PRESSURE
METEOROLOGY
PRECIPITATION (METEOROLOGY)
STORM DAMAGE
SYNOPTIC METEOROLOGY
TORNADOES
TROPICAL STORMS
WIND (METEOROLOGY)

CYCLONES (EQUIPMENT)

USE CENTRIFUGES

CYCLOPROPANE

GS DRUGS
ANESTHETICS
CYCLOPROPANE
ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
CYCLIC HYDROCARBONS
CYCLOPROPANE
HYDROCARBONS
CYCLIC HYDROCARBONS
CYCLOPROPANE
RT PROPANE

CYCLOPS PLASMA ACCELERATOR

GS PLASMA ACCELERATORS
CYCLOPS PLASMA ACCELERATOR
RT ACCELERATORS

CYCLOPS PLASMA ACCELERATOR--(cont.)
PLASMAS (PHYSICS)**CYCLOTETRAMETHYLENE TETRANITRAMINE**
USE HMX**CYCLOTRIMETHYLENE TRINITRAMINE**
USE RDX**CYCLOTRON FREQUENCY**
GS FREQUENCIES
CYCLOTRON FREQUENCY
RT CHARGED PARTICLES
LARMOR PRECESSION**CYCLOTRON RADIATION**
GS ELECTROMAGNETIC RADIATION
NONTHERMAL RADIATION
CYCLOTRON RADIATION
ION CYCLOTRON RADIATION
RT CHARGED PARTICLES
LARMOR PRECESSION
LARMOR RADIUS
RADIATION**CYCLOTRON RESONANCE**
GS RESONANCE
CYCLOTRON RESONANCE
RT CHARGED PARTICLES
DIAMAGNETISM
ENERGY TRANSFER
FERMI SURFACES
ION CYCLOTRON RADIATION
PLASMA RESONANCE**CYCLOTRON RESONANCE DEVICES**
UF GYROTRONS
GS AMPLIFIERS
MICROWAVE AMPLIFIERS
CYCLOTRON RESONANCE DEVICES
ELECTRON TUBES
VACUUM TUBES
MICROWAVE TUBES
CYCLOTRON RESONANCE DEVICES
MICROWAVE EQUIPMENT
MICROWAVE AMPLIFIERS
CYCLOTRON RESONANCE DEVICES
MICROWAVE TUBES
CYCLOTRON RESONANCE DEVICES
RT CAVITY RESONATORS
DEVICES
DIFFRACTION RADIATION
KLYSTRONS
MILLIMETER WAVES
POWER AMPLIFIERS
TRAVELING WAVE TUBES**CYCLOTRONS**
UF CALUTRONS
GS PARTICLE ACCELERATORS
CYCLOTRONS
GEOCYCLOTRONS
MICROTRONS
OAK RIDGE ISOCRONOUS
CYCLOTRON
OMEGATRONS
SYNCHROCYCLOTRONS
RT SYNCHROTRONS**CYGNUS CONSTELLATION**
GS CONSTELLATIONS
CYGNUS CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS**CYLINDERS**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANALYTIC GEOMETRY
CIRCULAR CYLINDERS
CONCENTRIC CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL CHAMBERS
CYLINDRICAL SHELLS
DRUMS
DRUMS (CONTAINERS)
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
HEMISPHERE CYLINDER BODIES
MONOCOQUE STRUCTURES
ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS**CYLINDERS--(cont.)**
PLASMA CYLINDERS
ROTATING CYLINDERS
VISCOELASTIC CYLINDERS**CYLINDRICAL AFTERBODIES**
USE AFTERBODIES
CYLINDRICAL BODIES**CYLINDRICAL ANTENNAS**
GS ANTENNAS
CYLINDRICAL ANTENNAS
RT ANTENNA RADIATION PATTERNS
RADIO EQUIPMENT**CYLINDRICAL BODIES**
UF CYLINDRICAL AFTERBODIES
CYLINDROIDS
GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
CYLINDRICAL BODIES
ROTATING CYLINDERS
RT AFTERBODIES
AIRY FUNCTION
CENTERBODIES
CIRCULAR CYLINDERS
CYLINDERS
CYLINDRICAL COORDINATES
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
FOREBODIES
FUSELAGES
HEMISPHERE CYLINDER BODIES
ORTHOTROPIC CYLINDERS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
PLASTIC BODIES
ROLLERS
VISCOELASTIC CYLINDERS**CYLINDRICAL CHAMBERS**
RT BRAKES (FOR ARRESTING MOTION)
CHAMBERS
CYLINDERS**CYLINDRICAL COORDINATES**
GS COORDINATES
CYLINDRICAL COORDINATES
RT ASTRONOMICAL COORDINATES
CARTESIAN COORDINATES
CYLINDRICAL BODIES**CYLINDRICAL PLASMAS**
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
CYLINDRICAL PLASMAS
PLASMA CYLINDERS
CYLINDRICAL PLASMAS
RT PINCH EFFECT**CYLINDRICAL SHELLS**
GS SHELLS (STRUCTURAL FORMS)
CYLINDRICAL SHELLS
RT CIRCULAR CYLINDERS
CIRCULAR SHELLS
CIRCULAR TUBES
CONCENTRIC CYLINDERS
CYLINDERS
ELASTIC CYLINDERS
ELLIPTICAL CYLINDERS
METAL SHELLS
ORTHOTROPIC CYLINDERS
ORTHOTROPIC SHELLS
OSCILLATING CYLINDERS
PLASMA CYLINDERS
PLASTIC SHELLS
REINFORCED SHELLS
ROTATING CYLINDERS
THIN WALLED SHELLS
VISCOELASTIC CYLINDERS**CYLINDRICAL TANKS**
GS TANKS (CONTAINERS)
CYLINDRICAL TANKS
RT FUEL TANKS
PROPELLANT TANKS
STORAGE TANKS**CYLINDRICAL WAVES**
RT AXISYMMETRIC FLOW
ELASTIC WAVES
ELECTROMAGNETIC RADIATION**CYLINDRICAL WAVES--(cont.)**
PLANE WAVES
SPHERICAL WAVES
WAVES**CYLINDROIDS**
USE CYLINDRICAL BODIES**CYPRUS**
GS LANDFORMS
ISLANDS
CYPRUS
NATIONS
CYPRUS
RT GREECE
MEDITERRANEAN SEA**CYRILLID METEOROIDS**
GS CELESTIAL BODIES
METEOROID SHOWERS
CYRILLID METEOROIDS
METEOROIDS
BOLIDES
CYRILLID METEOROIDS
RT NATURAL SATELLITES
TEKTITES**CYSTEAMINE**
GS AMINES
CYSTEAMINE
DRUGS
ANTIRADIATION DRUGS
CYSTEAMINE
RT AMINO ACIDS
PROTEINS
RADIATION PROTECTION**CYSTEINE**
GS ACIDS
AMINO ACIDS
CYSTEINE
DRUGS
CYSTEINE
ORGANIC COMPOUNDS
AMINO ACIDS
CYSTEINE
SULFUR COMPOUNDS
THIOLS
CYSTEINE
RT PROTEINS**CYSTIC FIBROSIS**
GS DISEASES
FIBROSIS
CYSTIC FIBROSIS
RT TISSUES (BIOLOGY)**CYSTS**
GS CYSTS
MUCOCELES
NEOPLASMS
RT TISSUES (BIOLOGY)
TUMORS**CYTIDYLIC ACID**
GS ACIDS
CYTIDYLIC ACID
ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
CYTIDYLIC ACID**CYTOCHROMES**
GS BIOPOLYMERS
PROTEINS
ENZYMES
CYTOCHROMES
ORGANIC COMPOUNDS
PROTEINS
ENZYMES
CYTOCHROMES
PIGMENTS
CYTOCHROMES
RT CYTOGENESIS
SKIN (ANATOMY)**CYTOGENESIS**
GS CYTOGENESIS
CELL DIVISION
DIFFERENTIATION (BIOLOGY)
HEMATOPOIESIS
MITOSIS
RT BIOLOGY
CELLS (BIOLOGY)

CYTOGENESIS--(cont.)

CYTOCHROMES
CYTOLOGY
CYTOPLASM
∞ DIFFERENTIATION
GENETICS
HEREDITY
PHYSIOLOGY

CYTOLOGY

RT BIOCHEMISTRY
∞ BIOLOGY
CELL MEMBRANES (BIOLOGY)
CELLS (BIOLOGY)
CHROMOSOMES
CYTOGENESIS
CYTOMETRY
EUKARYOTES
LYSOSOMES
MITOCHONDRIA
MITOSIS
NUCLEI (CYTOLOGY)
ORGANELLES
PLASMOLYSIS
PROKARYOTES
SARCOPLASMIC RETICULUM

CYTOMETRY

UF CYTOPHOTOMETRY
RT CELLS (BIOLOGY)
CYTOLOGY
MICROSCOPY

CYTOPHOTOMETRY

USE CYTOMETRY

CYTOPLASM

RT CALMODULIN
CELLS (BIOLOGY)
CHLOROPLASTS
CYTOGENESIS
ENDOPLASMIC RETICULUM
EOSINOPHILS
FIBROBLASTS
MITOSIS
NUCLEI (CYTOLOGY)
ORGANELLES
SARCOPLASMIC RETICULUM

CZECHOSLOVAKIA

GS NATIONS
∞ CZECHOSLOVAKIA
RT CENTRAL EUROPE
CZECHOSLOVAKIAN SPACE PROGRAM
CZECHOSLOVAKIAN SPACECRAFT
EUROPE

CZECHOSLOVAKIAN SPACE PROGRAM

GS PROGRAMS
∞ SPACE PROGRAMS
∞ EUROPEAN SPACE PROGRAMS
∞ CZECHOSLOVAKIAN SPACE
PROGRAM
RT CZECHOSLOVAKIA

CZECHOSLOVAKIAN SPACECRAFT

RT CZECHOSLOVAKIA
∞ SPACECRAFT

CZOCHRALSKI METHOD

GS GROWTH
∞ CRYSTAL GROWTH
∞ CZOCHRALSKI METHOD
RT ∞ METHODOLOGY
VERNEUIL PROCESS

D**D LAYER**

USE D REGION

D LINES

GS SPECTRA
∞ RADIATION SPECTRA
∞ ELECTROMAGNETIC SPECTRA
∞ LINE SPECTRA
∞ D LINES
RT ABSORPTION SPECTRA
EMISSION SPECTRA
H LINES
SOLAR SPECTRA

D REGION

SN (ALTITUDE RANGE BETWEEN
APPROXIMATELY 50 AND 90 KM)
UF D LAYER
GS EARTH ATMOSPHERE
∞ UPPER ATMOSPHERE
∞ EARTH IONOSPHERE
∞ LOWER IONOSPHERE
∞ D REGION
REGIONS
D REGION
RT EARTH-IONOSPHERE WAVEGUIDE

D-1 SATELLITE

GS ARTIFICIAL SATELLITES
∞ FRENCH SATELLITES
∞ D-1 SATELLITE

D-2 SATELLITES

UF D-2B SATELLITE
POLAIRE SATELLITE
TOURNESOLE SATELLITE
GS ARTIFICIAL SATELLITES
∞ FRENCH SATELLITES
∞ D-2 SATELLITES
∞ METEOROLOGICAL SATELLITES
∞ D-2 SATELLITES

D-2B SATELLITE

USE D-2 SATELLITES

D-558 AIRCRAFT

UF DOUGLAS D-558 AIRCRAFT
SKYROCKET AIRCRAFT
SKYSTREAK AIRCRAFT
GS JET AIRCRAFT
∞ D-558 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
∞ D-558 AIRCRAFT
MONOPLANES
∞ D-558 AIRCRAFT
RESEARCH AIRCRAFT
∞ D-558 AIRCRAFT
SUPERSONIC AIRCRAFT
∞ D-558 AIRCRAFT
RT ∞ AIRCRAFT

DACRON (TRADEMARK)

GS FABRICS
∞ DACRON (TRADEMARK)
FIBERS
∞ SYNTHETIC FIBERS
∞ DACRON (TRADEMARK)
RT POLYESTER RESINS
REINFORCING FIBERS

DAD EXPLORER

USE DUAL AIR DENSITY EXPLORER

DAEMO (DATA ANALYSIS)

USE DATA PROCESSING
DATA REDUCTION
DATA TRANSMISSION

DAHOMAY

USE BENIN

DAKOTA AIRCRAFT

USE C-47 AIRCRAFT

DALTON LAW

RT GAS COMPOSITION
GAS DYNAMICS
GAS-GAS INTERACTIONS
IDEAL GAS
PARTIAL PRESSURE
VAPOR PRESSURE

DAMA

USE DEMAND ASSIGNMENT MULTIPLE
ACCESS

DAMAGE

GS DAMAGE
∞ CUMULATIVE DAMAGE
EARTHQUAKE DAMAGE
FIRE DAMAGE
FLOOD DAMAGE
FROST DAMAGE
IMPACT DAMAGE
∞ METEORITIC DAMAGE
∞ RAIN IMPACT DAMAGE
PROTON DAMAGE

DAMAGE--(cont.)

∞ RADIATION DAMAGE
∞ LASER DAMAGE
∞ STORM DAMAGE
RT BURNTHROUGH (FAILURE)
CORROSION
DAMAGE ASSESSMENT
DECAY
DECOMPOSITION
DEFECTS
DEFORMATION
DEGRADATION
DESTRUCTION
DETERIORATION
DISCOLORATION
DISINTEGRATION
DURABILITY
FATIGUE (BIOLOGY)
FATIGUE (MATERIALS)
FRACTURES (MATERIALS)
HOT CORROSION
IMMOBILIZATION
IMPAIRMENT
INJURIES
LETHALITY
LOSSES
RADIATION EFFECTS
SABOTAGE
WARPAGE
WEAR
WEATHERING

DAMAGE ASSESSMENT

GS ASSESSMENTS
∞ DAMAGE ASSESSMENT
RT CASTS
COSTS
DAMAGE
ESTIMATES
MAINTENANCE
RECOVERABILITY
REPLACING
SPARE PARTS
VALUE

DAMAGE THRESHOLD

USE YIELD POINT

DAMKOHLER NUMBER

RT ACTIVATION ENERGY
COMBUSTION PHYSICS
DIFFUSION FLAMES
FLAME PROPAGATION
∞ NUMBERS
REACTION KINETICS

DAMP PROGRAM

USE DOWNRANGE ANTIMISSILE
MEASUREMENT PROGRAM

∞ DAMPERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BLANKETS (FISSION REACTORS)
DAMPERS (VALVES)
NUTATION DAMPERS
OSCILLATION DAMPERS
VIBRATION ISOLATORS

DAMPERS (VALVES)

GS VALVES
∞ BUTTERFLY VALVES
∞ DAMPERS (VALVES)
RT AUTOMATIC CONTROL VALVES
∞ DAMPERS
GAS VALVES
VIBRATION ISOLATORS

DAMPING

UF DAMPING FACTOR
DAMPING IN PITCH
DAMPING IN ROLL
DAMPING IN YAW
ELASTIC STABILITY
JET DAMPING
GS DAMPING
∞ ELASTIC DAMPING
∞ VISCOELASTIC DAMPING
∞ LANDAU DAMPING
∞ VIBRATION DAMPING
∞ VISCOUS DAMPING
∞ VISCOELASTIC DAMPING
RT ∞ ABSORPTION
ATTENUATION

DAMPING--(cont.)

BAFFLES
 DECELERATION
 DISSIPATION
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 DYNAMIC STABILITY
 ENERGY ABSORPTION
 GYROSCOPE FLUIDS
 GYROSCOPIC PENDULUMS
 GYROSCOPIC STABILITY
 HYSTERESIS
 IMPEDANCE
 INSULATION
 INTERNAL FRICTION
 MECHANICAL IMPEDANCE
 MUFFLERS
 NEGATIVE FEEDBACK
 OSCILLATIONS
 ∞ REDUCTION
 ∞ RESISTANCE
 RESONANT FREQUENCIES
 RESONANT VIBRATION
 RETARDING
 ROLL
 SEA KEEPING
 SHOCK ABSORBERS
 SILENCERS
 STABILITY DERIVATIVES
 STOPPING
 SUBHARMONIC GENERATORS
 SUPPRESSORS
 TIME CONSTANT
 TRANSFER FUNCTIONS
 TRANSIENT OSCILLATIONS
 TRANSIENT RESPONSE
 VIBRATION ISOLATORS
 WAVE INTERACTION

DAMPING FACTOR

USE DAMPING

DAMPING IN PITCH

USE DAMPING
 PITCH (INCLINATION)

DAMPING IN ROLL

USE DAMPING

DAMPING IN YAW

USE DAMPING
 YAW

DAMPING TESTS

GS VIBRATION TESTS
 . DAMPING TESTS
 . . STROKING TESTS
 RT RESONANCE TESTING
 STABILITY TESTS
 ∞ TESTS
 VIBRATION MEASUREMENT

DAMPNESS

USE MOISTURE CONTENT

DAMS

RT ∞ BARRAGES
 ∞ BARRIERS
 FLOOD CONTROL
 HYDROELECTRICITY
 RESERVOIRS
 WHARVES

DANGER

USE HAZARDS

DANISH SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . DANISH SPACE PROGRAM
 RT DENMARK

DARK ADAPTATION

GS ADAPTATION
 . RETINAL ADAPTATION
 . . DARK ADAPTATION
 RT DARKNESS
 NIGHT VISION
 PUPILLOMETRY
 VISION
 VISUAL PIGMENTS

DARK MATTER

GS EXTRATERRESTRIAL MATTER
 . INTERSTELLAR MATTER
 . . DARK MATTER
 MATTER (PHYSICS)
 . DARK MATTER
 RT BARYONS
 COOLING FLOWS (ASTROPHYSICS)
 COSMOLOGY
 GALACTIC EVOLUTION
 GALACTIC HALOS
 INTERGALACTIC MEDIA
 MISSING MASS (ASTROPHYSICS)
 NEUTRINOS
 UNIVERSE

DARKENING

GS DARKENING
 . LIMB DARKENING
 RT DARKNESS
 ∞ ILLUMINATION
 NIGHT
 VISIBILITY

DARKNESS

RT COLOR
 DARK ADAPTATION
 DARKENING
 DIURNAL VARIATIONS
 ILLUMINATION
 ∞ ILLUMINATION
 LIGHT (VISIBLE RADIATION)
 NIGHT
 NIGHT FLIGHTS (AIRCRAFT)
 OPTICAL PROPERTIES
 SHADOWS

DARKROOMS

GS ROOMS
 . DARKROOMS
 RT PHOTOGRAPHIC PROCESSING
 PHOTOGRAPHIC PROCESSING
 EQUIPMENT
 PHOTOGRAPHY

DART TURBOPROP ENGINES

USE TURBOPROP ENGINES

DASH HELICOPTER

USE QH-50 HELICOPTER

DASSAULT AIRCRAFT

GS DASSAULT AIRCRAFT
 . MIRAGE AIRCRAFT
 . . MIRAGE 3 AIRCRAFT
 . MYSTERE 20 AIRCRAFT
 RT ∞ AIRCRAFT
 MYSTERE 50 AIRCRAFT

DASSAULT MIRAGE 3 AIRCRAFT

USE MIRAGE 3 AIRCRAFT

DASSAULT MYSTERE 20 AIRCRAFT

USE MYSTERE 20 AIRCRAFT

DASSAULT MYSTERE 50 AIRCRAFT

USE MYSTERE 50 AIRCRAFT

DAST PROGRAM

SN (DRONES FOR AERODYNAMIC AND
 STRUCTURAL TESTING)
 UF DRONES FOR AERODYNAMIC AND
 STRUCT TEST
 GS PROGRAMS
 . NASA PROGRAMS
 . . DAST PROGRAM
 RT AEROELASTICITY
 AIRCRAFT CONTROL
 AIRCRAFT DESIGN
 DRONE AIRCRAFT
 FLIGHT TESTS
 FLUTTER
 REMOTELY PILOTED VEHICLES
 VIBRATION DAMPING

∞ DATA

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ANALOG DATA
 AUDIO DATA
 BINARY DATA
 BIOMEDICAL DATA
 CENSORED DATA (MATHEMATICS)

DATA--(cont.)

CHANNELS (DATA TRANSMISSION)
 CONTROL DATA (COMPUTERS)
 DATA ACQUISITION
 DATA BASE MANAGEMENT SYSTEMS
 DATA BASES
 DATA COLLECTION PLATFORMS
 DATA COMPRESSION
 DATA CONVERSION ROUTINES
 DATA CONVERTERS
 DATA CORRELATION
 DATA LINKS
 DATA MANAGEMENT
 DATA PROCESSING
 DATA PROCESSING EQUIPMENT
 DATA PROCESSING TERMINALS
 DATA RECORDERS
 DATA RECORDING
 DATA REDUCTION
 DATA RETRIEVAL
 DATA SAMPLING
 DATA SMOOTHING
 DATA STORAGE
 DATA SYSTEMS
 DATA TRANSMISSION
 DATUM (ELEVATION)
 DIGITAL DATA
 END-TO-END DATA SYSTEMS
 INFORMATION
 INTERSERVICE DATA EXCHANGE
 PROGRAM
 ∞ MEASUREMENT
 OCEAN DATA ACQUISITIONS SYSTEMS
 ONBOARD DATA PROCESSING
 OPTICAL DATA PROCESSING
 OPTICAL DATA STORAGE MATERIALS
 OPTICAL MEMORY (DATA STORAGE)
 PRINTERS (DATA PROCESSING)
 RADAR DATA
 RECORDS
 SITE DATA PROCESSORS
 SPACE FLIGHT TRACKING AND DATA
 NETWORK
 STATISTICAL ANALYSIS
 STATISTICAL TESTS
 ∞ STATISTICS
 TABLES (DATA)
 VIDEO DATA
 VOICE DATA PROCESSING
 WEATHER DATA RECORDERS
 WORLD DATA CENTERS

DATA ACQUISITION

GS ACQUISITION
 . DATA ACQUISITION
 RT ADVANCED RANGE INSTRUMENTATION
 AIRCRAFT
 ALOUETTE PROJECT
 ANALOG TO DIGITAL CONVERTERS
 AUTOMATIC WEATHER STATIONS
 COUNTING
 ∞ DATA
 DEEP SPACE INSTRUMENTATION
 FACILITY
 DETECTION
 EARTH OBSERVATIONS (FROM SPACE)
 END-TO-END DATA SYSTEMS
 FORMS (PAPER)
 GLOBAL TRACKING NETWORK
 GROUND STATIONS
 INFRARED RADIOMETERS
 METEOROLOGICAL RESEARCH
 AIRCRAFT
 NEEDS (DATA SYSTEM)
 NEWS MEDIA
 OBSERVATION
 OCEAN DATA ACQUISITIONS SYSTEMS
 OPTICAL DATA PROCESSING
 OPTICAL SCANNERS
 REMOTE SENSORS
 ∞ SENSORS
 SPACE FLIGHT TRACKING AND DATA
 NETWORK
 STDN (NETWORK)
 SURVEYS
 TABLES (DATA)
 TRACKING NETWORKS

DATA ADAPTIVE EVALUATOR/MONITOR

USE DATA PROCESSING
 DATA REDUCTION
 DATA TRANSMISSION

DATA ANALYSIS

USE DATA PROCESSING
DATA REDUCTION

DATA BASE MANAGEMENT SYSTEMS

RT ∞ DATA
DATA BASES
DATA MANAGEMENT
INFORMATION MANAGEMENT
MANAGEMENT INFORMATION SYSTEMS
SOFTWARE TOOLS
∞ SYSTEMS

DATA BASES

RT ∞ BASES
CD-ROM
∞ DATA
DATA BASE MANAGEMENT SYSTEMS
DATA STRUCTURES
KNOWLEDGE BASES (ARTIFICIAL
INTELLIGENCE)
SOFTWARE ENGINEERING

DATA BUSSES

USE CHANNELS (DATA TRANSMISSION)

DATA COLLECTION PLATFORMS

RT ARGOS SYSTEM
AUTOMATIC WEATHER STATIONS
∞ DATA
GROUND STATIONS
INSTRUMENT PACKAGES
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
REMOTE SENSORS

DATA COMPACTION

USE DATA COMPRESSION

DATA COMPRESSION

UF DATA COMPACTION
RT CURVE FITTING
∞ DATA
DECODING
FOURIER ANALYSIS
TELECOMMUNICATION
TELEMETRY
VECTOR QUANTIZATION

DATA CONVERSION ROUTINES

GS DATA CONVERSION ROUTINES
SUBROUTINES
RT ALGORITHMS
COMPILERS
COMPUTER PROGRAMS
∞ CONVERSION
∞ DATA
∞ ROUTINES

DATA CONVERTERS

GS DATA CONVERTERS
ANALOG TO DIGITAL CONVERTERS
BINARY TO DECIMAL CONVERTERS
DECIMAL TO BINARY CONVERTERS
DIGITAL TO ANALOG CONVERTERS
RT ANALOG CIRCUITS
ANALOG DATA
COMPUTERS
CONVERSION TABLES
∞ CONVERTERS
∞ DATA
DECODERS
DIGITAL DATA
TRANSDUCERS
VIDEO DATA

DATA CORRELATION

GS CORRELATION
DATA CORRELATION
DATA PROCESSING
DATA CORRELATION
RT ANGULAR CORRELATION
AUTOCORRELATION
CROSS CORRELATION
∞ DATA
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
TELECONNECTIONS (METEOROLOGY)
TEMPERATURE RATIO

DATA FLOW ANALYSIS

RT COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DATA SIMULATION

DATA FLOW ANALYSIS--(cont.)

DATA TRANSFER (COMPUTERS)
FLOW CHARTS
NETWORK ANALYSIS
SEQUENTIAL CONTROL

DATA HANDLING SYSTEMS

USE DATA SYSTEMS

DATA INTEGRATION

RT DATA MANAGEMENT
DATA SIMULATION

DATA LINKS

GS TELECOMMUNICATION
DATA LINKS
RT CHANNELS (DATA TRANSMISSION)
COMMUNICATION NETWORKS
∞ DATA
DECOMMUTATORS
DISCRETE ADDRESS BEACON SYSTEM
FREQUENCY REUSE
PROTOCOL (COMPUTERS)
RADIO RECEIVERS
RADIO RELAY SYSTEMS
REMOTE CONSOLES
SITE DATA PROCESSORS
TELEMETRY
VSAT (NETWORK)
WIRELESS COMMUNICATION

DATA MANAGEMENT

GS MANAGEMENT
DATA MANAGEMENT
RT ∞ DATA
DATA BASE MANAGEMENT SYSTEMS
DATA INTEGRATION
DATA SIMULATION
FRAMES (DATA PROCESSING)
ON-LINE SYSTEMS
RECORDS MANAGEMENT
SURVEYS
TABLES (DATA)
VIRTUAL MEMORY SYSTEMS

DATA PROCESSING

SN (LIMITED TO MECHANICAL OR
ELECTRONIC MANIPULATION OF DATA)
AUTOMATIC DATA PROCESSING
DAEMO (DATA ANALYSIS)
DATA ADAPTIVE EVALUATOR/MONITOR
DATA ANALYSIS
GS DATA PROCESSING
ASSOCIATIVE PROCESSING
(COMPUTERS)
BATCH PROCESSING
CENSORED DATA (MATHEMATICS)
CENTRAL ELECTRONIC MANAGEMENT
SYSTEM
CONCURRENT PROCESSING
DATA CORRELATION
DATA REDUCTION
DATA SMOOTHING
DATA RETRIEVAL
DATA STORAGE
DATA TRANSFER (COMPUTERS)
DISTRIBUTED PROCESSING
KARHUNEN-LOEVE EXPANSION
MULTIPROCESSING (COMPUTERS)
ONBOARD DATA PROCESSING
OPTICAL DATA PROCESSING
SCENE ANALYSIS
PARALLEL PROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)
SIGNAL ANALYSIS
CEPSTRAL ANALYSIS
SIGNAL PROCESSING
VECTOR PROCESSING (COMPUTERS)
VOICE DATA PROCESSING
CEPSTRAL ANALYSIS
RT ACCESS TIME
ADJOINTS
AIRBORNE/SPACEBORNE COMPUTERS
ANALOG DATA
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
∞ AUTOMATION
BINARY DATA
BINARY TO DECIMAL CONVERTERS
BUBBLE MEMORY DEVICES
CHANNELS (DATA TRANSMISSION)
COMPUTATION
COMPUTER INFORMATION SECURITY
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS

DATA PROCESSING--(cont.)

COMPUTERS
DATA STRUCTURES
DECIMAL TO BINARY CONVERTERS
DIGITAL COMPUTERS
DIGITAL DATA
EDITING
EDITING ROUTINES (COMPUTERS)
END-TO-END DATA SYSTEMS
FIXED POINT ARITHMETIC
FLOATING POINT ARITHMETIC
FRAMES (DATA PROCESSING)
IMAGE PROCESSING
INFORMATION RETRIEVAL
INFORMATION THEORY
INTERROGATION
LANGUAGE PROGRAMMING
MECHANIZATION
MICROPROCESSORS
NATURAL LANGUAGE (COMPUTERS)
NEEDS (DATA SYSTEM)
ON-LINE SYSTEMS
PERIPHERAL EQUIPMENT (COMPUTERS)
PREPROCESSING
∞ PROCESSING
PROTOCOL (COMPUTERS)
RCA COMPUTERS
RECORDS
RESPONSE TIME (COMPUTERS)
SITE DATA PROCESSORS
SYMBOLS
SYSTEMS ENGINEERING
TABLES (DATA)
TABULATION PROCESSES
TELECOMMUNICATION
WORD PROCESSING

DATA PROCESSING EQUIPMENT

UF DATA PROCESSORS
GS DATA PROCESSING EQUIPMENT
COMPUTERS
ANALOG COMPUTERS
EAI 680 COMPUTER
HONEYWELL 600/6000 COMPUTER
SIGMA 5 COMPUTER
UNIVAC 1100 SERIES COMPUTERS
CDC COMPUTERS
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 175 COMPUTER
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC CYBER 205 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
COUNTING RATE COMPUTERS
DDP COMPUTERS
DDP 516 COMPUTER
DIGITAL COMPUTERS
CDC CYBER 74 COMPUTER
CDC CYBER 170 SERIES
COMPUTERS
CDC CYBER 174 COMPUTER
CDC CYBER 203 COMPUTER
CDC CYBER 205 COMPUTER
CDC STAR 100 COMPUTER
CDC 160-A COMPUTER
CDC 1604 COMPUTER
CDC 3100 COMPUTER
CDC 3200 COMPUTER
CDC 3600 COMPUTER
CDC 3800 COMPUTER
CDC 6000 SERIES COMPUTERS
CDC 6400 COMPUTER
CDC 6600 COMPUTER
CDC 6700 COMPUTER
CDC 7000 SERIES COMPUTERS
CDC 7600 COMPUTER
CDC 8090 COMPUTER
EAI 680 COMPUTER
EAI 8400 COMPUTER
EAI 8900 COMPUTER
EMR 6050 COMPUTER

DATA PROCESSING EQUIPMENT--(cont.)

... FERRANTI MERCURY COMPUTER
 ... GE COMPUTERS
 ... GE 625 COMPUTER
 ... GE 635 COMPUTER
 ... HEWLETT-PACKARD COMPUTERS
 ... HONEYWELL COMPUTERS
 ... DDP 516 COMPUTER
 ... HONEYWELL ADEPT COMPUTER
 ... HONEYWELL DDP 116 COMPUTER
 ... HONEYWELL 600/6000 COMPUTER
 ... IBM 360 COMPUTER
 ... IBM 370 COMPUTER
 ... IBM 650 COMPUTER
 ... IBM 704 COMPUTER
 ... IBM 709 COMPUTER
 ... IBM 1130 COMPUTER
 ... IBM 1401 COMPUTER
 ... IBM 1410 COMPUTER
 ... IBM 1620 COMPUTER
 ... IBM 2250 COMPUTER
 ... IBM 7030 COMPUTER
 ... IBM 7040 COMPUTER
 ... IBM 7044 COMPUTER
 ... IBM 7070 COMPUTER
 ... IBM 7074 COMPUTER
 ... IBM 7090 COMPUTER
 ... IBM 7094 COMPUTER
 ... ICL COMPUTERS
 ... ILLIAC COMPUTERS
 ... ILLIAC 3 COMPUTER
 ... ILLIAC 4 COMPUTER
 ... MICROCOMPUTERS
 ... PERSONAL COMPUTERS
 ... IBM PERSONAL COMPUTERS
 ... MACINTOSH PERSONAL COMPUTERS
 ... MINICOMPUTERS
 ... NOVA COMPUTERS
 ... MODCOMP II COMPUTER
 ... MODCOMP IV COMPUTER
 ... PARALLEL COMPUTERS
 ... MASSIVELY PARALLEL PROCESSORS
 ... CONNECTION MACHINE
 ... MIMD (COMPUTERS)
 ... SIMD (COMPUTERS)
 ... PDP COMPUTERS
 ... PDP 7 COMPUTER
 ... PDP 8 COMPUTER
 ... PDP 9 COMPUTER
 ... PDP 10 COMPUTER
 ... PDP 11 COMPUTER
 ... PDP 11/20 COMPUTER
 ... PDP 11/40 COMPUTER
 ... PDP 11/45 COMPUTER
 ... PDP 11/50 COMPUTER
 ... PDP 11/70 COMPUTER
 ... PDP 12 COMPUTER
 ... PDP 15 COMPUTER
 ... PHILCO 2000 COMPUTER
 ... RAYTHEON COMPUTERS
 ... RCA SPECTRA 70 COMPUTER
 ... SDS 900 SERIES COMPUTERS
 ... SDS 930 COMPUTER
 ... SDS 9300 COMPUTER
 ... SEL COMPUTERS
 ... SEQUENTIAL COMPUTERS
 ... SIGMA COMPUTERS
 ... SIGMA 9 COMPUTER
 ... SIGMA 5 COMPUTER
 ... SOLOMON COMPUTERS
 ... UNIVAC LARC COMPUTER
 ... UNIVAC 80 COMPUTER
 ... UNIVAC 418 COMPUTER
 ... UNIVAC 490 COMPUTER
 ... UNIVAC 494 COMPUTER
 ... UNIVAC 1100 SERIES COMPUTERS
 ... UNIVAC 1105 COMPUTER
 ... UNIVAC 1106 COMPUTER
 ... UNIVAC 1107 COMPUTER
 ... UNIVAC 1108 COMPUTER
 ... UNIVAC 1110 COMPUTER
 ... UNIVAC 1230 COMPUTER
 ... VAX COMPUTERS
 ... VAX-11 SERIES COMPUTERS
 ... VAX-11/780 COMPUTER
 ... EMBEDDED COMPUTER SYSTEMS
 ... AIRBORNE/SPACEBORNE COMPUTERS
 ... HYBRID COMPUTERS
 ... HYPERCUBE MULTIPROCESSORS
 ... IBM COMPUTERS
 ... IBM PERSONAL COMPUTERS
 ... IBM 360 COMPUTER
 ... IBM 370 COMPUTER

DATA PROCESSING EQUIPMENT--(cont.)

... IBM 650 COMPUTER
 ... IBM 704 COMPUTER
 ... IBM 709 COMPUTER
 ... IBM 1130 COMPUTER
 ... IBM 1401 COMPUTER
 ... IBM 1410 COMPUTER
 ... IBM 1620 COMPUTER
 ... IBM 2250 COMPUTER
 ... IBM 7030 COMPUTER
 ... IBM 7040 COMPUTER
 ... IBM 7044 COMPUTER
 ... IBM 7070 COMPUTER
 ... IBM 7074 COMPUTER
 ... IBM 7090 COMPUTER
 ... IBM 7094 COMPUTER
 ... MINOS COMPUTER
 ... OPTICAL COMPUTERS
 ... PEGASUS COMPUTER
 ... RCA COMPUTERS
 ... RCA SPECTRA 70 COMPUTER
 ... RCA-110 COMPUTERS
 ... SIEMENS 2002 COMPUTER
 ... SITE DATA PROCESSORS
 ... SUPERCOMPUTERS
 ... CONNECTION MACHINE
 ... CRAY COMPUTERS
 ... TRANSPUTERS
 ... UNIVAC COMPUTERS
 ... UNIVAC LARC COMPUTER
 ... UNIVAC 80 COMPUTER
 ... UNIVAC 418 COMPUTER
 ... UNIVAC 490 COMPUTER
 ... UNIVAC 494 COMPUTER
 ... UNIVAC 1100 SERIES COMPUTERS
 ... UNIVAC 1105 COMPUTER
 ... UNIVAC 1106 COMPUTER
 ... UNIVAC 1107 COMPUTER
 ... UNIVAC 1108 COMPUTER
 ... UNIVAC 1110 COMPUTER
 ... UNIVAC 1230 COMPUTER
 ... DATA PROCESSING TERMINALS
 ... VSAT (NETWORK)
 ... MICROPROCESSORS
 ... INTEL 8080 MICROPROCESSOR
 ... PERIPHERAL EQUIPMENT (COMPUTERS)
 ... PRINTERS (DATA PROCESSING)
 ... REMOTE CONSOLES
 ... BATCH PROCESSING
 ... COMPUTER COMPATIBLE TAPES
 ... COMPUTER SYSTEMS SIMULATION
 ... CONTROL UNITS (COMPUTERS)
 ... DATA
 ... DIGITAL RADAR SYSTEMS
 ... EQUIPMENT
 ... INTERFACES
 ... MULTIPROCESSING (COMPUTERS)
 ... OPTICAL DATA PROCESSING
 ... PIPELINING (COMPUTERS)
 ... PRINTERS
 ... SIMULATION

DATA PROCESSING TERMINALS

GS DATA PROCESSING EQUIPMENT
 ... DATA PROCESSING TERMINALS
 ... VSAT (NETWORK)
 RT COMPUTER GRAPHICS
 CONSOLES
 ... DATA
 ... MAN MACHINE SYSTEMS
 ... MAN-COMPUTER INTERFACE
 ... REMOTE CONSOLES
 ... TERMINALS

DATA PROCESSORS

USE DATA PROCESSING EQUIPMENT

DATA READOUT SYSTEMS

USE DATA SYSTEMS
 DISPLAY DEVICES

DATA RECORDERS

RT BUBBLE MEMORY DEVICES
 BUBBLE TECHNIQUE
 COUNTERS
 ... DATA
 ... DISPLAY DEVICES
 ... MONITORS
 ... PUNCHED CARDS
 ... RECORDERS
 ... RECORDING INSTRUMENTS
 ... TAPE RECORDERS
 ... VIDEO DISKS

DATA RECORDING

GS RECORDING
 ... DATA RECORDING
 RT BUBBLE MEMORY DEVICES
 ... DATA
 ... MAGNETIC RECORDING
 ... MAGNETIC STORAGE
 ... OPTICAL DATA STORAGE MATERIALS
 ... PHOTOGRAPHIC RECORDING
 ... PUNCHED CARDS
 ... PUNCHED TAPES
 ... RECORDING HEADS
 ... RECORDS
 ... TABLES (DATA)
 ... TABULATION PROCESSES
 ... VIDEO DISKS

DATA REDUCTION

UF DAEMO (DATA ANALYSIS)
 DATA ADAPTIVE EVALUATOR/MONITOR
 DATA ANALYSIS
 TARE (DATA REDUCTION)
 GS DATA PROCESSING
 ... DATA REDUCTION
 ... DATA SMOOTHING
 RT COMPUTATION
 ... DATA
 ... EDITING
 ... PREPROCESSING
 ... REDUCTION
 ... TABLES (DATA)

DATA RETRIEVAL

GS DATA PROCESSING
 ... DATA RETRIEVAL
 RETRIEVAL
 ... DATA RETRIEVAL
 RT ... DATA
 ... DATA TRANSFER (COMPUTERS)
 ... DOCUMENTATION
 ... INFORMATION MANAGEMENT
 ... INFORMATION RETRIEVAL
 ... INTERSERVICE DATA EXCHANGE
 ... PROGRAM
 ... LIBRARIES
 ... MANAGEMENT INFORMATION SYSTEMS
 ... MICROFILMS
 ... SEARCH PROFILES
 ... TABLES (DATA)
 ... TELEMETRY
 ... WORLD DATA CENTERS

DATA SAMPLING

GS SAMPLING
 ... DATA SAMPLING
 RT COMPUTER SYSTEMS PERFORMANCE
 ... DATA
 ... QUALITY CONTROL
 ... SAMPLED DATA SYSTEMS
 ... TELECOMMUNICATION
 ... TIME SERIES ANALYSIS

DATA SIMULATION

RT DATA FLOW ANALYSIS
 DATA INTEGRATION
 DATA MANAGEMENT
 SIMULATION

DATA SMOOTHING

GS DATA PROCESSING
 ... DATA REDUCTION
 ... DATA SMOOTHING
 ... RECORDING
 ... DATA SMOOTHING
 ... SMOOTHING
 ... DATA SMOOTHING
 RT CURVE FITTING
 ... DATA

DATA STORAGE

GS DATA PROCESSING
 ... DATA STORAGE
 RT BUBBLE MEMORY DEVICES
 BUFFER STORAGE
 CARDS
 CORE STORAGE
 ... DATA
 ... DATA TRANSFER (COMPUTERS)
 ... DOCUMENT STORAGE
 ... FLIP-FLOPS
 ... HOLOGRAPHY
 ... INFORMATION MANAGEMENT
 ... INTERSERVICE DATA EXCHANGE
 ... PROGRAM
 ... MAGNETIC STORAGE

DATA STORAGE--(cont.)

MANAGEMENT INFORMATION SYSTEMS
 MICROFILMS
 MICROPHOTOGRAPHS
 OPTICAL DATA STORAGE MATERIALS
 OPTICAL DISKS
 PUNCHED CARDS
 SELECTIVE DISSEMINATION OF
 INFORMATION
 ∞ STORAGE
 VIDEO DISKS
 VIRTUAL MEMORY SYSTEMS
 WHITE LIGHT HOLOGRAPHY
 WORLD DATA CENTERS

DATA STRUCTURES

RT COMPUTER PROGRAMMING
 DATA BASES
 DATA PROCESSING
 KNOWLEDGE BASED SYSTEMS
 STRUCTURED PROGRAMMING

DATA SYSTEMS

UF DATA HANDLING SYSTEMS
 DATA READOUT SYSTEMS
 GS **DATA SYSTEMS**
 . AIR DATA SYSTEMS
 . NEEDS (DATA SYSTEM)
 RT ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 CONTROL DATA (COMPUTERS)
 ∞ DATA
 DATA TRANSFER (COMPUTERS)
 DIGITAL SYSTEMS
 EARTH RESOURCES INFORMATION
 SYSTEM
 END-TO-END DATA SYSTEMS
 GEOGRAPHIC INFORMATION SYSTEMS
 MANAGEMENT INFORMATION SYSTEMS
 ∞ SYSTEMS

DATA TRANSFER (COMPUTERS)

GS DATA PROCESSING
 . **DATA TRANSFER (COMPUTERS)**
 RT COMPUTER PROGRAMS
 DATA FLOW ANALYSIS
 DATA RETRIEVAL
 DATA STORAGE
 DATA SYSTEMS
 DATA TRANSMISSION

DATA TRANSMISSION

UF DAEMO (DATA ANALYSIS)
 DATA ADAPTIVE EVALUATOR/MONITOR
 INFORMATION TRANSMISSION
 GS TRANSMISSION
 . SIGNAL TRANSMISSION
 . . **DATA TRANSMISSION**
 . . . AUTOMATIC PICTURE
 TRANSMISSION
 . . . MULTIPLE ACCESS
 ALOHA SYSTEM
 CODE DIVISION MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE
 ACCESS
 . . . PACKET TRANSMISSION
 ALOHA SYSTEM
 . . . SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 RT ACCESS CONTROL
 ARGOS SYSTEM
 AUDIO DATA
 AUTOMATIC REPEAT REQUEST
 CARRIER TO NOISE RATIOS
 CHANNELS (DATA TRANSMISSION)
 CODE DIVISION MULTIPLEXING
 CODING
 COMMUNICATION THEORY
 CONCATENATED CODES
 ∞ DATA
 DATA TRANSFER (COMPUTERS)
 DEEP SPACE INSTRUMENTATION
 FACILITY
 ELECTRONIC MAIL
 FM/PM (MODULATION)
 FREQUENCY DIVISION MULTIPLEXING
 INFORMATION THEORY
 INTERSYMBOLIC INTERFERENCE
 LASER APPLICATIONS
 LOCAL AREA NETWORKS
 MODEMS
 MULTIPLEXING
 PACKET SWITCHING
 PACKETS (COMMUNICATION)
 PROTOCOL (COMPUTERS)

DATA TRANSMISSION--(cont.)

PULSE COMMUNICATION
 RADIO TELEMETRY
 RADIO TRANSMISSION
 READING
 REDUNDANCY ENCODING
 SATELLITE TRANSMISSION
 SHIP TO SHORE COMMUNICATION
 TDR SATELLITES
 TELECOMMUNICATION
 TELEMETRY
 TRANSMISSION EFFICIENCY
 TRANSMISSION RATE
 (COMMUNICATIONS)
 VIDEO DATA
 VSAT (NETWORK)
 WIRELESS COMMUNICATION

DATA VISUALIZATION

USE SCIENTIFIC VISUALIZATION

DATING

USE CHRONOLOGY
 TIME MEASUREMENT

DATUM (ELEVATION)

RT CLEARANCES
 CONTOURS
 ∞ DATA
 ELEVATION ANGLE
 HYPSONOGRAPHY
 LEVELING
 MAPS
 SURVEYS

DAWN CHORUS

UF CHORUS (DAWN PHENOMENON)
 CHORUS PHENOMENON
 GS ATMOSPHERIC RADIATION
 . **DAWN CHORUS**
 . ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . ATMOSPHERICS
 IONOSPHERICS
 **DAWN CHORUS**
 RT AURORAS
 MAGNETIC STORMS
 WHISTLERS

DAWSONITE

GS MINERALS
 . **DAWSONITE**
 RT ALUMINUM
 SODIUM
 SODIUM CARBONATES

DAYGLOW

GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . . **DAYGLOW**
 . . . ELECTROMAGNETIC RADIATION
 . . . LIGHT (VISIBLE RADIATION)
 . . . SKY RADIATION
 . . . **DAYGLOW**
 RT GLARE
 LIGHT SOURCES
 SKY
 SOLAR RADIATION
 TWILIGHT GLOW
 ULTRAVIOLET RADIATION

DAYTIME

RT DIURNAL VARIATIONS
 EVENING
 MORNING
 NIGHT
 NOON
 SKY BRIGHTNESS

DBR LASERS

UF DISTRIBUTED BRAGG REFLECTOR
 LASERS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SOLID STATE LASERS
 . . . **DBR LASERS**
 . . . STIMULATED EMISSION DEVICES
 . . . LASERS
 . . . SOLID STATE LASERS
 . . . **DBR LASERS**
 RT BRAGG ANGLE
 DISTRIBUTED FEEDBACK LASERS
 SEMICONDUCTOR LASERS
 TUNABLE LASERS

DBS (SATELLITES)

USE DIRECT BROADCAST SATELLITES

DC (CURRENT)

USE DIRECT CURRENT

DC GENERATORS

UF DIRECT CURRENT GENERATORS
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . **DC GENERATORS**
 RT ∞ GENERATORS
 ROTATING GENERATORS

DC 3 AIRCRAFT

UF DOUGLAS DC-3 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **DC 3 AIRCRAFT**
 . MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **DC 3 AIRCRAFT**
 . . . MONOPLANES
 . . . **DC 3 AIRCRAFT**
 . . . TRANSPORT AIRCRAFT
 . . . CARGO AIRCRAFT
 . . . **DC 3 AIRCRAFT**
 RT ∞ AIRCRAFT

DC 7 AIRCRAFT

UF DOUGLAS DC-7 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **DC 7 AIRCRAFT**
 . MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **DC 7 AIRCRAFT**
 . . . MONOPLANES
 . . . **DC 7 AIRCRAFT**
 . . . TRANSPORT AIRCRAFT
 . . . CARGO AIRCRAFT
 . . . **DC 7 AIRCRAFT**
 RT ∞ AIRCRAFT
 PASSENGER AIRCRAFT

DC 8 AIRCRAFT

UF DOUGLAS DC-8 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **DC 8 AIRCRAFT**
 . JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **DC 8 AIRCRAFT**
 . . . MCDONNELL DOUGLAS AIRCRAFT
 . . . DOUGLAS AIRCRAFT
 . . . **DC 8 AIRCRAFT**
 . . . MONOPLANES
 . . . **DC 8 AIRCRAFT**
 . . . PASSENGER AIRCRAFT
 . . . **DC 8 AIRCRAFT**
 . . . TRANSPORT AIRCRAFT
 . . . **DC 8 AIRCRAFT**
 RT ∞ AIRCRAFT

DC 9 AIRCRAFT

UF DOUGLAS DC-9 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **DC 9 AIRCRAFT**
 . JET AIRCRAFT
 . **DC 9 AIRCRAFT**
 . MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . . **DC 9 AIRCRAFT**
 . . . TRANSPORT AIRCRAFT
 . . . **DC 9 AIRCRAFT**
 RT ∞ AIRCRAFT

DC 10 AIRCRAFT

GS COMMERCIAL AIRCRAFT
 . **DC 10 AIRCRAFT**
 . JET AIRCRAFT
 . . **DC 10 AIRCRAFT**
 . . . MCDONNELL DOUGLAS AIRCRAFT
 . . . DOUGLAS AIRCRAFT
 . . . **DC 10 AIRCRAFT**
 . . . MCDONNELL AIRCRAFT
 . . . **DC 10 AIRCRAFT**
 . . . PASSENGER AIRCRAFT
 . . . **DC 10 AIRCRAFT**
 . . . TRANSPORT AIRCRAFT
 . . . **DC 10 AIRCRAFT**
 RT ∞ AIRCRAFT
 TURBOFAN ENGINES

DDP COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **DDP COMPUTERS**

DDP COMPUTERS--(cont.)

... DDP 516 COMPUTER
RT DIGITAL COMPUTERS

DDP 516 COMPUTER

GS DATA PROCESSING EQUIPMENT
... COMPUTERS
... DDP COMPUTERS
... **DDP 516 COMPUTER**
... DIGITAL COMPUTERS
... HONEYWELL COMPUTERS
... **DDP 516 COMPUTER**

DDT

UF DICHLORODIPHENYLTRICHLOROETHANE
GS HALOGEN COMPOUNDS
... CHLORINE COMPOUNDS
... **DDT**

DE BROGLIE WAVELENGTHS

GS WAVELENGTHS
... **DE BROGLIE WAVELENGTHS**
RT ELEMENTARY PARTICLES
MASS
MOMENTUM
PLANCKS CONSTANT
QUANTUM THEORY
VELOCITY
WENTZEL-KRAMER-BRILLOUIN METHOD

DE HAVILLAND AIRCRAFT

GS **DE HAVILLAND AIRCRAFT**
... COMET 4 AIRCRAFT
... DH 112 AIRCRAFT
... DH 115 AIRCRAFT
... DH 121 AIRCRAFT
... DH 125 AIRCRAFT
... DHC 2 AIRCRAFT
... DHC 4 AIRCRAFT
... DHC 5 AIRCRAFT
RT ∞ AIRCRAFT

DE HAVILLAND DH 106 AIRCRAFT

USE COMET 4 AIRCRAFT

DE HAVILLAND DH 112 AIRCRAFT

USE DH 112 AIRCRAFT

DE HAVILLAND DH 115 AIRCRAFT

USE DH 115 AIRCRAFT

DE HAVILLAND DH 121 AIRCRAFT

USE DH 121 AIRCRAFT

DE HAVILLAND DH 125 AIRCRAFT

USE DH 125 AIRCRAFT

DE HAVILLAND DHC 4 AIRCRAFT

USE DHC 4 AIRCRAFT

DE HAVILLAND DHC 5 AIRCRAFT

USE DHC 5 AIRCRAFT

DE HAVILLAND VENOM AIRCRAFT

USE DH 112 AIRCRAFT

DE LAVAL NOZZLES

USE CONVERGENT-DIVERGENT NOZZLES

DEACCLIMATIZATION

USE ACCLIMATIZATION

DEACTIVATION

UF INACTIVATION
RT ACTIVATION
PASSIVITY
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
SABOTAGE
SHUTDOWNS

DEAD RECKONING

GS NAVIGATION
... **DEAD RECKONING**
RT AIR NAVIGATION
DIGITAL NAVIGATION
DOPPLER NAVIGATION
INERTIAL NAVIGATION
POLAR NAVIGATION
RADAR NAVIGATION
RADIO NAVIGATION
SURFACE NAVIGATION

DEADWEIGHT

USE STATIC LOADS

DEAFNESS

USE AUDITORY DEFECTS

DEATH

RT CASUALTIES
EXPIRATION
INJURIES
LIFE SPAN
MORTALITY

DEATH VALLEY (CA)

GS LANDFORMS
... **DEATH VALLEY (CA)**
VALLEYS
... **DEATH VALLEY (CA)**
RT ARID LANDS
CALIFORNIA
DESERTIFICATION
DESERTS
RIVER BASINS

DEBONAIR AIRCRAFT

USE C-33 AIRCRAFT

DEBONDING (MATERIALS)

SN (LIMITED TO THE SEPARATION OF
BONDED MATERIALS; NOT TO BE USED
FOR THE BREAKUP OF
ATOMIC/MOLECULAR BONDS)
RT ANODIC STRIPPING
BONDING
DELAMINATING
FIBER COMPOSITES
LAMINATES
MATRIX MATERIALS
PEELING
REINFORCING FIBERS
 ∞ SEPARATION

DEBRIS

GS **DEBRIS**
... SPACE DEBRIS
RT EJECTA
ENVIRONMENT EFFECTS
FRAGMENTS
GLACIAL DRIFT
POLLUTION
 ∞ RADIOACTIVE DEBRIS
SCRAP
WASTES

DEBUGGING

USE CHECKOUT

DEBYE LENGTH

GS DISTANCE
... **DEBYE LENGTH**
RT PLASMAS (PHYSICS)

DEBYE TEMPERATURE

USE SPECIFIC HEAT

DEBYE-HUCKEL THEORY

RT DISSOCIATION
ELECTROLYTES
PLASMA POTENTIALS
 ∞ THEORIES

DEBYE-SCHERRER METHOD

RT CRYSTALLOGRAPHY
DIFFRACTION
 ∞ METHODOLOGY

DECAMETRIC WAVES

GS ELECTROMAGNETIC RADIATION
... RADIO WAVES
... **DECAMETRIC WAVES**
RT CORONAL HOLES
HIGH FREQUENCIES
VERY HIGH FREQUENCIES

DECARBONATION

GS CHEMICAL REACTIONS
... **DECARBONATION**
RT CARBONIZATION

DECARBOXYLATION

GS CHEMICAL REACTIONS
... **DECARBOXYLATION**
RT CARBOXYLATION

DECIMAL TO BINARY CONVERTERS**DECARBURIZATION**

RT CARBON
CARBURIZING
HEATING
METAL WORKING

DECAY

GS **DECAY**
... NEUTRON DECAY
... PLASMA DECAY
... RADIOACTIVE DECAY
... ALPHA DECAY
... NEUTRON EMISSION
... SPACECRAFT GLOW
... WEAK ENERGY INTERACTIONS
... WEAK INTERACTIONS (FIELD
THEORY)
RT BETA PARTICLES
BIODEGRADABILITY
BIODEGRADATION
DAMAGE
DEGRADATION
DETERIORATION
DISINTEGRATION
EMISSION
GAMMA RAYS
HALF LIFE
HOT ATOMS
NUCLEAR FISSION
RADIATIVE LIFETIME

DECAY RATES

GS RATES (PER TIME)
... **DECAY RATES**
... ELECTRON DECAY RATE

DECCA NAVIGATION

GS NAVIGATION
... RADIO NAVIGATION
... HYPERBOLIC NAVIGATION
... **DECCA NAVIGATION**
RT DISTANCE MEASURING EQUIPMENT
LORAN
LORAN C
LORAN D
NAVIGATION AIDS
SHORAN
SOLAR COMPASSES
SURFACE NAVIGATION

DECELERATION

GS RATES (PER TIME)
... ACCELERATION (PHYSICS)
... **DECELERATION**
... SPIN REDUCTION
RT ANGULAR ACCELERATION
BRAKING
DAMPING
IMPACT
IMPACT ACCELERATION
LANDING LOADS
PHYSIOLOGICAL ACCELERATION
 ∞ REDUCTION
RETARDING
RETROFIRING
RETROTHRUST
STOPPING
TAPERING
THRUST REVERSAL

DECELERATORS

USE BRAKES (FOR ARRESTING MOTION)

DECEPTION

RT AIR DEFENSE
CHAFF
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
OPTICAL COUNTERMEASURES
SIMULATION

DECIDUOUS TREES

GS PLANTS (BOTANY)
... TREES (PLANTS)
... **DECIDUOUS TREES**
RT CONIFERS
EARTH RESOURCES
FOLIAGE
FORESTS
LEAVES
TIMBER IDENTIFICATION

DECIMAL TO BINARY CONVERTERS

GS DATA CONVERTERS
... **DECIMAL TO BINARY CONVERTERS**

DECIMAL TO BINARY CONVERTERS--(cont.)

RT BINARY DATA
BINARY TO DECIMAL CONVERTERS
COMPUTER COMPONENTS
DATA PROCESSING

DECIMALS

RT DIGITS
NUMBER THEORY
∞ NUMBERS

DECIMETER WAVES

GS ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . . SHORT WAVE RADIATION
. . . . MICROWAVES
. **DECIMETER WAVES**
RT MILLIMETER WAVES
PLANETARY RADIATION
SOLAR RADIO EMISSION
ULTRAHIGH FREQUENCIES

DECISION ELEMENTS

USE LOGICAL ELEMENTS

DECISION MAKING

RT COGNITION
COMMAND AND CONTROL
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
DECISIONS
ECONOMY
JUDGMENTS
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
PROBLEM SOLVING
STARSITE PROGRAM
SYSTEMS ENGINEERING
TRADEOFFS

DECISION THEORY

GS **DECISION THEORY**
. STATISTICAL DECISION THEORY
RT DYNAMIC PROGRAMMING
EXPECTATION
GAME THEORY
INFORMATION THEORY
MARTINGALES
MATHEMATICAL MODELS
OPERATIONS RESEARCH
PROBABILITY THEORY
RECOMMENDATIONS
RISK
SCHEDULING
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
STRATEGY
∞ SYNTHESIS
SYSTEMS ENGINEERING
∞ THEORIES

DECISIONS

RT ∞ COMMANDS
CONTRACT MANAGEMENT
DECISION MAKING
JUDGMENTS
LOGIC CIRCUITS
MANAGEMENT
PROCUREMENT POLICY
PROJECT PLANNING
SELECTION

DECKS (FLOORS)

USE FLOORS

DECLINATION

RT MAPPING
NAVIGATION

DECODERS

GS **DECODERS**
. VITERBI DECODERS
RT BCH CODES
CODERS
DATA CONVERTERS
DECODING
DEMODULATORS
REED-SOLOMON CODES
∞ TRANSLATORS

DECODING

GS CODING
DECODING

DECODING--(cont.)

RT BCH CODES
CONCATENATED CODES
CRYPTOGRAPHY
DATA COMPRESSION
DECODERS
DEMODULATION
DICTIONARIES
∞ INTERPRETATION
TRANSLATING
VITERBI DECODERS

DECOMMISSIONING

RT RADIOACTIVE WASTES
UNDERGROUND STORAGE

DECOMMUTATORS

GS COMMUTATORS
. **DECOMMUTATORS**
RT DATA LINKS
DEMODULATORS
DIFFERENTIAL PULSE CODE
MODULATION
ELECTRIC MOTORS
∞ GENERATORS
PULSE CODE MODULATION
TELEMETRY

DECOMPOSITION

GS **DECOMPOSITION**
. AMMONOLYSIS
. CRACKING (CHEMICAL ENGINEERING)
. . . HYDROCRACKING
. . . PYROLYSIS
. . . GLYCOLYSIS
. . . HYDROGENOLYSIS
. . . HYDROCRACKING
. . . NITROLYSIS
. . . PHOTODECOMPOSITION
. . . PHOTODISSOCIATION
. . . PHOTOLYSIS
. . . PROPELLANT DECOMPOSITION
. . . RADIOLYSIS
. . . THERMAL DECOMPOSITION
. . . PYROLYSIS
RT ABLATION
BIODEGRADABILITY
BIODEGRADATION
CHARRING
DAMAGE
DEGRADATION
DETERIORATION
DISINTEGRATION
DISSOCIATION
ELECTROLYSIS
LATERITES
OVERVOLTAGE
STORAGE STABILITY
THERMAL DISSOCIATION

DECOMPRESSION

USE PRESSURE REDUCTION

DECOMPRESSION SICKNESS

UF BENDS (PHYSIOLOGY)
GS SICKNESSES
. **DECOMPRESSION SICKNESS**
RT AEROEMBOLISM
ALTITUDE SICKNESS
BAROTRAUMA
DIVING (UNDERWATER)

DECONDITIONING

GS BEHAVIOR
. **DECONDITIONING**
RT LEARNING
REFLEXES

DECONGESTANTS

GS DRUGS
. **DECONGESTANTS**
RT ANTIHISTAMINICS

DECONTAMINATION

GS **DECONTAMINATION**
. SPACECRAFT STERILIZATION
RT AIR PURIFICATION
ANTISEPTICS
CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
CLEANING
CONTAMINANTS
CONTAMINATION
DEWAXING
DISPOSAL

DECONTAMINATION--(cont.)

DISSIPATION
ELIMINATION
ETHYLENE OXIDE
EXHAUSTING
EXTENSIONS
∞ FOOD
POLLUTION
PURGING
PURIFICATION
PURITY
∞ REDUCTION
∞ SEPARATION
SPACECRAFT CONTAMINATION
STERILIZATION
STERILIZATION EFFECTS
WASHING

DECOUPLING

GS **DECOUPLING**
. SPIN DECOUPLING
RT COUPLING
DISCONNECT DEVICES
GRAVITINOS
RELEASING

DECOYS

GS **DECOYS**
. BALLISTIC MISSILE DECOYS
. BLUE GOOSE MISSILE
. QUAIL MISSILE
. REENTRY DECOYS
RT COUNTERMEASURES
DUMMIES

DECREMENTING

USE REDUCTION

DEDUCTION

RT DERIVATION
INFERENCE

DEEP DRAWING

RT BULGING
COLD DRAWING
COLD WORKING
EXPLOSIVE FORMING
MAGNETIC FORMING
METAL WORKING
STRETCHING

DEEP SCATTERING LAYERS

RT ACOUSTIC SCATTERING
ECHO SOUNDING
∞ LAYERS
OCEANOGRAPHY
ORGANISMS
SCATTERING
SOUND WAVES
UNDERWATER ACOUSTICS

DEEP SPACE

GS ENVIRONMENTS
. AEROSPACE ENVIRONMENTS
. . . **DEEP SPACE**
. . . INTERPLANETARY SPACE
. . . INTERSTELLAR SPACE
. . . EXTRATERRESTRIAL ENVIRONMENTS
. . . **DEEP SPACE**
. . . INTERPLANETARY SPACE
. . . INTERSTELLAR SPACE
RT CISELUNAR SPACE
FRICTIONLESS ENVIRONMENTS
LONG DURATION SPACE FLIGHT
∞ SPACE

DEEP SPACE INSTRUMENTATION FACILITY

UF DSIF (INSTRUMENTATION FACILITY)
GS STATIONS
. GROUND STATIONS
. . . **DEEP SPACE INSTRUMENTATION FACILITY**
. . . TRACKING STATIONS
. . . **DEEP SPACE INSTRUMENTATION FACILITY**
RT DATA ACQUISITION
DATA TRANSMISSION
RADIO CONTROL

DEEP SPACE NETWORK

UF DSN (SPACE NETWORK)
GS COMMUNICATION NETWORKS
. **DEEP SPACE NETWORK**
TRACKING NETWORKS

DEEP SPACE NETWORK--(cont.)

GS **DEEP SPACE NETWORK**
RT ∞ NETWORKS
SPACECRAFT TRACKING

DEEP WATER

GS WATER
RT **DEEP WATER**
OCEAN BOTTOM
OCEANOGRAPHY
OCEANS
SEAS

DEEP WELL INJECTION (WASTES)

GS INJECTION
FLUID INJECTION
LIQUID INJECTION
RT **DEEP WELL INJECTION (WASTES)**
WASTE DISPOSAL

DEEPWATER TERMINALS

RT ARTIFICIAL HARBORS
CARGO SHIPS
MARINE TECHNOLOGY
MARINE TRANSPORTATION
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE ENERGY SOURCES
OFFSHORE PLATFORMS
SHIP TERMINALS
TANKER SHIPS
TANKER TERMINALS
∞ TANKERS
TERMINAL FACILITIES
TRANSPORTATION

DEER

GS ANIMALS
VERTEBRATES
MAMMALS
DEER
CARIBOU
RT GRAZING
LIVESTOCK

DEFECTS

UF FLAWS
IMPERFECTIONS
GS **DEFECTS**
AUDITORY DEFECTS
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
SCREW DISLOCATIONS
POINT DEFECTS
VACANCIES (CRYSTAL DEFECTS)
FRENKEL DEFECTS
HYPEROPIA
INCLUSIONS
SPEECH DEFECTS
SURFACE DEFECTS
RT CASTINGS
CAVITIES
CRACKS
CUMULATIVE DAMAGE
DAMAGE
INHOMOGENEITY
IRREGULARITIES
LEAKAGE
PINHOLES
POROSITY
SCORING
VIGNETTING
VOIDS
X RAY ANALYSIS

DEFENDER PROJECT

GS PROGRAMS
PROJECTS
DEFENDER PROJECT

DEFENSE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR DEFENSE
ANTIMISSILE DEFENSE
CIVIL DEFENSE
DEFENSE COMMUNICATIONS SATELLITE
SYSTEM
DEFENSE COMMUNICATIONS SYSTEM
(DCS)
DEFENSE INDUSTRY
DEFENSE PROGRAM
DMSP SATELLITES

DEFENSE--(cont.)

MISSILE DEFENSE
PHYSIOLOGICAL DEFENSES

DEFENSE COMMUNICATIONS SATELLITE SYSTEM

GS TELECOMMUNICATION
DEFENSE COMMUNICATIONS
SATELLITE SYSTEM
FLEET SATELLITE COMMUNICATION
SYSTEM
RT COMMUNICATION SATELLITES
DEFENSE
RADIO RELAY SYSTEMS
SPACE COMMUNICATION
SYSTEMS

DEFENSE COMMUNICATIONS SYSTEM (DCS)

GS TELECOMMUNICATION
DEFENSE COMMUNICATIONS SYSTEM
(DCS)
RT COMMUNICATION NETWORKS
DEFENSE
MILITARY TECHNOLOGY
SYSTEMS

DEFENSE INDUSTRY

GS INDUSTRIES
DEFENSE INDUSTRY
WEAPONS INDUSTRY
RT ANTIMISSILE DEFENSE
DEFENSE
MILITARY TECHNOLOGY
MISSILE DEFENSE

DEFENSE METEOROLOGICAL SATELLITE PROGRAM

USE DMSP SATELLITES

DEFENSE PROGRAM

GS PROGRAMS
DEFENSE PROGRAM
RT AIR DEFENSE
ANTIMISSILE DEFENSE
ARMED FORCES (UNITED STATES)
CIVIL DEFENSE
DEFENSE
DMSP SATELLITES
MILITARY TECHNOLOGY
MISSILE DEFENSE
SPACE TRANSPORTATION SYSTEM
WEAPONS DELIVERY

DEFINITION

RT ACCURACY
DELINEATION
DESCRIPTIONS
DICTIONARIES
MEASUREMENT
NOMENCLATURES
PRECISION
RESOLUTION

DEFLAGRATION

GS COMBUSTION
DEFLAGRATION
RT BACKFIRE
FIRES
FLASHBACK

DEFLATING

USE INFLATABLE STRUCTURES
PRESSURE REDUCTION

DEFLECTION

RT BENDING
BENDING DIAGRAMS
CAMBER
DEFORMATION
DIFFRACTION
DISPERSING
DISPLACEMENT
DISTORTION
ELASTIC DEFORMATION
FLEXING
MAXWELL-MOHR METHOD
REFLECTION
REFRACTION
SCATTERING
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TORSION
VARIATIONS
WAVE DISPERSION
YOKES

DEFLECTORS

GS **DEFLECTORS**
BLAST DEFLECTORS
FLAME DEFLECTORS
RT ATTENUATORS
BAFFLES
DIFFUSERS
DIVERTERS
FLOW DEFLECTION
GUST ALLEVIATORS
REFLECTORS
SAFETY DEVICES
SHIELDING
SPOILERS

DEFLUORINATION

GS CHEMICAL REACTIONS
DEFLUORINATION
RT FLUORINATION
HALOGENATION

DEFOCUSING

GS FOCUSING
DEFOCUSING
RT OPTICS

DEFOLIANTS

RT DEFOLIATION
FOLIAGE
FORESTS
HERBICIDES
LEAVES
PLANTS (BOTANY)
TREES (PLANTS)

DEFOLIATION

RT BRUSH (BOTANY)
DEFOLIANTS
DEFORESTATION
FORESTS
GRASSES
LEAVES
PLANTS (BOTANY)
TREES (PLANTS)

DEFORESTATION

RT CLEARINGS (OPENINGS)
CONSERVATION
DEFOLIATION
ENVIRONMENT EFFECTS
FORESTS

DEFORMATION

GS **DEFORMATION**
AXIAL STRAIN
ELASTIC DEFORMATION
ELASTIC BENDING
ELASTIC BUCKLING
NUCLEAR DEFORMATION
PLASTIC DEFORMATION
STATIC DEFORMATION
TENSILE DEFORMATION
WAVE FRONT DEFORMATION
RT BENDING
BUCKLING
CAMBER
COLLAPSE
CORRUGATING
CREEP PROPERTIES
DAMAGE
DEFLECTION
DEFORMETERS
DISPLACEMENT
DISTORTION
ELONGATION
FAILURE
FLEXING
FRACTURES (MATERIALS)
INDENTATION
MECHANICAL PROPERTIES
SET
SKEWNESS
STIFFNESS
STRAIN DISTRIBUTION
STRUCTURAL FAILURE
STRUCTURAL STRAIN
TEMPERATURE INVERSIONS
TOPOLOGY
TORSION
TWISTING
VOLUMETRIC STRAIN
WARPAGE
WRINKLING

DEFORMERS

GS MEASURING INSTRUMENTS
 . **DEFORMERS**
 RT DEFORMATION
 DIMENSIONAL MEASUREMENT
 EXTENSOMETERS
 MECHANICAL MEASUREMENT
 STRAIN GAGES
 STRESS MEASUREMENT
 TENSOMETERS

DEFROSTING

RT DEICING
 HEATING
 ICE PREVENTION
 MELTING
 REFRIGERATING
 REFRIGERATORS

DEGASSING

UF BAKEOUT
 GS **DEGASSING**
 . DEOXYGENATION
 RT ABSORBERS (EQUIPMENT)
 AERATION
 BAKING
 CASTINGS
 DEOXIDIZING
 DESORPTION
 GAS EVOLUTION
 OCCLUSION
 OFFGASSING
 OUTGASSING
 PURGING
 SCAVENGING
 ∞ SEPARATION

DEGENERATE MATTER

GS MATTER (PHYSICS)
 . **DEGENERATE MATTER**
 RT ANTIMATTER
 ASTROPHYSICS
 BLACK HOLES (ASTRONOMY)
 COSMIC GASES
 CRITICAL PRESSURE
 DENSITY (MASS/VOLUME)
 EXTRATERRESTRIAL MATTER
 FERMIDIRAC STATISTICS
 HIGH PRESSURE
 MASSIVE STARS
 NAKED SINGULARITIES
 NEUTRON STARS
 NUCLEAR FUSION
 ∞ PHYSICS
 PULSARS
 ROTATING MATTER
 STELLAR CORES
 STELLAR EVOLUTION
 STELLAR MASS
 SUPERMASSIVE STARS
 WHITE DWARF STARS

DEGENERATION

RT ATROPHY
 DETERIORATION
 NEGATIVE FEEDBACK

DEGENERATIVE FEEDBACK

USE NEGATIVE FEEDBACK

DEGRADATION

GS **DEGRADATION**
 . BIODEGRADATION
 . THERMAL DEGRADATION
 . WAVE DEGRADATION
 RT CHEMICAL ATTACK
 CORROSION
 CUMULATIVE DAMAGE
 CURING
 DAMAGE
 DECAY
 DECOMPOSITION
 DEPOLYMERIZATION
 DETERIORATION
 DISCOLORATION
 DURABILITY
 EMBRITTLEMENT
 EROSION
 HOT CORROSION
 OXIDATION
 PITTING
 PRESERVING
 RUSTING
 SCALE (CORROSION)
 STERILIZATION EFFECTS

DEGRADATION--(cont.)

THERMAL DISSOCIATION
 WEATHERING

DEGREES OF FREEDOM

RT EQUIPARTITION THEOREM
 EXPERIMENT DESIGN
 FACTOR ANALYSIS
 NULL HYPOTHESIS
 PHASE RULE
 QUALITY CONTROL
 SIGNIFICANCE
 THREE DIMENSIONAL MOTION
 TORQUERS
 ∞ VARIANCE

DEHP

USE DIETHYL HYDROGEN PHOSPHITE (DEHP)

DEHUMIDIFICATION

GS DRYING
 . **DEHUMIDIFICATION**
 RT CONDENSING
 COOLING SYSTEMS
 DEHYDRATION
 DIFFUSION
 HUMIDITY
 REFRIGERATING
 ∞ SEPARATION
 SILICA GEL

DEHYDRATED FOOD

RT CONSUMABLES (SPACECREW SUPPLIES)
 DEHYDRATION
 DRYING APPARATUS
 ∞ FOOD
 FOOD PROCESSING
 FREEZE DRYING
 PRESERVING
 SPACE FLIGHT FEEDING

DEHYDRATION

GS DRYING
 . **DEHYDRATION**
 RT COLUMNS (PROCESS ENGINEERING)
 DEHUMIDIFICATION
 DEHYDRATED FOOD
 DEWATERING
 EVAPORATION
 FREEZE DRYING
 HYDRATION
 PLASMOLYSIS
 ∞ SEPARATION
 SILICA GEL
 THERMOGRAVIMETRY
 WATER LOSS

DEHYDROGENATION

GS CHEMICAL REACTIONS
 . **DEHYDROGENATION**
 RT COLUMNS (PROCESS ENGINEERING)
 HYDROFORMING
 HYDROGENATION
 HYDROGENOLYSIS
 OXIDATION
 REDUCTION (CHEMISTRY)

DEICERS

UF DEICING SYSTEMS
 RT AIRCRAFT ICING
 AIRFOILS
 ANTIICING ADDITIVES
 DEICING
 ∞ HEATERS
 HEATING EQUIPMENT
 ICE PREVENTION

DEICING

RT AIRCRAFT ICING
 AIRFOILS
 ANTIICING ADDITIVES
 DEFROSTING
 DEICERS
 ∞ HEATERS
 HEATING EQUIPMENT
 ICE PREVENTION
 MELTING

DEICING SYSTEMS

USE DEICERS

DEIMOS

GS CELESTIAL BODIES
 . NATURAL SATELLITES

DEIMOS--(cont.)

. . . MARS SATELLITES
 . . . **DEIMOS**
 RT CHARON
 MARS (PLANET)
 PHOBOS

DEIONIZATION

GS CHEMICAL REACTIONS
 . **DEIONIZATION**
 RT ATOMIC RECOMBINATION
 DEMINERALIZING
 EXCHANGING
 ION RECOMBINATION
 RADIATIVE RECOMBINATION
 ∞ SEPARATION
 SOFTENING

DEKATONS

USE COUNTERS

DELAMINATING

RT ANODIC STRIPPING
 DEBONDING (MATERIALS)
 INTERLAMINAR STRESS
 PEELING
 ∞ SEPARATION

DELAWARE

GS NATIONS
 . UNITED STATES
 . . **DELAWARE**
 RT DELAWARE RIVER BASIN (US)
 DELMARVA PENINSULA (DE-MD-VA)

DELAWARE BAY (US)

GS BAYS (TOPOGRAPHIC FEATURES)
 . **DELAWARE BAY (US)**
 RT ATLANTIC OCEAN
 GULFS
 INLETS (TOPOGRAPHY)
 NEW JERSEY
 PENNSYLVANIA

DELAWARE RIVER BASIN (US)

GS LANDFORMS
 . STRUCTURAL BASINS
 . . RIVER BASINS
 . . . **DELAWARE RIVER BASIN (US)**
 RT DELAWARE
 NEW JERSEY
 NEW YORK
 PENNSYLVANIA
 RIVERS
 STREAMS
 VALLEYS

DELAY

RT DWELL
 ∞ HOLDING
 LATENESS
 STOPPING
 TIME LAG
 ∞ TIME RESPONSE
 TRANSMISSION RATE
 (COMMUNICATIONS)

DELAY CIRCUITS

GS CIRCUITS
 . **DELAY CIRCUITS**
 . . PHANTASTONS
 RT ACOUSTIC DELAY LINES
 CIRCULATORS (PHASE SHIFT CIRCUITS)
 COMPARATOR CIRCUITS
 PHASE SHIFT CIRCUITS

DELAY LINES

GS **DELAY LINES**
 . ACOUSTIC DELAY LINES
 . DELAY LINES (COMPUTER STORAGE)
 RT ∞ LINES
 TIME LAG

DELAY LINES (COMPUTER STORAGE)

GS COMPUTER STORAGE DEVICES
 . **DELAY LINES (COMPUTER STORAGE)**
 DELAY LINES
 . **DELAY LINES (COMPUTER STORAGE)**
 RT SHIFT REGISTERS

DELAYED FLAP APPROACH

UF DFA
 GS APPROACH
 . **DELAYED FLAP APPROACH**

DELAYED FLAP APPROACH--(cont.)

RT FLAPS (CONTROL SURFACES)
 FLIGHT PATHS
 LANDING AIDS
 NASA PROGRAMS
 NOISE REDUCTION

DELETION

GS ELIMINATION
 . DELETION
 RT DISPOSAL
 REMOVAL

DELFIN AIRCRAFT

USE L-29 JET TRAINER

DELFT CAMERA

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . DELFT CAMERA
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . DELFT CAMERA

DELINEATION

RT BOUNDARIES
 DEFINITION
 ∞ PROFILES

DELIVERY

GS DELIVERY
 . PAYLOAD DELIVERY (STS)
 . WEAPONS DELIVERY
 RT AIR DROP OPERATIONS
 AIRDROPS
 CARGO
 CIRCULATION
 HAULING
 MATERIALS HANDLING
 OUTPUT
 ∞ RECEIVING
 TRANSPORTATION
 TRUCKS

DELMARVA PENINSULA (DE-MD-VA)

GS LANDFORMS
 . PENINSULAS
 . . DELMARVA PENINSULA (DE-MD-VA)
 RT DELAWARE
 MARYLAND
 VIRGINIA

DELPHI METHOD (FORECASTING)

GS FORECASTING
 . TECHNOLOGICAL FORECASTING
 . . DELPHI METHOD (FORECASTING)
 MANAGEMENT METHODS
 . DELPHI METHOD (FORECASTING)
 RT ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 PATTERN METHOD (FORECASTING)
 PLANNING
 PREDICTIONS
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

DELRIN (TRADEMARK)

GS PLASTICS
 . DELRIN (TRADEMARK)
 RT RESINS

DELTA ANTENNAS

GS ANTENNAS
 . DELTA ANTENNAS
 RT ANTENNA DESIGN
 RESONATORS
 TRANSMISSION LINES

DELTA DAGGER AIRCRAFT

USE F-102 AIRCRAFT

DELTA DART AIRCRAFT

USE F-106 AIRCRAFT

DELTA FUNCTION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DELTA FUNCTION
 FUNCTIONS (MATHEMATICS)
 . DELTA FUNCTION

DELTA LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . DELTA LAUNCH VEHICLE
 RT ANIK SATELLITES
 ANIK 1
 ANIK 2
 BEACON EXPLORER A
 ESSA 1 SATELLITE
 ESSA 2 SATELLITE
 ESSA 3 SATELLITE
 ESSA 4 SATELLITE
 ESSA 5 SATELLITE
 ESSA 6 SATELLITE
 ESSA 7 SATELLITE
 ESSA 8 SATELLITE
 ESSA 9 SATELLITE
 EXPLORER 10 SATELLITE
 EXPLORER 12 SATELLITE
 EXPLORER 14 SATELLITE
 EXPLORER 15 SATELLITE
 EXPLORER 17 SATELLITE
 EXPLORER 18 SATELLITE
 EXPLORER 21 SATELLITE
 EXPLORER 26 SATELLITE
 EXPLORER 28 SATELLITE
 EXPLORER 29 SATELLITE
 EXPLORER 32 SATELLITE
 EXPLORER 33 SATELLITE
 EXPLORER 38 SATELLITE
 EXPLORER 43 SATELLITE
 EXPLORER 49 SATELLITE
 EXPLORER 55 SATELLITE
 INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 OSO-C
 OSO-1
 OSO-2
 OSO-4
 OUTER PLANETS EXPLORERS
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 RCA SATCOM SATELLITES
 SPACE SHUTTLE UPPER STAGE D
 SYNCOM 1 SATELLITE
 SYNCOM 2 SATELLITE
 SYNCOM 3 SATELLITE
 TIROS 2 SATELLITE
 TIROS 3 SATELLITE
 TIROS 4 SATELLITE
 TIROS 5 SATELLITE
 TIROS 6 SATELLITE
 TIROS 7 SATELLITE
 TIROS 8 SATELLITE
 TIROS 9 SATELLITE
 TIROS 10 SATELLITE

DELTA MODULATION

GS CODING
 . SIGNAL ENCODING
 . . PULSE MODULATION
 . . . PULSE CODE MODULATION
 DELTA MODULATION
 MODULATION
 . PULSE MODULATION
 . . PULSE CODE MODULATION
 . . . DELTA MODULATION
 RT PULSE COMMUNICATION

DELTA WINGS

UF TRIANGULAR WINGS
 GS AIRFOILS
 . WINGS
 . . LOW ASPECT RATIO WINGS
 . . . DELTA WINGS
 . . . SWEPT WINGS
 . . . SWEPTBACK WINGS
 DELTA WINGS
 PLANFORMS
 . WING PLANFORMS
 . . SWEPTBACK WINGS
 . . . DELTA WINGS
 RT ARROW WINGS
 AVRO 707 AIRCRAFT
 CARET WINGS
 FD 2 AIRCRAFT
 GA-5 AIRCRAFT
 VARIABLE SWEEP WINGS
 VATOL AIRCRAFT
 WAVERIDERS

DELTAS

GS LANDFORMS
 . DELTAS
 . . MISSISSIPPI DELTA (LA)
 . . RHONE DELTA (FRANCE)

DELTAS--(cont.)

RT ALLUVIUM
 FANS (LANDFORMS)
 RIVERS
 SANDS
 SOILS

DEMAGNETIZATION

RT MAGNETIC FIELDS
 ∞ REDUCTION

DEMAND (ECONOMICS)

GS ECONOMICS
 . DEMAND (ECONOMICS)
 RT CONSUMPTION
 SUPPLYING

DEMAND ASSIGNMENT MULTIPLE ACCESS

UF DAMA
 GS TELECOMMUNICATION
 . MULTIPLE ACCESS
 . . DEMAND ASSIGNMENT MULTIPLE
 ACCESS
 RT CHANNEL CAPACITY
 COMMUNICATION NETWORKS
 COMMUNICATION SATELLITES
 SATELLITE NETWORKS

DEMINERALIZING

GS DEMINERALIZING
 . BONE DEMINERALIZATION
 RT CRYSTALLIZATION
 DEIONIZATION
 DESALINIZATION
 DISTILLATION
 ION EXCHANGING
 OSMOSIS
 PURIFICATION
 REVERSE OSMOSIS
 ∞ SEPARATION
 SOFTENING
 WATER TREATMENT

DEMOCRATIC PEOPLES REPUBLIC OF KOREA

USE NORTH KOREA

DEMODULATION

RT AMPLITUDE MODULATION
 DECODING
 DEMODULATORS
 ∞ DETECTORS
 FREQUENCY MODULATION
 HETERODYNING
 INTERMODULATION
 MODULATION
 PHASE MODULATION
 PULSE MODULATION
 REMODULATION
 TELECOMMUNICATION

DEMODULATORS

GS DEMODULATORS
 . FREQUENCY COMPRESSION
 DEMODULATORS
 . MODEMS
 . PHASE DEMODULATORS
 . PHASE LOCK DEMODULATORS
 RT AMPLITUDE MODULATION
 DECODERS
 DECOMMUTATORS
 DEMODULATION
 FREQUENCY MODULATION
 MATCHED FILTERS
 MODULATION
 MODULATORS
 PHASE MODULATION
 PULSE MODULATION

DEMOGRAPHY

RT CENSUS
 COMMUNITIES
 ∞ DENSITY
 ∞ DISTRIBUTION
 HUMAN BEINGS
 INHABITANTS
 MEGALOPOLISES
 NATIONS
 SOCIOLOGY
 ∞ STATISTICS

DEMONSTRATION

USE PROVING

DEMULTIPLEXING

GS TRANSMISSION
 . **DEMULTIPLEXING**
 RT CODE DIVISION MULTIPLEXING
 FREQUENCY DIVISION MULTIPLEXING
 MULTIPLEXING
 TIME DIVISION MULTIPLEXING
 WAVELENGTH DIVISION MULTIPLEXING

DENATURATION (BIOPOLYMERS)

USE BIOPOLYMER DENATURATION

DENDRITIC CRYSTALS

GS CRYSTALS
 . **DENDRITIC CRYSTALS**
 RT ISOTROPY
 NEEDLES
 WHISKERS (CRYSTALS)

DENDRITIC DRAINAGE

USE DRAINAGE PATTERNS

DENDROCHRONOLOGY

UF TREE RING DATING
 RT CLIMATOLOGY
 GEOCHRONOLOGY
 PERIODIC VARIATIONS
 TIMBERLINE
 TREES (PLANTS)

DENITROGENATION

GS CHEMICAL REACTIONS
 . **DENITROGENATION**
 RT NITRATION

DENMARK

GS NATIONS
 . **DENMARK**
 RT DANISH SPACE PROGRAM
 EUROPE
 GREENLAND
 SCANDINAVIA

DENSE PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 **DENSE PLASMAS**
 PLASMA FOCUS
 STRONGLY COUPLED PLASMAS
 RT ASTROPHYSICS
 BETA FACTOR
 ELECTRON SCATTERING
 HIGH TEMPERATURE PLASMAS
 NUCLEAR FUSION
 PARTICLE COLLISIONS
 PLASMA COMPRESSION
 SPHEROMAKS
 STELLAR STRUCTURE

DENSIFICATION

GS PRESSURE
 . **DENSIFICATION**
 RT AGGLOMERATION
 CHEMICAL VAPOR INFILTRATION
 COMPACTING
 COMPRESSING
 CONSOLIDATION
 LUDOX (TRADEMARK)
 PRESSURIZING

DENSIMETERS

GS MEASURING INSTRUMENTS
 . **DENSIMETERS**
 ULTRASONIC DENSIMETERS
 RT DENSITY (MASS/VOLUME)
 DENSITY MEASUREMENT
 ∞ INSTRUMENTS
 ∞ MEASUREMENT

DENSITOMETERS

GS MEASURING INSTRUMENTS
 . **DENSITOMETERS**
 MICRODENSITOMETERS
 RT GAMMA RAY ABSORPTIOMETRY
 GRAVIMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASUREMENT
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETERS
 PHOTON ABSORPTIOMETRY
 TRANSMISSIOMETERS

DENSITY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 BIOMASS
 DEMOGRAPHY
 DENSITY (MASS/VOLUME)
 DENSITY (NUMBER/VOLUME)
 FLUX DENSITY
 OPTICAL DENSITY
 POROSITY
 RANKINE-HUGONIOT RELATION

DENSITY (MASS/VOLUME)

UF SPECIFIC GRAVITY
 GS **DENSITY (MASS/VOLUME)**
 ATMOSPHERIC DENSITY
 GAS DENSITY
 SPACE DENSITY
 RT ABSORPTANCE
 ABSORPTIVITY
 BULK MODULUS
 BUOYANCY
 COMPRESSIBILITY
 DEGENERATE MATTER
 DENSIMETERS
 ∞ DENSITY
 DENSITY MEASUREMENT
 HYDROMETERS
 INTERNAL FRICTION
 ISOPYCNIC PROCESSES
 LEWIS NUMBERS
 OPACITY
 PERMEABILITY
 ∞ PHYSICAL PROPERTIES
 POROSITY
 PYCNOMETERS
 STOPPING POWER
 TRANSMISSIVITY
 TRANSMITTANCE
 TRANSPARENCY
 ULTRASONIC DENSIMETERS
 VISCOSITY
 VOID RATIO
 WEIGHT MEASUREMENT

DENSITY (NUMBER/VOLUME)

GS **DENSITY (NUMBER/VOLUME)**
 METEOROID CONCENTRATION
 PACKING DENSITY
 PARTICLE DENSITY (CONCENTRATION)
 ELECTRON DENSITY
 (CONCENTRATION)
 CARRIER DENSITY (SOLID STATE)
 ELECTRON DENSITY PROFILES
 IONOSPHERIC ELECTRON DENSITY
 MAGNETOSPHERIC ELECTRON
 DENSITY
 ELECTRON DISTRIBUTION
 ELECTRON DENSITY PROFILES
 ION DENSITY (CONCENTRATION)
 IONOSPHERIC ION DENSITY
 MAGNETOSPHERIC ION DENSITY
 MAGNETOSPHERIC PROTON
 DENSITY
 PROTON DENSITY
 (CONCENTRATION)
 MAGNETOSPHERIC PROTON
 DENSITY
 PLASMA DENSITY
 SPACE DENSITY
 RT ATMOSPHERIC DENSITY
 ∞ DENSITY

DENSITY (RATE/AREA)

USE FLUX DENSITY

DENSITY DISTRIBUTION

RT BAROCLINIC WAVES
 FOKKER-PLANCK EQUATION
 MAXWELL-BOLTZMANN DENSITY
 FUNCTION
 SHOCK DISCONTINUITY
 TAYLOR INSTABILITY

DENSITY MEASUREMENT

GS **DENSITY MEASUREMENT**
 GAMMA RAY ABSORPTIOMETRY
 PHOTON ABSORPTIOMETRY
 X RAY DENSITY MEASUREMENT
 RT CHEMICAL ANALYSIS
 DENSIMETERS
 DENSITY (MASS/VOLUME)

DENSITY MEASUREMENT--(cont.)

HYDROMETERS
 ∞ MEASUREMENT
 MECHANICAL MEASUREMENT
 ULTRASONIC DENSIMETERS
 WIND TUNNEL TESTS

DENSITY WAVE MODEL

GS MODELS
 ASTRONOMICAL MODELS
 **DENSITY WAVE MODEL**
 RT GALACTIC STRUCTURE
 MASS DISTRIBUTION
 SPIRAL GALAXIES
 WAVE EQUATIONS

DENTAL CALCULI

GS DEPOSITS
 CALCULI
 **DENTAL CALCULI**
 RT LITHIASIS
 TEETH
 TOOTH DISEASES

DENTISTRY

GS MEDICAL SCIENCE
 **DENTISTRY**
 RT MEDICAL EQUIPMENT
 ORAL HYGIENE
 TEETH
 TOOTH DISEASES

DEOXIDIZING

GS CHEMICAL REACTIONS
 REDUCTION (CHEMISTRY)
 **DEOXIDIZING**
 RT DEGASSING
 ∞ DEOXIFICATION
 DEOXYGENATION
 SCAVENGING

DEOXIFICATION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT DEOXIDIZING
 DEOXYGENATION
 STERILIZATION EFFECTS

DEOXYGENATION

GS DEGASSING
 **DEOXYGENATION**
 RT DEOXIDIZING
 ∞ DEOXIFICATION
 ∞ REDUCTION
 ∞ SEPARATION

DEOXYRIBONUCLEIC ACID

UF DNA
 GS ACIDS
 NUCLEIC ACIDS
 **DEOXYRIBONUCLEIC ACID**
 BIOPOLYMERS
 NUCLEIC ACIDS
 **DEOXYRIBONUCLEIC ACID**
 ORGANIC COMPOUNDS
 NUCLEIC ACIDS
 **DEOXYRIBONUCLEIC ACID**
 RT GENE EXPRESSION
 GENES
 THYMIDINE
 THYMINE

DEPENDENCE

UF DEPENDENCY
 GS **DEPENDENCE**
 SPATIAL DEPENDENCIES
 TEMPERATURE DEPENDENCE
 TIME DEPENDENCE
 RT GROUP DYNAMICS
 SOCIOLOGY

DEPENDENCY

USE DEPENDENCE

DEPENDENT VARIABLES

GS ANALYSIS (MATHEMATICS)
 **DEPENDENT VARIABLES**
 RT COMPLEX VARIABLES
 INDEPENDENT VARIABLES
 OBSERVABILITY (SYSTEMS)
 PARAMETERIZATION
 REAL VARIABLES
 ∞ VARIABLE

DEPERSONALIZATION

RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
AUTOMATIC CONTROL
∞ AUTOMATION
CYBERNETICS
DETACHMENT
DISORDERS
MAN MACHINE SYSTEMS
MECHANIZATION
PERSONALITY
PERSONNEL

DEPLETION

GS **DEPLETION**
OZONE DEPLETION
RT CONSUMPTION
DEPRECIATION
DISSIPATION
ELIMINATION
ENERGY POLICY
EXHAUSTION
EXPLOITATION
LIFE (DURABILITY)
LOSSES
∞ REDUCTION
REMOVAL
RESOURCES
UTILIZATION

DEPLOYMENT

RT GAME THEORY
LOGISTICS
MILITARY OPERATIONS
MILITARY TECHNOLOGY
∞ OPERATIONS
PERSONNEL
STRATEGY
TACTICS

DEPOLARIZATION

SN (EXCLUDES CONSIDERATION OF
OPTICAL DEPOLARIZATION AND
PARTICLE SPIN DISALIGNMENT)
UF DEPOLARIZERS
RT ELECTROLYTIC POLARIZATION
ELECTROPHYSIOLOGY
POLARIZATION (CHARGE SEPARATION)
∞ REDUCTION
SPIKE POTENTIALS

DEPOLARIZERS

USE DEPOLARIZATION

DEPOLYMERIZATION

GS CHEMICAL REACTIONS
DEPOLYMERIZATION
RT DEGRADATION
DETERIORATION
POLYMERIZATION

DEPOSITION

UF ACCRETION
GS **DEPOSITION**
ANODIZING
ELECTRODEPOSITION
ELECTROPLATING
ELECTROLESS DEPOSITION
LASER DEPOSITION
PULSED LASER DEPOSITION
VAPOR DEPOSITION
METALORGANIC CHEMICAL VAPOR
DEPOSITION
VACUUM DEPOSITION
RT ACCUMULATIONS
COAGULATION
COATING
COATINGS
DEPOSITS
ELECTROFORMING
ELECTRON BOMBARDMENT
FORMING TECHNIQUES
FOULING
MAGNETRON SPUTTERING
METAL COATINGS
PLATING
PRECIPITATION (CHEMISTRY)
SEDIMENTS
∞ SEPARATION
SETTLING
SPUTTERING
THERMOPHORESIS

DEPOSITS

SN (EXCLUDES BANK MINERAL AND
GEOLOGICAL DEPOSITS)
GS **DEPOSITS**
CALCULI
DENTAL CALCULI
CRYODEPOSITS
RT COATINGS
CORROSION
CRUDE OIL
DEPOSITION
PLATING
SEDIMENTS
SLUDGE

DEPRECIATION

RT DEPLETION
DETERIORATION
INVESTMENTS
LIFE (DURABILITY)
WEAR

DEPRESSANTS

GS **DEPRESSANTS**
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
RT ANESTHESIOLOGY

DEPRESSION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DETACHMENT
DISORDERS
EMOTIONS
∞ HOLLOW
INTROVERSION
LETHARGY
LOW PRESSURE
NEUROTIC DEPRESSION
PSYCHOTIC DEPRESSION
RECESSION
SCHIZOPHRENIA
TECTONICS
TOPOGRAPHY

DEPRESSIONS (TOPOGRAPHY)

USE STRUCTURAL BASINS

DEPRESSURIZATION

USE PRESSURE REDUCTION

DEPRIVATION

GS **DEPRIVATION**
SENSORY DEPRIVATION
SLEEP DEPRIVATION
WATER DEPRIVATION
RT CONFINING
ISOLATION
STRESS (PHYSIOLOGY)

DEPTH

GS DIMENSIONS
DEPTH
RT DISTANCE
HEIGHT
THICKNESS

DEPTH MEASUREMENT

RT BATHYMETERS
CORE SAMPLING
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
∞ MEASUREMENT
MECHANICAL MEASUREMENT
SOUNDING

DEPTH PERCEPTION

USE SPACE PERCEPTION

DERIVATION

RT DEDUCTION
∞ INDUCTION
∞ ORIGINS
PARAMETERIZATION
∞ SOURCES

DERIVATION CALCULUS

USE DIFFERENTIAL CALCULUS

DERMATITIS

GS DISEASES
INFECTIOUS DISEASES
DERMATITIS

DERMATITIS--(cont.)

... CONTACT DERMATITIS
RT BACTERIAL DISEASES
DERMATOLOGY
FUNGAL DISEASES
ITCHING
RADIATION HAZARDS
RADIATION SICKNESS
SKIN (ANATOMY)

DERMATOLOGY

GS MEDICAL SCIENCE
DERMATOLOGY
RT CONTACT DERMATITIS
DERMATITIS
SKIN (ANATOMY)

DESALINIZATION

RT DEMINERALIZING
DISTILLATION
OSMOSIS
PURIFICATION
REVERSE OSMOSIS
SALINITY
VAPORIZING
WATER TREATMENT

DESATURATION

RT DRYING
∞ SATURATION

DESCALING

RT CHEMICAL CLEANING
CLEANING
METAL FINISHING
PICKLING (METALLURGY)
SCALE (CORROSION)
∞ SEPARATION
SHOT PEENING

DESCENT

GS **DESCENT**
PARACHUTE DESCENT
RT APPROACH
ASCENT
FLIGHT PATHS
GLIDING
REENTRY
UNCONTROLLED REENTRY
(SPACECRAFT)

DESCENT PROPULSION SYSTEMS

GS PROPULSION
DESCENT PROPULSION SYSTEMS
PROPULSION SYSTEM CONFIGURATIONS
DESCENT PROPULSION SYSTEMS
RT SPACECRAFT PROPULSION
SYSTEMS

DESCENT TRAJECTORIES

GS TRAJECTORIES
DESCENT TRAJECTORIES
REENTRY TRAJECTORIES
RT ASCENT TRAJECTORIES
ATMOSPHERIC ENTRY
BALLISTIC TRAJECTORIES
COASTING FLIGHT
FALLING
FLIGHT MECHANICS
MANNED REENTRY
MIDCOURSE TRAJECTORIES
MISSILE TRAJECTORIES
PARABOLIC FLIGHT
REENTRY
REENTRY GUIDANCE
SPACECRAFT TRAJECTORIES
TERMINAL GUIDANCE

DESCRIPTIONS

RT CHARACTERIZATION
DEFINITION
NOMENCLATURES
REPRESENTATIONS

DESCRIPTIVE GEOMETRY

GS GEOMETRY
EUCLIDEAN GEOMETRY
DESCRIPTIVE GEOMETRY
RT ANALYTIC GEOMETRY
ENGINEERING DRAWINGS
LAYOUTS
∞ PROJECTION
PROJECTIVE GEOMETRY
TORUSES

DESENSITIZING

RT CORROSION PREVENTION
PROTECTIVE COATINGS
RUSTING

DESERT ADAPTATION

GS ADAPTATION
. **DESERT ADAPTATION**
RT SURVIVAL

DESERTIFICATION

RT ARID LANDS
BARREN LAND
DEATH VALLEY (CA)
DESERTLINE
DESERTS
DROUGHT
EARTH ENVIRONMENT
GOBI DESERT
LAND
LAND USE
MAN ENVIRONMENT INTERACTIONS
MOJAVE DESERT (CA)
OASES
REMOTE SENSING
SAHARA DESERT (AFRICA)
STEPPES
WADIS

DESERTLINE

RT ARID LANDS
CLIMATOLOGY
DESERTIFICATION
LAND
TOPOGRAPHY

DESERTS

GS LAND
. **DESERTS**
. . GOBI DESERT
. . LIBYAN DESERT
. . MOJAVE DESERT (CA)
. . SAHARA DESERT (AFRICA)
RT ARID LANDS
BARREN LAND
CLIMATOLOGY
COACHELLA VALLEY (CA)
DEATH VALLEY (CA)
DESERTIFICATION
DUNES
EARTH RESOURCES
IMPERIAL VALLEY (CA)
KALAHARI BASIN (AFRICA)
OASES
PALO VERDE VALLEY (CA)
PLAYAS
REMOTE REGIONS
SALTON SEA (CA)
TOPOGRAPHY
WILDERNESS

DESICCANTS

RT ABSORBENTS
ADSORBENTS

DESICCATION

USE DRYING

DESICCATORS

GS SEPARATORS
. DRYING APPARATUS
. . **DESICCATORS**

DESIGN

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

UF TAILORING

RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT DESIGN
AMPLIFIER DESIGN
ANTENNA DESIGN
COMPUTER AIDED DESIGN
COMPUTER DESIGN
COMPUTER SYSTEMS DESIGN
CONSTRUCTION
CONTROL SYSTEMS DESIGN
DESIGN ANALYSIS
DESIGN TO COST
DIMENSIONS
DRAFTING MACHINES
ENGINE DESIGN
ENGINEERING DRAWINGS
EQUIPMENT SPECIFICATIONS
ESTIMATING

DESIGN--(cont.)

EXPERIMENT DESIGN
FACTORIAL DESIGN
FUNCTIONAL DESIGN SPECIFICATIONS
HELICOPTER DESIGN
IPAD
LAYOUTS
LENS DESIGN
LOGIC DESIGN
MISSILE DESIGN
NOZZLE DESIGN
OPTIMIZATION
PLANNING
PLANT DESIGN
PRESSURE VESSEL DESIGN
PRODUCT DEVELOPMENT
REACTOR DESIGN
RELIABILITY
RESEARCH
RESEARCH AND DEVELOPMENT
ROCKET ENGINE DESIGN
SATELLITE DESIGN
SPACECRAFT DESIGN
STRUCTURAL DESIGN
STRUCTURAL DESIGN CRITERIA
SYNTHESIS
SYSTEMS ENGINEERING

DESIGN ANALYSIS

RT ANALYZING
CONTROL SYSTEMS DESIGN
DESIGN
LOGIC DESIGN
MAINTAINABILITY
OPTIMIZATION
RELIABILITY
RELIABILITY ANALYSIS
REVERSE ENGINEERING
SAFETY FACTORS
VALUE ENGINEERING

DESIGN OF EXPERIMENTS

USE EXPERIMENT DESIGN

DESIGN TO COST

RT COST ANALYSIS
COSTS
DESIGN
LIFE CYCLE COSTS
PRODUCTION COSTS

DESORPTION

RT ABSORPTION
ADSORPTION
DEGASSING
EVOLUTION (LIBERATION)
OUTGASSING
PERMEATING
SEPARATION
SUBLIMATION

DESPINNING

USE SPIN REDUCTION

DESTABILIZATION

RT SPIN REDUCTION
TUMBLING MOTION

DESTROYER AIRCRAFT

USE B-66 AIRCRAFT

DESTRUCTION

RT ABORTED MISSIONS
ACCIDENTS
BREAKING
CRACKING (FRACTURING)
DAMAGE
DESTRUCTIVE TESTS
FAILURE
FATIGUE (MATERIALS)
FLIGHT HAZARDS
FLIGHT SAFETY
LETHALITY
SPACECRAFT BREAKUP
STRESSES

DESTRUCTIVE TESTS

GS **DESTRUCTIVE TESTS**
. BURST TESTS
RT BEND TESTS
COMPRESSION TESTS
CORROSION TESTS
DESTRUCTION
DROP TESTS

DESTRUCTIVE TESTS--(cont.)

FATIGUE TESTS
IMPACT TESTS
LOAD TESTS
MATERIALS TESTS
NONDESTRUCTIVE TESTS
TENSILE TESTS
TESTS
VIBRATION TESTS
WEAR TESTS

DESULFURIZING

GS CHEMICAL REACTIONS
. **DESULFURIZING**
RT FLUE GASES
REFINING
ROASTING

DESYNCHRONIZATION (BIOLOGY)

GS BIOLOGICAL EFFECTS
. **DESYNCHRONIZATION (BIOLOGY)**
DISORIENTATION
. **DESYNCHRONIZATION (BIOLOGY)**
PSYCHOLOGICAL EFFECTS
. **DESYNCHRONIZATION (BIOLOGY)**
RT JET LAG
PHYSIOLOGICAL RESPONSES
RHYTHM (BIOLOGY)

DESYNCHRONIZED SLEEP

USE RAPID EYE MOVEMENT STATE

DETACHMENT

RT ANXIETY
BOREDOM
DEPERSONALIZATION
DEPRESSION
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
HUMAN BEHAVIOR
INHIBITION
INTROVERSION
LETHARGY
PSYCHOLOGY
PSYCHOSES

DETECTION

UF SENSING
GS **DETECTION**
. AIRCRAFT DETECTION
. CHANGE DETECTION
. EDGE DETECTION
. FAULT DETECTION
. FOREST FIRE DETECTION
. HAZE DETECTION
. HIGH ALTITUDE NUCLEAR DETECTION
. MISSILE DETECTION
. RADAR DETECTION
. REMOTE SENSING
. SIGNAL DETECTION
. CORRELATION DETECTION
. TARGET RECOGNITION
. ULTRASONIC FLAW DETECTION
RT ACQUISITION
DATA ACQUISITION
DETECTORS
EARLY WARNING SYSTEMS
EXAMINATION
EXPLORATION
GAS DETECTORS
IDENTIFYING
INSPECTION
MARKING
MEASUREMENT
MISSILE SIGNATURES
OBSERVATION
POSITION (LOCATION)
RADAR SIGNATURES
SIGNATURE ANALYSIS
SIGNATURES
SOUND LOCALIZATION
SOUND RANGING
SPACE OBSERVATIONS (FROM EARTH)
SURVEILLANCE
TARGET ACQUISITION
TARGETS
TRACKING (POSITION)
WARNING
WARNING SYSTEMS

DETECTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

DETECTORS--(cont.)

RT AIRCRAFT DETECTION
ANALYZERS
AUTODYNES
CHARACTER RECOGNITION
CORRELATION DETECTION
DEMODULATION
DETECTION
DISPLAY DEVICES
FLIR DETECTORS
FOREST FIRE DETECTION
GAS DETECTORS
HAZARDS
HELMET MOUNTED DISPLAYS
INDICATING INSTRUMENTS
INFRARED DETECTORS
INSTRUMENT RECEIVERS
LASER TARGET DESIGNATORS
LIFE DETECTORS
MEASURING INSTRUMENTS
MINE DETECTORS
MONITORS
MULTISPECTRAL LINEAR ARRAYS
PHASE DETECTORS
RADIATION DETECTORS
RADIATION MEASURING INSTRUMENTS
READERS
RECEIVERS
REMOTE SENSORS
SAFETY
SIGNAL DETECTION
SIGNAL DETECTORS
SQUID (DETECTORS)
TELECOMMUNICATION
TRANSDUCERS
ULTRASONIC FLAW DETECTION
ULTRAVIOLET DETECTORS
VENTURI TUBES
WARNING
WARNING SYSTEMS

DETERGENTS

RT ETHYLENEDIAMINETETRAACETIC ACIDS
LUBRICATING OILS
SOAPS
SURFACTANTS

DETERIORATION

RT ATROPHY
BIODEGRADABILITY
BIODEGRADATION
CORROSION
DAMAGE
DECAY
DECOMPOSITION
DEGENERATION
DEGRADATION
DEPOLYMERIZATION
DEPRECIATION
DISINTEGRATION
DURABILITY
EROSION
EROSIVE BURNING
FAILURE
HOT CORROSION
RUSTING
SOIL EROSION
SYSTEM FAILURES
WEAR
WEAR RESISTANCE
WEATHERING

DETERMINANTS

GS ALGEBRA
.. DETERMINANTS
RT LINEAR EQUATIONS
MATRICES (MATHEMATICS)

DETERMINATION

USE MEASUREMENT

DETONABLE GAS MIXTURES

GS GASES
.. GAS MIXTURES
.. .. **DETONABLE GAS MIXTURES**
MIXTURES
.. SOLUTIONS
.. .. GAS MIXTURES
.. .. **DETONABLE GAS MIXTURES**
RT CHEMICAL EXPLOSIONS
FIRING (IGNITING)
FLAMMABILITY
FLAMMABLE GASES
GAS EXPLOSIONS
GAS-GAS INTERACTIONS

DETONABLE GAS MIXTURES--(cont.)

OXYACETYLENE
REACTING FLOW

DETONATION

UF CHAPMAN-JOUGET FLAME
RT CHEMICAL EXPLOSIONS
COMBUSTION
.. DISCHARGE
EXPLOSIONS
FIRING (IGNITING)
FLAME PROPAGATION
INITIATION
PERCUSSION
PRIMERS (EXPLOSIVES)
PROPELLANT EXPLOSIONS
ROCKET FIRING
SHOCK WAVES

DETONATION WAVES

GS ELASTIC WAVES
.. SHOCK WAVES
.. .. **DETONATION WAVES**
RT COMBUSTIBLE FLOW
FLAME PROPAGATION
GAS EXPLOSIONS
SEISMIC WAVES
SOUND WAVES
.. WAVES

DETONATORS

GS EXPLOSIVE DEVICES
.. INITIATORS (EXPLOSIVES)
.. .. **DETONATORS**
IGNITERS
.. INITIATORS (EXPLOSIVES)
.. .. **DETONATORS**
RT CAPS (EXPLOSIVES)
EXPLODING WIRES
EXPLOSIVES
FULMINATES
FUSES (ORDNANCE)
PRIMERS (EXPLOSIVES)
SODIUM AZIDES

DEUTERIDES

GS HYDROGEN COMPOUNDS
.. DEUTERIUM COMPOUNDS
.. .. **DEUTERIDES**
RT HYDRIDES

DEUTERIUM

UF HYDROGEN 2
GS CHEMICAL ELEMENTS
.. HYDROGEN
.. .. HYDROGEN ISOTOPES
.. .. **DEUTERIUM**
.. NUCLIDES
.. ISOTOPES
.. .. HYDROGEN ISOTOPES
.. .. **DEUTERIUM**
GASES
.. HYDROGEN
.. .. HYDROGEN ISOTOPES
.. .. **DEUTERIUM**
RT HEAVY WATER
HYDROGEN FUELS
HYDROGEN PLASMA
NUCLEAR FUELS

DEUTERIUM COMPOUNDS

GS HYDROGEN COMPOUNDS
.. **DEUTERIUM COMPOUNDS**
.. DEUTERIDES
.. DEUTERIUM FLUORIDES
.. HEAVY WATER
RT .. CHEMICAL COMPOUNDS

DEUTERIUM FLUORIDE LASERS

USE DF LASERS

DEUTERIUM FLUORIDES

UF DF
GS HALOGEN COMPOUNDS
.. FLUORINE COMPOUNDS
.. FLUORIDES
.. .. **DEUTERIUM FLUORIDES**
HYDROGEN COMPOUNDS
.. DEUTERIUM COMPOUNDS
.. .. **DEUTERIUM FLUORIDES**
RT DF LASERS

DEUTERIUM OXIDES

USE HEAVY WATER

DEUTERIUM PLASMA

GS PARTICLES
.. CHARGED PARTICLES
.. .. ENERGETIC PARTICLES
.. .. PLASMAS (PHYSICS)
.. HYDROGEN PLASMA
.. **DEUTERIUM PLASMA**
RT DEUTERONS
HYDROGEN

DEUTERON IRRADIATION

GS IRRADIATION
.. ION IRRADIATION
.. .. **DEUTERON IRRADIATION**
RT ALPHA PARTICLES
CHARGED PARTICLES
NUCLEAR FUSION
PARTICLES
PLASMAS (PHYSICS)
PROTON IRRADIATION

DEUTERONS

GS IONS
.. **DEUTERONS**
PARTICLES
.. ELEMENTARY PARTICLES
.. .. **DEUTERONS**
RT ALPHA PARTICLES
COSMIC RAYS
DEUTERIUM PLASMA
PHOTOMAGNETIC EFFECTS
PLASMAS (PHYSICS)
POMERANCHUK THEOREM
PROTONS

DEVELOPERS (PHOTOGRAPHY)

USE PHOTOGRAPHY DEVELOPERS

DEVELOPING NATIONS

RT CARIBBEAN REGION
ECONOMIC DEVELOPMENT
ECONOMIC FACTORS
NATIONS
UNITED NATIONS

DEVELOPMENT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ENERGY POLICY
EVOLUTION (DEVELOPMENT)
EXPLOITATION
GROWTH
LAND USE
MANAGEMENT PLANNING
MISSILE DESIGN
PERSONNEL DEVELOPMENT
PHOTOGRAPHIC DEVELOPERS
PRODUCT DEVELOPMENT
RURAL LAND USE
STARSITE PROGRAM
TRAINING ANALYSIS
URBAN DEVELOPMENT

DEVIATION

RT ABERRATION
ABNORMALITIES
ASYMMETRY
.. DISPERSION
DISTORTION
DIVERGENCE
.. DRIFT
ECCENTRICITY
HETEROGENEITY
IRREGULARITIES
NONSYNCHRONIZATION
VARIATIONS

DEVICES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR BAG RESTRAINT DEVICES
ALPHA PLASMA DEVICES
ANTISKID DEVICES
BULK ACOUSTIC WAVE DEVICES
CHIPS (MEMORY DEVICES)
CYCLOTRON RESONANCE DEVICES
ERROR CORRECTING DEVICES
EXPLOSIVE DEVICES
LIFT DEVICES
LIFTING BODIES
MECHANICAL DEVICES
NDM SEMICONDUCTOR DEVICES
NUCLEAR DEVICES

DEVICES--(cont.)

PHOTOELECTROCHEMICAL DEVICES
 PLASMA DISPLAY DEVICES
 POSITIONING DEVICES (MACHINERY)
 SAFETY DEVICES
 SELF ERECTING DEVICES
 SELF REPAIRING DEVICES
 SOLID STATE DEVICES
 SURFACE ACOUSTIC WAVE DEVICES
 TRAINING DEVICES
 TRAPATT DEVICES

DEVITRIFICATION

USE CRYSTALLIZATION

DEW

RT ACID RAIN
 FROST
 PRECIPITATION (METEOROLOGY)
 WATER VAPOR

DEW POINT

RT ATMOSPHERIC MOISTURE
 CONDENSING
 HYGROMETERS
 SATURATION (CHEMISTRY)

DEWAR SYSTEMS

USE CRYOGENIC EQUIPMENT

DEWATERING

RT DEHYDRATION
 DRYING
 POLLUTION CONTROL
 WASTE DISPOSAL
 WATER RECLAMATION

DEWAXING

RT DECONTAMINATION
 REFINING

DEWETTING

USE DRYING

DEXTRANS

GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . POLYSACCHARIDES
 . . . DEXTRANS
 . . . SUGARS
 . . . DEXTRANS

DF

USE DEUTERIUM FLUORIDES

DF LASERS

UF DEUTERIUM FLUORIDE LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . DF LASERS
 RT DEUTERIUM FLUORIDES

DFA

USE DELAYED FLAP APPROACH

DH 106 AIRCRAFT

USE COMET 4 AIRCRAFT

DH 112 AIRCRAFT

UF DE HAVILLAND DH 112 AIRCRAFT
 DE HAVILLAND VENOM AIRCRAFT
 VENOM AIRCRAFT
 GS ATTACK AIRCRAFT
 . DH 112 AIRCRAFT
 DE HAVILLAND AIRCRAFT
 . DH 112 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 . DH 112 AIRCRAFT
 JET AIRCRAFT
 . DH 112 AIRCRAFT
 MONOPLANES
 . DH 112 AIRCRAFT
 RT ∞ AIRCRAFT

DH 115 AIRCRAFT

UF DE HAVILLAND DH 115 AIRCRAFT
 VAMPIRE AIRCRAFT
 GS ATTACK AIRCRAFT
 . DH 115 AIRCRAFT
 DE HAVILLAND AIRCRAFT
 . DH 115 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 . DH 115 AIRCRAFT

DH 115 AIRCRAFT--(cont.)

JET AIRCRAFT
 . DH 115 AIRCRAFT
 MONOPLANES
 . DH 115 AIRCRAFT
 TRAINING AIRCRAFT
 . DH 115 AIRCRAFT
 RT ∞ AIRCRAFT

DH 121 AIRCRAFT

UF DE HAVILLAND DH 121 AIRCRAFT
 TRIDENT AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . DH 121 AIRCRAFT
 DE HAVILLAND AIRCRAFT
 . DH 121 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 . DH 121 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . DH 121 AIRCRAFT
 MONOPLANES
 . DH 121 AIRCRAFT
 PASSENGER AIRCRAFT
 . DH 121 AIRCRAFT
 TRANSPORT AIRCRAFT
 . DH 121 AIRCRAFT
 RT ∞ AIRCRAFT

DH 125 AIRCRAFT

UF DE HAVILLAND DH 125 AIRCRAFT
 HS-125 AIRCRAFT
 JET DRAGON AIRCRAFT
 GS DE HAVILLAND AIRCRAFT
 . DH 125 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 . DH 125 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 . DH 125 AIRCRAFT
 JET AIRCRAFT
 . DH 125 AIRCRAFT
 LIGHT AIRCRAFT
 . DH 125 AIRCRAFT
 MONOPLANES
 . DH 125 AIRCRAFT
 PASSENGER AIRCRAFT
 . DH 125 AIRCRAFT
 TRANSPORT AIRCRAFT
 . DH 125 AIRCRAFT
 RT ∞ AIRCRAFT

DHC BEAVER AIRCRAFT

USE DHC 2 AIRCRAFT

DHC 2 AIRCRAFT

UF DHC BEAVER AIRCRAFT
 GS DE HAVILLAND AIRCRAFT
 . DHC 2 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 . DHC 2 AIRCRAFT
 JET AIRCRAFT
 . DHC 2 AIRCRAFT
 MONOPLANES
 . DHC 2 AIRCRAFT
 TRANSPORT AIRCRAFT
 . DHC 2 AIRCRAFT
 RT ∞ AIRCRAFT

DHC 4 AIRCRAFT

UF AC-1 AIRCRAFT
 CARIBOU AIRCRAFT
 CV-2 AIRCRAFT
 DE HAVILLAND DHC 4 AIRCRAFT
 GS DE HAVILLAND AIRCRAFT
 . DHC 4 AIRCRAFT
 MONOPLANES
 . DHC 4 AIRCRAFT
 TRANSPORT AIRCRAFT
 . DHC 4 AIRCRAFT
 UTILITY AIRCRAFT
 . DHC 4 AIRCRAFT
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . DHC 4 AIRCRAFT
 RT ∞ AIRCRAFT

DHC 5 AIRCRAFT

UF BUFFALO AIRCRAFT
 CV-7 AIRCRAFT
 DE HAVILLAND DHC 5 AIRCRAFT
 GS DE HAVILLAND AIRCRAFT
 . DHC 5 AIRCRAFT
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . DHC 5 AIRCRAFT

DHC 5 AIRCRAFT--(cont.)

MONOPLANES
 . DHC 5 AIRCRAFT
 TRANSPORT AIRCRAFT
 . DHC 5 AIRCRAFT
 UTILITY AIRCRAFT
 . DHC 5 AIRCRAFT
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . DHC 5 AIRCRAFT
 RT ∞ AIRCRAFT

DIABETES MELLITUS

GS DISEASES
 . DIABETES MELLITUS
 RT CARBOHYDRATE METABOLISM
 ENZYME ACTIVITY
 INSULIN
 PANCREAS
 URINALYSIS

DIADEME SATELLITES

GS ARTIFICIAL SATELLITES
 . DIADEME SATELLITES

DIAGNOSIS

RT ∞ ANALYZING
 ANESTHESIOLOGY
 BEHAVIOR
 CLINICAL MEDICINE
 DISEASES
 EXAMINATION
 INJURIES
 MEDICAL EQUIPMENT
 MEDICAL SCIENCE
 PATHOLOGY
 PROGNOSIS
 PSYCHOLOGY
 PSYCHOMETRICS
 VETERINARY MEDICINE

DIAGRAMS

GS DIAGRAMS
 . BENDING DIAGRAMS
 . BLOCK DIAGRAMS
 . CIRCUIT DIAGRAMS
 . COLOR-COLOR DIAGRAM
 . COLOR-MAGNITUDE DIAGRAM
 . CREEP DIAGRAMS
 . FEYNMAN DIAGRAMS
 . HERTZSPRUNG-RUSSELL DIAGRAM
 . MOLLIER DIAGRAM
 . NYQUIST DIAGRAM
 . PHASE DIAGRAMS
 . S-N DIAGRAMS
 . STRESS-STRAIN DIAGRAMS
 . TEPHIGRAMS
 . VENN DIAGRAMS
 RT CHARTS
 DRAWINGS
 GEOMETRY
 GRAPHIC ARTS
 VISUAL AIDS

DIAL (LIDAR)

USE DIFFERENTIAL ABSORPTION LIDAR

DIAL SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . DIAL SATELLITE
 RT AERONOMY
 ASTRONOMICAL PHOTOMETRY
 EUROPEAN SPACE PROGRAMS
 SATELLITE-BORNE INSTRUMENTS

DIALYL COMPOUNDS

RT ALLYL COMPOUNDS
 ∞ CHEMICAL COMPOUNDS

DIALS

UF POINTERS
 RT DISPLAY DEVICES
 INDICATING INSTRUMENTS

DIALYSIS

GS DIALYSIS
 . ELECTRODIALYSIS
 RT DIAPHRAGMS (MECHANICS)
 DIFFUSION
 EXTRACTION
 PERMEATING
 ∞ SEPARATION

DIAMAGNETISM

UF MEISSNER EFFECT
 GS MAGNETIC PROPERTIES
 . **DIAMAGNETISM**
 RT CURIE TEMPERATURE
 CYCLOTRON RESONANCE
 ELECTRICAL PROPERTIES
 FERROMAGNETISM
 PARAMAGNETISM

DIAMANT LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . **DIAMANT LAUNCH VEHICLE**
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **DIAMANT LAUNCH VEHICLE**
 RT LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES

DIAMETERS

GS DIMENSIONS
 . **DIAMETERS**
 RT CIRCUMFERENCES
 GEOMETRY
 RADII
 THICKNESS

DIAMINES

GS AMINES
 . **DIAMINES**
 . . ETHYLENEDIAMINE
 . . GUANIDINES
 . . . GUANETHIDINE
 . . . TRIAMINOGUANIDINIUM AZIDE

DIAMOND FILMS

GS THIN FILMS
 . **DIAMOND FILMS**
 RT AMORPHOUS SILICON
 COATINGS
 DIAMONDS
 METAL FILMS
 SEMICONDUCTING FILMS
 SPACE PROCESSING
 VACUUM DEPOSITION
 VAPOR DEPOSITION

DIAMOND WINGS

USE LOW ASPECT RATIO WINGS
 SWEEP WINGS

DIAMONDS

GS **DIAMONDS**
 . METEORITIC DIAMONDS
 RT ABRASIVES
 CARBON
 DIAMOND FILMS
 SINGLE CRYSTALS

DIAPHRAGM (ANATOMY)

GS ANATOMY
 . RESPIRATORY SYSTEM
 . . **DIAPHRAGM (ANATOMY)**
 RT ∞ DIAPHRAGMS
 THORAX

∞ DIAPHRAGMS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DIAPHRAGM (ANATOMY)
 DIAPHRAGMS (MECHANICS)
 ELECTROLYTIC CELLS
 MEMBRANES

DIAPHRAGMS (MECHANICS)

SN (NON-ANATOMICAL)
 UF BLADDERS (MECHANICS)
 GS **DIAPHRAGMS (MECHANICS)**
 . EXPULSION BLADDERS
 RT CATHOLYTES
 DIALYSIS
 ∞ DIAPHRAGMS
 ELECTROLYTIC CELLS
 MEMBRANE STRUCTURES
 MEMBRANES
 OPTICAL FILTERS
 OSMOSIS
 THIN PLATES
 THIN WALLS
 WEBS (SHEETS)
 WEBS (SUPPORTS)

DIASTOLE

GS HEART FUNCTION
 . **DIASTOLE**
 RT BLOOD CIRCULATION
 BLOOD FLOW
 BLOOD PRESSURE
 CARDIOVASCULAR SYSTEM
 DIASTOLIC PRESSURE
 HEART
 HEART RATE
 SYSTOLE

DIASTOLIC PRESSURE

GS PRESSURE
 . BLOOD PRESSURE
 . . **DIASTOLIC PRESSURE**
 RT CARDIAC VENTRICLES
 DIASTOLE

DIATOMIC GASES

GS GASES
 . MOLECULAR GASES
 . . POLYATOMIC GASES
 . . . **DIATOMIC GASES**

DIATOMIC MOLECULES

GS MOLECULES
 . POLYATOMIC MOLECULES
 . . **DIATOMIC MOLECULES**
 RT LOW MOLECULAR WEIGHTS
 METHYLIDYNE
 MORSE POTENTIAL
 TRIATOMIC MOLECULES

DIATOMS (UNICELLULAR PLANTS)

USE ALGAE

DIBASIC COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
 MONOMERS

DIBORANE

GS BORON COMPOUNDS
 . **DIBORANE**
 HYDROGEN COMPOUNDS
 HYDRIDES
 . . **DIBORANE**

DIBROMIDES

GS HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . . BROMIDES
 . . . **DIBROMIDES**
 . HALIDES
 . . BROMIDES
 . . . **DIBROMIDES**

DIBUTYL COMPOUNDS

GS ALKYL COMPOUNDS
 . **DIBUTYL COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS
 TETRABUTYLS

DICARBOXYLIC ACIDS

GS ACIDS
 . CARBOXYLIC ACIDS
 . . **DICARBOXYLIC ACIDS**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **DICARBOXYLIC ACIDS**
 RT TEREPHTHALATE

DICHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . **DICHLORIDES**
 . HALIDES
 . . CHLORIDES
 . . . **DICHLORIDES**

DICHLORODIPHENYLTRICHLOROETHANE

USE DDT

DICHOTOMIES

GS CLASSIFICATIONS
 . HIERARCHIES
 . . **DICHOTOMIES**

DICHROISM

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **DICHROISM**
 RT COLOR

DICHROISM--(cont.)

ISOCHROMATICS
 LIGHT (VISIBLE RADIATION)
 PHOTOELASTICITY

DICHROMATES

USE CHROMATES

DICKE RADIOMETERS

UF DICKE TYPE RADIOMETERS
 GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 **DICKE RADIOMETERS**
 RT BOLOMETERS
 THERMOPILES

DICKE TYPE RADIOMETERS

USE DICKE RADIOMETERS

DICTIONARIES

UF GLOSSARIES
 RT CODING
 DECODING
 DEFINITION
 DOCUMENTS
 NOMENCLATURES
 SPACE GLOSSARIES
 TERMINOLOGY

DIDYMIUM

RT LANTHANUM
 NEODYMIUM
 OPTICAL FILTERS
 PRASEODYMIUM

DIELDRIN

GS POISONS
 . PESTICIDES
 . . INSECTICIDES
 . . . **DIELDRIN**

DIELECTRIC CONSTANT

USE PERMITTIVITY

DIELECTRIC MATERIALS

USE DIELECTRICS

DIELECTRIC PERMEABILITY

GS PERMEABILITY
 . **DIELECTRIC PERMEABILITY**
 RT MAGNETIC PERMEABILITY

DIELECTRIC POLARIZATION

GS POLARIZATION (CHARGE SEPARATION)
 . **DIELECTRIC POLARIZATION**
 RT DIELECTRICS
 ELECTRETS
 ELECTRIC FIELDS

DIELECTRIC PROPERTIES

GS ELECTRICAL PROPERTIES
 . **DIELECTRIC PROPERTIES**
 . . PERMITTIVITY
 RT ANTIFERROELECTRICITY
 CAPACITANCE
 FERROELECTRICITY
 ∞ PROPERTIES
 SOMMERFELD WAVES

DIELECTRICS

UF DIELECTRIC MATERIALS
 GS **DIELECTRICS**
 . LOSSLESS MATERIALS
 . RADOME MATERIALS
 RT BARIUM TITANATES
 CAPACITANCE SWITCHES
 CAPACITIVE FUEL GAGES
 CAPACITORS
 CERAMICS
 DIELECTRIC POLARIZATION
 ELECTRETS
 ELECTRIC CONDUCTORS
 ELECTRICAL INSULATION
 ELECTROMAGNETIC SURFACE WAVES
 FIELD MODE THEORY
 ∞ INSULATED STRUCTURES
 INSULATORS
 MAGNETOELECTRIC MEDIA
 SCREEN EFFECT
 SPARK GAPS
 SULFUR HEXAFLUORIDE

DIELECTRONIC SATELLITE LINES

USE RESONANCE LINES

DIELS-ALDER REACTIONS

GS CHEMICAL REACTIONS

. DIELS-ALDER REACTIONS

RT ORGANIC CHEMISTRY

DIENCEPHALON

GS ANATOMY

. NERVOUS SYSTEM

. CENTRAL NERVOUS SYSTEM

. BRAIN

. . . DIENCEPHALON

. HYPOTHALAMUS

. PINEAL GLAND

. THALAMUS

RT EMBRYOLOGY

DIENES

GS ORGANIC COMPOUNDS

. HYDROCARBONS

. ALIPHATIC HYDROCARBONS

. . . DIENES

. . . . BUTADIENE

. . . . HEPTADIENE

. . . . HEXADIENE

. . . . POLYBUTADIENE

DIES

RT

CASTING

COINING

CUTTERS

EXTRUDING

INJECTION MOLDING

MACHINE TOOLS

MOLDS

PULTRUSION

PUNCHES

RHEOCASTING

STAMPING

DIESEL ENGINES

GS

ENGINES

. INTERNAL COMBUSTION ENGINES

. . DIESEL ENGINES

. PISTON ENGINES

. . DIESEL ENGINES

RT

LOCOMOTIVES

DIESEL FUELS

GS

FUELS

. CHEMICAL FUELS

. . HYDROCARBON FUELS

. . . DIESEL FUELS

. . LIQUID FUELS

. . . DIESEL FUELS

PRODUCTS

. PETROLEUM PRODUCTS

. . DIESEL FUELS

RT

AUTOMOBILE FUELS

GASOLINE

INTERNAL COMBUSTION ENGINES

KEROSENE

DIETHYL COMPOUNDS

GS

ORGANIC COMPOUNDS

. DIETHYL COMPOUNDS

. . DIETHYL ETHER

. . DIETHYL HYDROGEN PHOSPHITE

(DEHP)

RT

ETHYL COMPOUNDS

TRIETHYL COMPOUNDS

DIETHYL ETHER

GS

ETHERS

. DIETHYL ETHER

ORGANIC COMPOUNDS

. DIETHYL COMPOUNDS

. . DIETHYL ETHER

DIETHYL HYDROGEN PHOSPHITE (DEHP)

UF

DEHP

GS

ORGANIC COMPOUNDS

. DIETHYL COMPOUNDS

. . DIETHYL HYDROGEN PHOSPHITE

(DEHP)

PHOSPHORUS COMPOUNDS

. DIETHYL HYDROGEN PHOSPHITE

(DEHP)

RT

ETHYL COMPOUNDS

DIETS

RT

CALORIC REQUIREMENTS

DIETS--(cont.)

FASTING

∞ FOOD

NUTRITION

SPACE FLIGHT FEEDING

DIFFERENCE EQUATIONS

GS ANALYSIS (MATHEMATICS)

. NUMERICAL ANALYSIS

. . DIFFERENCE EQUATIONS

RT

APPROXIMATION

DIFFERENCES

DIFFERENTIAL EQUATIONS

∞ EQUATIONS

FINITE DIFFERENCE THEORY

LINEAR EVOLUTION EQUATIONS

NONLINEAR EVOLUTION EQUATIONS

NUMERICAL STABILITY

DIFFERENCES

RT

DIFFERENCE EQUATIONS

DIVERGENCE

FINITE DIFFERENCE THEORY

GRADIENTS

VARIATIONS

DIFFERENTIAL ABSORPTION LIDAR

UF

DIAL (LIDAR)

GS

RADAR

. OPTICAL RADAR

. . DIFFERENTIAL ABSORPTION LIDAR

RT

ABSORPTION SPECTRA

ATMOSPHERIC SOUNDING

BACKSCATTERING

RADAR MEASUREMENT

REMOTE SENSING

DIFFERENTIAL ALGEBRA

USE

DIFFERENTIAL CALCULUS

MATRICES (MATHEMATICS)

DIFFERENTIAL AMPLIFIERS

GS

AMPLIFIERS

. DIFFERENTIAL AMPLIFIERS

RT

ANALOG COMPUTERS

ERROR SIGNALS

OPERATIONAL AMPLIFIERS

TRANSISTOR AMPLIFIERS

DIFFERENTIAL ANALYZERS

RT

ALGORITHMS

ANALOG COMPUTERS

COMPUTERIZED SIMULATION

DIFFERENTIAL EQUATIONS

DIGITAL COMPUTERS

DIGITAL INTEGRATORS

DIFFERENTIAL CALCULUS

UF

DERIVATION CALCULUS

DIFFERENTIAL ALGEBRA

GS

ANALYSIS (MATHEMATICS)

. CALCULUS

. . DIFFERENTIAL CALCULUS

RT

∞ DIFFERENTIATION

DIFFERENTIATORS

INTEGRAL CALCULUS

LIMITS (MATHEMATICS)

MINIMA

NUMERICAL DIFFERENTIATION

OPTIMIZATION

REAL VARIABLES

DIFFERENTIAL EQUATIONS

UF

DIFFERENTIAL OPERATORS

INTEGRODIFFERENTIAL EQUATIONS

GS

ANALYSIS (MATHEMATICS)

. REAL VARIABLES

. . DIFFERENTIAL EQUATIONS

. . . BLASIUS EQUATION

. . . CHANDRASEKHAR EQUATION

. . . COSINE SERIES

. . . DUFFING DIFFERENTIAL EQUATION

. . . FALKNER-SKAN EQUATION

. . . HYPERBOLIC DIFFERENTIAL

EQUATIONS

. . . LAME WAVE EQUATIONS

. . . PARTIAL DIFFERENTIAL EQUATIONS

. . . BIHARMONIC EQUATIONS

. . . BURGER EQUATION

. . . CAUCHY-RIEMANN EQUATIONS

. . . ELLIPTIC DIFFERENTIAL

EQUATIONS

. MONGE-AMPERE EQUATION

. . . . EULER-CAUCHY EQUATIONS

. . . . FOKKER-PLANCK EQUATION

DIFFERENTIAL EQUATIONS--(cont.)

. . . . GAUSS EQUATION

. . . . HELMHOLTZ VORTICITY EQUATION

. . . . LIOUVILLE EQUATIONS

. . . . PARABOLIC DIFFERENTIAL

EQUATIONS

. . . . POISSON EQUATION

. . . . VLASOV EQUATIONS

. . . . RICCATI EQUATION

. . . . VORTICITY EQUATIONS

. . . . HELMHOLTZ VORTICITY EQUATION

RT

AIRY FUNCTION

ALTERNATING DIRECTION IMPLICIT

METHODS

ASYMPTOTIC PROPERTIES

BACKWARD DIFFERENCING

BESSEL FUNCTIONS

BETHE-SALPETER EQUATION

BOND GRAPHS

BOUNDARY LAYER EQUATIONS

BOUNDARY VALUE PROBLEMS

CALCULUS

CALCULUS OF VARIATIONS

CAUCHY PROBLEM

CRANK-NICHOLSON METHOD

DIFFERENCE EQUATIONS

DIFFERENTIAL ANALYZERS

DIRICHLET PROBLEM

DISTRIBUTED PARAMETER SYSTEMS

∞ EQUATIONS

FLOQUET THEOREM

FOURIER ANALYSIS

FOURIER-BESSEL TRANSFORMATIONS

FUNCTIONAL INTEGRATION

GREEN'S FUNCTIONS

HALF PLANES

HANKEL FUNCTIONS

HILL DETERMINANT

INTEGRAL EQUATIONS

INTEGRALS

LAGRANGE MULTIPLIERS

LAME FUNCTIONS

LAPLACE TRANSFORMATION

LIAPUNOV FUNCTIONS

LINEAR EQUATIONS

LINEARITY

LIPSCHITZ CONDITION

MATHIEU FUNCTION

MAXIMUM PRINCIPLE

MILNE METHOD

NEUMANN PROBLEM

NONLINEAR EQUATIONS

NONLINEARITY

NUMERICAL ANALYSIS

NUMERICAL DIFFERENTIATION

NUMERICAL INTEGRATION

NUMERICAL STABILITY

OPERATIONAL CALCULUS

PFAFF EQUATION

POTENTIAL THEORY

PREDICTOR-CORRECTOR METHODS

RIEMANN WAVES

RIESZ THEOREM

SCHAUDER FIXPOINT THEOREM

SCHMIDT METHOD

SPECTRAL METHODS

STABILITY DERIVATIVES

STURM-LIOUVILLE THEORY

VECTOR ANALYSIS

WHITTAKER FUNCTIONS

DIFFERENTIAL GEOMETRY

UF

NONEUCLIDIAN GEOMETRY

GS

GEOMETRY

. DIFFERENTIAL GEOMETRY

. . LIE GROUPS

. . . SPINOR GROUPS

. . RIEMANN MANIFOLD

. . TENSOR ANALYSIS

RT

ANALYTIC GEOMETRY

∞ ANALYZING

CURVATURE

CURVES (GEOMETRY)

INVARIANT IMBEDDINGS

LOFTING

RELATIVITY

DIFFERENTIAL INTERFEROMETRY

GS

INTERFEROMETRY

. DIFFERENTIAL INTERFEROMETRY

RT

FLOW VISUALIZATION

HOLOGRAPHY

SCHLIEREN PHOTOGRAPHY

DIFFERENTIAL OPERATORS

USE DIFFERENTIAL EQUATIONS
OPERATORS (MATHEMATICS)

DIFFERENTIAL PRESSURE

GS PRESSURE
 . DIFFERENTIAL PRESSURE
RT PRESSURE DISTRIBUTION
PRESSURE GRADIENTS
PRESSURE MEASUREMENT

DIFFERENTIAL PULSE CODE MODULATION

UF DPCM (MODULATION)
GS CODING
 . SIGNAL ENCODING
 . PULSE MODULATION
 . PULSE CODE MODULATION
 . . . DIFFERENTIAL PULSE CODE
 MODULATION
MODULATION
 . PULSE MODULATION
 . . PULSE CODE MODULATION
 . . . DIFFERENTIAL PULSE CODE
 MODULATION
RT BITERNARY CODE
DECOMMUTATORS
LINEAR PREDICTION
P.A.C.M. TELEMETRY
PCM TELEMETRY
PULSE COMMUNICATION
PULSE FREQUENCY MODULATION
TELEMETRY
UNIFIED S BAND

DIFFERENTIAL THERMAL ANALYSIS

USE THERMAL ANALYSIS

∞ DIFFERENTIATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT TERMS
LISTED BELOW)*
RT ANATOMY
CYTOGENESIS
DIFFERENTIAL CALCULUS
DIFFERENTIATION (BIOLOGY)
DISCRIMINATION

DIFFERENTIATION (BIOLOGY)

GS CYTOGENESIS
 . DIFFERENTIATION (BIOLOGY)
RT ANATOMY
 ∞ BIOLOGY
 ∞ DIFFERENTIATION
 EMBRYOLOGY
 MORPHOLOGY
 PHYSIOLOGY

DIFFERENTIATORS

RT CIRCUITS
DIFFERENTIAL CALCULUS
INTEGRATORS
 ∞ NETWORKS

DIFFRACTION

UF INTERFERENCE MONOCHROMATIZATION
KIRCHHOFF-HUYGENS PRINCIPLE
GS **DIFFRACTION**
 . ELECTRON DIFFRACTION
 . FRESNEL DIFFRACTION
 . NEUTRON DIFFRACTION
 . PULSE DIFFRACTION
 . WAVE DIFFRACTION
 . X RAY DIFFRACTION
RT ATMOSPHERIC SCATTERING
ATTENUATION
BRAGG ANGLE
CAUSTICS (OPTICS)
CRYSTAL OPTICS
DEBYE-SCHERRER METHOD
DEFLECTION
DIFFRACTOMETERS
ECHELLETTE GRATINGS
ECHELLE GRATINGS
ELECTROMAGNETIC RADIATION
GEOMETRICAL THEORY OF
 DIFFRACTION
HUYGENS PRINCIPLE
ISOCROMATICS
LAUE METHOD
MOIRE EFFECTS
MOSAICS
OPTICAL PROPERTIES
RAY TRACING
REFRACTION
TRANSMISSION

DIFFRACTION--(cont.)

WAVE DISPERSION
WAVE PROPAGATION

DIFFRACTION GRATINGS

USE GRATINGS (SPECTRA)

DIFFRACTION LIMITED CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . DIFFRACTION LIMITED CAMERAS
PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . DIFFRACTION LIMITED CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SPACEBORNE TELESCOPES

DIFFRACTION PATHS

RT BRAGG ANGLE
ELECTRON TRAJECTORIES
MULTIPATH TRANSMISSION
OPTICAL PATHS
 ∞ PATHS
 SPHERICAL WAVES

DIFFRACTION PATTERNS

UF FRINGE PATTERNS
GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . DIFFRACTION PATTERNS
 . . . KOSSEL PATTERN
 . . . RAINBOWS
RT DIFFRACTOMETERS
FRESNEL INTEGRALS
FRESNEL REGION
FRINGE MULTIPLICATION
GEOMETRICAL THEORY OF
 DIFFRACTION
HOLOGRAPHIC INTERFEROMETRY
INTERFEROMETRY
MOIRE FRINGES
MOIRE INTERFEROMETRY
NULL ZONES
 ∞ OPTICS
 ∞ PATTERNS
 PHASE CONTRAST
 POMERANCHUK THEOREM
 SIGNAL FADING
 SPECKLE HOLOGRAPHY
 SPECKLE INTERFEROMETRY
 SPECKLE PATTERNS
 UNDERWATER OPTICS
 VERY LONG BASE INTERFEROMETRY

DIFFRACTION PROPAGATION

GS TRANSMISSION
 . WAVE PROPAGATION
 . . DIFFRACTION PROPAGATION
RT DIFFRACTION RADIATION
GEOMETRICAL OPTICS
 ∞ OPTICS
 ∞ PROPAGATION
 SPHERICAL WAVES
 UNDERWATER OPTICS

DIFFRACTION RADIATION

GS ELECTROMAGNETIC RADIATION
 . DIFFRACTION RADIATION
RT BREMSSTRAHLUNG
CYCLOTRON RESONANCE DEVICES
DIFFRACTION PROPAGATION
ELECTRON BEAMS
ELECTRON DIFFRACTION
FREE ELECTRON LASERS
GRATINGS (SPECTRA)
LASER OUTPUTS
LIGHT EMISSION
MASER OUTPUTS
MASERS
MICROWAVE EMISSION
MICROWAVE OSCILLATORS
MICROWAVE TUBES
MICROWAVES
NONUNIFORM MAGNETIC FIELDS
PARTICLE MOTION
RELATIVISTIC ELECTRON BEAMS
STIMULATED EMISSION DEVICES
TRANSFERRED ELECTRON DEVICES
TUNABLE LASERS
WAVE DIFFRACTION
WAVE EXCITATION
WIGGLER MAGNETS

DIFFRACTION TELESCOPES

USE SPECTROSCOPIC TELESCOPES

DIFFRACTOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . DIFFRACTOMETERS
OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . DIFFRACTOMETERS
RT CHEMICAL ANALYSIS
DIFFRACTION
DIFFRACTION PATTERNS
ETALONS
GONIOMETERS
INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
OPTICAL MEASUREMENT
PHOTOGONIOMETERS
SPECTROMETERS
WAVE FRONT RECONSTRUCTION

DIFFUSE RADIATION

UF LUNAR SCATTERING
RT HEAT TRANSFER
LIGHT SCATTERING
POINT SOURCES
 ∞ RADIATION
 SPECULAR REFLECTION

∞ DIFFUSERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF SHOCK DIFFUSERS
RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
ATTENUATORS
BAFFLES
BOUNDARY LAYER SEPARATION
CEILINGS (ARCHITECTURE)
CHOKES
CONICAL FLOW
DEFLECTORS
DIFFUSION
DIVERTERS
ENGINE INLETS
EXHAUST DIFFUSERS
HYPERSONIC INLETS
 ∞ ILLUMINATION
 INLET FLOW
 INLET NOZZLES
 LOUVERS
 MIXERS
 MUFFLERS
 ∞ NOZZLES
 POROUS WALLS
 PRESSURE RECOVERY
 SEPARATORS
 SPRAYERS
 SUPERSONIC DIFFUSERS
 VANELESS DIFFUSERS
 VENTILATORS

DIFFUSION

UF DIFFUSION EFFECT
PERFUSION
GS **DIFFUSION**
 . AMBIPOLAR DIFFUSION
 . ATMOSPHERIC DIFFUSION
 . GASEOUS DIFFUSION
 . . GASEOUS SELF-DIFFUSION
 . MAGNETIC DIFFUSION
 . MOLECULAR DIFFUSION
 . PARTICLE DIFFUSION
 . . ELECTRON DIFFUSION
 . . IONIC DIFFUSION
 . PLASMA DIFFUSION
 . SELF DIFFUSION (SOLID STATE)
 . SELF PROPAGATION
 . SPECIES DIFFUSION
 . SURFACE DIFFUSION
 . THERMAL DIFFUSION
 . TURBULENT DIFFUSION
RT ∞ ABSORPTION
ADSORPTION
AIR POLLUTION
ATMOSPHERIC SCATTERING
CHEMICAL ENGINEERING
CIRCULATION
CONVECTION-DIFFUSION EQUATION
DEHUMIDIFICATION
DIALYSIS
 ∞ DIFFUSERS
 DIFFUSION LENGTH

DIFFUSION--(cont.)

DIFFUSIVITY
DILUTION
DISPERSING
∞DISPERSION
DISSIPATION
DISSOLVING
DISTILLATION
DRYING
∞EFFECTS
EINSTEIN EQUATIONS
∞EQUILIBRIUM
EVAPORATION
EXTRACTION
FICKS EQUATION
GAS-METAL INTERACTIONS
KINETIC THEORY
MIXING
NONPOINT SOURCES
OSMOSIS
PENETRATION
PERCOLATION
PERMEABILITY
PERMEATING
∞PROPAGATION
RADIAL FLOW
REFLECTION
SCATTERING
SELF ABSORPTION
∞SEPARATION
SOUND PROPAGATION
SOUND WAVES
SPRAYING
SPREADING
SUBLIMATION
SURFACE PROPERTIES
THERMOPHORESIS
TRANSPORT PROPERTIES

DIFFUSION BONDING

USE DIFFUSION WELDING

DIFFUSION COEFFICIENT

GS COEFFICIENTS
 . DIFFUSION COEFFICIENT
 . . . SORET COEFFICIENT
TRANSPORT PROPERTIES
 . DIFFUSION COEFFICIENT
 . . . SORET COEFFICIENT
RT ATTENUATION COEFFICIENTS
CONVECTION-DIFFUSION EQUATION
∞EQUILIBRIUM
FICKS EQUATION
GASEOUS DIFFUSION
LEWIS NUMBERS
MASS FLOW RATE
MOLECULAR DIFFUSION
PARTICLE DIFFUSION

DIFFUSION EFFECT

USE DIFFUSION

DIFFUSION ELECTRODES

GS ELECTRODES
 . DIFFUSION ELECTRODES
RT ELECTROLYTIC CELLS
SEMICONDUCTOR DEVICES

DIFFUSION FLAMES

GS FLAMES
 . DIFFUSION FLAMES
RT BOUNDARY LAYER COMBUSTION
COMBUSTION
DAMKOLHER NUMBER

DIFFUSION LENGTH

GS DIMENSIONS
 . LENGTH
 . . . DIFFUSION LENGTH
DISTANCE
 . DIFFUSION LENGTH
RT CARRIER TRANSPORT (SOLID STATE)
DIFFUSION
ELECTRON DIFFUSION
MINORITY CARRIERS
PARTICLE DIFFUSION
SEMICONDUCTOR DEVICES
SOLAR CELLS

DIFFUSION PUMPS

GS PUMPS
 . DIFFUSION PUMPS
RT VACUUM APPARATUS
VACUUM PUMPS

DIFFUSION THEORY

RT EINSTEIN EQUATIONS
FOKKER-PLANCK EQUATION
JACOBI INTEGRAL
KINETIC THEORY
KIRKENDALL EFFECT
MONTE CARLO METHOD
∞THEORIES
TRANSPORT THEORY

DIFFUSION WAVES

RT ELASTIC WAVES
ELECTRON DIFFUSION
ELECTROSTATIC WAVES
IONIC DIFFUSION
KINETIC THEORY
MOLECULAR DIFFUSION
PLASMA DIFFUSION
PLASMA WAVES

DIFFUSION WELDING

UF DIFFUSION BONDING
GS WELDING
 . PRESSURE WELDING
 . . . DIFFUSION WELDING
RT BONDING
BURNERS
KIRKENDALL EFFECT
METAL BONDING
METAL-METAL BONDING

DIFFUSION-CONVECTION EQUATION

USE CONVECTION-DIFFUSION EQUATION

DIFFUSIVITY

RT DIFFUSION
FLUID MECHANICS
IMPEDANCE
KIRKENDALL EFFECT
MOBILITY
NDM SEMICONDUCTOR DEVICES
PERMEABILITY
∞PHYSICAL PROPERTIES
∞RESISTANCE
SOLUBILITY
THERMODYNAMIC PROPERTIES

DIFLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . . FLUORIDES
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSAPAR
 . HALIDES
 . . . FLUORIDES
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSAPAR

DIFLUORO COMPOUNDS

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . . FLUORO COMPOUNDS
 . . . DIFLUORO COMPOUNDS
 PERFLUOROALKANE
 POLYTETRAFLUOROETHYLENE
 TEFLON (TRADEMARK)
RT ∞CHEMICAL COMPOUNDS

DIFLUOROUREA

GS AMINES
 . DIFLUOROUREA
 . NITROGEN COMPOUNDS
 . . . AMIDES
 . . . UREAS
 . . . DIFLUOROUREA

DIGESTING

RT EATING
ENZYMOLGY
∞FOOD
LYSINE
MASTICATION
PHYSIOLOGY
SOFTENING

DIGESTIVE SYSTEM

GS ANATOMY
 . DIGESTIVE SYSTEM
 . . . ESOPHAGUS
 . . . GASTROINTESTINAL SYSTEM
 . . . APPENDIX (ANATOMY)
 . . . INTESTINES

DIGESTIVE SYSTEM--(cont.)

 . . . RECTUM
 . . . STOMACH
 . . . MOUTH
 . . . PANCREAS
 . . . SALIVARY GLANDS
 . . . TEETH
 . . . TONGUE
RT ABDOMEN
ENZYME ACTIVITY
ENZYMOLGY
GALL
ORGANS
SALIVA
∞SYSTEMS

DIGITAL CIRCUITS

USE DIGITAL ELECTRONICS
LOGIC CIRCUITS

DIGITAL COMMAND SYSTEMS

RT NUMERICAL CONTROL
REMOTE CONTROL
SERVOCONTROL
∞SYSTEMS

DIGITAL COMMUNICATION

USE PULSE COMMUNICATION

DIGITAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . . DIGITAL COMPUTERS
 . . . CDC CYBER 74 COMPUTER
 . . . CDC CYBER 170 SERIES
 COMPUTERS
 . . . CDC CYBER 174 COMPUTER
 . . . CDC CYBER 203 COMPUTER
 . . . CDC CYBER 205 COMPUTER
 . . . CDC STAR 100 COMPUTER
 . . . CDC 160-A COMPUTER
 . . . CDC 1604 COMPUTER
 . . . CDC 3100 COMPUTER
 . . . CDC 3200 COMPUTER
 . . . CDC 3600 COMPUTER
 . . . CDC 3800 COMPUTER
 . . . CDC 6000 SERIES COMPUTERS
 . . . CDC 6400 COMPUTER
 . . . CDC 6600 COMPUTER
 . . . CDC 6700 COMPUTER
 . . . CDC 7000 SERIES COMPUTERS
 . . . CDC 7600 COMPUTER
 . . . CDC 8090 COMPUTER
 . . . EAI 680 COMPUTER
 . . . EAI 8400 COMPUTER
 . . . EAI 8900 COMPUTER
 . . . EMR 6050 COMPUTER
 . . . FERRANTI MERCURY COMPUTER
 . . . GE COMPUTERS
 . . . GE 625 COMPUTER
 . . . GE 635 COMPUTER
 . . . HEWLETT-PACKARD COMPUTERS
 . . . HONEYWELL COMPUTERS
 . . . DDP 516 COMPUTER
 . . . HONEYWELL ADEPT COMPUTER
 . . . HONEYWELL DDP 116 COMPUTER
 . . . HONEYWELL 600/6000 COMPUTER
 . . . IBM 360 COMPUTER
 . . . IBM 370 COMPUTER
 . . . IBM 650 COMPUTER
 . . . IBM 704 COMPUTER
 . . . IBM 709 COMPUTER
 . . . IBM 1130 COMPUTER
 . . . IBM 1401 COMPUTER
 . . . IBM 1410 COMPUTER
 . . . IBM 1620 COMPUTER
 . . . IBM 2250 COMPUTER
 . . . IBM 7030 COMPUTER
 . . . IBM 7040 COMPUTER
 . . . IBM 7044 COMPUTER
 . . . IBM 7070 COMPUTER
 . . . IBM 7074 COMPUTER
 . . . IBM 7090 COMPUTER
 . . . IBM 7094 COMPUTER
 . . . ICL COMPUTERS
 . . . ILLIAC COMPUTERS
 . . . ILLIAC 3 COMPUTER
 . . . ILLIAC 4 COMPUTER
 . . . MICROCOMPUTERS
 . . . PERSONAL COMPUTERS
 IBM PERSONAL COMPUTERS
 MACINTOSH PERSONAL
 COMPUTERS
 . . . MINICOMPUTERS
 . . . NOVA COMPUTERS

DIGITAL COMPUTERS--(cont.)

... MODCOMP II COMPUTER
 ... MODCOMP IV COMPUTER
 ... PARALLEL COMPUTERS
 ... MASSIVELY PARALLEL PROCESSORS
 ... CONNECTION MACHINE
 ... MIMD (COMPUTERS)
 ... SIMD (COMPUTERS)
 ... PDP COMPUTERS
 ... PDP 7 COMPUTER
 ... PDP 8 COMPUTER
 ... PDP 9 COMPUTER
 ... PDP 10 COMPUTER
 ... PDP 11 COMPUTER
 ... PDP 11/20 COMPUTER
 ... PDP 11/40 COMPUTER
 ... PDP 11/45 COMPUTER
 ... PDP 11/50 COMPUTER
 ... PDP 11/70 COMPUTER
 ... PDP 12 COMPUTER
 ... PDP 15 COMPUTER
 ... PHILCO 2000 COMPUTER
 ... RAYTHEON COMPUTERS
 ... RCA SPECTRA 70 COMPUTER
 ... SDS 900 SERIES COMPUTERS
 ... SDS 930 COMPUTER
 ... SDS 9300 COMPUTER
 ... SEL COMPUTERS
 ... SEQUENTIAL COMPUTERS
 ... SIGMA COMPUTERS
 ... SIGMA 9 COMPUTER
 ... SIGMA 5 COMPUTER
 ... SOLOMON COMPUTERS
 ... UNIVAC LARC COMPUTER
 ... UNIVAC 80 COMPUTER
 ... UNIVAC 418 COMPUTER
 ... UNIVAC 490 COMPUTER
 ... UNIVAC 494 COMPUTER
 ... UNIVAC 1100 SERIES COMPUTERS
 ... UNIVAC 1105 COMPUTER
 ... UNIVAC 1106 COMPUTER
 ... UNIVAC 1107 COMPUTER
 ... UNIVAC 1108 COMPUTER
 ... UNIVAC 1110 COMPUTER
 ... UNIVAC 1230 COMPUTER
 ... VAX COMPUTERS
 ... VAX-11 SERIES COMPUTERS
 ... VAX-11/780 COMPUTER

RT ANALOG COMPUTERS
 ANALOG TO DIGITAL CONVERTERS
 ASSOCIATIVE PROCESSING (COMPUTERS)
 CDC COMPUTERS
 COMPUTER COMPATIBLE TAPES
 COMPUTER PROGRAM INTEGRITY
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS
 DATA PROCESSING
 DDP COMPUTERS
 DIFFERENTIAL ANALYZERS
 HYBRID COMPUTERS
 IBM COMPUTERS
 LOGIC CIRCUITS
 TURING MACHINES
 UNIVAC COMPUTERS

DIGITAL DATA

RT ANALOG DATA
 BINARY DATA
 ∞ DATA
 DATA CONVERTERS
 DATA PROCESSING
 VIDEO DATA

DIGITAL ELECTRONICS

UF DIGITAL CIRCUITS
 GS CIRCUITS
 . DIGITAL ELECTRONICS
 . . LOGIC CIRCUITS
 . . THRESHOLD GATES
 RT ANALOG TO DIGITAL CONVERTERS
 BINARY DIGITS
 COMPUTER COMPONENTS
 DIGITAL SYSTEMS
 DIGITAL TECHNIQUES
 DIGITAL TO ANALOG CONVERTERS
 ∞ ELECTRONICS
 LOGICAL ELEMENTS

DIGITAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . ELECTRIC FILTERS
 . . DIGITAL FILTERS
 . . FIR FILTERS

DIGITAL FILTERS--(cont.)

RT ∞ FILTERS
 MICROWAVE FILTERS

DIGITAL INTEGRATORS

GS CIRCUITS
 . DIGITAL INTEGRATORS
 INTEGRATORS
 . DIGITAL INTEGRATORS
 BINARY INTEGRATION
 DIFFERENTIAL ANALYZERS
 FUNCTIONAL INTEGRATION
 NUMERICAL INTEGRATION

DIGITAL NAVIGATION

GS DIGITAL SYSTEMS
 . DIGITAL NAVIGATION
 NAVIGATION
 . DIGITAL NAVIGATION
 AIR NAVIGATION
 DEAD RECKONING
 INERTIAL NAVIGATION
 POLAR NAVIGATION
 SPACE NAVIGATION
 SURFACE NAVIGATION

DIGITAL RADAR SYSTEMS

GS DIGITAL SYSTEMS
 . DIGITAL RADAR SYSTEMS
 AIRBORNE RADAR
 ANTIRADIATION MISSILES
 DATA PROCESSING EQUIPMENT
 RADAR DETECTION
 RADAR EQUIPMENT
 RADAR RECEIVERS
 RADAR SCANNING
 RADAR TARGETS
 RADAR TRACKING
 RADAR TRANSMISSION
 SIGNAL ANALYSIS
 SURVEILLANCE RADAR
 TRACKING RADAR

DIGITAL SIMULATION

GS MODELS
 . MATHEMATICAL MODELS
 . . DIGITAL SIMULATION
 SIMULATION
 . COMPUTERIZED SIMULATION
 . . DIGITAL SIMULATION
 ANALOG SIMULATION
 BIOLOGICAL MODELS (MATHEMATICS)
 COMPUTER SYSTEMS SIMULATION
 WAR GAMES

DIGITAL SPACECRAFT TELEVISION

GS COMMUNICATION EQUIPMENT
 . SPACECRAFT TELEVISION
 . . DIGITAL SPACECRAFT TELEVISION
 DIGITAL TELEVISION
 . DIGITAL SPACECRAFT TELEVISION
 TELECOMMUNICATION
 . PULSE COMMUNICATION
 . . DIGITAL SPACECRAFT TELEVISION
 SPACECRAFT TELEVISION
 . . DIGITAL SPACECRAFT TELEVISION
 TELEVISION SYSTEMS
 . SPACECRAFT TELEVISION
 . . DIGITAL SPACECRAFT TELEVISION
 RT WIRELESS COMMUNICATION

DIGITAL SYSTEMS

UF BINARY SYSTEMS (DIGITAL)
 TERNARY SYSTEMS (DIGITAL)
 GS DIGITAL SYSTEMS
 . DIGITAL NAVIGATION
 . DIGITAL RADAR SYSTEMS
 ANALOG TO DIGITAL CONVERTERS
 BINARY CODES
 BINARY DIGITS
 BITERNARY CODE
 DATA SYSTEMS
 DIGITAL ELECTRONICS
 ∞ SYSTEMS
 SYSTEMS INTEGRATION
 TELECOMMUNICATION

DIGITAL TECHNIQUES

RT BCH CODES
 BISTABLE CIRCUITS
 CODING
 COMPUTER PROGRAMMING
 DIGITAL ELECTRONICS
 ERROR CORRECTING CODES
 ERROR DETECTION CODES

DIGITAL TECHNIQUES--(cont.)

∞ METHODOLOGY
 NUMERICAL CONTROL
 SHIFT REGISTERS
 TERMINAL AREA ENERGY MANAGEMENT
 VECTOR QUANTIZATION

DIGITAL TELEVISION

GS DIGITAL TELEVISION
 . DIGITAL SPACECRAFT TELEVISION
 RT HIGH DEFINITION TELEVISION
 PULSE COMMUNICATION
 TELEVISION SYSTEMS
 TELEVISION TRANSMISSION

DIGITAL TO ANALOG CONVERTERS

GS DATA CONVERTERS
 . DIGITAL TO ANALOG CONVERTERS
 RT ANALOG TO DIGITAL CONVERTERS
 ∞ CONVERTERS
 DIGITAL ELECTRONICS
 PERIPHERAL EQUIPMENT (COMPUTERS)
 PLOTTERS
 SIGNAL ENCODING
 X-Y PLOTTERS

DIGITAL TO VOICE TRANSLATORS

UF DIVOT (VOICE TRANSLATORS)
 RT COMPUTERS
 ∞ TRANSLATORS
 VOCODERS
 VOICE DATA PROCESSING

DIGITAL TRANSDUCERS

GS TRANSDUCERS
 . DIGITAL TRANSDUCERS
 RT INTERDIGITAL TRANSDUCERS

DIGITALIS

GS DRUGS
 . DIGITALIS

DIGITIZERS

USE ANALOG TO DIGITAL CONVERTERS

DIGITS

SN (EXCLUDES FINGERS AND TOES)
 GS ALPHANUMERIC CHARACTERS
 . DIGITS
 . . BINARY DIGITS
 RT ∞ CODES
 DECIMALS
 INTEGERS
 NUMBER THEORY
 ∞ NUMBERS
 SYMBOLS

DIHEDRAL ANGLE

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . DIHEDRAL ANGLE
 RT LATERAL STABILITY

DIHEDRAL EFFECT

USE LATERAL STABILITY

DIHYDRAZINE

GS HYDRAZINES
 . DIHYDRAZINE

DIHYDRIDES

GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . . DIHYDRIDES

DIHYDROXYPHENYLALANINE

USE DOPA

DIISOCYANATES

GS ESTERS
 . ISOCYANATES
 . . DIISOCYANATES
 NITROGEN COMPOUNDS
 . CYANO COMPOUNDS
 . . ISOCYANATES
 . . . DIISOCYANATES

DIKES (GEOLOGY)

USE ROCK INTRUSIONS

DILATATION

USE STRETCHING

DILATATIONAL WAVES

- GS ELASTIC WAVES
 - . **DILATATIONAL WAVES**
- RT LONGITUDINAL WAVES
 - P WAVES
 - S WAVES
 - SEISMIC WAVES
 - ∞ SHEAR
 - STRETCHING
 - ∞ WAVES

DILATOMETERS

- USE EXTENSOMETERS

DILATOMETRY

- RT EXTENSOMETERS
- ∞ MEASUREMENT
- THERMAL EXPANSION

DILUENTS

- RT ADDITIVES
- ∞ AGENTS
- COMBUSTION PRODUCTS
- CONTAMINANTS
- DISPERSIONS
- EXHAUST GASES
- SOLVENTS

DILUTION

- GS **DILUTION**
 - . GEOMETRIC DILUTION OF PRECISION
- RT ATTENUATION
- CONCENTRATION (COMPOSITION)
- DIFFUSION
- DISPERSING
- DISPOSAL
- DISSIPATION
- DISSOLVING
- LOW CONCENTRATIONS
- MIXING
- PURITY
- ∞ REDUCTION
- WASTE DISPOSAL

DIMENHYDRINATE

- GS AMINES
 - . **DIMENHYDRINATE**
- DRUGS
 - . ANTIHISTAMINICS
 - . **DIMENHYDRINATE**
- ORGANIC COMPOUNDS
 - . CYCLIC COMPOUNDS
 - . HETEROCYCLIC COMPOUNDS
 - . **DIMENHYDRINATE**

DIMENSIONAL ANALYSIS

- RT ∞ APPLICATIONS OF MATHEMATICS
- DIMENSIONLESS NUMBERS
- DIMENSIONS
- FIBERS (MATHEMATICS)
- FLUID FLOW
- PARAMETERIZATION
- SCALING LAWS
- SIMILARITY NUMBERS
- UNITS OF MEASUREMENT

DIMENSIONAL MEASUREMENT

- RT DEFORMETERS
- DISTANCE MEASURING EQUIPMENT
- ELLIPSOMETRY
- ∞ MEASUREMENT
- MICROMETERS
- SIZE DETERMINATION

DIMENSIONAL STABILITY

- GS MECHANICAL PROPERTIES
 - . **DIMENSIONAL STABILITY**
 - . . . STRUCTURAL STABILITY
 - . . . SHELL STABILITY
- STABILITY
 - . STATIC STABILITY
 - . **DIMENSIONAL STABILITY**
 - . . . STRUCTURAL STABILITY
 - . . . SHELL STABILITY
- RT CREEP PROPERTIES
- CURL (MATERIALS)
- DYNAMIC STABILITY
- ROCHE LIMIT
- THERMAL STABILITY
- TOLERANCES (MECHANICS)

DIMENSIONLESS NUMBERS

- GS RATIOS
 - . **DIMENSIONLESS NUMBERS**

DIMENSIONLESS NUMBERS--(cont.)

- . . BIOT NUMBER
- . . FROUDE NUMBER
- . . GRASHOF NUMBER
- . . HARTMANN NUMBER
- . . LAVAL NUMBER
- . . LEWIS NUMBERS
- . . MACH NUMBER
- . . MIXING RATIOS
- . . NUSSELT NUMBER
- . . PECLET NUMBER
- . . PRANDTL NUMBER
- . . RAYLEIGH NUMBER
- . . REYNOLDS NUMBER
- . . . HIGH REYNOLDS NUMBER
- . . . LOW REYNOLDS NUMBER
- . . RICHARDSON NUMBER
- . . SCHMIDT NUMBER
- . . SIMILARITY NUMBERS
- . . STANTON NUMBER
- . . STROUHAL NUMBER
- RT DIMENSIONAL ANALYSIS
- FLUID FLOW
- HEAT TRANSFER
- ∞ NUMBERS
- SCALING LAWS

DIMENSIONS

- GS **DIMENSIONS**
 - . DEPTH
 - . DIAMETERS
 - . FILM THICKNESS
 - . FRACTALS
 - . HEIGHT
 - . SCALE HEIGHT
 - . LENGTH
 - . DIFFUSION LENGTH
 - . RADII
 - . LARMOR RADIUS
 - . TARGET THICKNESS
 - . WIDTH
- RT AMPLITUDES
- ∞ DESIGN
- DIMENSIONAL ANALYSIS
- DISTANCE
- DRAWINGS
- ENGINEERING DRAWINGS
- FINENESS RATIO
- GEOMETRY
- MAGNITUDE
- PARTICLE SIZE DISTRIBUTION
- RELATIVISTIC EFFECTS
- ∞ SPAN
- THICKNESS
- TOPOLOGY
- UNITS OF MEASUREMENT
- VOLUME

DIMERCAPROL

- GS SULFUR COMPOUNDS
 - . THIOLS
 - . **DIMERCAPROL**

DIMERIZATION

- GS SYNTHESIS (CHEMISTRY)
 - . POLYMERIZATION
 - . **DIMERIZATION**
- RT COPOLYMERIZATION

DIMERS

- GS PREPOLYMERS
- . **DIMERS**
- RT MONOMERS
- TRIMERS

DIMETHYL COMPOUNDS

- GS ORGANIC COMPOUNDS
 - . **DIMETHYL COMPOUNDS**
 - . . DIMETHYLHYDRAZINES
- RT METHYL COMPOUNDS
- TRIMETHYL COMPOUNDS

DIMETHYLHYDRAZINES

- GS AMINES
 - . **DIMETHYLHYDRAZINES**
- HYDRAZINES
 - . **DIMETHYLHYDRAZINES**
- ORGANIC COMPOUNDS
 - . DIMETHYL COMPOUNDS
 - . **DIMETHYLHYDRAZINES**
- RT AEROZINE
- METHYLHYDRAZINE

DIMINUTION

- USE REDUCTION

DIMMING

- RT BRIGHTNESS
- LIGHT EMISSION
- ∞ REDUCTION

DIMPLING

- RT BULGING
- METAL WORKING
- STAMPING

DINING PHILOSOPHERS PROBLEM

- RT DISTRIBUTED PROCESSING
- INTERPROCESSOR COMMUNICATION
- PROBLEM SOLVING
- SYNCHRONISM

DINITRATES

- GS NITROGEN COMPOUNDS
 - . NITRATES
 - . **DINITRATES**

DIODE-TRANSISTOR-LOGIC INTEG CIRCUITS

- USE DTL INTEGRATED CIRCUITS

DIODES

- UF P-I-N DIODES
- GS ELECTRONIC EQUIPMENT
- . **DIODES**
 - . . CRYSTAL RECTIFIERS
 - . . PLASMA DIODES
 - . . SEMICONDUCTOR DIODES
 - . . . AVALANCHE DIODES
 - . . . BARRITT DIODES
 - . . . GERMANIUM DIODES
 - . . . GUNN DIODES
 - . . . JUNCTION DIODES
 - . . . LIGHT EMITTING DIODES
 - . . . PARAMETRIC DIODES
 - . . . PHOTODIODES
 - . . . SCHOTTKY DIODES
 - . . . TUNNEL DIODES
 - . . . VARACTOR DIODES
 - . . . THERMIONIC DIODES
 - . . . CESIUM DIODES
- RT ELECTRON TUBES
- ION IMPLANTATION
- P-I-N JUNCTIONS
- RECTIFIERS
- SEMICONDUCTOR DEVICES
- SOLIONS
- TRAPATT DEVICES
- TRIODES
- VARACTOR DIODE CIRCUITS

DIONE

- GS CELESTIAL BODIES
 - . NATURAL SATELLITES
 - . . ICY SATELLITES
 - . . **DIONE**
 - . . . SATURN SATELLITES
 - . . . **DIONE**
- RT SATURN (PLANET)

DIOPHANTINE EQUATION

- GS NUMBER THEORY
 - . **DIOPHANTINE EQUATION**
- RT ∞ EQUATIONS

DIORITE

- GS ROCKS
 - . IGNEOUS ROCKS
 - . . **DIORITE**
- RT MINERALS
- SOILS

DIOXIDES

- GS CHALCOGENIDES
 - . OXIDES
 - . **DIOXIDES**
 - . . CARBON DIOXIDE
 - . . FLINT
 - . . . HYDROGEN PEROXIDE
 - . . . SILICON DIOXIDE
 - . . . QUARTZ
 - . . . COESITE
 - . . . STISHOVITE
 - . . . SULFUR DIOXIDES
- RT KARL FISCHER REAGENT
- PEROXIDES
- SULFUR OXIDES
- THORIUM OXIDES
- TITANIUM OXIDES

DIPHENYL COMPOUNDS

- GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . **DIPHENYL COMPOUNDS**
 . . . DIPHENYL HYDANTOIN
 RT ∞CHEMICAL COMPOUNDS

DIPHENYL HYDANTOIN

- GS AMINES
 . **DIPHENYL HYDANTOIN**
 DRUGS
 . ANTIHISTAMINICS
 . **DIPHENYL HYDANTOIN**
 ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . . DIPHENYL COMPOUNDS
 . . . **DIPHENYL HYDANTOIN**

DIPHOSPHATES

- GS PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . **DIPHOSPHATES**
 . . . ADENOSINE DIPHOSPHATE

DIPHThERIA

- GS DISEASES
 . INFECTIOUS DISEASES
 . BACTERIAL DISEASES
 . . . **DIPHThERIA**
 RT TOXIC DISEASES

DIPLEXERS

- GS ANTENNA COMPONENTS
 . ANTENNA COUPLERS
 . **DIPLEXERS**
 CIRCUITS
 . **DIPLEXERS**
 COMMUNICATION EQUIPMENT
 . **DIPLEXERS**
 COUPLERS
 . ANTENNA COUPLERS
 . . **DIPLEXERS**
 RT COUPLES
 RADAR ANTENNAS
 RADAR EQUIPMENT
 TELEVISION EQUIPMENT
 TRANSFORMERS

DIPOLE ANTENNAS

- SN (SINGLE DIPOLE ANTENNAS)
 GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . **DIPOLE ANTENNAS**
 RT ANTENNA ARRAYS
 ANTENNA DESIGN
 BACKFIRE ANTENNAS
 ∞DIPLES
 DIRECTORS (ANTENNA ELEMENTS)
 LENS ANTENNAS
 LINEAR ARRAYS
 LOG PERIODIC ANTENNAS
 LOG SPIRAL ANTENNAS
 MONOPOLE ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 PARASITIC ELEMENTS (ANTENNAS)
 RADAR ANTENNAS
 TURNSTILE ANTENNAS
 YAGI ANTENNAS

DIPOLE MOMENTS

- GS MOMENTS
 . **DIPOLE MOMENTS**
 . . ELECTRIC MOMENTS
 . . MAGNETIC MOMENTS
 RT DOMAINS
 ELECTRICAL PROPERTIES
 MAGNETIC DOMAINS
 MAGNETIC PROPERTIES
 VAN DER WAALS FORCES

∞ DIPLES

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DIPOLE ANTENNAS
 ELECTRIC CHARGE
 ELECTRIC DIPLES
 MAGNETIC DIPLES
 MAGNETIC POLES
 MONOPOLES
 ORBITING DIPLES
 POLARITY
 ∞POLES
 QUADRUPOLES

DIPPING

- RT BATHS
 COATINGS
 QUENCHING (COOLING)
 SUBMERGING
 WETTING

DIRAC EQUATION

- GS WAVE EQUATIONS
 . **DIRAC EQUATION**
 RT ∞EQUATIONS
 FIELD THEORY (PHYSICS)
 KLEIN-GORDON EQUATION
 LORENTZ TRANSFORMATIONS
 QUANTUM THEORY

DIRECT BROADCAST SATELLITES

- UF DBS (SATELLITES)
 GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . **DIRECT BROADCAST SATELLITES**
 RT BROADCASTING
 DOMESTIC SATELLITE COMMUNICATIONS
 SYSTEMS
 SATELLITE TELEVISION
 SATELLITE TRANSMISSION
 SPACE COMMERCIALIZATION
 SPACE LAW
 TELECOMMUNICATION
 TELEVISION TRANSMISSION

DIRECT CURRENT

- UF DC (CURRENT)
 GS ELECTRIC CURRENT
 . **DIRECT CURRENT**
 RT ALTERNATING CURRENT
 CURRENT CONVERTERS (AC TO DC)
 HOMOPOLAR GENERATORS
 INVERTED CONVERTERS (DC TO AC)
 VOLTAGE CONVERTERS (DC TO DC)

DIRECT CURRENT GENERATORS

- USE DC GENERATORS

DIRECT LIFT CONTROLS

- RT ∞CONTROL
 LIFT DEVICES

DIRECT POWER GENERATORS

- UF ENERGY CONVERTERS
 GS ELECTRIC GENERATORS
 . **DIRECT POWER GENERATORS**
 . . DC GENERATORS
 . . ELECTROSTATIC GENERATORS
 . . FUEL CELLS
 . . . BIOCHEMICAL FUEL CELLS
 . . . HYDROGEN OXYGEN FUEL CELLS
 . . . PHOSPHORIC ACID FUEL CELLS
 . . . REGENERATIVE FUEL CELLS
 . . MAGNETOHYDRODYNAMIC
 GENERATORS
 . . PHOTOELECTRIC GENERATORS
 . . . PHOTOVOLTAIC CELLS
 SOLAR CELLS
 VERTICAL JUNCTION SOLAR
 CELLS
 . . PRIMARY BATTERIES
 . . . ALKALINE BATTERIES
 . . . DRY CELLS
 . . . MAGNESIUM CELLS
 . . . NICKEL ZINC BATTERIES
 . . . METAL AIR BATTERIES
 . . . ZINC-OXYGEN BATTERIES
 . . . SODIUM SULFUR BATTERIES
 . . . THERMAL BATTERIES
 . . RADIOISOTOPE BATTERIES
 . . . SNAP 7
 . . . SNAP 9A
 . . . SNAP 11
 . . . SNAP 13
 . . . SNAP 15
 . . . SNAP 17
 . . . SNAP 19
 . . . SNAP 21
 . . . SNAP 23
 . . . SNAP 27
 . . . SNAP 29
 . . THERMIONIC CONVERTERS
 . . . SNAP 13
 . . . SOLAR BLANKETS
 . . THERMOELECTRIC GENERATORS
 . . . SNAP 3
 . . . SNAP 7
 . . . SNAP 9A
 . . . SNAP 10A

DIRECT POWER GENERATORS--(cont.)

- . . . SNAP 11
 . . . SNAP 15
 . . . SNAP 17
 . . . SNAP 19
 . . . SNAP 21
 . . . SNAP 23
 . . . SNAP 27
 . . . SNAP 29
 . . . SOLAR SEA POWER PLANTS
 RT AUXILIARY POWER SOURCES
 ∞CONVERTERS
 ELECTRIC BATTERIES
 ∞ELECTRIC CELLS
 ELECTRIC ENERGY STORAGE
 ENERGY ABSORPTION FILMS
 ENERGY CONVERSION
 ENERGY CONVERSION EFFICIENCY
 ∞GENERATORS
 HEAT GENERATION
 PHOTOELECTRIC CELLS
 SOLAR GENERATORS
 SOLAR TOTAL ENERGY SYSTEMS
 SPACECRAFT POWER SUPPLIES

∞ DIRECTION

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AUTONOMY
 AZIMUTH
 BEARING (DIRECTION)
 DIRECTIVITY
 LINE OF SIGHT
 MANAGEMENT
 REVERSING

DIRECTION FINDERS (RADIO)

- USE RADIO DIRECTION FINDERS

DIRECTION FINDING

- RT BEARING (DIRECTION)
 RADIO DIRECTION FINDERS
 SIGNAL PROCESSING

DIRECTIONAL ANTENNAS

- UF TRACKING ANTENNAS
 GS ANTENNAS
 . **DIRECTIONAL ANTENNAS**
 . . DIPOLE ANTENNAS
 . . HELICAL ANTENNAS
 . . HORN ANTENNAS
 . . LENS ANTENNAS
 . . LOG PERIODIC ANTENNAS
 . . LOOP ANTENNAS
 . . RADAR ANTENNAS
 . . RADANT
 . . REFLECTOR ANTENNAS
 . . . PARABOLIC ANTENNAS
 . . . TWO REFLECTOR ANTENNAS
 . . RHOMBIC ANTENNAS
 . . SLOT ANTENNAS
 . . STEERABLE ANTENNAS
 . . . INERTIALESS STEERABLE
 ANTENNAS
 . . YAGI ANTENNAS
 RT ANTENNA ARRAYS
 ANTENNA RADIATION PATTERNS
 BACKLOBES
 BORESIGHT ERROR
 BORESIGHTS
 ENDFIRE ARRAYS
 MICROWAVE ANTENNAS
 MICROWAVE COUPLING
 MISSILE ANTENNAS
 MONOPULSE ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 PARASITIC ELEMENTS (ANTENNAS)
 RADIO ANTENNAS
 SOMMERFELD APPROXIMATION

DIRECTIONAL CONTROL

- UF VECTOR CONTROL
 GS ATTITUDE CONTROL
 . **DIRECTIONAL CONTROL**
 . . THRUST VECTOR CONTROL
 RT AIRCRAFT CONTROL
 AUTOMATIC CONTROL
 ∞CONTROL
 HELICOPTER CONTROL
 JET CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANUAL CONTROL
 MISSILE CONTROL

DIRECTIONAL CONTROL--(cont.)

- ∞ REACTION CONTROL
- ROCKET ENGINE CONTROL
- SATELLITE ATTITUDE CONTROL
- SATELLITE CONTROL
- YAW

DIRECTIONAL COUPLERS

- GS ANTENNA COMPONENTS
 - . ANTENNA COUPLERS
 - . . **DIRECTIONAL COUPLERS**
 - COUPLERS
 - . ANTENNA COUPLERS
 - . . **DIRECTIONAL COUPLERS**
- RT COUPLING
 - COUPLINGS
 - IMPEDANCE MATCHING
 - MICROSTRIP TRANSMISSION LINES
 - MICROWAVE COUPLING
 - TRANSMISSION LINES
 - YOKES

DIRECTIONAL SOLIDIFICATION (CRYSTALS)

- GS CRYSTALLIZATION
 - . **DIRECTIONAL SOLIDIFICATION (CRYSTALS)**
 - GROWTH
 - . CRYSTAL GROWTH
 - . . **DIRECTIONAL SOLIDIFICATION (CRYSTALS)**
 - SOLIDIFICATION
 - . **DIRECTIONAL SOLIDIFICATION (CRYSTALS)**
- RT CONTAINERLESS MELTS
 - EUTECTIC COMPOSITES
 - PHASE TRANSFORMATIONS

DIRECTIONAL STABILITY

- GS DYNAMIC CHARACTERISTICS
 - . DYNAMIC STABILITY
 - . . MOTION STABILITY
 - . . . ATTITUDE STABILITY
 - **DIRECTIONAL STABILITY**
 - GYROSCOPIC STABILITY
 - STABILITY
 - . DYNAMIC STABILITY
 - . . MOTION STABILITY
 - . . . ATTITUDE STABILITY
 - **DIRECTIONAL STABILITY**
 - GYROSCOPIC STABILITY
- RT AERODYNAMIC STABILITY
 - AIRCRAFT STABILITY
 - CONTROLLABILITY
 - FLOW STABILITY
 - HORIZONTAL ORIENTATION
 - HOVERING STABILITY
 - LATERAL OSCILLATION
 - LATERAL STABILITY
 - LONGITUDINAL STABILITY
 - ROTARY STABILITY
 - SPACECRAFT STABILITY
 - STABILITY AUGMENTATION
 - VERTICAL ORIENTATION
 - YAW

DIRECTIVITY

- RT ALIGNMENT
 - ANISOTROPY
 - COLLIMATION
 - CRYSTALLOGRAPHY
- ∞ DIRECTION
 - FIELD STRENGTH
 - INSTRUMENT ORIENTATION
 - ISOTROPY
 - LOOK ANGLES (ELECTRONICS)
 - ∞ ORIENTATION

DIRECTORIES

- RT HANDBOOKS
 - MANUALS

DIRECTORS (ANTENNA ELEMENTS)

- GS ANTENNA COMPONENTS
 - . PARASITIC ELEMENTS (ANTENNAS)
 - . . **DIRECTORS (ANTENNA ELEMENTS)**
- RT DIPOLE ANTENNAS
 - RADIO RECEIVERS
 - REFLECTOMETERS
 - REFLECTORS
 - RODS
 - YAGI ANTENNAS

DIRICHLET PROBLEM

- GS BOUNDARY VALUE PROBLEMS
 - . **DIRICHLET PROBLEM**

DIRICHLET PROBLEM--(cont.)

- RT DIFFERENTIAL EQUATIONS
 - HYPERBOLIC DIFFERENTIAL EQUATIONS
 - ∞ PROBLEMS

DIRIGIBLES

- USE AIRSHIPS

DIRT

- GS SOILS
 - . **DIRT**
- RT CONTAMINANTS
 - DUST
 - IMPURITIES
 - PARTICLES
 - ROCKS

DISABILITIES

- UF HANDICAPS
- RT AUDITORY DEFECTS
 - BLINDNESS
 - FRUSTRATION
 - ∞ INHIBITION
 - PARALYSIS
 - WHEELCHAIRS

DISARMAMENT

- RT ARMED FORCES (FOREIGN)
 - ARMED FORCES (UNITED STATES)
 - INTERNATIONAL COOPERATION
 - WEAPONS

DISASTERS

- RT ACCIDENTS
 - CASUALTIES
 - EMERGENCIES
 - FIRST AID
 - SABOTAGE

∞ DISCHARGE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DETONATION
 - DISPERSING
 - DISPOSAL
 - DRAINAGE
 - EFFLUENTS
 - EJECTION
 - ELECTRIC DISCHARGES
 - ELECTRODELESS DISCHARGES
 - ELIMINATION
 - EMISSION
 - EXHAUSTING
 - EXPELLANTS
 - EXPLOSIONS
 - OUTLETS
 - RELEASING
 - RELIEVING
 - RING DISCHARGE
 - UNLOADING
 - VENTING

DISCHARGE COEFFICIENT

- GS COEFFICIENTS
 - . FLOW COEFFICIENTS
 - . . **DISCHARGE COEFFICIENT**
- RT AXIAL FLOW
 - FLOW VELOCITY
 - INFLUENCE COEFFICIENT
 - MASS FLOW FACTORS
 - NOZZLE FLOW
 - NOZZLE GEOMETRY
 - NOZZLE THRUST COEFFICIENTS
 - WALL FLOW

DISCHARGE TUBES

- USE GAS DISCHARGE TUBES

DISCHARGERS

- GS **DISCHARGERS**
 - . . STATIC DISCHARGERS
- RT DISSIPATION
 - NEUTRALIZERS

DISCIPLINING

- RT LIABILITIES
 - MORALE
 - PENALTIES

DISCOLORATION

- RT COLOR
 - DAMAGE
 - DEGRADATION

DISCOLORATION--(cont.)

- FADING
- STAINING

DISCONNECT DEVICES

- UF DISCONNECTORS
- RT CIRCUIT BREAKERS
 - CONNECTORS
 - DECOUPLING
 - DUMPING
 - EJECTION
 - ELECTRIC CONNECTORS
 - ELECTRIC FUSES
 - ELECTRIC RELAYS
 - ∞ RELAY
 - RELEASING

DISCONNECTORS

- USE DISCONNECT DEVICES

DISCONTINUITY

- GS **DISCONTINUITY**
 - . SHOCK DISCONTINUITY
- RT ANALYSIS (MATHEMATICS)
 - CATASTROPHE THEORY
 - GIBBS PHENOMENON
 - INCOHERENCE
 - VORTEX STREETS

DISCOS (SATELLITE ATTITUDE CONTROL)

- RT ATTITUDE STABILITY
 - NOVA SATELLITES
 - SATELLITE PERTURBATION
 - SPACECRAFT STABILITY
 - TRANSIT SATELLITES

DISCOVERER RECOVERY CAPSULES

- UF DRC (CAPSULE)
- GS SPACE CAPSULES
 - . **DISCOVERER RECOVERY CAPSULES**
- RT RECOVERY PARACHUTES
 - SPACECRAFT RECOVERY

DISCOVERER SATELLITES

- GS ARTIFICIAL SATELLITES
 - . **DISCOVERER SATELLITES**
- RT AGENA A ROCKET VEHICLE
 - AGENA B ROCKET VEHICLE
 - AGENA ROCKET VEHICLES
 - THOR AGENA LAUNCH VEHICLE

DISCOVERING

- USE EXPLORATION

DISCOVERY (ORBITER)

- UF SPACE SHUTTLE ORBITER 103
- GS MANNED SPACECRAFT
 - . SPACE SHUTTLE ORBITERS
 - . . **DISCOVERY (ORBITER)**
 - REENTRY VEHICLES
 - . RECOVERABLE SPACECRAFT
 - . . REUSABLE SPACECRAFT
 - . . . SPACE SHUTTLE ORBITERS
 - **DISCOVERY (ORBITER)**
 - MANNED SPACE FLIGHT
 - SPACE SHUTTLE MISSION 41-D
 - SPACE SHUTTLE MISSION 51-A
 - SPACE SHUTTLE MISSION 51-C
 - SPACE SHUTTLE MISSION 51-D
 - SPACE SHUTTLE MISSION 51-G
 - SPACE SHUTTLE MISSION 51-I
 - ∞ SPACECRAFT
- RT

DISCRETE ADDRESS BEACON SYSTEM

- GS LANDING AIDS
 - . AIRPORT BEACONS
 - . . **DISCRETE ADDRESS BEACON SYSTEM**
 - NAVIGATION AIDS
 - . BEACONS
 - . . AIRPORT BEACONS
 - . . . **DISCRETE ADDRESS BEACON SYSTEM**
 - RADAR BEACONS
 - **DISCRETE ADDRESS BEACON SYSTEM**
 - RADAR EQUIPMENT
 - . RADAR BEACONS
 - . . **DISCRETE ADDRESS BEACON SYSTEM**
- RT AIR TRAFFIC CONTROL
 - DATA LINKS
 - GROUND-AIR-GROUND COMMUNICATION
 - SECONDARY RADAR

DISCRETE ADDRESS BEACON SYSTEM--(cont.)

∞ SYSTEMS

DISCRETE FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
 - . DISCRETE FUNCTIONS
- RT DISTRIBUTION FUNCTIONS
 - . HISTOGRAMS
 - . NORMAL DENSITY FUNCTIONS
 - . POISSON DENSITY FUNCTIONS
 - . PROBABILITY DENSITY FUNCTIONS
 - . PROBABILITY DISTRIBUTION FUNCTIONS
 - . STATISTICAL ANALYSIS

DISCRIMINANT ANALYSIS (STATISTICS)

- UF DISCRIMINANT FUNCTIONS
- GS FUNCTIONS (MATHEMATICS)
 - . DISCRIMINANT ANALYSIS (STATISTICS)
 - . STATISTICAL ANALYSIS
 - . DISCRIMINANT ANALYSIS (STATISTICS)
- RT ∞ CLASSIFYING
 - . MULTIVARIATE STATISTICAL ANALYSIS
 - . POPULATIONS

DISCRIMINANT FUNCTIONS

- USE DISCRIMINANT ANALYSIS (STATISTICS)

DISCRIMINATION

- GS DISCRIMINATION
 - . SENSORY DISCRIMINATION
 - . BRIGHTNESS DISCRIMINATION
 - . TACTILE DISCRIMINATION
 - . VISUAL DISCRIMINATION
- RT ACUITY
 - . COMPARATOR CIRCUITS
- ∞ DIFFERENTIATION
 - . SELECTIVITY
 - . SIGNAL DETECTION
 - . SIGNAL DETECTORS
 - . TARGET RECOGNITION

DISCRIMINATORS

- GS CIRCUITS
 - . DISCRIMINATORS
 - . FRAUNHOFER LINE DISCRIMINATORS
 - . FREQUENCY DISCRIMINATORS
- RT ANALOG COMPUTERS
 - . COMPARATORS
 - . ERROR SIGNALS
 - . INTERMODULATION
 - . RC CIRCUITS

∞ DISCUSSION

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT CONFERENCES
 - . EVALUATION
 - . EXAMINATION
 - . REPORTS
 - . REVIEWING

DISEASED VEGETATION

- USE PLANT DISEASES

DISEASES

- SN (RESTRICTED TO DISEASES IN ANIMALS INCLUDING MAN--FOR DISEASES IN PLANTS SEE PLANT DISEASES)
- GS DISEASES
 - . ALBINISM
 - . ANEMIAS
 - . ARTERIOSCLEROSIS
 - . ARTHRITIS
 - . ATAXIA
 - . ATELECTASIS
 - . BONE DEMINERALIZATION
 - . COLIC
 - . CYANOSIS
 - . DIABETES MELLITUS
 - . ENCEPHALITIS
 - . EPILEPSY
 - . EYE DISEASES
 - . ASTHENOPIA
 - . ASTIGMATISM
 - . CATARACTS
 - . CONJUNCTIVITIS
 - . GLAUCOMA
 - . KERATITIS
 - . PHORIA
 - . FAT EMBOLISMS
 - . FIBROSIS
 - . CYSTIC FIBROSIS

DISEASES--(cont.)

- . HEADACHE
- . HEART DISEASES
- . ANGINA PECTORIS
- . CORONARY ARTERY DISEASE
- . INFARCTION
- . MYOCARDIAL INFARCTION
- . INFECTIOUS DISEASES
- . AIRBORNE INFECTION
- . BACTERIAL DISEASES
- . CHOLERA
- . DIPHTHERIA
- . SYPHILIS
- . TUBERCULOSIS
- . TYPHOID
- . TYPHUS
- . CONJUNCTIVITIS
- . DERMATITIS
- . CONTACT DERMATITIS
- . FUNGAL DISEASES
- . HEPATITIS
- . MENINGITIS
- . PARASITIC DISEASES
- . VIRAL DISEASES
- . ACQUIRED IMMUNODEFICIENCY SYNDROME
- . INFLUENZA
- . POLIOMYELITIS
- . SMALLPOX
- . KIDNEY DISEASES
- . NEPHRITIS
- . LITHIASIS
- . METABOLIC DISEASES
- . NARCOLEPSY
- . NEURASTHENIA
- . NEURITIS
- . OCCUPATIONAL DISEASES
- . OSTEOPOROSIS
- . PARALYSIS
- . PARKINSON DISEASE
- . PULMONARY LESIONS
- . RADIATION SICKNESS
- . RESPIRATORY DISEASES
- . AEROSINUSITIS
- . ASTHMA
- . EMPHYSEMA
- . INFLUENZA
- . PNEUMONIA
- . TUBERCULOSIS
- . RHEUMATIC DISEASES
- . TACHYCARDIA
- . THROMBOPENIA
- . THROMBOSIS
- . TOOTH DISEASES
- . TOXIC DISEASES
- . CARBON MONOXIDE POISONING
- . LEAD POISONING
- . TUMORS
- . NEOPLASMS
- . CANCER
- . LEUKEMIAS
- . ULCERS
- . UROLITHIASIS
- RT CHRONIC CONDITIONS
 - . CREATININE
 - . CURES
 - . DIAGNOSIS
 - . DISORDERS
 - . ETIOLOGY
 - . MEDICAL SCIENCE
 - . PATHOGENESIS
 - . PATHOLOGICAL EFFECTS
 - . PLANT DISEASES
 - . PNEUMOTHORAX
 - . PROPHYLAXIS
 - . SIGNS AND SYMPTOMS
 - . SYMPTOMOLOGY
 - . THERAPY
 - . VACCINES
 - . VETERINARY MEDICINE

DISHES

- USE PARABOLIC REFLECTORS

DISILICIDES

- GS SILICON COMPOUNDS
 - . SILICIDES
 - . DISILICIDES
- RT SILANES
 - . SILICATES

DISINFECTANTS

- USE ANTISEPTICS

DISINTEGRATION

- RT ATOMIZING
 - . COMMINUTION
 - . CRUSHERS
 - . CRUSHING
 - . DAMAGE
 - . DECAY
 - . DECOMPOSITION
 - . DETERIORATION
 - . FLAKING
 - . GRINDING (COMMINUTION)
 - . IONIZATION
 - . LYSOGENESIS

DISK GALAXIES

- GS CELESTIAL BODIES
 - . GALAXIES
 - . DISK GALAXIES
- RT ASTROPHYSICS
 - . BARRED GALAXIES
 - . BLAZARS
 - . ELLIPTICAL GALAXIES
 - . GALACTIC CLUSTERS
 - . GALACTIC EVOLUTION
 - . GALACTIC HALOS
 - . GALACTIC NUCLEI
 - . GALACTIC ROTATION
 - . GALACTIC STRUCTURE
 - . LOCAL GROUP (ASTRONOMY)
 - . RADIO GALAXIES
 - . SPIRAL GALAXIES
 - . STAR CLUSTERS
 - . VIRGO GALACTIC CLUSTER

DISK OPERATING SYSTEM (DOS)

- GS COMPUTER PROGRAMS
 - . COMPUTER SYSTEMS PROGRAMS
 - . OPERATING SYSTEMS (COMPUTERS)
 - . DISK OPERATING SYSTEM (DOS)
- RT ASSEMBLER ROUTINES
 - . COMPILERS
 - . COMPUTER INFORMATION SECURITY
 - . COMPUTER SYSTEMS DESIGN
- ∞ DISKS
 - . GRAPHICAL USER INTERFACE
 - . INPUT/OUTPUT ROUTINES
 - . MAGNETIC DISKS
 - . ROUTINES
 - . SYSTEMS
- ∞ DISKS
 - SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 - RT ACTUATOR DISKS
 - . DISK OPERATING SYSTEM (DOS)
 - . DISKS (SHAPES)
 - . INTERVERTEBRAL DISKS
 - . MAGNETIC DISKS

DISKS (SHAPES)

- GS DISKS (SHAPES)
 - . ACTUATOR DISKS
 - . INTERVERTEBRAL DISKS
 - . ROTATING DISKS
- RT ACCRETION DISKS
 - . AERODYNAMIC CONFIGURATIONS
 - . BODIES OF REVOLUTION
 - . CIRCULAR PLATES
- ∞ DISKS
 - . PLATES
 - . VIDEO DISKS

DISLOCATIONS (MATERIALS)

- GS DISLOCATIONS (MATERIALS)
 - . CRYSTAL DISLOCATIONS
 - . EDGE DISLOCATIONS
 - . SCREW DISLOCATIONS
- RT DISPLACEMENT
 - . FLOW THEORY
- ∞ MATERIALS

DISORDERS

- GS DISORIENTATION
 - . DISORDERS
- RT CHRONIC CONDITIONS
 - . DEPERSONALIZATION
- ∞ DEPRESSION
 - . DETACHMENT
 - . DISEASES
- ∞ DISTURBANCES
 - . DITHERS
 - . EMOTIONAL FACTORS
 - . HUMAN BEHAVIOR
 - . JET LAG

DISORDERS--(cont.)

PSYCHOLOGY
PSYCHOSES
VIOLENCE

DISORIENTATION

SN (EXCLUDES PHYSICAL OR
MATHEMATICAL MISALIGNMENT)
GS **DISORIENTATION**
. DESYNCHRONIZATION (BIOLOGY)
. DISORDERS
. JET LAG
RT BIOLOGICAL EFFECTS
CORIOLIS EFFECT
DETACHMENT
DITHERS
IRRATIONALITY
MISALIGNMENT
PSYCHOLOGICAL EFFECTS
PSYCHOLOGY
STAGGERING
WEIGHTLESSNESS

DISPATCHING

USE DISTRIBUTING

DISPENSERS

RT DISTRIBUTORS
EJECTORS
FEEDERS
MATERIALS HANDLING
ROLLERS
SPRAYERS

DISPERSING

SN (OF MATERIALS OR PARTICLES)
RT AGITATION
ASSIMILATION
CHEMICAL RELEASE MODULES
CIRCULATION
CLOUD DISPERSAL
COLLOIDING
DEFLECTION
DIFFUSION
DILUTION
∞ DISCHARGE
∞ DISPERSION
DISPERSIONS
DISPOSAL
DISSIPATION
DISTRIBUTING
∞ DISTRIBUTION
ENTRAINMENT
EXHAUSTING
FOG DISPERSAL
HOMOGENIZING
LANGEVIN FORMULA
PERMEATING
POLLUTION TRANSPORT
∞ REDUCTION
RELEASING
SCATTERING
∞ SEPARATION
SHAKING
SPRAYING
SPREADING
STIRRING
SUSPENDING (MIXING)
SWIRLING

∞ DISPERSION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DEVIATION
DIFFUSION
DISPERSING
DISPERSIONS
DUST
KRAMERS-KRONIG FORMULA
MAGNETIC DISPERSION
MIXERS
RANDOM ERRORS
STATISTICAL ANALYSIS
VARIABILITY
WAVE DISPERSION

DISPERSION PRECIPITATION HARDENING

USE PRECIPITATION HARDENING

DISPERSIONS

GS MIXTURES
. **DISPERSIONS**
. COLLOIDS
. AEROSOLS

DISPERSIONS--(cont.)

... FOG
... COLLOIDAL PROPELLANTS
... EMULSIONS
... PHOTOGRAPHIC EMULSIONS
... NUCLEAR EMULSIONS
... LIQUID-GAS MIXTURES
... AEROSOLS
... FOG
... PLASTISOLS
... SMOKE
RT BROWNIAN MOVEMENTS
COLLOIDAL GENERATORS
CROP DUSTING
DILUENTS
DISPERSING
∞ DISPERSION
DUST
FERROFLUIDS
FOG DISPERSAL
FUMES
MIST
PARTICLES
PARTICULATES
SLURRIES
SLURRY PROPELLANTS
SUSPENDING (MIXING)
∞ SUSPENSIONS

DISPLACEMENT

GS **DISPLACEMENT**
. CRACK OPENING DISPLACEMENT
RT AMPLITUDES
BENDING
BIAS
BORESIGHT ERROR
DEFLECTION
DEFORMATION
DISLOCATIONS (MATERIALS)
DISTORTION
DIVERGENCE
ENGINES
FLEXIBLE SPACECRAFT
HEAVING
LEVEL (QUANTITY)
MAGNITUDE
∞ MOTION
NUTATION
POSITIONING
SKEWNESS
TEMPERATURE INVERSIONS
VARIATIONS
VIBRATION

DISPLACEMENT MEASUREMENT

SN (MEASUREMENT IN CHANGE OF
POSITION)
GS MECHANICAL MEASUREMENT
. **DISPLACEMENT MEASUREMENT**
RT BORESIGHT ERROR

DISPLAY DEVICES

UF DATA READOUT SYSTEMS
DISPLAY SYSTEMS
VISUAL DISPLAYS
GS **DISPLAY DEVICES**
. APPROACH INDICATORS
. FLOW DIRECTION INDICATORS
. WIND VANES
. GYRO HORIZONS
. HEAD-UP DISPLAYS
. HELMET MOUNTED DISPLAYS
. KINOFORM
. MICROVISION LANDING AID
. PLASMA DISPLAY DEVICES
. POSITION INDICATORS
. PLAN POSITION INDICATORS
. RADIO DIRECTION FINDERS
. SPACECRAFT POSITION INDICATORS
. RADARSCOPES
. PLAN POSITION INDICATORS
. SPEED INDICATORS
. TACHOMETERS
RT AIRBORNE SURVEILLANCE RADAR
AIRCRAFT EQUIPMENT
AIRCRAFT INSTRUMENTS
AUTOMATIC TYPEWRITERS
BLINKING
CANCELLATION CIRCUITS
CATHODE RAY TUBES
CHARTS
COMPUTER GRAPHICS
CONSOLES
CONTROL BOARDS
CREW PROCEDURES (INFLIGHT)

DISPLAY DEVICES--(cont.)

CREW PROCEDURES (PREFLIGHT)
DATA RECORDERS
∞ DETECTORS
DIALS
ELECTROCHROMISM
FLIGHT CONTROL
FLIGHT INSTRUMENTS
FLYING SPOT SCANNERS
GRAPHICAL USER INTERFACE
IMAGE RECONSTRUCTION
IMAGE TUBES
IMAGERY
IMAGES
INDICATING INSTRUMENTS
INSTRUMENT LANDING SYSTEMS
INSTRUMENT RECEIVERS
∞ INSTRUMENTS
LIGHT EMITTING DIODES
LISTS
MAN MACHINE SYSTEMS
MAN-COMPUTER INTERFACE
MAP MATCHING GUIDANCE
MONITORS
NAVIGATION AIDS
PERCEPTUAL ERRORS
PHOTOGRAPHS
PICTURE TUBES
PLANETARIUMS
∞ PLOTS
PLOTTERS
PLOTING
PRINTERS (DATA PROCESSING)
PROMOTION
RADAR
RADAR RESOLUTION
RAPID BALLISTICS IDENTIFICATION
RASTER SCANNING
READING
READOUT
REAL TIME OPERATION
RECEIVERS
REMOTE CONSOLES
SCIENTIFIC VISUALIZATION
∞ SCREENS
SOLAR COMPASSES
∞ STRIP
∞ SYSTEMS
TARGET SIMULATORS
TERCOM
VIDEO DATA
VIDEO EQUIPMENT
VIEWING
VISUAL AIDS
VISUAL CONTROL
WARNING SYSTEMS

DISPLAY SYSTEMS

USE DISPLAY DEVICES

DISPOSAL

GS **DISPOSAL**
. WASTE DISPOSAL
. COMPOSTING
. HAZARDOUS MATERIAL DISPOSAL (IN
SPACE)
RT AGITATION
∞ CONTAINERS
DECONTAMINATION
DELETION
DILUTION
∞ DISCHARGE
DISPERSING
DISSIPATION
DISTRIBUTING
∞ DISTRIBUTION
DUMPING
EJECTION
ELIMINATION
EMPTYING
EXHAUSTING
EXPULSION
ISOLATION
JETTISONING
MATERIALS HANDLING
MATERIALS RECOVERY
REMOVAL
SINKS
SPREADING
∞ STORAGE
UNLOADING

DISRUPTING

RT ∞ INTERFERENCE
RUPTURING

DISSECTION

RT AUTOPSIES
PATHOLOGY

DISSIPATION

UF DISSIPATORS
GS **DISSIPATION**
. ENERGY DISSIPATION
. OHMIC DISSIPATION
RT ATMOSPHERIC TURBULENCE
ATTENUATION
DAMPING
DECONTAMINATION
DEPLETION
DIFFUSION
DILUTION
DISCHARGERS
DISPERSING
DISPOSAL
EXHAUSTING
POLLUTION
PURIFICATION
∞ REDUCTION
REMOVAL
WASTE DISPOSAL

DISSIPATORS

USE DISSIPATION

DISSOCIATION

UF MOLECULAR DISSOCIATION
GS **DISSOCIATION**
. AUTOIONIZATION
. BIODEGRADABILITY
. GAS DISSOCIATION
. PHOTODISSOCIATION
. RADIOLYSIS
. THERMAL DISSOCIATION
RT ATOMIC RECOMBINATION
CHEMICAL EQUILIBRIUM
DEBYE-HUCKEL THEORY
DECOMPOSITION
ELECTRODISSOLUTION
HEAT OF DISSOCIATION
IONIZATION
MOLECULAR DIFFUSION
MOLECULAR INTERACTIONS

DISSOLUTION

USE DISSOLVING

DISSOLVED GASES

GS GASES
. **DISSOLVED GASES**
RT AERATION
DISSOLVING
MIXTURES
OXYGENATION
SOLUBILITY
SOLUTIONS

DISSOLVING

UF DISSOLUTION
GS MIXING
. **DISSOLVING**
RT AERATION
CHEMICAL ATTACK
CHEMICAL CLEANING
CLEANING
COMPOUNDING
CORROSION
DIFFUSION
DILUTION
DISSOLVED GASES
EXTRACTION
HOMOGENIZING
LEACHING
PRECIPITATION (CHEMISTRY)
∞ SEPARATION
SOFTENING
SOLUBILITY
SOLUTES
∞ SOLUTION
SOLVENT RETENTION
SOLVENTS
WASHING

DISSYMMETRY

USE ASYMMETRY

DISTANCE

GS **DISTANCE**
. DEBYE LENGTH
. DIFFUSION LENGTH
. MISS DISTANCE

DISTANCE--(cont.)

. OPTICAL SLANT RANGE
. RADAR RANGE
. RADIO RANGE
. RANGE AND RANGE RATE TRACKING
. REENTRY RANGE
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ALTITUDE
DEPTH
DIMENSIONS
FOCUSING
GEOMETRY
HEIGHT
LENGTH
POSITION (LOCATION)
PROXIMITY
RADAR NAVIGATION
∞ RANGE
RANGE (EXTREMES)
TAKEOFF RUNS
∞ TRAVEL

DISTANCE MEASURING EQUIPMENT

GS MEASURING INSTRUMENTS
. **DISTANCE MEASURING EQUIPMENT**
. ALTIMETERS
. . . LASER ALTIMETERS
. . . RADIO ALTIMETERS
. GEODIMETERS
. . . RANGE FINDERS
. . . OPTICAL RANGE FINDERS
. . . . LASER RANGE FINDERS
. STADIMETERS
. . . TELLUROMETERS
RT AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
DECCA NAVIGATION
DEPTH MEASUREMENT
DIMENSIONAL MEASUREMENT
LORAC NAVIGATION SYSTEM
LORAN
LUNAR RANGEFINDING
MICROMETERS
NAVIGATION
NAVIGATION AIDS
OMNIDIRECTIONAL RADIO RANGES
POSITION INDICATORS
RADAR
RADAR EQUIPMENT
RADAR MEASUREMENT
RADAR NAVIGATION
RADIO NAVIGATION
RANGE ERRORS
SHORAN
SOLAR COMPASSES
SONAR
SOUND RANGING

DISTANCE PERCEPTION

USE SPACE PERCEPTION

DISTILLATION

GS **DISTILLATION**
. STRIPPING (DISTILLATION)
RT CHEMICAL FRACTIONATION
CONCENTRATING
CONDENSING
DEMINERALIZING
DESALINIZATION
DIFFUSION
EVAPORATION
FLASHING (VAPORIZING)
MATERIALS RECOVERY
PURGING
PURIFICATION
RECTIFICATION
REFINING
∞ SEPARATION
TAR SANDS
VAPORIZING
WASHING

DISTILLATION EQUIPMENT

RT COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
∞ EQUIPMENT
STILLS

DISTORTION

GS **DISTORTION**
. FLOW DISTORTION
. SIGNAL DISTORTION
. SURFACE DISTORTION
RT ABERRATION

DISTORTION--(cont.)

ABNORMALITIES
ASTIGMATISM
ASYMMETRY
BENDING
BUCKLING
CAMBER
DEFLECTION
DEFORMATION
DEVIATION
DISPLACEMENT
EXPANSION
FAILURE
FLEXING
FOLDING
FREQUENCY PULLING
GEOMETRIC ACCURACY
GHOSTS
HEAVING
REFRACTION
SKEWNESS
STRETCHING
SWELLING
TEMPERATURE INVERSIONS
TWISTING
VARIATIONS
WARPAGE
WRINKLING

DISTRIBUTED AMPLIFIERS

GS AMPLIFIERS
. **DISTRIBUTED AMPLIFIERS**
RT ∞ FREQUENCY RESPONSE
TRANSMISSION LINES

DISTRIBUTED BRAGG REFLECTOR LASERS

USE DBR LASERS

DISTRIBUTED FEEDBACK LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . . **DISTRIBUTED FEEDBACK LASERS**
RT DBR LASERS
FEEDBACK AMPLIFIERS
FEEDBACK CONTROL
HETEROJUNCTION DEVICES
LASER OUTPUTS
LASING
SEMICONDUCTOR LASERS
SOLID STATE LASERS

DISTRIBUTED PARAMETER SYSTEMS

RT CONTROL THEORY
DIFFERENTIAL EQUATIONS
INDEPENDENT VARIABLES
INTEGRAL EQUATIONS
LINEAR CIRCUITS
LINEAR SYSTEMS
NETWORK ANALYSIS
NONLINEAR SYSTEMS
∞ SYSTEMS

DISTRIBUTED PROCESSING

GS DATA PROCESSING
. **DISTRIBUTED PROCESSING**
RT ARCHITECTURE (COMPUTERS)
COMPUTER NETWORKS
COMPUTER SYSTEMS DESIGN
DINING PHILOSOPHERS PROBLEM
MICROPROCESSORS
TRANSPUTERS
VSAT (NETWORK)

DISTRIBUTING

UF DISPATCHING
RT ALLOCATIONS
ASSIMILATION
COMMERCIAL ENERGY
DISPERSING
DISPOSAL
∞ DISTRIBUTION
DOMESTIC ENERGY
∞ FOOD
INDUSTRIAL ENERGY
INVENTORY CONTROLS
MATERIALS HANDLING
POSITIONING
PROPORTION
RESOURCE ALLOCATION
TRANSPORTATION
TRANSPORTATION ENERGY

∞ DISTRIBUTION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ALLOCATIONS
ASSIMILATION
BRIGHTNESS DISTRIBUTION
CIRCULATION DISTRIBUTION
DEMOGRAPHY
DISPERSING
DISPOSAL
DISTRIBUTING
DISTRIBUTION (PROPERTY)
KURTOSIS
LOAD DISTRIBUTION (FORCES)
MASS DISTRIBUTION
MATERIALS HANDLING
POSITIONING
PRESSURE DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
STATISTICAL DISTRIBUTIONS
THRUST DISTRIBUTION
TRANSPORTATION

DISTRIBUTION (PROPERTY)

- UF PATTERN DISTRIBUTION
- GS **DISTRIBUTION (PROPERTY)**
ANGULAR DISTRIBUTION
BOLTZMANN DISTRIBUTION
BRIGHTNESS DISTRIBUTION
CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
ENERGY DISTRIBUTION
SPECTRAL ENERGY DISTRIBUTION
FLOW DISTRIBUTION
FORCE DISTRIBUTION
FREQUENCY DISTRIBUTION
KURTOSIS
HOLE DISTRIBUTION (ELECTRONICS)
HOLE DISTRIBUTION (MECHANICS)
INTERFERENCE LIFT
ION DISTRIBUTION
LOAD DISTRIBUTION (FORCES)
MASS DISTRIBUTION
MOMENT DISTRIBUTION
NEUTRON DISTRIBUTION
PRESSURE DISTRIBUTION
RADIAL DISTRIBUTION
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
DIFFRACTION PATTERNS
KOSSEL PATTERN
RAINBOWS
SPATIAL DISTRIBUTION
STAR DISTRIBUTION
STRAIN DISTRIBUTION
STRESS DISTRIBUTION
STRESS CONCENTRATION
TEMPERATURE DISTRIBUTION
VELOCITY DISTRIBUTION
VERTICAL DISTRIBUTION
STAR DISTRIBUTION
- RT CHEMICAL COMPOSITION
∞ CROSS SECTIONS
∞ DISTRIBUTION
DYNAMIC CHARACTERISTICS
FIELD THEORY (PHYSICS)
GRADIENTS
JET LIFT
LIFT
∞ PATTERNS
∞ PROFILES
ROTOR LIFT
STATISTICAL DISTRIBUTIONS
SYNTHETIC ARRAYS
ZERO LIFT

DISTRIBUTION FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
DISTRIBUTION FUNCTIONS
CHAPMAN-ENSKOG THEORY
DISCRETE FUNCTIONS
MAXIMUM ENTROPY METHOD
PROBABILITY THEORY
STATISTICAL DISTRIBUTIONS

DISTRIBUTION MOMENTS

- UF STATISTICAL MOMENTS
GS MOMENTS
DISTRIBUTION MOMENTS
MEAN
ORTHOGONALITY

DISTRIBUTION MOMENTS--(cont.)

- RT STANDARD DEVIATION
AVERAGE
MEDIAN (STATISTICS)
METHOD OF MOMENTS
MODE (STATISTICS)
SKEWNESS
STATISTICAL DISTRIBUTIONS
VARIANCE (STATISTICS)

DISTRIBUTORS

- RT COMMUTATORS
DISPENSERS
FEEDERS
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES
MATERIALS HANDLING
ROLLERS
SPRAYERS

DISTRICT OF COLUMBIA

- RT POTOMAC RIVER VALLEY (MD-VA-WV)
UNITED STATES

DISTURBANCE THEORY

- USE PERTURBATION THEORY

∞ DISTURBANCES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BURSTS
DISORDERS
ELECTROMAGNETIC INTERFERENCE
IONOSPHERIC DISTURBANCES
IONOSPHERIC STORMS
MAGNETIC DISTURBANCES
PERTURBATION
RADIO AURORAS
RADIO BURSTS
SOLAR ACTIVITY
STORMS
SUDDEN IONOSPHERIC DISTURBANCES
VORTICES

DISTURBING FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
DISTURBING FUNCTIONS
RT PERTURBATION THEORY

DISULFIDES

- GS CHALCOGENIDES
SULFIDES
DISULFIDES
CARBON DISULFIDE
SULFUR COMPOUNDS
SULFIDES
DISULFIDES
CARBON DISULFIDE

DITCHES

- RT CANALS
IRRIGATION
LANDFORMS
TROUGHS

∞ DITCHING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DITCHING (LANDING)
EXCAVATION

DITCHING (EXCAVATION)

- USE EXCAVATION

DITCHING (LANDING)

- GS CRASHES
CRASH LANDING
DITCHING (LANDING)
LANDING
AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
WATER LANDING
DITCHING (LANDING)
RT AIRCRAFT ACCIDENTS
∞ DITCHING
GLIDE LANDINGS

DITHERS

- GS SHAKING
DITHERS
SHIVERING

DITHERS--(cont.)

- RT DITHERS
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
HUMAN BEHAVIOR
∞ INHIBITION
IRRATIONALITY
VACILLATION

DITHIOLS

- USE THIOLS

DIURESIS

- RT BODY FLUIDS
EDEMA
URINATION

DIURETICS

- GS DIURETICS
AMINOPHYLLINE
RT ACETAZOLAMIDE
UREAS

DIURNAL RHYTHMS

- USE CIRCADIAN RHYTHMS

DIURNAL VARIATIONS

- GS VARIATIONS
PERIODIC VARIATIONS
DIURNAL VARIATIONS
RT CYCLES
DARKNESS
DAYTIME
MAGNETIC VARIATIONS
NIGHT
NOCTURNAL VARIATIONS
TROPopause
WIND VARIATIONS

DIVERGENCE

- GS DIVERGENCE
MAGNETIC CHARGE DENSITY
RT CATASTROPHE THEORY
CONVERGENCE
DEVIATION
DIFFERENCES
DISPLACEMENT
∞ DRIFT
FOURIER ANALYSIS
FUNCTIONS (MATHEMATICS)
GEOSTROPHIC WIND
REFRACTION
SERIES (MATHEMATICS)
SERIES EXPANSION
VARIATIONS
VORTICES

DIVERGENT NOZZLES

- RT CONICAL NOZZLES
EXHAUST NOZZLES
NOZZLE GEOMETRY
NOZZLE WALLS
∞ NOZZLES
ROCKET NOZZLES
THRUST CHAMBERS
WIND TUNNEL NOZZLES

DIVERTERS

- RT BAFFLES
BLAST DEFLECTORS
BYPASSES
DEFLECTORS
∞ DIFFUSERS
DIVIDERS
FLAME DEFLECTORS
∞ SEPARATION
SEPARATORS
SHIELDING
VALVES

DIVIDERS

- SN (EXCLUDES VOLTAGE AND FREQUENCY
DIVIDERS)
GS SEPARATORS
DIVIDERS
RT BAFFLES
∞ BARRIERS
CURTAINS
DIVERTERS
PANELS
SPACERS

DIVIDES (LANDFORMS)

- GS LANDFORMS
 - . **DIVIDES (LANDFORMS)**
- RT DRAINAGE PATTERNS
 - MOUNTAINS
 - WATERSHEDS

DIVIDING (MATHEMATICS)

- GS NUMBER THEORY
 - . **DIVIDING (MATHEMATICS)**
- RT ARITHMETIC
 - COMPUTATION
 - CONGRUENCES
- ∞ DIVISION
 - QUOTIENTS

DIVING (UNDERWATER)

- GS SUBMERGED BODIES
 - . **DIVING (UNDERWATER)**
- RT BAROTRAUMA
 - DECOMPRESSION SICKNESS
 - HUMAN TOLERANCES
 - MEDICAL PHENOMENA
 - PHYSIOLOGICAL EFFECTS
 - UNDERWATER PHYSIOLOGY
 - UNDERWATER TESTS

∞ DIVISION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CELL DIVISION
 - DIVIDING (MATHEMATICS)
 - NUMBER THEORY
- ∞ SEPARATION
 - SUBDIVISIONS
 - SUBSIDIARIES

DIVOT (VOICE TRANSLATORS)

- USE DIGITAL TO VOICE TRANSLATORS

DJIBOUTI

- GS NATIONS
 - . **DJIBOUTI**
- RT AFRICA

DME-A SATELLITE

- USE EXPLORER 31 SATELLITE

DMSP SATELLITES

- UF DEFENSE METEOROLOGICAL SATELLITE PROGRAM
- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . **DMSP SATELLITES**
 - MILITARY SPACECRAFT
 - . **DMSP SATELLITES**
- RT AIR DEFENSE
 - ∞ DEFENSE
 - DEFENSE PROGRAM
 - METEOROLOGY
 - PHOTOMAPPING
 - PHOTORECONNAISSANCE
 - REMOTE SENSING
 - SATELLITE-BORNE PHOTOGRAPHY

DNA

- USE DEOXYRIBONUCLEIC ACID

DO-27 AIRCRAFT

- UF DORNIER DO-27 AIRCRAFT
- GS DORNIER AIRCRAFT
 - . **DO-27 AIRCRAFT**
 - GENERAL AVIATION AIRCRAFT
 - . **DO-27 AIRCRAFT**
 - LIGHT AIRCRAFT
 - . **DO-27 AIRCRAFT**
 - MONOPLANES
 - . **DO-27 AIRCRAFT**
 - PASSENGER AIRCRAFT
 - . **DO-27 AIRCRAFT**
 - UTILITY AIRCRAFT
 - . **DO-27 AIRCRAFT**
- RT ∞ AIRCRAFT

DO-28 AIRCRAFT

- UF DORNIER DO-28 AIRCRAFT
- GS DORNIER AIRCRAFT
 - . **DO-28 AIRCRAFT**
 - GENERAL AVIATION AIRCRAFT
 - . **DO-28 AIRCRAFT**
 - LIGHT AIRCRAFT
 - . **DO-28 AIRCRAFT**
 - MONOPLANES

DO-28 AIRCRAFT--(cont.)

- . **DO-28 AIRCRAFT**
- PASSENGER AIRCRAFT
- . **DO-28 AIRCRAFT**
- UTILITY AIRCRAFT
- . **DO-28 AIRCRAFT**
- RT ∞ AIRCRAFT

DO-31 AIRCRAFT

- UF DORNIER DO-31 AIRCRAFT
- GS DORNIER AIRCRAFT
 - . **DO-31 AIRCRAFT**
 - JET AIRCRAFT
 - . TURBOFAN AIRCRAFT
 - . **DO-31 AIRCRAFT**
 - MONOPLANES
 - . **DO-31 AIRCRAFT**
 - TRANSPORT AIRCRAFT
 - . **DO-31 AIRCRAFT**
 - V/STOL AIRCRAFT
 - . **DO-31 AIRCRAFT**
- RT ∞ AIRCRAFT

DOCKING

- USE SPACECRAFT DOCKING

DOCUMENT STORAGE

- RT DATA STORAGE
 - DOCUMENTATION
- ∞ FILES
 - REPRODUCTION (COPYING)
- ∞ STORAGE

DOCUMENTATION

- SN (LIMITED TO WRITTEN MATERIAL THAT ACCOMPANIES, EXPLAINS, SPECIFIES OR DESCRIBES EQUIPMENT OR SYSTEMS)
- GS LITERATURE
 - . **DOCUMENTATION**
- RT ACQUISITION
 - BIBLIOGRAPHIES
 - BIOGRAPHY
 - CASE HISTORIES
 - CATALOGS (PUBLICATIONS)
 - CONFERENCES
 - DATA RETRIEVAL
 - DOCUMENT STORAGE
 - DOCUMENTS
 - HISTORIES
 - INDEXES (DOCUMENTATION)
 - INFORMATION
 - INFORMATION DISSEMINATION
 - INFORMATION RETRIEVAL
 - KNOWLEDGE
 - LIBRARIES
 - NEWS
 - RECORDS
 - ∞ REFERENCE SYSTEMS
 - REPORTS
 - SELECTIVE DISSEMINATION OF INFORMATION
 - SPACE GLOSSARIES
 - SUMMARIES
 - TECHNICAL WRITING
 - TECHNOLOGY TRANSFER
 - TRANSLATING

DOCUMENTS

- UF PUBLICATIONS
- GS **DOCUMENTS**
 - . ABSTRACTS
 - . BIBLIOGRAPHIES
 - . CATALOGS (PUBLICATIONS)
 - . ASTRONOMICAL CATALOGS
 - . ENGINEERING DRAWINGS
 - . BLUEPRINTS
 - . HANDBOOKS
 - . USER MANUALS (COMPUTER PROGRAMS)
 - . MANUALS
 - . INSTALLATION MANUALS
 - . USER MANUALS (COMPUTER PROGRAMS)
 - . PAPERS
 - . PERIODICALS
 - . POSTLAUNCH REPORTS
 - . PRESIDENTIAL REPORTS
 - . RECORDS
 - . VIDEO DISKS
 - . SUPPLEMENTS
 - . TEXTBOOKS
 - . TEXTS
 - . THESES
- RT CONFERENCES
 - CONGRESSIONAL REPORTS

DOCUMENTS--(cont.)

- COPYRIGHTS
- DICTIONARIES
- DOCUMENTATION
- DRAWINGS
- FORMAT
- HARDWARE UTILIZATION LISTS
- INDEXES (DOCUMENTATION)
- INFORMATION RETRIEVAL
- LIBRARIES
- LITERATURE
- REPORTS
- TECHNOLOGY TRANSFER

DODGE SATELLITE

- GS ARTIFICIAL SATELLITES
 - . **DODGE SATELLITE**

DOGHOUSES (ELECTRONICS)

- GS HOUSINGS
 - . **DOGHOUSES (ELECTRONICS)**
 - RADAR EQUIPMENT
 - . **DOGHOUSES (ELECTRONICS)**
- RT ENCLOSURES
 - RADAR ANTENNAS

DOGS

- GS ANIMALS
 - . VERTEBRATES
 - . MAMMALS
 - . . . **DOGS**

DOLLIES

- GS SURFACE VEHICLES
 - . **DOLLIES**
- RT CARRIAGES
 - MATERIALS HANDLING
 - SLEDS
 - TRUCKS
 - UNDERCARRIAGES

DOLOMITE (MINERAL)

- GS CARBON COMPOUNDS
 - . CARBONATES
 - . . . **DOLOMITE (MINERAL)**
 - MAGNESIUM COMPOUNDS
 - . **DOLOMITE (MINERAL)**
 - MINERALS
 - . **DOLOMITE (MINERAL)**
- RT AGGREGATES
 - LIMESTONE
 - ROCKS
 - SEDIMENTARY ROCKS

DOLPHINS

- GS ANIMALS
 - . VERTEBRATES
 - . MAMMALS
 - . . . MARINE MAMMALS
 - **DOLPHINS**

DOMAIN WALL

- RT DOMAINS
 - MAGNETIC DOMAINS
- ∞ MOTION

DOMAINS

- GS **DOMAINS**
 - . MAGNETIC DOMAINS
- RT DIPOLE MOMENTS
 - DOMAIN WALL
 - ELECTRICAL PROPERTIES
 - RANGE (EXTREMES)

∞ DOMES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DOMES (GEOLOGY)
 - DOMES (STRUCTURAL FORMS)

DOMES (GEOLOGY)

- RT ANTICLINES
 - ∞ DOMES
 - GEOLOGY
 - GEOSYNCLINES
 - SYNCLINES

DOMES (STRUCTURAL FORMS)

- GS SHELLS (STRUCTURAL FORMS)
 - . **DOMES (STRUCTURAL FORMS)**
 - . RADOMES
- RT ∞ CUPOLAS
 - ∞ DOMES

DOMES (STRUCTURAL FORMS)--(cont.)

HEMISPHERICAL SHELLS
HOUSINGS
PRESSURE VESSELS
PROTUBERANCES

DOMESTIC ENERGY

RT ALLOCATIONS
COMMERCIAL ENERGY
DISTRIBUTING
ECONOMIC FACTORS
∞ ENERGY
ENERGY CONSUMPTION
ENERGY CONVERSION
INDUSTRIAL ENERGY
SOLAR COOLING
SOLAR HOUSES
TRANSPORTATION ENERGY
WATER HEATING

DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS

RT COMMUNICATION SATELLITES
DIRECT BROADCAST SATELLITES
MICROWAVE TRANSMISSION
RCA SATCOM SATELLITES
SATELLITE NETWORKS
SATELLITE TRANSMISSION
∞ SYSTEMS

DOMINANCE

GS **DOMINANCE**
. EYE DOMINANCE
RT GENETICS

DOMINICA

GS LANDFORMS
. ISLANDS
. WEST INDIES
. . . **DOMINICA**
NATIONS
. **DOMINICA**

DOMINICAN REPUBLIC

GS NATIONS
. **DOMINICAN REPUBLIC**
RT CARIBBEAN REGION
CARIBBEAN SEA

DOMINO PROPELLANTS

GS PROPELLANTS
. HIGH ENERGY PROPELLANTS
. . **DOMINO PROPELLANTS**
RT PLASTICIZERS
ROCKET OXIDIZERS
SOLID ROCKET PROPELLANTS

DONNELL EQUATIONS

RT BUCKLING
∞ EQUATIONS
STRESS ANALYSIS

DONOR MATERIALS

GS SEMICONDUCTORS (MATERIALS)
. **DONOR MATERIALS**
RT CARRIER DENSITY (SOLID STATE)
ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
∞ MATERIALS
MODULATION DOPING

DOORS

UF EXITS (DOORS)
RT AIR LOCKS
APERTURES
CURTAINS
EGRESS
ENTRANCES
FLOORS
GATES (OPENINGS)
HATCHES
INGRESS (SPACECRAFT PASSAGEWAY)
OPENINGS
OUTLETS
∞ THRESHOLDS
WINDOWS (APERTURES)

DOPA

UF DIHYDROXYPHENYLALANINE
GS ACIDS
. AMINO ACIDS
. . **DOPA**
ORGANIC COMPOUNDS
. AMINO ACIDS

DOPA--(cont.)

. . **DOPA**
RT ∞ CHEMICAL COMPOUNDS
MELANIN
OXIDATION
PIGMENTS

DOPED CRYSTALS

GS CRYSTALS
. **DOPED CRYSTALS**
RT CRYSTAL GROWTH
CRYSTAL OPTICS
CRYSTAL STRUCTURE
GADOLINIUM-GALLIUM GARNET
MODFETS
MODULATION DOPING

DOPES

RT ADDITIVES
FILLERS
FINISHES
GELS
PRIMERS (COATINGS)
SEALERS

DOPING (ADDITIVES)

USE ADDITIVES

DOPPLER EFFECT

UF DOVAP
STELLAR DOPPLER SHIFT
GS **DOPPLER EFFECT**
. DOPPLER-FIZEAU EFFECT
RT ∞ EFFECTS
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
FIZEAU EFFECT
FREQUENCY SHIFT
OPTICAL HETERODYNING
RADIAL VELOCITY
RED SHIFT
SATELLITE DOPPLER POSITIONING
STELLAR MOTIONS

DOPPLER NAVIGATION

GS NAVIGATION
. **DOPPLER NAVIGATION**
RT AIR NAVIGATION
ALL-WEATHER AIR NAVIGATION
DEAD RECKONING
RADAR NAVIGATION
RADIO NAVIGATION
SATELLITE DOPPLER POSITIONING

DOPPLER RADAR

GS RADAR
. **DOPPLER RADAR**
. . MULTISTATIC RADAR
RT AIRBORNE RADAR
COHERENT RADAR
CONTINUOUS WAVE RADAR
MONOPULSE RADAR
MOVING TARGET INDICATORS
POLYSTATION DOPPLER TRACKING
SYSTEM
PULSE RADAR
RADAR DETECTION
RADAR EQUIPMENT
RADAR NAVIGATION
RADAR NETWORKS
RADAR TRACKING
SATELLITE DOPPLER POSITIONING
SURVEILLANCE RADAR

DOPPLER-FIZEAU EFFECT

GS DOPPLER EFFECT
. **DOPPLER-FIZEAU EFFECT**
RT ∞ EFFECTS
FIZEAU EFFECT
FREQUENCY SHIFT
RADAR NAVIGATION
RED SHIFT
STELLAR MOTIONS

DORNIER AIRCRAFT

GS **DORNIER AIRCRAFT**
. DO-27 AIRCRAFT
. DO-28 AIRCRAFT
. DO-31 AIRCRAFT
RT ∞ AIRCRAFT

DORNIER DO-27 AIRCRAFT

USE DO-27 AIRCRAFT

DORNIER DO-28 AIRCRAFT

USE DO-28 AIRCRAFT

DORNIER DO-31 AIRCRAFT

USE DO-31 AIRCRAFT

DORNIER PARAGLIDER ROCKET VEHICLE

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. . **DORNIER PARAGLIDER ROCKET VEHICLE**
. SOUNDING ROCKETS
. . **DORNIER PARAGLIDER ROCKET VEHICLE**
RT LIQUID PROPELLANT ROCKET ENGINES

DORSAL SECTIONS

RT ANATOMY
POSTERIOR SECTIONS

DOSAGE

UF DOSE
GS **DOSAGE**
. RADIATION DOSAGE
. SUBLETHAL DOSAGE
RT BIOLOGICAL EFFECTS
DOSIMETERS
DRUGS
RADIATION MEASUREMENT

DOSE

USE DOSAGE

DOSIMETERS

UF DOSIMETRY
GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. . RADIATION DETECTORS
. . . **DOSIMETERS**
. . . THRESHOLD DETECTORS
(DOSIMETERS)
RT ACTINOMETERS
DOSAGE
EXPOSURE
FLUX (RATE)
FLUX DENSITY
GEIGER COUNTERS
IONIZATION CHAMBERS
IRRADIATION
NEUTRON COUNTERS
NUCLEAR EMULSIONS
PHOTOGRAPHIC MEASUREMENT
PROPORTIONAL COUNTERS
RADIANT FLUX DENSITY
RADIATION COUNTERS
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION HAZARDS
RADIATION MEASUREMENT
RADIOBIOLOGY

DOSIMETRY

USE DOSIMETERS

DOUBLE BASE PROPELLANTS

UF CORDITE
GS PROPELLANTS
. **DOUBLE BASE PROPELLANTS**
. . DOUBLE BASE ROCKET PROPELLANTS
RT CELLULOSE NITRATE
COMPOSITE PROPELLANTS
ENDOTHERMIC FUELS
EXPLOSIVES
NITROGLYCERIN
PLASTISOLS
PYROTECHNICS

DOUBLE BASE ROCKET PROPELLANTS

GS GELS
. **DOUBLE BASE ROCKET PROPELLANTS**
PROPELLANTS
. DOUBLE BASE PROPELLANTS
. . **DOUBLE BASE ROCKET PROPELLANTS**
. . . SOLID ROCKET PROPELLANTS
. . . **DOUBLE BASE ROCKET PROPELLANTS**
. . . SOLID PROPELLANTS
. . . SOLID ROCKET PROPELLANTS
. . . **DOUBLE BASE ROCKET PROPELLANTS**

DOUBLE BASE ROCKET PROPELLANTS--(cont.)

RT CELLULOSE NITRATE
COMPOSITE PROPELLANTS
EXPLOSIVES
NITROGLYCERIN

DOUBLE CUSPS

UF OSCULATIONS
GS GEOMETRY
CUSPS (MATHEMATICS)
DOUBLE CUSPS
RT CUSPS

DOUBLE PRECISION ARITHMETIC

GS NUMBER THEORY
ARITHMETIC
DOUBLE PRECISION ARITHMETIC
RT ARITHMETIC AND LOGIC UNITS
NUMBERS

DOUBLE SIDEBAND TRANSMISSION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
RT MODULATION
SIDEBANDS
SINGLE SIDEBAND TRANSMISSION
TELEVISION TRANSMISSION
WAVE PROPAGATION

DOUBLE STARS

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
CATAclysmic VARIABLES
COMPANION STARS
NEMESIS (STAR)
ECLIPSING BINARY STARS
DWARF NOVAE
LAMBDA TAURI STARS
ZETA AURIGAE STAR
SIGMA ORIONIS
SYMBIOTIC STARS
X RAY BINARIES
RT ASTROMETRY
STELLAR MOTIONS

DOUGHNUT SHAPE WHEELS

USE TOROIDAL WHEELS

DOUGLAS AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
DOUGLAS AIRCRAFT
A-1 AIRCRAFT
A-3 AIRCRAFT
A-4 AIRCRAFT
B-66 AIRCRAFT
C-9 AIRCRAFT
C-47 AIRCRAFT
C-54 AIRCRAFT
C-118 AIRCRAFT
C-124 AIRCRAFT
C-133 AIRCRAFT
D-558 AIRCRAFT
DC 3 AIRCRAFT
DC 7 AIRCRAFT
DC 8 AIRCRAFT
DC 9 AIRCRAFT
DC 10 AIRCRAFT
PD-808 AIRCRAFT
X-3 AIRCRAFT
RT AIRCRAFT

DOUGLAS D-558 AIRCRAFT

USE D-558 AIRCRAFT

DOUGLAS DC-3 AIRCRAFT

USE DC 3 AIRCRAFT

DOUGLAS DC-7 AIRCRAFT

USE DC 7 AIRCRAFT

DOUGLAS DC-8 AIRCRAFT

USE DC 8 AIRCRAFT

DOUGLAS DC-9 AIRCRAFT

USE DC 9 AIRCRAFT

DOUGLAS PD-808 AIRCRAFT

USE PD-808 AIRCRAFT

DOVAP

USE DOPPLER EFFECT

DOWN-CONVERTERS

GS FREQUENCY CONVERTERS
DOWN-CONVERTERS
RT CONVERTERS
FREQUENCY DIVIDERS

DOWNBURSTS

GS STORMS
STORMS (METEOROLOGY)
DOWNBURSTS
MICROBURSTS (METEOROLOGY)
RT AVIATION METEOROLOGY
FLIGHT HAZARDS
THUNDERSTORMS
VERTICAL AIR CURRENTS
WIND SHEAR

DOWNLINKING

RT CARRIER TO NOISE RATIOS
COMMUNICATION SATELLITES
FREQUENCY REUSE
GROUND STATIONS
MICROWAVE TRANSMISSION
SATELLITE TRANSMISSION
TRANSMISSION EFFICIENCY
UPLINKING

DOWNRANGE

RT BALLISTIC RANGES
BALLISTIC TRAJECTORIES
FLIGHT TESTS
IMPACT PREDICTION
MISSILE RANGES
RECOVERY ZONES
TEST RANGES
TOUCHDOWN
TRAJECTORIES

DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM

UF DAMP PROGRAM
GS PROGRAMS
DOWNRANGE ANTIMISSILE
MEASUREMENT PROGRAM
RT MEASUREMENT

DOWNRANGE MEASUREMENT

RT MEASUREMENT
TEST RANGES

DOWNTIME

GS TIME
DOWNTIME
RT FAILURE
INVENTORY MANAGEMENT
LOGISTICS
MAINTENANCE
MALFUNCTIONS
MTBF
RELIABILITY
SPARE PARTS
SYSTEM FAILURES
TURNAROUND (STS)

DOWNWASH

RT BACKWASH
DRAFT
GROUND EFFECT (AERODYNAMICS)
HELICOPTER WAKES
LIFT AUGMENTATION
PERIPHERAL JET FLOW
UPWASH
WAKES

DPCM (MODULATION)

USE DIFFERENTIAL PULSE CODE
MODULATION

DRACONID METEORIDS

GS CELESTIAL BODIES
METEOROID SHOWERS
DRACONID METEORIDS
METEORIDS
DRACONID METEORIDS
RT GIACOBINI-ZINNER COMET

DRAFT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOUNDARY LAYERS
DOWNWASH
DRAFT (GAS FLOW)
DRAFTING (DRAWING)
UPWASH
WAKES

DRAFT (GAS FLOW)

RT DRAFT
FLUES
VENTILATION

DRAFTING (DRAWING)

RT DRAFT
DRAWING
DRAWINGS
GRAPHIC ARTS

DRAFTING MACHINES

RT COMPUTER AIDED DESIGN
DESIGN
MACHINERY

DRAG

UF DRAG EFFECT
GS DYNAMIC CHARACTERISTICS
DRAG
ELECTROSTATIC DRAG
FRICTION DRAG
AERODYNAMIC DRAG
SUPERSONIC DRAG
VISCOUS DRAG
INDUCED DRAG
MINIMUM DRAG
PRESSURE DRAG
SUPERSONIC DRAG
WAVE DRAG
INTERFERENCE DRAG
SATELLITE DRAG
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMICS
BOUNDARY LAYERS
DRAG COEFFICIENTS
DRAG MEASUREMENT
FRICTION
GRAVITATION
GROUND EFFECT (AERODYNAMICS)
LIFT
SKIN FRICTION
WAKES

DRAG BALANCE

USE AERODYNAMIC BALANCE
LIFT DRAG RATIO

DRAG CHUTES

UF DROGUE PARACHUTES
GS BRAKES (FOR ARRESTING MOTION)
AERODYNAMIC BRAKES
DRAG CHUTES
DRAG DEVICES
AERODYNAMIC BRAKES
DRAG CHUTES
PARACHUTES
DRAG CHUTES
RT AIRCRAFT BRAKES
AIRDROPS
BALLUTES
RIBBON PARACHUTES
TOWED BODIES

DRAG COEFFICIENTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AERODYNAMIC COEFFICIENTS
AERODYNAMIC DRAG
DRAG
HYDRODYNAMIC COEFFICIENTS

DRAG DEVICES

UF DRAGULATORS
GS DRAG DEVICES
AERODYNAMIC BRAKES
BALLUTES
DRAG CHUTES
PARAVULCOONS
SPLIT FLAPS
WING FLAPS
LEADING EDGE FLAPS
LEADING EDGE SLATS

DRAG DEVICES--(cont.)

... TRAILING EDGE FLAPS
... VORTEX FLAPS
... SPOILERS
RT ABORT APPARATUS
AIRCRAFT BRAKES
BOUNDARY LAYER CONTROL
BRAKES (FOR ARRESTING MOTION)
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
LIFT DEVICES
SKIN FRICTION
VORTEX ALLEVIATION

DRAG EFFECT

USE DRAG

DRAG FORCE ANEMOMETERS

GS MEASURING INSTRUMENTS
... ANEMOMETERS
... **DRAG FORCE ANEMOMETERS**
RT FLOW MEASUREMENT
∞ INSTRUMENTS
VELOCITY MEASUREMENT

DRAG MEASUREMENT

GS MECHANICAL MEASUREMENT
... **DRAG MEASUREMENT**
RT AERODYNAMIC DRAG
DRAG
ELECTROSTATIC DRAG
FLOW MEASUREMENT
∞ MEASUREMENT
MEASURING INSTRUMENTS

DRAG REDUCTION

RT AERODYNAMIC DRAG
FLUID FLOW
FRICTION
INDUCED DRAG
LIFT DRAG RATIO
∞ REDUCTION
RIBLETS
WINGLETS

DRAGULATORS

USE BRAKES (FOR ARRESTING MOTION)
DRAG DEVICES

DRAINAGE

UF DRAINING
RUNOFFS
RT ∞ DISCHARGE
EVACUATING (VACUUM)
EXCAVATION
FLOOD CONTROL
HYDROLOGY
HYDROLOGY MODELS
IRRIGATION
LIQUID WASTES
MINES (EXCAVATIONS)
PERMEABILITY
∞ PUMPING
SEEPAGE
SEWERS
SUMPS
TUNNELING (EXCAVATION)
WASTE DISPOSAL
WATER FLOW
WATER RUNOFF
WATER TABLES

DRAINAGE PATTERNS

UF DENDRITIC DRAINAGE
INTERLACING DRAINAGE
RADIAL DRAINAGE PATTERNS
RECTANGULAR DRAINAGE
RT ARROYOS
DIVIDES (LANDFORMS)
FLOOD DAMAGE
HYDROLOGY
IRRIGATION
MISSISSIPPI RIVER (US)
∞ PATTERNS
PRECIPITATION (METEOROLOGY)
TRIBUTARIES
WATER EROSION
WATER FLOW
WATERSHEDS

DRAINING

USE DRAINAGE

∞ DRAWING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BUNDLE DRAWING
COLD DRAWING
DRAFTING (DRAWING)
DRAWINGS
EXTRUDING
LAYOUTS
METAL DRAWING
PULLING
RECORDS
STRETCH FORMING
STRETCHING
TEMPERING

DRAWINGS

UF ELEVATIONS (DRAWINGS)
GS **DRAWINGS**
... ENGINEERING DRAWINGS
... BLUEPRINTS
RT CHARTS
∞ CROSS SECTIONS
DIAGRAMS
DIMENSIONS
DOCUMENTS
DRAFTING (DRAWING)
∞ DRAWING
GRAPHIC ARTS
INKS
LAYOUTS
∞ PLANS
∞ PROJECTION
REPRESENTATIONS
REPRODUCTION (COPYING)
SPECIFICATIONS
∞ TRACING
VISUAL AIDS

DRC (CAPSULE)

USE DISCOVERER RECOVERY CAPSULES

DREAMS

RT RAPID EYE MOVEMENT STATE
SLEEP

DREDGED MATERIALS

RT CHANNEL FLOW
∞ CHANNELS
∞ MATERIALS
SEDIMENTS

DREDGING

RT ARTIFICIAL HARBORS
HARBORS
MINERAL DEPOSITS
MINING
UNDERWATER RESOURCES

∞ DRIFT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT DEVIATION
DIVERGENCE
DRIFT (INSTRUMENTATION)
DRIFT RATE
FLIGHT PATHS
IONOSPHERIC DRIFT
STABILITY

DRIFT (INSTRUMENTATION)

UF INSTRUMENT DRIFT
RT ACCURACY
CIRCUIT RELIABILITY
∞ DRIFT
DRIFT RATE
DYNAMIC STABILITY
ERRORS
INSTRUMENT ERRORS
STATIC STABILITY
TOLERANCES (MECHANICS)

DRIFT RATE

GS RATES (PER TIME)
... **DRIFT RATE**
RT ∞ DRIFT
DRIFT (INSTRUMENTATION)
IONOSPHERIC DRIFT
MOBILITY
ORBIT PERTURBATION
ORBITAL MECHANICS
ROTATING PLASMAS
STABILITY

DRIFT RATE--(cont.)

TRAJECTORY CONTROL

DRILL BITS

GS CUTTERS
... **DRILL BITS**
TOOLS
... **DRILL BITS**
RT BITS
DRILLING
DRILLS

DRILLING

GS **DRILLING**
... LASER DRILLING
RT BOREHOLES
CORE SAMPLING
CUTTING
DRILL BITS
DRILLS
EXPLORATION
MACHINING
MICROMACHINING
NATURAL GAS EXPLORATION
OFFSHORE ENERGY SOURCES
OIL EXPLORATION
OIL FIELDS
PENETRATION
PERFORATING
PIERCING
TUNNELING (EXCAVATION)
WELLS

DRILLS

GS CUTTERS
... **DRILLS**
RT BORING MACHINES
COMPRESSED AIR
DRILL BITS
DRILLING
MACHINE TOOLS
TAPS
TOOLS

DRINKING

GS INGESTION (BIOLOGY)
... **DRINKING**
RT BEVERAGES
SWALLOWING

∞ DRIVES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT MECHANICAL DRIVES
MOTIVATION
PROPULSION
SEX
SLEEP
WIND TUNNEL DRIVES

DROGUE PARACHUTES

USE DRAG CHUTES

DROGUES

USE TOWED BODIES

DRONE AIRCRAFT

UF DRONE HELICOPTERS
GS DRONE VEHICLES
... **DRONE AIRCRAFT**
... TARGET DRONE AIRCRAFT
... FIREBEE 2 TARGET DRONE AIRCRAFT
... JINDIVIK TARGET AIRCRAFT
PILOTLESS AIRCRAFT
... **DRONE AIRCRAFT**
... TARGET DRONE AIRCRAFT
... FIREBEE 2 TARGET DRONE AIRCRAFT
... JINDIVIK TARGET AIRCRAFT
RT ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
DAST PROGRAM
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
OBLIQUE WINGS
REMOTE PILOTED VEHICLES
RESEARCH AIRCRAFT
V/STOL AIRCRAFT

DRONE HELICOPTERS

USE DRONE AIRCRAFT
HELICOPTERS

DRONE VEHICLES

- GS **DRONE VEHICLES**
 - . DRONE AIRCRAFT
 - . . . TARGET DRONE AIRCRAFT
 - . . . FIREBEE 2 TARGET DRONE AIRCRAFT
 - . . . JINDIVIK TARGET AIRCRAFT
- RT ∞ MILITARY AIRCRAFT
 - . PILOTLESS AIRCRAFT
 - . SANDPIPER TARGET MISSILE
- ∞ VEHICLES
 - . WINGED VEHICLES

DRONES FOR AERODYNAMIC AND STRUCT TEST

- USE DAST PROGRAM

DROOPED AIRFOILS

- GS AERODYNAMIC CONFIGURATIONS
 - . **DROOPED AIRFOILS**
 - . AIRCRAFT CONFIGURATIONS
 - . **DROOPED AIRFOILS**
 - . AIRFOILS
 - . **DROOPED AIRFOILS**
- RT BODY-WING CONFIGURATIONS
 - . WING ROOTS
 - . WINGS

∞ DROP

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DROPS (LIQUIDS)
 - . GRADIENTS

DROP CALORIMETERS

- GS MEASURING INSTRUMENTS
 - . CALORIMETERS
 - . . . **DROP CALORIMETERS**
- RT BOMB CALORIMETERS
 - . FLAME CALORIMETERS
 - . HEAT MEASUREMENT
 - . HIGH TEMPERATURE TESTS
 - . TEMPERATURE MEASURING INSTRUMENTS

DROP SIZE

- RT CLOUD PHYSICS
 - . CLOUDS (METEOROLOGY)
 - . CONDENSATES
 - . CONDENSING
 - . FOG
 - . HUMIDITY
 - . HYDROGEN CLOUDS
 - . NUCLEATION
 - . PARTICLE DIFFUSION
 - . PARTICLE SIZE DISTRIBUTION
- ∞ PRECIPITATION
 - . PRECIPITATION PARTICLE MEASUREMENT
 - . RAINDROPS
 - . SIZE DISTRIBUTION

DROP TESTS

- UF DROP WEIGHT TESTS
- RT CHARPY IMPACT TEST
 - . DESTRUCTIVE TESTS
 - . IMPACT TESTING MACHINES
 - . IMPACT TESTS
 - . NOTCH TESTS
 - . SHOCK TESTS
- ∞ TESTS

DROP TOWERS

- UF DROP TUBES
- RT FALLING SPHERES
 - . GRAVITATIONAL EFFECTS
 - . LOW GRAVITY MANUFACTURING
 - . MICROGRAVITY
 - . WEIGHTLESSNESS

DROP TRANSFER

- GS TRANSFERRING
 - . **DROP TRANSFER**
- RT ARC MELTING
 - . MELTING
 - . PLASMA JETS
 - . REFINING

DROP TUBES

- USE DROP TOWERS

DROP WEIGHT TESTS

- USE DROP TESTS

DROPOUTS

- RT CIRCUIT BREAKERS
 - . ELECTRIC CONTACTS
 - . ELECTRIC SWITCHES
 - . SWITCHES

DROPS (LIQUIDS)

- UF LIQUID DROPS
- GS PARTICLES
 - . **DROPS (LIQUIDS)**
 - . . . RAINDROPS
- RT AIR POLLUTION
 - . CONDENSATION NUCLEI
 - . CONDENSING
- ∞ DROP
 - . SPRAYERS

DROPSONDES

- GS MEASURING INSTRUMENTS
 - . METEOROLOGICAL INSTRUMENTS
 - . **DROPSONDES**
 - . SONDES
 - . **DROPSONDES**
- RT METEOROLOGICAL BALLOONS
 - . RADIOSONDES
 - . RAWINSONDES

DROSOPHILA

- GS ANIMALS
 - . INVERTEBRATES
 - . . . ARTHROPODS
 - . . . INSECTS
 - **DROSOPHILA**
- RT CHIRONOMUS FLIES

DROUGHT

- UF DROUGHT CONDITIONS
- RT ARID LANDS
 - . CONSERVATION
 - . DESERTIFICATION
 - . FLOODS
 - . HYDROLOGY
 - . POTABLE WATER
 - . PRECIPITATION (METEOROLOGY)
 - . WATER CONSUMPTION
 - . WATER MANAGEMENT
 - . WATER POLLUTION
 - . WATER RECLAMATION

DROUGHT CONDITIONS

- USE DROUGHT

DROWSINESS

- USE SLEEP

DRUG THERAPY

- USE CHEMOTHERAPY

DRUGS

- GS **DRUGS**
 - . ADRENERGICS
 - . AMINOPHYLLINE
 - . ANESTHETICS
 - . . . CHLOROFORM
 - . . . CYCLOPROPANE
 - . . . METHYL CHLORIDE
 - . . . NOVOCAIN
 - . ANTIADRENERGICS
 - . ANTIBIOTICS
 - . . . ACTINOMYCIN
 - . . . PENICILLIN
 - . . . PLEUROTIN
 - . . . STREPTOMYCIN
 - . . . TETRACYCLINES
 - . ANTICONVULSANTS
 - . ANTIDIURETICS
 - . ANTIDOTES
 - . ANTIEMETICS AND ANTINAUSEANTS
 - . ANTIHISTAMINICS
 - . . . DIMENHYDRINATE
 - . . . DIPHENYL HYDANTOIN
 - . . . PROMETHAZINE
 - . ANTIHYPERTENSIVE AGENTS
 - . ANTIINFECTIVES AND ANTIBACTERIALS
 - . ANTIRADIATION DRUGS
 - . . . CYSTEAMINE
 - . CENTRAL NERVOUS SYSTEM DEPRESSANTS
 - . CHOLINERGICS
 - . . . ANTICHOLINERGICS
 - . . . CORTISONE
 - . . . CYSTEINE
 - . DECONGESTANTS
 - . . . DIGITALIS
 - . . . EPINEPHRINE

DRUGS--(cont.)

- . . . NOREPINEPHRINE
- . . . ERGOTAMINE
- . . . HEMOSTATICS
- . . . HISTAMINES
- . . . INSULIN
- . . . METHAMPHETAMINE
- . . . METRAZOL
- . . . MOTION SICKNESS DRUGS
- . . . MUSCLE RELAXANTS
- . . . NARCOTICS
- . . . MORPHINE
- . . . NEMBUTAL (TRADEMARK)
- . . . PENTOBARBITAL SODIUM
- . . . RESERPINE
- . . . PSYCHOTROPIC DRUGS
- . . . MARIJUANA
- . . . SEDATIVES
- . . . STIMULANTS
- . . . ATROPINE
- . . . CAFFEINE
- . . . CENTRAL NERVOUS SYSTEM STIMULANTS
- . . . NORADRENALINE
- . . . NOREPINEPHRINE
- . . . TRANQUILIZERS
- . . . TRIMETHADIONE
- . . . VASOCONSTRICTOR DRUGS
- . . . HYPERTENSIN
- . . . SEROTONIN
- RT ALKALOIDS
- . ANALGESIA
- . ANESTHESIOLOGY
- . BIOFLAVONOIDS
- . BIOTIN
- . CHEMICAL DEFENSE
- . CHEMOTHERAPY
- . CURES
- . DOSAGE
- . ETHERS
- . PENTOBARBITAL
- . PHARMACOLOGY
- . PHENOBARBITAL
- . PSYCHOPHARMACOLOGY
- . QUINOLINE
- . SALICYLATES
- . SUBLETHAL DOSAGE
- . VACCINES
- . VITAMINS

DRUMLINS

- USE GLACIAL DRIFT

∞ DRUMS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ BARRELS
 - . ∞ CYLINDERS
 - . DRUMS (CONTAINERS)
 - . MAGNETIC DRUMS
 - . MAGNETIC STORAGE

DRUMS (CONTAINERS)

- SN (EXCLUDE MAGNETIC COMPUTER MEMORIES)
- RT BARRELS (CONTAINERS)
 - . ∞ BUCKETS
 - . CANS
 - . ∞ CONTAINERS
 - . ∞ CYLINDERS
 - . ∞ DRUMS
 - . TANKS (CONTAINERS)

DRY CELLS

- GS ELECTRIC GENERATORS
 - . DIRECT POWER GENERATORS
 - . . . PRIMARY BATTERIES
 - . . . **DRY CELLS**
 - MAGNESIUM CELLS
 - NICKEL ZINC BATTERIES
 - . ELECTROCHEMICAL CELLS
 - . . . ELECTRIC BATTERIES
 - . . . PRIMARY BATTERIES
 - . . . **DRY CELLS**
 - MAGNESIUM CELLS
 - NICKEL ZINC BATTERIES
- RT METAL AIR BATTERIES
 - . NICKEL CADMIUM BATTERIES
 - . STORAGE BATTERIES
 - . THERMAL BATTERIES

DRY FRICTION

- GS FRICTION
 - . **DRY FRICTION**

DRY FRICTION--(cont.)

RT ABRASION
KINETIC FRICTION
SLIDING FRICTION
STATIC FRICTION

DRY HEAT

GS HEAT
. DRY HEAT
RT GEOTHERMAL RESOURCES
GEOTHERMAL TECHNOLOGY
HIGH TEMPERATURE ENVIRONMENTS
HUMIDITY
OVENS

DRYDOCKS

RT ∞ PORTS
SEA LAUNCHING

DRYERS (EQUIPMENT)

USE DRYING APPARATUS

DRYING

UF DESICCATION
DEWETTING
GS **DRYING**
. DEHUMIDIFICATION
. DEHYDRATION
. FREEZE DRYING
RT ∞ ABSORPTION
BAKING
CONCENTRATING
CURING
DESATURATION
DEWATERING
DIFFUSION
ENTHALPY
EVAPORATION
FIRING (IGNITING)
ROASTING
∞ SEPARATION
SILICA GEL
WATER LOSS

DRYING APPARATUS

UF DRYERS (EQUIPMENT)
GS SEPARATORS
. **DRYING APPARATUS**
. DESICCATORS
RT ABSORBERS (EQUIPMENT)
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
DEHYDRATED FOOD
EVAPORATORS
FURNACES

DSIF (INSTRUMENTATION FACILITY)

USE DEEP SPACE INSTRUMENTATION
FACILITY

DSN (SPACE NETWORK)

USE DEEP SPACE NETWORK

DSN HELICOPTER

USE QH-50 HELICOPTER

DTA (ANALYSIS)

USE THERMAL ANALYSIS

DTL INTEGRATED CIRCUITS

UF DIODE-TRANSISTOR-LOGIC INTEG
CIRCUITS
GS CIRCUITS
. INTEGRATED CIRCUITS
. **DTL INTEGRATED CIRCUITS**
RT ELECTRONIC PACKAGING
LARGE SCALE INTEGRATION
MICROMINIATURIZATION
MOLECULAR ELECTRONICS
TRANSISTOR CIRCUITS

DTMB-111 GROUND EFFECT MACHINE

USE GROUND EFFECT MACHINES

DTMB-430 GROUND EFFECT MACHINE

USE GROUND EFFECT MACHINES

DUAL AIR DENSITY EXPLORER

UF DAD EXPLORER
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
. **DUAL AIR DENSITY EXPLORER**

DUAL FREQUENCY RADAR

USE MULTISPECTRAL RADAR

DUAL MODE PROPULSION

USE HYBRID PROPULSION

DUAL SPIN SPACECRAFT

RT OSO-7
∞ SPACECRAFT
SPACECRAFT STABILITY
SPIN STABILIZATION

DUAL THRUST NOZZLES

GS ROCKET NOZZLES
. **DUAL THRUST NOZZLES**
RT ∞ NOZZLES
THRUST

DUAL WING CONFIGURATIONS

RT BIPLANES
JOINED WINGS
TANDEM WING AIRCRAFT
WINGS

DUALITY PRINCIPLE

RT ∞ ANALYZING
CIRCUITS
EQUIVALENT CIRCUITS
NETWORK ANALYSIS
∞ PATHS
∞ PRINCIPLES
SIGNAL FLOW GRAPHS

DUALITY THEOREM

GS THEOREMS
. **DUALITY THEOREM**
RT HOMOMOLOGY
ISOMORPHISM
∞ MATHEMATICS
∞ RELATIONSHIPS

DUCT GEOMETRY

GS GEOMETRY
. **DUCT GEOMETRY**
RT AIR FLOW
ANNULAR DUCTS
CIRCULAR TUBES
DUMP COMBUSTORS
FLUID FLOW
INTAKE SYSTEMS
OPENINGS
SPATIAL MARCHING

DUCTED BODIES

RT ANNULAR DUCTS
AXISYMMETRIC BODIES
BLUFF BODIES
BLUNT BODIES
∞ BODIES
DUCTS
INTAKE SYSTEMS
NACELLES
NOSE INLETS
SHROUDS
SLENDER BODIES
TWO DIMENSIONAL BODIES

DUCTED FAN ENGINES

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **DUCTED FAN ENGINES**
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **DUCTED FAN ENGINES**
. TURBINE ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. TURBOJET ENGINES
. **DUCTED FAN ENGINES**
RT TURBOFAN ENGINES

DUCTED FANS

RT BLOWERS
FAN BLADES
∞ FANS
LIFT FANS
PROPELLER FANS
RING WINGS
SHROUDED PROPELLERS

DUCTED FANS--(cont.)

TURBOFANS
VENTILATION FANS

DUCTED FLOW

GS FLUID FLOW
. **DUCTED FLOW**
. KNUDSEN FLOW
RT AIR FLOW
CAVITY FLOW
CHANNEL FLOW
CHOKED FLOW
CORNER FLOW
DUMP COMBUSTORS
FLOW GEOMETRY
FUEL FLOW
HEAT TRANSMISSION
WALL FLOW

DUCTED PROPELLERS

USE SHROUDED PROPELLERS

DUCTED ROCKET ENGINES

GS ENGINES
. ROCKET ENGINES
. **DUCTED ROCKET ENGINES**
RT BOOSTER ROCKET ENGINES
∞ HYBRID ROCKET ENGINES
INTERNAL COMBUSTION ENGINES
LIQUID PROPELLANT ROCKET ENGINES
RESTARTABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
SUSTAINER ROCKET ENGINES

DUCTILITY

GS MECHANICAL PROPERTIES
. **DUCTILITY**
RT BRITTLENESS
COMPRESSIVE STRENGTH
CREEP PROPERTIES
ELONGATION
FATIGUE (MATERIALS)
FLATTENING
FRACTOGRAPHY
FRACTURE STRENGTH
HARDNESS
IMPACT STRENGTH
MALLEABILITY
METAL DRAWING
NOTCH STRENGTH
PLASTIC PROPERTIES
SHEAR PROPERTIES
SOFTNESS
STRESS RELAXATION
STRETCHING
TEMPER (METALLURGY)
TENSILE STRENGTH
TOUGHNESS
TRESCA FLOW
WELDABILITY

DUCTS

GS **DUCTS**
. ACOUSTIC DUCTS
. AIR DUCTS
. ANNULAR DUCTS
RT BAFFLES
CAVITIES
∞ CHANNELS
DUCTED BODIES
EXHAUST SYSTEMS
FLUES
INTAKE SYSTEMS
NOSE INLETS
OPENINGS
ORIFICES
OUTLETS
PIPES (TUBES)
PLENUM CHAMBERS
PORTS (OPENINGS)
SCOOPS
THROATS
∞ TUBES
VENTILATION
VENTS
WINDOWS (APERTURES)

DUFFING DIFFERENTIAL EQUATION

GS ALGEBRA
. NONLINEAR EQUATIONS
. **DUFFING DIFFERENTIAL EQUATION**
ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. DIFFERENTIAL EQUATIONS
. **DUFFING DIFFERENTIAL EQUATION**

DUFFING DIFFERENTIAL EQUATION--(cont.)

- ... NONLINEAR EQUATIONS
- ... **DUFFING DIFFERENTIAL EQUATION**
- RT ∞ EQUATIONS
- PROBABILITY THEORY

DULLNESS

- USE LUSTER

DUMMIES

- RT DECOYS
- MODELS
- SIMULATORS

DUMMY LOADS

- USE IMPEDANCE
- LOADING
- OUTPUT

DUMP COMBUSTORS

- GS COMBUSTION CHAMBERS
- ... **DUMP COMBUSTORS**
- RT COMBUSTIBLE FLOW
- COMBUSTION EFFICIENCY
- DUCT GEOMETRY
- DUCTED FLOW
- ENGINE PARTS
- FLAME HOLDERS
- FLOW VELOCITY
- INLET FLOW
- RAMJET ENGINES
- ROCKET ENGINES

DUMPING

- RT DISCONNECT DEVICES
- DISPOSAL
- EJECTION
- EMPTYING
- EXPULSION
- JETTISONING
- MATERIALS HANDLING
- OIL SLICKS
- RELEASING
- SPILLING
- SPREADING
- UNLOADING

DUNALIELLA

- GS PLANTS (BOTANY)
- ... ALGAE
- ... **DUNALIELLA**

DUNES

- UF BARCHANS
- COASTAL DUNES
- SAND DUNES
- GS LANDFORMS
- ... **DUNES**
- RT BEACHES
- COASTS
- DESERTS
- LAGOONS
- SAHARA DESERT (AFRICA)
- SANDS
- TOPOGRAPHY
- WIND EFFECTS

DUNGEYS WIND SHEAR MECHANISM

- USE WIND SHEAR

DUNITE

- GS ROCKS
- ... IGNEOUS ROCKS
- ... **DUNITE**
- RT MINERALS
- OLIVINE
- PERIDOTITE
- SOILS

DUOCHROMATORS

- RT ELECTROMAGNETIC RADIATION
- ∞ GENERATORS
- LIGHT SOURCES
- MEASURING INSTRUMENTS
- MONOCHROMATORS
- RADIATION SOURCES
- SPECTROPHOTOMETERS

DUOPLASMATRONS

- GS ION SOURCES
- ... PLASMATRONS
- ... **DUOPLASMATRONS**
- PLASMA GENERATORS
- ... PLASMATRONS

DUOPLASMATRONS--(cont.)

- ... **DUOPLASMATRONS**
- RT ELECTRIC DISCHARGES
- ION PROPULSION
- PLASMA PROPULSION
- PLASMAS (PHYSICS)
- SPUTTERING

DUPLEX OPERATION

- RT ∞ METALLURGY
- PHASE SHIFT CIRCUITS
- SWITCHING CIRCUITS

DUPLEXERS

- RT CIRCUITS
- CIRCULATORS (PHASE SHIFT CIRCUITS)
- MAGIC TEES
- MONOPULSE RADAR
- RECEIVERS
- SWITCHING CIRCUITS
- TRANSMITTERS

DUPLICATING

- USE REPRODUCTION (COPYING)

DURABILITY

- RT AIRCRAFT SURVIVABILITY
- CORROSION
- CUMULATIVE DAMAGE
- DAMAGE
- DEGRADATION
- DETERIORATION
- ∞ ENDURANCE
- LIFE (DURABILITY)
- LONG TERM EFFECTS
- MECHANICAL PROPERTIES
- ∞ PHYSICAL PROPERTIES
- QUALITY
- RELIABILITY
- ∞ RESISTANCE
- RUGGEDNESS
- STABILITY
- VULNERABILITY
- WEAR

DURATION

- USE TIME

DURENE

- GS ORGANIC COMPOUNDS
- ... CYCLIC COMPOUNDS
- ... CYCLIC HYDROCARBONS
- ... **DURENE**
- ... HYDROCARBONS
- ... CYCLIC HYDROCARBONS
- ... **DURENE**

DUST

- GS PARTICLES
- ... **DUST**
- ... COSMIC DUST
- ... INTERPLANETARY DUST
- ... METEOROID DUST CLOUDS
- ... ZODIACAL DUST
- ... LUNAR DUST
- ... TERRESTRIAL DUST BELT
- RT AEROSOLS
- AIR POLLUTION
- AITKEN NUCLEI
- CLEANING
- ∞ CLOUDS
- COMBUSTION PRODUCTS
- CONTAMINANTS
- DIRT
- ∞ DISPERSION
- DISPERSIONS
- FUMES
- PARTICULATES
- POLLEN
- POWDER (PARTICLES)
- R CORONAE BOREALIS STARS
- SANDS
- SMOKE
- SPACE DEBRIS

DUST COLLECTORS

- GS ACCUMULATORS
- ... **DUST COLLECTORS**
- SEPARATORS
- ... **DUST COLLECTORS**
- RT AIR FILTERS
- ELECTROSTATIC PRECIPITATORS
- EXHAUST SYSTEMS
- PRECIPITATORS

DUST STORMS

- GS STORMS
- ... STORMS (METEOROLOGY)
- ... **DUST STORMS**
- RT ATMOSPHERIC ELECTRICITY
- ATMOSPHERIC PHYSICS
- MARS (PLANET)
- MARS ENVIRONMENT
- MARS SURFACE
- WIND EFFECTS

DWARF GALAXIES

- GS CELESTIAL BODIES
- ... GALAXIES
- ... **DWARF GALAXIES**
- RT LOCAL GROUP (ASTRONOMY)

DWARF NOVAE

- GS CELESTIAL BODIES
- ... STARS
- ... DOUBLE STARS
- ... BINARY STARS
- ... ECLIPSING BINARY STARS
- ... **DWARF NOVAE**
- ... MAIN SEQUENCE STARS
- ... DWARF STARS
- ... **DWARF NOVAE**
- ... VARIABLE STARS
- ... NOVAE
- ... **DWARF NOVAE**
- RT HERCULES NOVA
- STELLAR MASS ACCRETION
- STELLAR MASS EJECTION
- WHITE DWARF STARS

DWARF STARS

- GS CELESTIAL BODIES
- ... STARS
- ... MAIN SEQUENCE STARS
- ... **DWARF STARS**
- ... DWARF NOVAE
- ... FLARE STARS
- ... RED DWARF STARS
- RT BROWN DWARF STARS
- CATAclysmic VARIABLES
- F STARS
- G STARS
- K STARS
- LATE STARS
- NEMESIS (STAR)
- SUBDWARF STARS
- SUBGIANT STARS
- WHITE DWARF STARS

DWELL

- RT DELAY
- IGNITION SYSTEMS
- TIMING DEVICES

DYADICS

- GS ALGEBRA
- ... POLYNOMIALS
- ... **DYADICS**
- RT VECTORS (MATHEMATICS)

DYE LASERS

- GS STIMULATED EMISSION DEVICES
- ... LASERS
- ... ORGANIC LASERS
- ... **DYE LASERS**
- RT DYES
- INFRARED LASERS
- LASER OUTPUTS
- LIQUID LASERS
- OPTICAL COMMUNICATION
- RHODAMINE
- TUNING
- TWO-WAVELENGTH LASERS

DYES

- GS **DYES**
- ... METHYLENE BLUE
- ... RHODAMINE
- ... THIAZINE (TRADEMARK)
- RT ACRIFLAVINE
- ANILINE
- ANTHRAQUINONES
- AZINES
- AZO COMPOUNDS
- DYE LASERS
- ∞ MARKERS
- METHYLENE
- PHENANTHRENE
- STILBENE

DYNA-SOAR SPACE GLIDER

USE X-20 AIRCRAFT

DYNAMIC CHARACTERISTICS

UF DYNAMIC PROPERTIES

GS **DYNAMIC CHARACTERISTICS**

. DRAG
 . . ELECTROSTATIC DRAG
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 . . . SUPERSONIC DRAG
 . . VISCIOUS DRAG
 . . INDUCED DRAG
 . . MINIMUM DRAG
 . . PRESSURE DRAG
 . . . SUPERSONIC DRAG
 . . . WAVE DRAG
 . . . INTERFERENCE DRAG
 . . SATELLITE DRAG
 . DYNAMIC PRESSURE
 . DYNAMIC STABILITY
 . . COMBUSTION STABILITY
 . . FLAME STABILITY
 . . CONTROL STABILITY
 . . FREQUENCY STABILITY
 . . MOTION STABILITY
 . . . AERODYNAMIC STABILITY
 . . . AIRCRAFT STABILITY
 . . . HOVERING STABILITY
 . . . ATTITUDE STABILITY
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 FLOW STABILITY
 BOUNDARY LAYER STABILITY
 FLAME STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 LOW SPEED STABILITY
 ROTARY STABILITY
 GYROSCOPIC STABILITY
 SPACECRAFT STABILITY
 . . FLOW CHARACTERISTICS
 . . FLOW DISTRIBUTION
 . . FLOW STABILITY
 . . . BOUNDARY LAYER STABILITY
 . . . FLAME STABILITY
 . . . MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 . . FLOW VELOCITY
 . . LIFT
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 . . TRANSIENT RESPONSE
 RT ACCURACY
 AERODYNAMIC BALANCE
 AERODYNAMIC CHARACTERISTICS
 AMPLIFICATION
 AUTOMATIC CONTROL
 AUTOMATIC CONTROL VALVES
 BANDWIDTH
 ∞ CHARACTERISTICS
 ∞ CONTROL
 ∞ DAMPING
 DISTRIBUTION (PROPERTY)
 DYNAMIC RANGE
 ∞ DYNAMICS
 ∞ EQUILIBRIUM
 ERRORS
 ∞ FREQUENCY RESPONSE
 HYSTERESIS
 IMPEDANCE
 LINEARITY
 OCEAN DYNAMICS
 PRECISION
 ∞ PROPERTIES
 RANGE (EXTREMES)
 REACTION TIME
 RELIABILITY
 REMOTE CONTROL
 RESOLUTION
 RESONANT FREQUENCIES
 ROTOR DYNAMICS
 SENSITIVITY
 STABILITY
 TIME CONSTANT
 TRANSFER FUNCTIONS

DYNAMIC CONTROL

GS AUTOMATIC CONTROL

DYNAMIC CONTROL--(cont.)

RT **DYNAMIC CONTROL**

ADAPTIVE CONTROL
 AEROSERVOELASTICITY
 ∞ CONTROL
 CONTROL THEORY
 ∞ DYNAMICS
 FEEDBACK CONTROL
 INVERSE KINEMATICS
 MODEL REFERENCE ADAPTIVE CONTROL
 ROBOT CONTROL
 ROBOT DYNAMICS

DYNAMIC LOADS

GS LOADS (FORCES)

. **DYNAMIC LOADS**
 . . AERODYNAMIC LOADS
 . . . BLAST LOADS
 . . . GUST LOADS
 . . CONTACT LOADS
 . . . ROLLING CONTACT LOADS
 . . CYCLIC LOADS
 . . THRUST LOADS
 . . TRANSIENT LOADS
 . . . GUST LOADS
 . . . IMPACT LOADS
 . . . LANDING LOADS
 . . . SHOCK LOADS
 BLAST LOADS
 VARIABLE AMPLITUDE LOADING
 . . VIBRATORY LOADS
 . . WING LOADING
 RT AXIAL COMPRESSION LOADS
 AXIAL LOADS
 COMPRESSION LOADS
 CRITICAL LOADING
 ∞ DYNAMICS
 EDGE LOADING
 GAS-SOLID INTERACTIONS
 NASTRAN
 RANDOM LOADS
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 TRANSVERSE LOADS
 WIND PRESSURE

DYNAMIC MODELS

GS MODELS

. **DYNAMIC MODELS**
 RT AIRCRAFT MODELS
 BIOLOGICAL MODELS (MATHEMATICS)
 BOND GRAPHS
 ∞ DYNAMICS
 MATHEMATICAL MODELS
 OCEAN MODELS
 PETRI NETS
 POWERED MODELS
 SIMILARITY THEOREM
 SPACECRAFT MODELS
 STATIC MODELS
 SYSTEMS SIMULATION
 WIND TUNNEL MODELS

DYNAMIC MODULUS OF ELASTICITY

GS MECHANICAL PROPERTIES

. ELASTIC PROPERTIES
 . . MODULUS OF ELASTICITY
 . . . **DYNAMIC MODULUS OF ELASTICITY**

RT ∞ DYNAMICS

ULTRASONIC TESTS

DYNAMIC PRESSURE

GS DYNAMIC CHARACTERISTICS

. **DYNAMIC PRESSURE**
 PRESSURE
 . **DYNAMIC PRESSURE**
 RT BLAST LOADS
 CONTACT LOADS
 ∞ DYNAMICS
 IMPACT LOADS
 KINETIC THEORY
 OVERPRESSURE
 RIEMANN WAVES

DYNAMIC PROGRAMMING

GS

OPTIMIZATION
 . MATHEMATICAL PROGRAMMING
 . **DYNAMIC PROGRAMMING**
 RESEARCH
 . **DYNAMIC PROGRAMMING**
 RT ∞ APPLICATIONS OF MATHEMATICS
 BELLMAN THEORY
 CONSTRAINTS

DYNAMIC PROGRAMMING--(cont.)

CRITICAL PATH METHOD

DECISION THEORY

∞ DYNAMICS

FORMALISM
 LINEAR PROGRAMMING
 MATHEMATICAL MODELS
 NONLINEAR SYSTEMS
 OPERATIONS RESEARCH
 ∞ PROGRAMMING
 STEEPEST DESCENT METHOD

DYNAMIC PROPERTIES

USE DYNAMIC CHARACTERISTICS

DYNAMIC RANGE

SN (LIMITED TO SIGNAL

DETECTION/MODULATION)

GS RANGE (EXTREMES)

RT **DYNAMIC RANGE**

AMPLIFICATION
 AMPLIFIERS
 DYNAMIC CHARACTERISTICS
 EQUIPMENT SPECIFICATIONS
 FREQUENCY RANGES
 ∞ FREQUENCY RESPONSE
 MICROCHANNEL PLATES
 MODULATION
 RATIOS
 SIGNAL DETECTION
 SIGNAL TO NOISE RATIOS

DYNAMIC RESPONSE

GS RESPONSES

. **DYNAMIC RESPONSE**

. . TRANSIENT RESPONSE

RT AEROSERVOELASTICITY

AMPLIFICATION

DAMPING

∞ DYNAMICS

FIBER ORIENTATION

∞ FREQUENCY RESPONSE

IMPEDANCE

MODAL RESPONSE

PARAMETER IDENTIFICATION

RAMP FUNCTIONS

REACTION TIME

RESPONSE BIAS

ROTOR DYNAMICS

SENSITIVITY

STEP FUNCTIONS

STROKING TESTS

SYSTEM IDENTIFICATION

TIME CONSTANT

TRANSFER FUNCTIONS

DYNAMIC STABILITY

GS DYNAMIC CHARACTERISTICS

. **DYNAMIC STABILITY**

. . COMBUSTION STABILITY

. . FLAME STABILITY

. . CONTROL STABILITY

. . FREQUENCY STABILITY

. . MOTION STABILITY

. . . AERODYNAMIC STABILITY

. . . AIRCRAFT STABILITY

. . . HOVERING STABILITY

. . . ATTITUDE STABILITY

. . . . DIRECTIONAL STABILITY

. . . . GYROSCOPIC STABILITY

. . . . LATERAL STABILITY

. . . . LONGITUDINAL STABILITY

. . . . FLOW STABILITY

. . . . BOUNDARY LAYER STABILITY

. . . . FLAME STABILITY

. . . . MAGNETOHYDRODYNAMIC STABILITY

. . . . WEIBEL INSTABILITY

. . . . LOW SPEED STABILITY

. . . . ROTARY STABILITY

. . . . GYROSCOPIC STABILITY

. . . . SPACECRAFT STABILITY

STABILITY

. **DYNAMIC STABILITY**

. . COMBUSTION STABILITY

. . FLAME STABILITY

. . CONTROL STABILITY

. . FREQUENCY STABILITY

. . MOTION STABILITY

. . . AERODYNAMIC STABILITY

. . . AIRCRAFT STABILITY

. . . HOVERING STABILITY

. . . ATTITUDE STABILITY

. . . . DIRECTIONAL STABILITY

. . . . GYROSCOPIC STABILITY

DYNAMIC STABILITY--(cont.)

... LATERAL STABILITY
 ... LONGITUDINAL STABILITY
 ... FLOW STABILITY
 ... BOUNDARY LAYER STABILITY
 ... FLAME STABILITY
 ... MAGNETOHYDRODYNAMIC STABILITY
 ... WEIBEL INSTABILITY
 ... LOW SPEED STABILITY
 ... ROTARY STABILITY
 ... GYROSCOPIC STABILITY
 ... SPACECRAFT STABILITY

RT

COUNTERBALANCES
 DAMPING
 DIMENSIONAL STABILITY
 DRIFT (INSTRUMENTATION)
 ∞ DYNAMICS
 HORIZONTAL ORIENTATION
 MISSING MASS (ASTROPHYSICS)
 RESONANT VIBRATION
 ROTOR DYNAMICS
 SPACECRAFT MOTION
 STABLE OSCILLATIONS
 STATIC STABILITY
 SURFACE STABILITY
 SYSTEMS STABILITY
 TRANSIENT RESPONSE
 VERTICAL ORIENTATION

DYNAMIC STRUCTURAL ANALYSIS

UF

STRUCTURAL DYNAMICS

GS

STRUCTURAL ANALYSIS

. **DYNAMIC STRUCTURAL ANALYSIS**

RT

AEROSERVOELASTICITY

∞ DYNAMICS

FLAT PLATES

SHOCK SPECTRA

DYNAMIC TESTS

RT

AERODYNAMIC STABILITY

∞ DYNAMICS

FLIGHT TESTS

LOW SPEED STABILITY

MOTION STABILITY

SPIN DYNAMICS

SPIN TESTS

STATIC TESTS

∞ TESTS

VIBRATION TESTS

DYNAMICAL SYSTEMS

RT

CONTROL THEORY
 MATHEMATICAL MODELS
 NONLINEAR SYSTEMS
 SYSTEMS SIMULATION

∞ DYNAMICS

SN

(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT

AERODYNAMICS
 AEROSTATICS
 AEROTHERMODYNAMICS
 ASTRODYNAMICS
 BIODYNAMICS
 CHIRAL DYNAMICS
 COMPUTATIONAL FLUID DYNAMICS
 CONTINUUM MECHANICS
 DYNAMIC CHARACTERISTICS
 DYNAMIC CONTROL
 DYNAMIC LOADS
 DYNAMIC MODELS
 DYNAMIC MODULUS OF ELASTICITY
 DYNAMIC PRESSURE
 DYNAMIC PROGRAMMING
 DYNAMIC RESPONSE
 DYNAMIC STABILITY
 DYNAMIC STRUCTURAL ANALYSIS
 DYNAMIC TESTS
 ELASTODYNAMICS
 ELECTRODYNAMICS
 EQUATIONS OF MOTION
 FIELD THEORY (PHYSICS)
 FLUID DYNAMICS
 FLUID MECHANICS
 GAS DYNAMICS
 GEODYNAMICS
 GROUP DYNAMICS
 HAMILTONIAN FUNCTIONS
 HEMODYNAMICS
 HYDRODYNAMICS
 KINEMATICS
 KINETICS
 MAGNETOHYDRODYNAMICS

DYNAMICS--(cont.)

∞ MECHANICS (PHYSICS)
 MOMENTUM
 MOMENTUM TRANSFER
 NUTATION
 OCEAN DYNAMICS
 PLASMA DYNAMICS
 QUANTUM CHROMODYNAMICS
 RAREFIED GAS DYNAMICS
 RESONANT FREQUENCIES
 RESONANT VIBRATION
 ROBOT DYNAMICS
 ROTOR DYNAMICS
 SPIN DYNAMICS
 STABILIZERS (FLUID DYNAMICS)
 STATICS
 TERRADYNAMICS
 THERMODYNAMICS
 VARIATIONAL PRINCIPLES
 VELOCITY
 VIBRATION

DYNAMICS EXPLORER SATELLITES

GS

ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . EXPLORER SATELLITES
 . . **DYNAMICS EXPLORER SATELLITES**
 . . . DYNAMICS EXPLORER 1
 . . . SATELLITE
 . . . DYNAMICS EXPLORER 2
 . . . SATELLITE

DYNAMICS EXPLORER 1 SATELLITE

GS

ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . EXPLORER SATELLITES
 . . DYNAMICS EXPLORER SATELLITES
 . . . **DYNAMICS EXPLORER 1**
 . . . SATELLITE

DYNAMICS EXPLORER 2 SATELLITE

GS

ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . EXPLORER SATELLITES
 . . DYNAMICS EXPLORER SATELLITES
 . . . **DYNAMICS EXPLORER 2**
 . . . SATELLITE

DYNAMITE

GS

EXPLOSIVES

. **DYNAMITE**

RT

NITROGLYCERIN

DYNAMO THEORY

RT

EARTH CORE
 GEOMAGNETISM
 SOLAR CONVECTION (ASTRONOMY)
 STELLAR CONVECTION
 TELLURIC CURRENTS
 ∞ THEORIES

DYNAMOMETERS

UF

ELECTRODYNAMOMETERS

GS

ELECTRIC GENERATORS

. ROTATING GENERATORS

. . **DYNAMOMETERS**

MEASURING INSTRUMENTS

. **DYNAMOMETERS**

RT

ERGOMETERS

MECHANICAL MEASUREMENT

∞ TEST EQUIPMENT

THRUST MEASUREMENT

TORQUEMETERS

DYNAMOS

USE

ROTATING GENERATORS

DYNODES

GS

ELECTRODES

. **DYNODES**

RT

CAMERA TUBES

PHOTOMULTIPLIER TUBES

SECONDARY EMISSION

DYSON THEORY

RT

HEISENBERG THEORY

QUANTUM MECHANICS

∞ THEORIES

DYSPNEA

GS

RATES (PER TIME)

. RESPIRATORY RATE

. . **DYSPNEA**

SIGNS AND SYMPTOMS

DYSPNEA--(cont.). **DYSPNEA****DYSPROSIUM**

GS

CHEMICAL ELEMENTS

. RARE EARTH ELEMENTS

. . **DYSPROSIUM**

. . . DYSPROSIUM ISOTOPES

METALS

. RARE EARTH ELEMENTS

. . **DYSPROSIUM**

. . . DYSPROSIUM ISOTOPES

DYSPROSIUM COMPOUNDS

GS

RARE EARTH COMPOUNDS

. **DYSPROSIUM COMPOUNDS**

RT

∞ CHEMICAL COMPOUNDS

∞ METAL COMPOUNDS

DYSPROSIUM ISOTOPES

UF

DYSPROSIUM 161

GS

CHEMICAL ELEMENTS

. NUCLIDES

. . ISOTOPES

. . . **DYSPROSIUM ISOTOPES**

. . RARE EARTH ELEMENTS

. . DYSPROSIUM

. . . **DYSPROSIUM ISOTOPES**

METALS

. RARE EARTH ELEMENTS

. . DYSPROSIUM

. . . **DYSPROSIUM ISOTOPES****DYSPROSIUM 161**

USE

DYSPROSIUM ISOTOPES

E**E GLASS**

GS

GLASS

. **E GLASS**

. . S GLASS

RT

COMPOSITE MATERIALS

GLASS FIBER REINFORCED PLASTICS

GLASS FIBERS

SILICON DIOXIDE

E LAYERS

USE

E REGION

E REGION

SN

(ALTITUDE RANGE BETWEEN
 APPROXIMATELY 90 AND 100 KM)

UF

E LAYERS

GS

NIGHT E LAYER

EARTH ATMOSPHERE

. UPPER ATMOSPHERE

. . EARTH IONOSPHERE

. . . **E REGION**

. . . E-1 LAYER

. . . E-2 LAYER

. . . SPORADIC E LAYER

REGIONS

. **E REGION**

. . E-1 LAYER

. . E-2 LAYER

. . SPORADIC E LAYER

RT

LOWER IONOSPHERE

UPPER IONOSPHERE

E-1 LAYER

GS

EARTH ATMOSPHERE

. UPPER ATMOSPHERE

. . EARTH IONOSPHERE

. . . E REGION

. . . **E-1 LAYER**

REGIONS

. E REGION

. . **E-1 LAYER**

RT

SPORADIC E LAYER

E-2 AIRCRAFT

UF

HAWKEYE AIRCRAFT

W2F AIRCRAFT

GS

AWACS AIRCRAFT

. **E-2 AIRCRAFT**

GRUMMAN AIRCRAFT

. **E-2 AIRCRAFT**

JET AIRCRAFT

. TURBOPROP AIRCRAFT

. . **E-2 AIRCRAFT**

E-2 AIRCRAFT--(cont.)

OBSERVATION AIRCRAFT
 . **E-2 AIRCRAFT**
 RT ∞ AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 ∞ MILITARY AIRCRAFT
 PASSENGER AIRCRAFT
 TURBOPROP ENGINES

E-2 LAYER

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . E REGION
 **E-2 LAYER**
 REGIONS
 . E REGION
 . . **E-2 LAYER**
 RT SPORADIC E LAYER

E-3A AIRCRAFT

GS AWACS AIRCRAFT
 . **E-3A AIRCRAFT**
 BOEING AIRCRAFT
 . **E-3A AIRCRAFT**
 RT ∞ AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 ∞ MILITARY AIRCRAFT

E-4A AIRCRAFT

UF AABNCP
 ADVANCED AIRBORNE COMMAND POST
 BOEING 747B AIRCRAFT
 GS AWACS AIRCRAFT
 . **E-4A AIRCRAFT**
 BOEING AIRCRAFT
 . **E-4A AIRCRAFT**
 RT ∞ AIRCRAFT
 COMMAND AND CONTROL
 EARLY WARNING SYSTEMS
 ∞ MILITARY AIRCRAFT

EAI 680 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . ANALOG COMPUTERS
 . . . **EAI 680 COMPUTER**
 . . . DIGITAL COMPUTERS
 . . . **EAI 680 COMPUTER**

EAI 8400 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **EAI 8400 COMPUTER**

EAI 8900 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **EAI 8900 COMPUTER**

EAR

GS ANATOMY
 . SENSE ORGANS
 . . **EAR**
 . . . EARDRUMS
 . . . EUSTACHIAN TUBES
 . . . LABYRINTH
 . . . COCHLEA
 CORTI ORGAN
 OTOLITH ORGANS
 SEMICIRCULAR CANALS
 VESTIBULES
 . . . MIDDLE EAR
 RT ARTIFICIAL EARS
 AUDITORY PERCEPTION
 ENDOLYMPH
 HEARING
 LABYRINTHECTOMY
 MASTOIDS
 OTOLARYNGOLOGY
 OTOLOGY

EAR PRESSURE TEST

GS PHYSIOLOGICAL TESTS
 . **EAR PRESSURE TEST**
 RT MIDDLE EAR PRESSURE
 PRESSURE
 VERTIGO
 VESTIBULAR TESTS

EAR PROTECTORS

GS PROTECTORS
 . **EAR PROTECTORS**
 RT NOISE INJURIES
 NOISE REDUCTION

EARDRUMS

GS ANATOMY
 . SENSE ORGANS
 . . **EAR**
 . . . **EARDRUMS**
 RT EUSTACHIAN TUBES
 MIDDLE EAR PRESSURE
 SEMICIRCULAR CANALS

EARLY APOLLO SURFACE EXPERIMENTS

PACKAGE
 USE EASEP

EARLY BIRD SATELLITES

GS ARTIFICIAL SATELLITES
 . ACTIVE SATELLITES
 . . SYNCOM SATELLITES
 . . . **EARLY BIRD SATELLITES**
 . COMMUNICATION SATELLITES
 . . SYNCOM SATELLITES
 . . . **EARLY BIRD SATELLITES**
 . SYNCHRONOUS SATELLITES
 . . SYNCOM SATELLITES
 . . . **EARLY BIRD SATELLITES**
 RT ATS
 COMSAT PROGRAM

EARLY STARS

GS CELESTIAL BODIES
 . STARS
 . . **EARLY STARS**
 . . . HOT STARS
 A STARS
 B STARS
 SIGMA ORIONIS
 BLUE STARS
 O STARS
 WHITE DWARF STARS
 WOLF-RAYET STARS
 RT LATE STARS
 MAIN SEQUENCE STARS
 STAR FORMATION

EARLY WARNING SYSTEMS

GS WARNING SYSTEMS
 . **EARLY WARNING SYSTEMS**
 . . BALLISTIC MISSILE EARLY WARNING
 . . . SYSTEM
 RT AIR DEFENSE
 AWACS AIRCRAFT
 COBRA DANE (RADAR)
 DETECTION
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 MISSILE DETECTION
 OVER-THE-HORIZON RADAR
 RADAR TARGETS
 RADAR TRACKING
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 ∞ SYSTEMS
 WARNING

EARPHONES

UF HEADSETS
 GS AUDIO EQUIPMENT
 . **EARPHONES**
 RT ACOUSTICS
 AUDITORY PERCEPTION
 INTERPHONES
 SOUND TRANSMISSION
 TELEPHONES

EARTH (PLANET)

UF WORLD
 GS CELESTIAL BODIES
 . PLANETS
 . . TERRESTRIAL PLANETS
 . . . **EARTH (PLANET)**
 RT EARTH SCIENCES
 EASTERN HEMISPHERE
 GEODESY
 GEOELECTRICITY
 GEOGRAPHY
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 ∞ GLOBES

EARTH (PLANET)--(cont.)

PLANETARY CRATERS
 POLAR CAPS
 TERRESTRIAL RADIATION
 WESTERN HEMISPHERE

EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM

UF EOPAP
 GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . **EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM**
 . PROJECTS
 . . **EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM**
 . SPACE PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . **EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM**
 RT OCEANOGRAPHY
 ∞ RESEARCH PROJECTS

EARTH ALBEDO

GS ALBEDO
 . **EARTH ALBEDO**
 RT ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH RADIATION BUDGET
 EARTH RADIATION BUDGET
 EXPERIMENT
 EBERT SPECTROMETERS
 LUNAR ALBEDO
 REFLECTANCE
 TERRESTRIAL RADIATION

EARTH ATMOSPHERE

GS **EARTH ATMOSPHERE**
 . CHEMOSPHERE
 . FREE ATMOSPHERE
 . HETEROSPHERE
 . HOMOSPHERE
 . LOWER ATMOSPHERE
 . . TROPOSPHERE
 . . . TROPOPAUSE
 . . . MIDDLE ATMOSPHERE
 . . . MESOSPHERE
 . . . MESOPAUSE
 . . . STRATOSPHERE
 . . . OZONOSPHERE
 . . . STRATOPAUSE
 . . . MIDLATITUDE ATMOSPHERE
 . . . PRIMITIVE EARTH ATMOSPHERE
 . . . UPPER ATMOSPHERE
 . . . EARTH IONOSPHERE
 E REGION
 E-1 LAYER
 E-2 LAYER
 SPORADIC E LAYER
 . . . LOWER IONOSPHERE
 D REGION
 . . . UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 . . . EXOSPHERE
 . . . THERMOSPHERE
 . . . TURBOPAUSE
 RT ACOUSTIC SOUNDING
 AEROSPACE ENVIRONMENTS
 AIR
 AIR POLLUTION
 AIR QUALITY
 AIRGLOW
 ∞ ATMOSPHERES
 ATMOSPHERIC CIRCULATION
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC ENTRY
 ATMOSPHERIC GENERAL CIRCULATION
 EXPERIMENT
 AURORAS
 BIOASTRONAUTICS
 EARTH MAGNETOSPHERE
 ENVIRONMENTS
 GEOPOTENTIAL HEIGHT
 GLOBAL AIR POLLUTION
 GREENHOUSE EFFECT
 METEOR TRAILS
 OPEN PROJECT
 PLANETARY ATMOSPHERES
 PLASMASPHERE
 RADIATION BELTS
 SATELLITE ATMOSPHERES

EARTH ATMOSPHERE--(cont.)

SCALE HEIGHT
SUPERROTATION
TELECONNECTIONS (METEOROLOGY)
WEATHERING

EARTH AXIS

GS AXES (REFERENCE LINES)
AXES OF ROTATION
.. **EARTH AXIS**
RT CHANDLER WOBBLE
COORDINATES
EARTH ORIENTATION
GEODESY
POLAR WANDERING (GEOLOGY)

EARTH CORE

GS CORES
.. PLANETARY CORES
.. **EARTH CORE**
LITHOSPHERE
.. **EARTH CORE**
RT DYNAMO THEORY
GEOPHYSICAL FLUIDS
STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CRUST

UF CRUSTAL DYNAMICS
GS CRUSTS
.. PLANETARY CRUSTS
.. **EARTH CRUST**
LITHOSPHERE
.. **EARTH CRUST**
RT COESITE
CONTINENTAL DRIFT
CORE SAMPLING
CRATONS
CRUSTAL FRACTURES
EARTH MANTLE
EARTHQUAKE DAMAGE
FOLDS (GEOLOGY)
LUNAR CRUST
MASSIFS
PLATES (TECTONICS)
SAN ANDREAS FAULT
SEA FLOOR SPREADING
STISHOVITE
STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CURRENTS

USE TELLURIC CURRENTS

EARTH ENERGY BUDGET EXPERIMENT

USE LZEEBE SATELLITE

EARTH ENVIRONMENT

GS ENVIRONMENTS
.. **EARTH ENVIRONMENT**
RT AIR POLLUTION
ARID LANDS
DESERTIFICATION
MAGNETOSHEATH

EARTH FIGURE

USE GEODESY

EARTH GRAVITATION

GS GRAVITATION
.. **EARTH GRAVITATION**
RT GEOMAGNETISM
GEOPOTENTIAL
GEOPOTENTIAL HEIGHT
GRAVITATIONAL FIELDS
GRAVITY ANOMALIES

EARTH HYDROSPHERE

UF HYDROSPHERE (EARTH)
RT BIOSPHERE
HYDROLOGICAL CYCLE
HYDROLOGY
LAKES
LIMNOLOGY
OCEANS
SEAS

EARTH IONOSPHERE

SN (ALTITUDES ABOVE APPROXIMATELY 50 KM)
GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. **EARTH IONOSPHERE**
... E REGION
... E-1 LAYER
... E-2 LAYER

EARTH IONOSPHERE--(cont.)

... SPORADIC E LAYER
... LOWER IONOSPHERE
... D REGION
... UPPER IONOSPHERE
... F REGION
... F 1 REGION
... F 2 REGION
RT ATMOSPHERIC IONIZATION
CHEMOSPHERE
CRRES (SATELLITE)
EARTH MAGNETOSPHERE
EARTH-IONOSPHERE WAVEGUIDE
ELECTROJETS
EXOSPHERE
FIELD ALIGNED CURRENTS
HETEROSPHERE
HOMOSPHERE
INTASAT SATELLITE
ION CONCENTRATION
ION DENSITY (CONCENTRATION)
∞ IONOSPHERES
IONOSPHERIC PROPAGATION
IONOSPHERIC STORMS
∞ LAYERS
MAGNETOSPHERE-IONOSPHERE COUPLING
MESOSPHERE
MIDLATITUDE ATMOSPHERE REGIONS
SATELLITE ATMOSPHERES
SHEAR LAYERS
THERMOSPHERE

EARTH LIMB

RT ASTRONOMY
LIBRATION
∞ LIMBS
PLANETARY LIMB

EARTH MAGNETOSPHERE

GS ENVIRONMENTS
.. **EARTH MAGNETOSPHERE**
.. GEOMAGNETIC TAIL
.. MAGNETOPAUSE
.. MAGNETOSHEATH
RT AMPTE (SATELLITES)
BARIUM ION CLOUDS
CHAPMAN-FERRARO PROBLEM
CLUSTER MISSION
COROTATION
CRRES (SATELLITE)
EARTH ATMOSPHERE
EARTH IONOSPHERE
EXOSPHERE
FIELD ALIGNED CURRENTS
GEOMAGNETIC HOLLOW
GEOMAGNETISM
GEOS SATELLITES (ESA)
HETEROSPHERE
INTERNATIONAL MAGNETOSPHERIC EXPLORER
INTERNATIONAL MAGNETOSPHERIC STUDY
KP INDEX
MAGNETIC FIELDS
MAGNETOSPHERE-IONOSPHERE COUPLING
∞ MAGNETOSPHERES
NEUTRAL SHEETS
OPEN PROJECT
PLANETARY MAGNETOSPHERES
PLASMA CLOUDS
PLASMAPAUSE
PLASMASPHERE
POLAR CUSPS
RADIATION BELTS
RADIATION TRAPPING
SATELLITE ATMOSPHERES
SCREEN EFFECT
SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
SOLAR WIND VELOCITY
SPACE PLASMAS
THERMOSPHERE

EARTH MAGNETOTAL

USE GEOMAGNETIC TAIL

EARTH MANTLE

UF MANTLE (EARTH STRUCTURE)
GS LITHOSPHERE
.. **EARTH MANTLE**
PLANETARY MANTLES
.. **EARTH MANTLE**

EARTH MANTLE--(cont.)

RT COESITE
EARTH CRUST
LUNAR MANTLE
PLATES (TECTONICS)
REGOLITH
SEA FLOOR SPREADING
STISHOVITE
STRUCTURAL PROPERTIES (GEOLOGY)
SUBDUCTION (GEOLOGY)

∞ EARTH MOTION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CHANDLER WOBBLE
EARTH MOVEMENTS
EARTH ORIENTATION
EARTH ROTATION
POLAR WANDERING (GEOLOGY)
SOLAR ORBITS

EARTH MOVEMENTS

GS **EARTH MOVEMENTS**
.. EARTHQUAKES
.. LANDSLIDES
RT AVALANCHES
CREVASSES
CRUSTAL FRACTURES
∞ EARTH MOTION
EARTHQUAKE DAMAGE
GEODYNAMICS
LARGE APERTURE SEISMIC ARRAY
SEA FLOOR SPREADING
SEISMIC WAVES
SEISMOLOGY
TECTONICS
TSUNAMI WAVES

EARTH OBSERVATIONS (FROM SPACE)

GS OBSERVATION
.. **EARTH OBSERVATIONS (FROM SPACE)**
RT .. SATELLITE OBSERVATION
AERIAL PHOTOGRAPHY
DATA ACQUISITION
EARTH OBSERVING SYSTEM (EOS)
EARTHNET
FEATURE IDENTIFICATION AND LOCATION EXPER
INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM
LANDSAT SATELLITES
MULTISPECTRAL BAND SCANNERS
MULTISPECTRAL PHOTOGRAPHY
PHOTOGRAPHY
SPOT (FRENCH SATELLITE)

EARTH OBSERVING SYSTEM (EOS)

RT EARTH OBSERVATIONS (FROM SPACE)
INFORMATION SYSTEMS
REMOTE SENSING
SPACE PLATFORMS
SPACE STATION PAYLOADS
SPACE STATION POLAR PLATFORMS

EARTH ORBITAL ENVIRONMENTS

UF GEO ENVIRONMENTS
GEOSYNCHRONOUS EARTH ORBITAL ENVIRONMENTS
LEO ENVIRONMENTS
LOW EARTH ORBITAL ENVIRONMENTS
GS ENVIRONMENTS
.. AEROSPACE ENVIRONMENTS
.. **EARTH ORBITAL ENVIRONMENTS**
.. EXTRATERRESTRIAL ENVIRONMENTS
.. **EARTH ORBITAL ENVIRONMENTS**
RT EXTRATERRESTRIAL RADIATION
SPACECRAFT GLOW

EARTH ORBITAL RENDEZVOUS

UF EOR (RENDEZVOUS)
GS MANEUVERS
.. ORBITAL RENDEZVOUS
.. **EARTH ORBITAL RENDEZVOUS**
RENDEZVOUS
.. SPACE RENDEZVOUS
.. ORBITAL RENDEZVOUS
... **EARTH ORBITAL RENDEZVOUS**
RT LUNAR ORBITAL RENDEZVOUS
ORBITAL MECHANICS
RENDEZVOUS TRAJECTORIES
SPACECRAFT TRAJECTORIES
TRANSFER ORBITS

EARTH ORBITING SPACE STATIONS

USE SPACE STATIONS

EARTH ORBITS

SN (ORBITS AROUND THE EARTH)
 GS ORBITS
 . EARTH ORBITS
 . GEOSYNCHRONOUS ORBITS
 . TWENTY-FOUR HOUR ORBITS
 RT APOGEES
 APOLLO ASTEROIDS
 CIRCULAR ORBITS
 CIRCUMLUNAR TRAJECTORIES
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 HANSEN LUNAR THEORY
 HILL LUNAR THEORY
 HILL METHOD
 LUNAR ORBITS
 ORBITAL LIFETIME
 ORBITAL MECHANICS
 PARKING ORBITS
 PERIGEEES
 PLANETARY ORBITS
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 STATIONARY ORBITS
 TRANSFER ORBITS

EARTH ORIENTATION

RT CHANDLER WOBBLE
 EARTH AXIS
 ∞ EARTH MOTION
 EARTH ROTATION
 NUTATION
 POLAR WANDERING (GEOLOGY)
 PRECESSION

EARTH PLANETARY STRUCTURE

RT CONTINENTAL DRIFT
 GEOLOGY
 GEOPHYSICS
 HYDROLOGY
 LITHOSPHERE
 OCEANOGRAPHY
 PLANETARY COMPOSITION
 PLANETARY STRUCTURE
 PLATES (TECTONICS)
 PRIMITIVE EARTH ATMOSPHERE
 STRUCTURAL PROPERTIES (GEOLOGY)
 ∞ STRUCTURES
 TECTONICS

EARTH RADIATION

USE TERRESTRIAL RADIATION

EARTH RADIATION BUDGET

GS ENERGY BUDGETS
 . EARTH RADIATION BUDGET
 RT ATMOSPHERIC HEAT BUDGET
 ATMOSPHERIC RADIATION
 ∞ BUDGETS
 EARTH ALBEDO
 EARTH RADIATION BUDGET
 EXPERIMENT
 HEAT BUDGET
 TERRESTRIAL RADIATION

EARTH RADIATION BUDGET EXPERIMENT

UF ERBE
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . EARTH RADIATION BUDGET
 EXPERIMENT
 RT ALBEDO
 EARTH ALBEDO
 EARTH RADIATION BUDGET
 ∞ RADIATION
 RADIATION MEASURING INSTRUMENTS
 TERRESTRIAL RADIATION

EARTH RESOURCES

GS RESOURCES
 . EARTH RESOURCES
 . . FORESTS
 . . . RAIN FORESTS
 . . . FOSSIL FUELS
 . . . COAL
 ANTHRACITE
 LIGNITE
 SOLVENT REFINED COAL
 . . . CRUDE OIL
 . . . NATURAL GAS
 . . . PEAT

EARTH RESOURCES--(cont.)

. . GLACIERS
 . . ICEBERGS
 . . KEROGEN
 . . LAND ICE
 . . MARINE RESOURCES
 . . OIL FIELDS
 . . RANGE RESOURCES
 . . SPRINGS (WATER)
 . . TAR SANDS
 . . THERMAL RESOURCES
 . . . GEOTHERMAL RESOURCES
 GEYSERS
 . . UNDERWATER RESOURCES
 . . WATER RESOURCES
 . . . AQUIFERS
 RT ALFALFA
 ARID LANDS
 BALTIC SHIELD (EUROPE)
 BEDROCK
 BIRDS
 BRUSH (BOTANY)
 CHAPARRAL
 COASTAL ECOLOGY
 COASTAL PLAINS
 CORN
 COTTON
 CROP GROWTH
 CROP IDENTIFICATION
 DECIDUOUS TREES
 DESERTS
 EARTHNET
 ENERGY POLICY
 ENERGY TECHNOLOGY
 ENVIRONMENT MANAGEMENT
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 EROS (SATELLITES)
 FARM CROPS
 FARMLANDS
 FISHES
 ∞ FLATS (LANDFORMS)
 FOOD
 FOREST MANAGEMENT
 GEOGRAPHIC APPLICATIONS PROGRAM
 GEOTHERMAL ENERGY CONVERSION
 GRAINS (FOOD)
 GRANITE
 GRASSLANDS
 GREAT BASIN (US)
 GREAT LAKES (NORTH AMERICA)
 GREAT SALT LAKE (UT)
 GROUND WATER
 HABITATS
 HAY
 ICE MAPPING
 IMAGERY
 KETTLES (GEOLOGY)
 KEYS (ISLANDS)
 LAND USE
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 LAVA
 LEGUMINOUS PLANTS
 LIMESTONE
 MAMMALS
 MARSHLANDS
 MILLET
 MINERAL DEPOSITS
 MINERALS
 MISSISSIPPI RIVER (US)
 NASA INTERACTIVE PLANNING SYSTEM
 OATS
 OCEANOGRAPHY
 PHOTOGRAPHY
 PHOTOMAPPING
 PLANTS (BOTANY)
 RECONNAISSANCE
 REGOLITH
 REMOTE SENSING
 REMOTE SENSORS
 RESOURCES MANAGEMENT
 RIVERS
 ROCKS
 RURAL LAND USE
 SANDS
 SANDSTONES
 SCANNING
 SHALES
 SOILS
 SORGHUM
 SPACEBORNE PHOTOGRAPHY
 SPECTRAL RECONNAISSANCE
 SPOT (FRENCH SATELLITE)
 STRIP MINING
 SUGAR BEETS

EARTH RESOURCES--(cont.)

SUGAR CANE
 SUNFLOWERS
 SURFACE WATER
 SURVEILLANCE
 TERRAIN ANALYSIS
 THERMAL MAPPING
 TIDEPOWER
 TIMBER IDENTIFICATION
 TIMBER INVENTORY
 TRIBUTARIES
 VEGETATION
 VINEYARDS
 WATERWAVE ENERGY
 WATERWAVE ENERGY CONVERSION
 WHARVES
 WINDPOWER UTILIZATION

EARTH RESOURCES EXPERIMENT PACKAGE

USE EREP

EARTH RESOURCES INFORMATION SYSTEM

GS INFORMATION SYSTEMS
 . EARTH RESOURCES INFORMATION
 SYSTEM
 RT DATA SYSTEMS
 NASA PROGRAMS
 PROGRAMS
 SKYLAB PROGRAM
 ∞ SYSTEMS

EARTH RESOURCES OBSERVATION SATELLITES

USE EROS (SATELLITES)

EARTH RESOURCES PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 RT SEASAT PROGRAM
 APOLLO APPLICATIONS PROGRAM
 CHANGE DETECTION
 GEOGRAPHIC APPLICATIONS PROGRAM
 INFRARED RADIOMETERS
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 PLANT STRESS
 SATELLITE OBSERVATION
 SKYLAB PROGRAM

EARTH RESOURCES SHUTTLE IMAGING RADAR

GS RADAR
 . PULSE RADAR
 . . PULSE DOPPLER RADAR
 . . . EARTH RESOURCES SHUTTLE
 IMAGING RADAR
 RT RADAR IMAGERY
 SYNTHETIC ARRAYS

EARTH RESOURCES SURVEY AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
 . EARTH RESOURCES SURVEY
 AIRCRAFT
 RT AERIAL PHOTOGRAPHY
 AERIAL RECONNAISSANCE
 ∞ AIRCRAFT
 PHOTO GEOLOGY
 PHOTORECONNAISSANCE

EARTH RESOURCES SURVEY PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 RT SEASAT PROGRAM
 APOLLO APPLICATIONS PROGRAM
 SKYLAB PROGRAM

EARTH RESOURCES TECHNOLOGY SATELLITE B
USE LANDSAT 2

EARTH RESOURCES TECHNOLOGY SATELLITE C
USE LANDSAT 3

EARTH RESOURCES TECHNOLOGY SATELLITE D
USE LANDSAT 4

EARTH RESOURCES TECHNOLOGY SATELLITE E
USE LANDSAT E

EARTH RESOURCES TECHNOLOGY SATELLITE F
USE LANDSAT F

EARTH RESOURCES TECHNOLOGY SATELLITE 1
USE LANDSAT 1

EARTH RESOURCES TECHNOLOGY SATELLITES
USE LANDSAT SATELLITES

EARTH ROTATION
GS GYRATION
RT ROTATION
RT **EARTH ROTATION**
CHANDLER WOBBLE
∞ EARTH MOTION
EARTH ORIENTATION
SIDEREAL TIME
SUPERROTATION

EARTH SCIENCES
RT ATMOSPHERIC PHYSICS
EARTH (PLANET)
ECOLOGY
GEOCHEMISTRY
GEODYNAMICS
GEOLOGY
GEOMAGNETISM
GEOPHYSICS
HYDRODYNAMICS
HYDROLOGY
METEOROLOGY
OCEANOGRAPHY
SEISMOLOGY

EARTH SHAPE
USE GEODESY

EARTH SURFACE
GS LITHOSPHERE
RT **EARTH SURFACE**
CRATONS
CRUSTAL FRACTURES
EQUATORIAL REGIONS
GEODETIC ACCURACY
MARSHLANDS
OCEAN SURFACE
PLANETARY SURFACES
STRUCTURAL PROPERTIES (GEOLOGY)
∞ SURFACES
TERRADYNAMICS
TOPOGRAPHY

EARTH TERMINAL MEASUREMENT SYSTEM
RT COMMUNICATION SATELLITES
ELECTROMAGNETIC MEASUREMENT
ELECTRONIC EQUIPMENT TESTS
GROUND SUPPORT EQUIPMENT
∞ MEASUREMENT
RADIO RELAY SYSTEMS
∞ SYSTEMS
∞ TEST EQUIPMENT

EARTH TERMINALS
GS STATIONS
GROUND STATIONS
RT **EARTH TERMINALS**
CARRIER TO NOISE RATIOS
COMMUNICATION EQUIPMENT
RADIO RELAY SYSTEMS
SATELLITE COMMUNICATION
SATELLITE TRANSMISSION
SPACECRAFT COMMUNICATION
TELEVISION SYSTEMS
VSAT (NETWORK)

EARTH TIDES
GS TIDES
RT **EARTH TIDES**
ATMOSPHERIC TIDES
LUNAR TIDES

EARTH VIEWING APPLICATIONS LABORATORY
UF EVAL
GS LABORATORIES
SPACE LABORATORIES
RT **EARTH VIEWING APPLICATIONS LABORATORY**
PAYLOADS
SPACE SHUTTLE PAYLOADS
RT **EARTH VIEWING APPLICATIONS LABORATORY**
SAIL PROJECT

EARTH-IONOSPHERE WAVEGUIDE
GS WAVEGUIDES
RT **EARTH-IONOSPHERE WAVEGUIDE**
D REGION
EARTH IONOSPHERE
IONOSPHERIC PROPAGATION
PLASMAGUIDES
RADIO TRANSMISSION
VERY LOW FREQUENCIES

EARTH-MARS TRAJECTORIES
GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
INTERPLANETARY TRAJECTORIES
RT **EARTH-MARS TRAJECTORIES**
ELLIPTICAL ORBITS
ORBITAL MECHANICS
TRANSFER ORBITS

EARTH-MERCURY TRAJECTORIES
GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
INTERPLANETARY TRAJECTORIES
RT **EARTH-MERCURY TRAJECTORIES**
ELLIPTICAL ORBITS
ORBITAL MECHANICS
TRANSFER ORBITS

EARTH-MOON SYSTEM
RT CHARON
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVES
LUNAR RETROREFLECTORS
MOON
NATURAL SATELLITES
ORBITAL MECHANICS
SOLAR SYSTEM
∞ SYSTEMS
TWO BODY PROBLEM

EARTH-MOON TRAJECTORIES
GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
LUNAR TRAJECTORIES
RT **EARTH-MOON TRAJECTORIES**
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
CIRCUMLUNAR TRAJECTORIES
CISLUNAR SPACE
INTERPLANETARY TRAJECTORIES
LUNAR FLIGHT
LUNAR ORBITS
MOON-EARTH TRAJECTORIES
PARKING ORBITS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
TRANSFER ORBITS

EARTH-VENUS TRAJECTORIES
GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
RT **EARTH-VENUS TRAJECTORIES**
ASTRONAUTICS
FLIGHT OPTIMIZATION
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MISSIONS
ORBITS
SPACE MISSIONS
SPACE NAVIGATION
SPACECRAFT REENTRY
TRANSFER ORBITS

EARTHNET
RT EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
ESA SATELLITES
EUROPEAN SPACE PROGRAMS
LANDSAT SATELLITES
REMOTE SENSORS
SYNTHETIC APERTURE RADAR

EARTHQUAKE DAMAGE
GS DAMAGE
RT **EARTHQUAKE DAMAGE**
EARTH CRUST
EARTH MOVEMENTS
GEOLOGICAL FAULTS
MICROSEISMS
SEISMIC ENERGY
SEISMIC WAVES
SEISMOLOGY
SHOCK WAVES
TSUNAMI WAVES

EARTHQUAKE RESISTANCE
GS MECHANICAL PROPERTIES
RT **EARTHQUAKE RESISTANCE**
CRUSTAL FRACTURES
EARTHQUAKES
FRACTURE STRENGTH
IMPACT STRENGTH
LANDFORMS
∞ RESISTANCE
SEISMIC WAVES
SHOCK RESISTANCE
SHOCK WAVES
TREMORS

EARTHQUAKE RESISTANT STRUCTURES
RT CONCRETE STRUCTURES
ELASTIC BENDING
∞ ELASTIC SYSTEMS
SEISMIC WAVES
SHOCK WAVES
STRUCTURAL VIBRATION
∞ STRUCTURES

EARTHQUAKES
GS EARTH MOVEMENTS
RT **EARTHQUAKES**
CRUSTAL FRACTURES
EARTHQUAKE RESISTANCE
GEOLOGICAL FAULTS
LARGE APERTURE SEISMIC ARRAY
MICROSEISMS
PLANETARY QUAKES
PLATES (TECTONICS)
ROUSE BELTS
SAN ANDREAS FAULT
SAN ANDREAS FAULT EXPERIMENT
SEISMIC WAVES
SEISMOLOGY
SHOCK WAVES
SUBDUCTION (GEOLOGY)
TREMORS
TSUNAMI WAVES

EASEP
UF EARLY APOLLO SURFACE EXPERIMENTS
PACKAGE
GS PACKAGES
INSTRUMENT PACKAGES
RT **EASEP**
INSTRUMENTS
LUNAR EXPLORATION
PAYLOADS
∞ SURFACES

EAST GERMANY
UF GERMAN DEMOCRATIC REPUBLIC
PEOPLES DEMOCRATIC REPUBLIC OF
GERMANY
GS NATIONS
RT **EAST GERMANY**
CENTRAL EUROPE
EUROPE
GERMAN SPACE PROGRAM
GERMANY
WEST GERMANY

EAST PAKISTAN
USE BANGLADESH

EASTERN HEMISPHERE
RT EARTH (PLANET)
GEOGRAPHY
∞ HEMISPHERES

EASTERN HEMISPHERE--(cont.)
WESTERN HEMISPHERE

EATING

GS INGESTION (BIOLOGY)
 . **EATING**
 RT DIGESTING
 ∞ FOOD
 MASTICATION
 SPACE FLIGHT FEEDING
 SWALLOWING
 SYNTHETIC FOOD

EBERT SPECTROMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . **EBERT SPECTROMETERS**
 . RADIATION MEASURING INSTRUMENTS
 . **EBERT SPECTROMETERS**
 . SPECTROMETERS
 . **EBERT SPECTROMETERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . **EBERT SPECTROMETERS**
 RT EARTH ALBEDO
 FILTER WHEEL INFRARED
 SPECTROMETERS
 INFRARED SPECTROMETERS
 ULTRAVIOLET SPECTROMETERS

EBF

USE EXTERNALLY BLOWN FLAPS

EBR-1 REACTOR

USE EXPERIMENTAL BREEDER REACTOR 1

EBR-2 REACTOR

USE EXPERIMENTAL BREEDER REACTOR 2

EBULLITION

USE BOILING

EBWR (REACTOR)

USE EXPERIMENTAL BOILING WATER
 REACTORS

EC-121 AIRCRAFT

UF R7V AIRCRAFT
 WARNING STAR AIRCRAFT
 GS LOCKHEED AIRCRAFT
 . **EC-121 AIRCRAFT**
 MONOPLANES
 . **EC-121 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **EC-121 AIRCRAFT**
 RT ∞ AIRCRAFT
 C-121 AIRCRAFT

ECCENTRIC GEOPHYSICAL OBSERVATORY

USE EGO

ECCENTRIC ORBIT GEOPHYSICAL OBSERVATORY

USE EGO

ECCENTRIC ORBITS

GS ORBITS
 . **ECCENTRIC ORBITS**
 RT CIRCULAR ORBITS
 ELLIPTICAL ORBITS
 EXOSAT SATELLITE
 LISSAJOUS FIGURES

ECCENTRICITY

RT ABNORMALITIES
 ASYMMETRY
 BALANCING
 CONCENTRICITY
 DEVIATION
 ELLIPTICITY
 ELONGATION
 SKEWNESS
 SYMMETRY
 VARIABILITY
 VARIATIONS

ECCENTRICS

UF CRANKS
 RT CAMS
 LINKAGES

ECHELETTE GRATINGS

GS GRATINGS (SPECTRA)
 . **ECHELETTE GRATINGS**
 RT DIFFRACTION

ECHELETTE GRATINGS--(cont.)
 ECHELLE GRATINGS
 REFLECTION

ECHELLE GRATINGS

GS GRATINGS (SPECTRA)
 . **ECHELLE GRATINGS**
 RT DIFFRACTION
 ECHELETTE GRATINGS
 REFLECTION

ECHELON FAULTS

USE GEOLOGICAL FAULTS

ECHO PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . . . **ECHO PROJECT**
 . PROJECTS
 . **ECHO PROJECT**
 . SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . . . **ECHO PROJECT**
 RT COMMUNICATION SATELLITES
 PASSIVE SATELLITES

ECHO SATELLITES

GS ARTIFICIAL SATELLITES
 . PASSIVE SATELLITES
 . **ECHO SATELLITES**
 . . . ECHO 1 SATELLITE
 . . . ECHO 2 SATELLITE
 RT AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES

ECHO SOUNDING

GS SOUNDING
 . **ECHO SOUNDING**
 RT DEEP SCATTERING LAYERS
 DEPTH MEASUREMENT
 ECHOES
 NAVIGATION AIDS
 SONAR
 SOUND LOCALIZATION
 SOUND RANGING
 UNDERWATER ACOUSTICS

ECHO SUPPRESSORS

GS CIRCUITS
 . **ECHO SUPPRESSORS**
 SUPPRESSORS
 . **ECHO SUPPRESSORS**
 RT NOISE REDUCTION
 PULSE RADAR
 RADIOTELEPHONES
 SONAR
 SWITCHES
 TELEPHONY
 VOICE COMMUNICATION

ECHO 1 CARRIER ROCKET

USE THOR DELTA LAUNCH VEHICLE

ECHO 1 SATELLITE

UF A-11 SATELLITE
 GS ARTIFICIAL SATELLITES
 . PASSIVE SATELLITES
 . **ECHO SATELLITES**
 . . . **ECHO 1 SATELLITE**
 RT THOR DELTA LAUNCH VEHICLE

ECHO 2 SATELLITE

UF A-12 SATELLITE
 GS ARTIFICIAL SATELLITES
 . PASSIVE SATELLITES
 . **ECHO SATELLITES**
 . . . **ECHO 2 SATELLITE**
 UNMANNED SPACECRAFT
 . **ECHO 2 SATELLITE**

ECHOCARDIOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . . CARDIOGRAPHY
 . . . PHONOCARDIOGRAPHY
 . . . **ECHOCARDIOGRAPHY**
 RT CARDIAC VENTRICLES
 HEART DISEASES
 HEART FUNCTION

ECHOENCEPHALOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS

ECHOENCEPHALOGRAPHY--(cont.)

. **ECHOENCEPHALOGRAPHY**
 RT BIOINSTRUMENTATION
 BRAIN
 ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 MEDICAL EQUIPMENT

ECHOES

GS **ECHOES**
 . AURORAL ECHOES
 . LUNAR ECHOES
 . . LUNAR RADAR ECHOES
 . RADAR ECHOES
 . . ANGELS (RADAR)
 . CLUTTER
 . . LUNAR RADAR ECHOES
 . . SOLAR RADAR ECHOES
 . . VENUS RADAR ECHOES
 . RADIO ECHOES
 . SIGNAL REFLECTION
 RT ACOUSTICS
 CEPSTRAL ANALYSIS
 ECHO SOUNDING
 GROUND EFFECT (COMMUNICATIONS)
 NOISE (SOUND)
 REVERBERATION

ECLIPSE PROJECT

GS PROGRAMS
 . PROJECTS
 . **ECLIPSE PROJECT**

ECLIPSES

GS **ECLIPSES**
 . LUNAR ECLIPSES
 . SOLAR ECLIPSES
 RT ECLIPSING BINARY STARS
 LUNAR SHADOW
 OCCULTATION
 PENUMBRAS
 UMBRAS

ECLIPSING BINARY STARS

GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . BINARY STARS
 **ECLIPSING BINARY STARS**
 DWARF NOVAE
 LAMBDA TAURI STARS
 ZETA AURIGAE STAR
 RT ACCRETION DISKS
 CATAclysmic VARIABLES
 ECLIPSES
 STELLAR OCCULTATION
 SYMBIOTIC STARS
 VARIABLE STARS
 X RAY BINARIES

ECLIPTIC

RT PLANETS
 SOLAR ORBITS
 ZODIAC

ECLOGITE

GS ROCKS
 . IGNEOUS ROCKS
 . **ECLOGITE**
 RT GADOLINIUM-GALLIUM GARNET
 GARNETS
 PYROXENES
 SOILS

ECOLOGICAL SYSTEMS

USE ECOSYSTEMS

ECOLOGY

GS **ECOLOGY**
 . COASTAL ECOLOGY
 RT ARIZONA REGIONAL ECOLOGICAL TEST
 SITE
 BIOCHEMICAL OXYGEN DEMAND
 ∞ BIOLOGY
 BIOMETEOROLOGY
 CARBON CYCLE
 CENTRAL ATLANTIC REGIONAL ECOL
 TEST SITE
 CLOSED ECOLOGICAL SYSTEMS
 COASTAL PLAINS
 EARTH SCIENCES
 ECOSYSTEMS
 ENDANGERED SPECIES
 ENERGY POLICY
 ENVIRONMENTS

ECOLOGY--(cont.)

GAIA HYPOTHESIS
HABITABILITY
HABITATS
PHENOLOGY
PREDATORS
SYMBIOSIS
VEGETATION GROWTH

ECONOMETRICS

RT ∞ APPLICATIONS OF MATHEMATICS
ECONOMICS
GROSS NATIONAL PRODUCT
STATISTICAL CORRELATION

ECONOMIC ANALYSIS

RT ALLOCATIONS
COMPARISON
COST ANALYSIS
COST ESTIMATES
COSTS
ECONOMY
EFFICIENCY
MANAGEMENT
OPERATING COSTS
VALUE ENGINEERING

ECONOMIC DEVELOPMENT

RT COMMERCE
DEVELOPING NATIONS
ECONOMY
GEOGRAPHY
INDUSTRIES
LAND USE
MANUFACTURING
RESOURCES
SPACE INDUSTRIALIZATION
URBAN DEVELOPMENT

ECONOMIC FACTORS

RT ALLOCATIONS
BUDGETING
COMMERCIAL ENERGY
COSTS
DEVELOPING NATIONS
DOMESTIC ENERGY
ECONOMY
EFFICIENCY
ENERGY POLICY
FEASIBILITY ANALYSIS
INDUSTRIAL ENERGY
INSURANCE (CONTRACTS)
MANAGEMENT
RESERVES
RESOURCES
TRANSPORTATION ENERGY

ECONOMIC IMPACT

GS IMPACT
RT . **ECONOMIC IMPACT**
COSTS
ENVIRONMENTS
INDUSTRIES
INVESTMENTS
RESOURCES

ECONOMICS

GS **ECONOMICS**
RT . DEMAND (ECONOMICS)
COSTS
ECONOMETRICS
EVALUATION
FIDUCIARIES
INCOME
INTERNATIONAL TRADE
INVESTMENTS
PREJUDICES
PROGRESS
RECESSION
RESOURCES
STATISTICAL ANALYSIS

ECONOMY

RT COST ESTIMATES
DECISION MAKING
ECONOMIC ANALYSIS
ECONOMIC DEVELOPMENT
ECONOMIC FACTORS
FINANCIAL MANAGEMENT
LOW COST
MANAGEMENT PLANNING
RECYCLING

ECOSYSTEMS

UF ECOLOGICAL SYSTEMS

ECOSYSTEMS--(cont.)

RT CLOSED ECOLOGICAL SYSTEMS
ECOLOGY
ENDANGERED SPECIES
FOOD CHAIN
GAIA HYPOTHESIS
PREDATORS
∞ SYSTEMS

ECS

USE EUROPEAN COMMUNICATIONS
SATELLITE

ECUADOR

GS NATIONS
RT . **ECUADOR**
SOUTH AMERICA

EDDIES

USE VORTICES

EDDINGTON APPROXIMATION

GS ANALYSIS (MATHEMATICS)
RT . NUMERICAL ANALYSIS
APPROXIMATION
EDDINGTON APPROXIMATION

EDDY CURRENTS

SN (LIMITED TO ELECTRIC CURRENTS)
GS ELECTRIC CURRENT
RT . **EDDY CURRENTS**
BRACING
ELECTRIC CONDUCTORS
ELECTRICAL PROPERTIES
HYSTERESIS
LOSSES
MAGNETIC PROPERTIES
∞ PHYSICAL PROPERTIES
PLASMA CURRENTS
VORTICITY TRANSPORT HYPOTHESIS

EDDY DIFFUSION

USE . TURBULENT DIFFUSION

EDDY VISCOSITY

GS TRANSPORT PROPERTIES
RT . VISCOSITY
EDDY VISCOSITY
FLOW CHARACTERISTICS
FLOW RESISTANCE
INTERNAL FRICTION
TURBULENT FLOW
VISCOUS DRAG
VISCOUS FLOW

EDEMA

GS SIGNS AND SYMPTOMS
RT . **EDEMA**
BODY FLUIDS
DIURESIS
WATER BALANCE

EDGE DETECTION

UF BOUNDARY DETECTION (IMAGERY)
GS DETECTION
RT . **EDGE DETECTION**
COMPUTER VISION
IMAGE ANALYSIS
IMAGE PROCESSING
PATTERN RECOGNITION
SCENE ANALYSIS

EDGE DISLOCATIONS

UF SLIP BANDS
GS DEFECTS
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
DISLOCATIONS (MATERIALS)
CRYSTAL DISLOCATIONS
EDGE DISLOCATIONS
RT ∞ BANDS
SCREW DISLOCATIONS

EDGE LOADING

GS LOADS (FORCES)
RT . **EDGE LOADING**
AERODYNAMIC LOADS
COMPRESSION LOADS
DYNAMIC LOADS
STATIC LOADS
WING LOADING

EDGES

GS **EDGES**
LEADING EDGES
BLUNT LEADING EDGES
SHARP LEADING EDGES
TRAILING EDGES
BLUNT TRAILING EDGES
RT MARGINS
RIMS
SCALLOPING
SIDES
TIPS

EDITING

RT DATA PROCESSING
DATA REDUCTION
EDITING ROUTINES (COMPUTERS)
FORMAT
TECHNICAL WRITING

EDITING ROUTINES (COMPUTERS)

GS COMPUTER PROGRAMS
RT . **EDITING ROUTINES (COMPUTERS)**
COMPUTER SYSTEMS PROGRAMS
DATA PROCESSING
EDITING

EDTA

USE ETHYLENEDIAMINETETRAACETIC ACIDS

EDUCATION

UF INSTRUCTIONS
TEACHING
TRAINING
GS **EDUCATION**
ASTRONAUT TRAINING
EJECTION TRAINING
FLIGHT TRAINING
SPACE FLIGHT TRAINING
GUNNERY TRAINING
MAINTENANCE TRAINING
PILOT TRAINING
RT BEHAVIOR
COMMUNICATING
CREATIVITY
EXPERIENCE
HUMAN FACTORS ENGINEERING
HUMAN RESOURCES
INSTRUCTORS
KNOWLEDGE
LEARNING
LEARNING THEORY
LECTURES
MEMORY
∞ ORIENTATION
PSYCHOMETRICS
QUALIFICATIONS
RETRAINING
SAFETY MANAGEMENT
SCHOOLS
STUDENTS
∞ TESTS
TEXTBOOKS
TRAINING ANALYSIS
TRAINING DEVICES
TRANSFER OF TRAINING
UNIVERSITIES

EDUCATIONAL TELEVISION

GS TELECOMMUNICATION
RT . **EDUCATIONAL TELEVISION**
TELEVISION SYSTEMS
EDUCATIONAL TELEVISION
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATION EQUIPMENT
LEARNING
STEREOTELEVISION
TRAINING DEVICES

EEG (ELECTROENCEPHALOGRAMS)

USE ELECTROENCEPHALOGRAPHY

EFFECTIVE PERCEIVED NOISE LEVELS

UF EPNL
GS LEVEL (QUANTITY)
RT . **EFFECTIVE PERCEIVED NOISE LEVELS**
ACOUSTIC MEASUREMENT
ACOUSTICS
LOUDNESS
∞ NOISE
NOISE (SOUND)
NOISE INTENSITY
NOISE REDUCTION
SOUND INTENSITY

EFFECTIVENESS

GS **EFFECTIVENESS**
 . COST EFFECTIVENESS
 . SYSTEM EFFECTIVENESS
 RT EFFICIENCY

∞ EFFECTORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ACTUATORS
 CONTROL EQUIPMENT
 END EFFECTORS
 MANIPULATORS

∞ EFFECTS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF AFFECTS
 RT ATMOSPHERIC EFFECTS
 AUGER EFFECT
 BARKHAUSEN EFFECT
 BAUSCHINGER EFFECT
 BIOLOGICAL EFFECTS
 BRILLOUIN EFFECT
 BROWN WAVE EFFECT
 CAPTURE EFFECT
 CAUSES
 CERENKOV RADIATION
 CHEMICAL EFFECTS
 COANDA EFFECT
 COMPRESSIBILITY EFFECTS
 COMPTON EFFECT
 CORIOLIS EFFECT
 DIFFUSION
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 ELECTRO-OPTICAL EFFECT
 ENVIRONMENT EFFECTS
 ETtingshausen EFFECT
 FARADAY EFFECT
 FIELD EFFECT TRANSISTORS
 FIZEAU EFFECT
 FORBUSH DECREASES
 GALVANOMAGNETIC EFFECTS
 GRAVITATIONAL EFFECTS
 GREEN WAVE EFFECT
 GREENHOUSE EFFECT
 GROUND EFFECT (AERODYNAMICS)
 GROUND EFFECT (COMMUNICATIONS)
 GROUND EFFECT MACHINES
 GUNN EFFECT
 HALL EFFECT
 HYDRODYNAMIC RAM EFFECT
 ISOTOPE EFFECT
 JAHN-TELLER EFFECT
 JET BLAST EFFECTS
 JOULE-THOMSON EFFECT
 ∞ KERR EFFECTS
 KERR ELECTROOPTICAL EFFECT
 KERR MAGNETOOPTICAL EFFECT
 KIRKENDALL EFFECT
 KONDO EFFECT
 LONG TERM EFFECTS
 LUNAR EFFECTS
 LUNAR GRAVITATIONAL EFFECTS
 LUXEMBOURG EFFECT
 MAGNETIC EFFECTS
 MAGNUS EFFECT
 MOIRE EFFECTS
 MOSSBAUER EFFECT
 NERNST-ETTINGSHAUSEN EFFECT
 NONOHMIC EFFECT
 NUCLEAR EXPLOSION EFFECT
 OVERHAUSER EFFECT
 PATHOLOGICAL EFFECTS
 PELTIER EFFECTS
 PENNING EFFECT
 PHOTOELECTRIC EFFECT
 PHOTOELECTROMAGNETIC EFFECTS
 PHOTOMAGNETIC EFFECTS
 PHOTOMECHANICAL EFFECT
 PHOTOVOLTAIC EFFECT
 PHYSIOLOGICAL EFFECTS
 PINCH EFFECT
 POGO EFFECTS
 POYNTING-ROBERTSON EFFECT
 PRESSURE EFFECTS
 PROXIMITY EFFECT (ELECTRICITY)
 PSYCHOLOGICAL EFFECTS
 RADIATION EFFECTS
 RAMSAUER EFFECT
 REENTRY EFFECTS
 RELATIVISTIC EFFECTS

EFFECTS--(cont.)

SCALE EFFECT
 SCHACH EFFECT
 SCREEN EFFECT
 SEEBECK EFFECT
 SOLAR ACTIVITY EFFECTS
 STARK EFFECT
 STERILIZATION EFFECTS
 SUHL EFFECT
 SURFACE EFFECT SHIPS
 SURFACE ROUGHNESS EFFECTS
 SWEEP EFFECT
 TEMPERATURE EFFECTS
 THERMOMAGNETIC EFFECTS
 TURBULENCE EFFECTS
 UMKEHR EFFECT
 VACUUM EFFECTS
 VIBRATION EFFECTS
 VIEW EFFECTS
 VOIGT EFFECT
 WIND EFFECTS
 ZEEMAN EFFECT
 ZENER EFFECT

EFFERENT NERVOUS SYSTEMS

UF MOTOR SYSTEMS (BIOLOGY)
 GS ANATOMY
 . NERVOUS SYSTEM
 . . . **EFFERENT NERVOUS SYSTEMS**
 RT SENSORIMOTOR PERFORMANCE
 ∞ SYSTEMS

EFFERVESCENCE

RT BOILING
 BUBBLES
 SURFACE PROPERTIES

EFFICIENCY

GS **EFFICIENCY**
 . CHARGE EFFICIENCY
 . COMBUSTION EFFICIENCY
 . COMPRESSOR EFFICIENCY
 . ENERGY CONVERSION EFFICIENCY
 . NOZZLE EFFICIENCY
 . POWER EFFICIENCY
 . PROPULSIVE EFFICIENCY
 . . . PROPELLER EFFICIENCY
 . THERMODYNAMIC EFFICIENCY
 . TRANSMISSION EFFICIENCY
 RT AIRCRAFT PRODUCTION COSTS
 COMFORT
 COMMONALITY
 COMPRESSION RATIO
 COMPUTER SYSTEMS PERFORMANCE
 COST INCENTIVES
 COST REDUCTION
 COSTS
 ECONOMIC ANALYSIS
 ECONOMIC FACTORS
 EFFECTIVENESS
 FEASIBILITY
 FIGURE OF MERIT
 HUMAN FACTORS ENGINEERING
 INCENTIVE TECHNIQUES
 INDEXES (RATIOS)
 OPTIMIZATION
 ∞ PERFORMANCE
 ∞ PRODUCTIVITY
 RATIOS
 UTILIZATION

EFFLUENTS

RT AIR POLLUTION
 CONTAMINANTS
 ∞ DISCHARGE
 ENVIRONMENT PROTECTION
 EXHAUST GASES
 FILTRATION
 LIQUID WASTES
 REACTION PRODUCTS
 SETTLING
 SEWAGE
 SEWERS
 WASTE DISPOSAL
 WASTES

EFFLUX

RT EMISSION
 OUTPUT

EFFORT

RT ABILITIES
 CONSISTENCY
 FATIGUE (BIOLOGY)
 ∞ PERFORMANCE

EFFORT--(cont.)

PHYSICAL WORK

EFFUSIVES

GS **EFFUSIVES**
 . LAVA
 RT CONES (VOLCANOES)
 IGNEOUS ROCKS
 MARS VOLCANOES
 ROCKS
 VOLCANOES
 VOLCANOLOGY

EGCR (REACTOR)

USE EXPERIMENTAL GAS COOLED REACTORS

EGGS

GS CELLS (BIOLOGY)
 . GAMETOCYTES
 . . . **EGGS**
 RT EMBRYOS
 FETUSES
 ∞ FOOD
 OVARIES

EGO

UF ECCENTRIC GEOPHYSICAL OBSERVATORY
 ECCENTRIC ORBIT GEOPHYSICAL OBSERVATORY
 EGO
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . . OGO
 . . . **EGO**
 OBSERVATORIES
 . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . **EGO**
 RT AGENA B ROCKET VEHICLE
 ATLAS LAUNCH VEHICLES
 POGO

EGRESS

RT AIR LOCKS
 DOORS
 HATCHES
 INGRESS (SPACECRAFT PASSAGEWAY)
 OPENINGS
 OUTLETS

EGYPT

GS NATIONS
 . **EGYPT**
 RT AFRICA

EIGENFUNCTIONS

USE EIGENVECTORS

EIGENSTATES

USE EIGENVECTORS

EIGENVALUES

UF CHARACTERISTIC EQUATIONS
 CHARACTERISTIC FUNCTIONS
 GS ALGEBRA
 . VECTOR SPACES
 . . . MATRICES (MATHEMATICS)
 . . . **EIGENVALUES**
 RT EIGENVECTORS
 FLUX VECTOR SPLITTING
 HILL DETERMINANT
 JACOBI MATRIX METHOD
 JORDAN FORM
 POLYNOMIALS
 ROOTS OF EQUATIONS

EIGENVECTORS

UF CHARACTERISTIC EQUATIONS
 CHARACTERISTIC FUNCTIONS
 EIGENFUNCTIONS
 EIGENSTATES
 GS ALGEBRA
 . VECTOR SPACES
 . . . MATRICES (MATHEMATICS)
 . . . **EIGENVECTORS**
 . . . VECTORS (MATHEMATICS)
 . . . **EIGENVECTORS**
 RT EIGENVALUES
 JACOBI MATRIX METHOD
 MATHIEU FUNCTION
 POLYNOMIALS

EIKONAL EQUATION

- GS WAVE EQUATIONS
- . **EIKONAL EQUATION**
- RT ∞ EQUATIONS
- GEOMETRICAL OPTICS
- POMERANCHUK THEOREM
- REFRACTED WAVES
- WAVE FRONTS
- ∞ WAVES

EINSTEIN EQUATIONS

- GS ANALYSIS (MATHEMATICS)
- . REAL VARIABLES
- . **EINSTEIN EQUATIONS**
- RT BROWNIAN MOVEMENTS
- DIFFUSION
- DIFFUSION THEORY
- ∞ EQUATIONS
- EQUATIONS OF MOTION
- GRAND UNIFIED THEORY
- KINETIC EQUATIONS
- PROBABILITY THEORY

EINSTEIN OBSERVATORY

- USE HEAO 2

EINSTEINIUM

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- . . . **EINSTEINIUM**
- . . . NUCLIDES
- . . . ISOTOPES
- . . . RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- **EINSTEINIUM**
- . METALS
- . ACTINIDE SERIES
- . . . TRANSURANIUM ELEMENTS
- . . . **EINSTEINIUM**
- RT EINSTEINIUM COMPOUNDS

EINSTEINIUM COMPOUNDS

- GS ACTINIDE SERIES COMPOUNDS
- . **EINSTEINIUM COMPOUNDS**
- RT EINSTEINIUM

EISCAT RADAR SYSTEM (EUROPE)

- UF EUROPEAN INCOHERENT SCATTER
- RADAR
- GS RADAR
- . INCOHERENT SCATTER RADAR
- . . . **EISCAT RADAR SYSTEM (EUROPE)**
- RT INCOHERENT SCATTERING
- INTERNATIONAL COOPERATION
- IONOSPHERIC PROPAGATION
- RADAR SCATTERING
- RADAR TRANSMISSION
- ∞ SYSTEMS
- ULTRAHIGH FREQUENCIES

EJECTA

- RT CRATERING
- CRATERS
- DEBRIS
- EJECTION
- FRAGMENTS
- IMPACT DAMAGE
- MARS CRATERS
- METEORITE CRATERS
- METEORITIC DAMAGE
- PROJECTILE CRATERING
- WOLF-RAYET STARS

EJECTION

- GS **EJECTION**
- . STELLAR MASS EJECTION
- RT BAILOUT
- ∞ DISCHARGE
- DISCONNECT DEVICES
- DISPOSAL
- DUMPING
- EJECTA
- EJECTORS
- EMISSION
- EMPTYING
- ESCAPE (ABANDONMENT)
- ESCAPE SYSTEMS
- EVACUATING (TRANSPORTATION)
- EVACUATING (VACUUM)
- EXHAUSTING
- EXPULSION
- EXPULSION BLADDERS
- FLUSHING
- JETTISON SYSTEMS

EJECTION--(cont.)

- JETTISONING
- MATERIALS HANDLING
- PARACHUTE DESCENT
- RELEASING
- REMOVAL
- SHEDDING
- THROWING
- UNLOADING

EJECTION INJURIES

- GS INJURIES
- . **EJECTION INJURIES**
- RT BAILOUT
- PILOT TRAINING

EJECTION SEATS

- GS ONBOARD EQUIPMENT
- . AIRCRAFT EQUIPMENT
- . . **EJECTION SEATS**
- . . . FLYING EJECTION SEATS
- . SAFETY DEVICES
- . **EJECTION SEATS**
- . . FLYING EJECTION SEATS
- . SEATS
- . **EJECTION SEATS**
- . . FLYING EJECTION SEATS
- RT ABORT APPARATUS
- AIRCRAFT SAFETY
- BAILOUT
- COCKPITS
- EJECTORS
- ESCAPE CAPSULES
- ESCAPE SYSTEMS
- JETTISON SYSTEMS
- ∞ PROPELLANT ACTUATED DEVICES

EJECTION TRAINING

- GS EDUCATION
- . **EJECTION TRAINING**
- RT ASTRONAUT TRAINING
- BAILOUT
- ESCAPE (ABANDONMENT)
- FLIGHT TRAINING
- PARACHUTE DESCENT
- PILOT TRAINING

EJECTORS

- RT DISPENSERS
- EJECTION
- EJECTION SEATS
- EXHAUST DIFFUSERS
- EXHAUST NOZZLES
- EXHAUST SYSTEMS
- FLYING EJECTION SEATS
- INJECTORS
- JET ENGINES
- JET PUMPS
- MATERIALS HANDLING
- PUMPS
- ROCKET ENGINES
- SPRAYERS
- VACUUM PUMPS

EKMAN LAYER

- RT ATMOSPHERIC BOUNDARY LAYER
- BOUNDARY LAYER TRANSITION
- ∞ LAYERS
- MIXING LAYERS (FLUIDS)
- POROUS BOUNDARY LAYER CONTROL
- TURBULENT BOUNDARY LAYER

EL NINO

- GS CIRCULATION
- . WATER CIRCULATION
- . . WATER CURRENTS
- . . . OCEAN CURRENTS
- . . . **EL NINO**
- RT AIR WATER INTERACTIONS
- OCEAN TEMPERATURE
- PACIFIC OCEAN
- PERIODIC VARIATIONS
- SOUTHERN OSCILLATION
- TROPICAL METEOROLOGY

EL SALVADOR

- GS NATIONS
- . **EL SALVADOR**
- RT CENTRAL AMERICA

ELASTIC ANISOTROPY

- GS ANISOTROPY
- . PLASTIC ANISOTROPY
- . . **ELASTIC ANISOTROPY**

ELASTIC BARS

- GS BARS
- . **ELASTIC BARS**

ELASTIC BENDING

- GS BENDING
- . **ELASTIC BENDING**
- DEFORMATION
- . ELASTIC DEFORMATION
- . **ELASTIC BENDING**
- RT EARTHQUAKE RESISTANT STRUCTURES

ELASTIC BODIES

- RT ∞ BODIES
- ∞ ELASTIC SYSTEMS
- ELASTODYNAMICS
- ELASTOSTATICS
- PLASTIC BODIES

ELASTIC BUCKLING

- GS BUCKLING
- . **ELASTIC BUCKLING**
- DEFORMATION
- . ELASTIC DEFORMATION
- . **ELASTIC BUCKLING**
- RT FAILURE MODES

ELASTIC COLLISIONS

- USE ELASTIC SCATTERING

ELASTIC CONSTANTS

- USE ELASTIC PROPERTIES

ELASTIC CYLINDERS

- RT ∞ CYLINDERS
- CYLINDRICAL BODIES
- CYLINDRICAL SHELLS

ELASTIC DAMPING

- GS DAMPING
- . **ELASTIC DAMPING**
- . . VISCOELASTIC DAMPING
- ELASTODYNAMICS
- . **ELASTIC DAMPING**
- . . VISCOELASTIC DAMPING
- RT RESONANCE TESTING
- VIBRATION DAMPING
- VISCOUS DAMPING

ELASTIC DEFORMATION

- GS DEFORMATION
- . **ELASTIC DEFORMATION**
- . . ELASTIC BENDING
- . . ELASTIC BUCKLING
- RT AXIAL STRAIN
- BENDING
- BORDONI PEAKS
- DEFLECTION
- ELASTODYNAMICS
- ELASTOSTATICS
- FLEXIBLE SPACECRAFT
- PLANE STRAIN
- PLASTIC DEFORMATION
- PRESTRESSING
- STRAIN DISTRIBUTION
- STRAIN ENERGY RELEASE RATE
- STRESS-STRAIN RELATIONSHIPS
- STRETCHING
- STRUCTURAL STRAIN
- TENSILE DEFORMATION

ELASTIC MEDIA

- GS MEDIA
- . **ELASTIC MEDIA**
- RT ELASTODYNAMICS
- ELASTOSTATICS

ELASTIC MODULUS

- USE MODULUS OF ELASTICITY

ELASTIC PLATES

- GS STRUCTURAL MEMBERS
- . PLATES (STRUCTURAL MEMBERS)
- . . **ELASTIC PLATES**
- RT PLASTIC BODIES
- PLASTIC PLATES

ELASTIC PROPERTIES

- UF ELASTIC CONSTANTS
- ELASTICITY
- GS MECHANICAL PROPERTIES
- . **ELASTIC PROPERTIES**
- . . AEROELASTICITY
- . . . AEROSERVOELASTICITY

ELASTIC PROPERTIES--(cont.)

- ... AEROTHERMOELASTICITY
- ... ANELASTICITY
- ... ELASTOPLASTICITY
- ... HYDROELASTICITY
- ... HYPOELASTICITY
- ... MAGNETOSTRICTION
- ... MODULUS OF ELASTICITY
- ... DYNAMIC MODULUS OF ELASTICITY
- ... PHOTOELASTICITY
- ... PHOTOVISCOELASTICITY
- ... PROPORTIONAL LIMIT
- ... THERMOELASTICITY
- ... AEROTHERMOELASTICITY
- ... VISCOELASTICITY
- ... PHOTOVISCOELASTICITY
- ... THERMOVISCOELASTICITY
- RT AIRY FUNCTION
- BIHARMONIC EQUATIONS
- COMPRESSIVE STRENGTH
- ELASTODYNAMICS
- ELASTOMETERS
- ELASTOSTATICS
- FLEXIBILITY
- HOOKE'S LAW
- HYBRID STRUCTURES
- INFLUENCE COEFFICIENT
- MICROSONICS
- MICROYIELD STRENGTH
- ∞ PHYSICAL PROPERTIES
- PIEZOELECTRICITY
- PLASTIC PROPERTIES
- POISSON RATIO
- PROPELLANT PROPERTIES
- RESILIENCE
- SOFTNESS
- STRAIN ENERGY RELEASE RATE
- STRESS TENSORS
- TENSILE PROPERTIES
- TENSILE STRENGTH
- YIELD STRENGTH

ELASTIC SCATTERING

- UF ELASTIC COLLISIONS
- GS SCATTERING
- RT **ELASTIC SCATTERING**
- ATOMIC COLLISIONS
- ∞ COHERENCE
- COHERENT SCATTERING
- ELECTRON SCATTERING
- GLAUBER THEORY
- INELASTIC SCATTERING
- NUCLEAR SCATTERING
- PHOTON-ELECTRON INTERACTION
- POMERANCHUK THEOREM

ELASTIC SHEETS

- RT GIRDER WEBS
- ∞ SHEETS
- WEBS (SHEETS)
- WEBS (SUPPORTS)

ELASTIC SHELLS

- GS SHELLS (STRUCTURAL FORMS)
- ... **ELASTIC SHELLS**
- RT ANISOTROPIC SHELLS
- PLASTIC SHELLS

ELASTIC STABILITY

- USE DAMPING

ELASTIC STRENGTH

- USE PROPORTIONAL LIMIT

∞ ELASTIC SYSTEMS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT EARTHQUAKE RESISTANT STRUCTURES
- ELASTIC BODIES
- ∞ SYSTEMS

ELASTIC WAVES

- UF EXPANSION WAVES
- LOADING WAVES
- PRESSURE WAVES
- RAREFACTION WAVES
- GS **ELASTIC WAVES**
- ... CAPILLARY WAVES
- ... GRAVITY WAVES
- ... BAROCLINIC WAVES
- ... RIPPLES
- ... COHERENT ACOUSTIC RADIATION
- ... COMPRESSION WAVES
- ... DILATATIONAL WAVES

ELASTIC WAVES--(cont.)

- ... IONIC WAVES
- ... MAGNETOELASTIC WAVES
- ... MAGNETOACOUSTIC WAVES
- ... MAGNETOHYDRODYNAMIC WAVES
- ... PLASMA WAVES
- ... ELECTROSTATIC WAVES
- ... P WAVES
- ... PHONONS
- ... PHONON BEAMS
- ... POLARIZED ELASTIC WAVES
- ... S WAVES
- ... SH WAVES
- ... SEISMIC WAVES
- ... LOVE WAVES
- ... MICROSEISMS
- ... RAYLEIGH WAVES
- ... SHOCK WAVES
- ... DETONATION WAVES
- ... MACH CONES
- ... NORMAL SHOCK WAVES
- ... OBLIQUE SHOCK WAVES
- ... RIEMANN WAVES
- ... SONIC BOOMS
- ... SOUND WAVES
- ... ELECTROACOUSTIC WAVES
- ... ION ACOUSTIC WAVES
- ... LAMB WAVES
- ... NOISE (SOUND)
- ... AERODYNAMIC NOISE
- ... BLADE SLAP NOISE
- ... PROPELLER NOISE
- ... AIRCRAFT NOISE
- ... BLADE SLAP NOISE
- ... JET AIRCRAFT NOISE
- ... PROPELLER NOISE
- ... SONIC BOOMS
- ... ENGINE NOISE
- ... ROCKET ENGINE NOISE
- ... THERMAL NOISE
- ... STRESS WAVES
- ... TOLLMIEN-SCHLICHTING WAVES
- ... ULTRASONIC RADIATION
- ... UNLOADING WAVES
- RT ACOUSTIC PROPAGATION
- ACOUSTIC SIMULATION
- ACOUSTICS
- AEOLIAN TONES
- BACKGROUND NOISE
- BACKWARD WAVES
- CNOIDAL WAVES
- COHERENT RADIATION
- COMBUSTION VIBRATION
- CONTINUOUS RADIATION
- CYLINDRICAL WAVES
- DIFFUSION WAVES
- DOPPLER EFFECT
- ELASTODYNAMICS
- ELASTOHYDRODYNAMICS
- LAME WAVE EQUATIONS
- LONGITUDINAL WAVES
- MAGNETOHYDRODYNAMIC STABILITY
- PLANE WAVES
- POLARIZED RADIATION
- PRESSURE
- PULSED RADIATION
- ∞ RADIATION
- RADIATION DISTRIBUTION
- RADIATION PRESSURE
- RAREFACTION
- REFLECTED WAVES
- REFRACTED WAVES
- SINE WAVES
- SOLITARY WAVES
- SOUND TRANSMISSION
- SPHERICAL WAVES
- STRESS PROPAGATION
- SURFACE WAVES
- TRANSVERSE WAVES
- TRAVELING WAVES
- TROPOSPHERIC WAVES
- UNDERWATER ACOUSTICS
- VIBRATION
- WAVE DISPERSION
- ∞ WAVES

ELASTICITY

- USE ELASTIC PROPERTIES

ELASTICIZERS

- USE PLASTICIZERS

ELASTIN

- GS BIOPOLYMERS
- ... PROTEINS

ELASTIN--(cont.)

- ... **ELASTIN**
- ... ORGANIC COMPOUNDS
- ... PROTEINS
- ... **ELASTIN**
- RT ALBUMINS
- ELASTODYNAMICS**
- GS **ELASTODYNAMICS**
- ... ELASTIC DAMPING
- ... VISCOELASTIC DAMPING
- ... ELASTOHYDRODYNAMICS
- RT ∞ DYNAMICS
- ELASTIC BODIES
- ELASTIC DEFORMATION
- ELASTIC MEDIA
- ELASTIC PROPERTIES
- ELASTIC WAVES
- ELASTOSTATICS
- ELECTORHEOLOGICAL FLUIDS

ELASTOHYDRODYNAMICS

- GS ELASTODYNAMICS
- ... **ELASTOHYDRODYNAMICS**
- ... FLUID MECHANICS
- ... FLUID DYNAMICS
- ... HYDRODYNAMICS
- ... **ELASTOHYDRODYNAMICS**
- ... HYDROMECHANICS
- ... HYDRODYNAMICS
- ... **ELASTOHYDRODYNAMICS**
- RT BALL BEARINGS
- ELASTIC WAVES
- FRICTION MEASUREMENT
- LUBRICATION
- ROTATING CYLINDERS
- SQUEEZE FILMS
- WATER WAVES

ELASTOMERS

- GS RUBBER
- ... SYNTHETIC RUBBERS
- ... **ELASTOMERS**
- ... CHLOROPRENE RESINS
- ... THIOPLASTICS
- ... VITON RUBBER (TRADEMARK)
- ... VULCANIZED ELASTOMERS
- RT LATEX
- ORGANIC MATERIALS
- PLASTICS
- ∞ POLYMERS
- SILICONE RUBBER
- SOLITHANES
- SPONGES (MATERIALS)

ELASTOMETERS

- GS MEASURING INSTRUMENTS
- ... **ELASTOMETERS**
- RT ELASTIC PROPERTIES
- EXTENSOMETERS
- STRAIN GAGES

ELASTOPLASTICITY

- GS MECHANICAL PROPERTIES
- ... ELASTIC PROPERTIES
- ... **ELASTOPLASTICITY**
- ... PLASTIC PROPERTIES
- ... **ELASTOPLASTICITY**
- RT J INTEGRAL
- PLASTIC BODIES
- PLASTIC PLATES
- PLASTIC SHELLS

ELASTOSTATICS

- RT ELASTIC BODIES
- ELASTIC DEFORMATION
- ELASTIC MEDIA
- ELASTIC PROPERTIES
- ELASTODYNAMICS
- STATICS

ELBER EQUATION

- RT CRACK CLOSURE
- CRACKS
- CYCLIC LOADS
- ∞ EQUATIONS
- FRACTOGRAPHY
- FRACTURE MECHANICS
- MICROCRACKS
- STRESS CONCENTRATION
- STRESS CYCLES

ELBOW (ANATOMY)

- GS ANATOMY
- ... LIMBS (ANATOMY)

ELBOW (ANATOMY)---(cont.)

- .. ARM (ANATOMY)
 - .. **ELBOW (ANATOMY)**
 - .. MUSCULOSKELETAL SYSTEM
 - .. JOINTS (ANATOMY)
 - .. **ELBOW (ANATOMY)**
 - APPENDAGES
 - .. ARM (ANATOMY)
 - .. **ELBOW (ANATOMY)**
- RT HUMERUS
ULNA

ELDO LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- .. **ELDO LAUNCH VEHICLE**
 - ROCKET VEHICLES
 - .. MULTISTAGE ROCKET VEHICLES
 - .. **ELDO LAUNCH VEHICLE**
- RT ARIANE LAUNCH VEHICLE
BLUE STREAK LAUNCH VEHICLE
EUROPA LAUNCH VEHICLES
EUROPEAN SPACE AGENCY
EUROPEAN 1 SPACECRAFT

ELECTRA AIRCRAFT

- GS COMMERCIAL AIRCRAFT
- .. **ELECTRA AIRCRAFT**
 - JET AIRCRAFT
 - .. TURBOPROP AIRCRAFT
 - .. **ELECTRA AIRCRAFT**
 - LOCKHEED AIRCRAFT
 - .. **ELECTRA AIRCRAFT**
 - MONOPLANES
 - .. **ELECTRA AIRCRAFT**
 - PASSENGER AIRCRAFT
 - .. **ELECTRA AIRCRAFT**
 - TRANSPORT AIRCRAFT
 - .. **ELECTRA AIRCRAFT**
- RT ∞ AIRCRAFT

ELECTRETS

- RT CAPACITORS
- CURIE TEMPERATURE
 - DIELECTRIC POLARIZATION
 - DIELECTRICS
 - ELECTRIC ENERGY STORAGE
 - ELECTRIC FIELDS
 - ENERGY STORAGE
 - MAGNETS
 - POLARIZATION (CHARGE SEPARATION)

ELECTRIC AIRCRAFT

- USE FLY BY WIRE CONTROL

ELECTRIC APPLIANCES

- USE ELECTRIC EQUIPMENT

ELECTRIC ARCS

- GS ELECTRIC CURRENT
- .. ELECTRIC DISCHARGES
 - .. **ELECTRIC ARCS**
 - .. CARBON ARCS
 - .. MERCURY ARCS
- RT ARC CHAMBERS
ARC DISCHARGES
ARC GENERATORS
- ∞ ARCS
- CORONAS
 - ELECTRICAL FAULTS
 - FLASHOVER
 - GAS DISCHARGES
 - GLOW DISCHARGES
 - IONIZATION
 - LIGHT SOURCES
 - LIGHTNING
 - MAGNETOHYDRODYNAMICS
 - PLANOTRONS
 - PLASMA GENERATORS
 - PLASMAS (PHYSICS)
 - SAHA EQUATIONS
 - SHORT CIRCUITS

ELECTRIC AUTOMOBILES

- GS SURFACE VEHICLES
- .. MOTOR VEHICLES
 - .. AUTOMOBILES
 - .. **ELECTRIC AUTOMOBILES**
- RT TRANSPORTATION

ELECTRIC BATTERIES

- SN (INCLUDES BOTH RECHARGEABLE OR STORAGE BATTERIES AND NON-RECHARGEABLE BATTERIES FOR GENERATING CURRENT FROM A STORED CHEMICAL ENERGY SOURCE)

ELECTRIC BATTERIES---(cont.)

- UF BATTERIES
- GS ELECTROCHEMICAL CELLS
- .. **ELECTRIC BATTERIES**
 - .. LITHIUM SULFUR BATTERIES
 - .. NICKEL IRON BATTERIES
 - .. PRIMARY BATTERIES
 - .. ALKALINE BATTERIES
 - .. DRY CELLS
 - .. MAGNESIUM CELLS
 - .. NICKEL ZINC BATTERIES
 - .. METAL AIR BATTERIES
 - .. ZINC-OXYGEN BATTERIES
 - .. SODIUM SULFUR BATTERIES
 - .. THERMAL BATTERIES
 - .. REDOX CELLS
 - .. STORAGE BATTERIES
 - .. LEAD ACID BATTERIES
 - .. NICKEL CADMIUM BATTERIES
 - .. NICKEL HYDROGEN BATTERIES
 - .. NICKEL ZINC BATTERIES
 - .. SILVER CADMIUM BATTERIES
 - .. SILVER HYDROGEN BATTERIES
 - .. SILVER ZINC BATTERIES
 - .. ZINC-BROMIDE BATTERIES
 - .. ZINC-CHLORINE BATTERIES
 - .. WET CELLS
- RT AUXILIARY POWER SOURCES
- BATTERY CHARGERS
 - CHARGE EFFICIENCY
 - CHEMICAL AUXILIARY POWER UNITS
 - DIRECT POWER GENERATORS
 - ∞ ELECTRIC CELLS
 - ELECTRODES
 - ELECTROLYTES
 - ELECTROLYTIC CELLS
 - ELECTROMOTIVE FORCES
 - ∞ ENERGY SOURCES
 - ENERGY STORAGE
 - NONAQUEOUS ELECTROLYTES
 - ∞ POWER SUPPLIES
 - PULSE CHARGING
 - RADIOISOTOPE BATTERIES
 - ROADWAY POWERED VEHICLES
 - SPACE STATION POWER SUPPLIES
 - SPACECRAFT POWER SUPPLIES
 - VOLTAGE CONVERTERS (DC TO DC)

ELECTRIC BRIDGES

- GS CIRCUITS
- .. **ELECTRIC BRIDGES**
 - .. WIRE BRIDGE CIRCUITS
 - .. WHEATSTONE BRIDGES
- RT ∞ BRIDGES
- CAPACITORS
 - ELECTRICAL MEASUREMENT
 - MEASURING INSTRUMENTS
 - SOLID STATE DEVICES

∞ ELECTRIC CELLS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AMPLIFIERS
- DIRECT POWER GENERATORS
 - ELECTRIC BATTERIES
 - ELECTRIC GENERATORS
 - ELECTROCHEMICAL CELLS
 - ELECTROLYTIC CELLS
 - FISSION ELECTRIC CELLS
 - FUEL CELLS
 - KERR CELLS
 - LEAD ACID BATTERIES
 - LITHIUM SULFUR BATTERIES
 - NONAQUEOUS ELECTROLYTES
 - PHOTOELECTRIC CELLS
 - SODIUM SULFUR BATTERIES
 - SOLAR CELLS
 - WET CELLS

ELECTRIC CHARGE

- GS **ELECTRIC CHARGE**
- .. ELECTRIC DIPOLES
 - .. ORBITING DIPOLES
 - .. ELECTROSTATIC CHARGE
 - .. ION CHARGE
 - .. SPACE CHARGE
 - .. TRAVELING CHARGE
- RT CAPACITANCE
- ∞ CHARGING
- ∞ DIPOLES
- ELECTRICAL PROPERTIES
 - ELECTROMETERS
 - POLARITY
 - POLARIZATION (CHARGE SEPARATION)

ELECTRIC CHARGE---(cont.)

- PULSE CHARGING
- SCATHA SATELLITE

ELECTRIC CHOPPERS

- SN (DEVICES FOR CONVERTING DC TO AC)
- UF CHOPPERS (ELECTRIC)
- RT AMPLIFIERS
- MECHANICAL OSCILLATORS

ELECTRIC CIRCUITS

- USE CIRCUITS

ELECTRIC COILS

- GS **ELECTRIC COILS**
- .. MAGNETIC COILS
 - .. FIELD COILS
 - .. MAGNET COILS
- RT CHOKES
- ∞ COILS
- IGNITION SYSTEMS
 - IMPEDANCE
 - MAGNETIC CORES
 - TRANSFORMERS

ELECTRIC CONDUCTORS

- UF ELECTRICAL LEADS
- GS CONDUCTORS
- .. **ELECTRIC CONDUCTORS**
 - .. BEAM LEADS
 - .. CONDUCTING POLYMERS
- RT ∞ CONDUCTION
- DIELECTRICS
 - EDDY CURRENTS
 - ELECTRICAL INSULATION
 - ELECTRICAL RESISTIVITY
 - ELECTROSTATIC SHIELDING
 - INSULATORS
 - RESISTORS
 - SEMICONDUCTORS (MATERIALS)
 - SOMMERFELD WAVES
 - THERMAL CONDUCTORS
 - TRANSMISSION LINES

ELECTRIC CONNECTORS

- UF CONNECTORS (ELECTRIC)
- GS JACKS (ELECTRICAL)
- CONNECTORS
- .. **ELECTRIC CONNECTORS**
- RT BEAM LEADS
- CIRCUITS
 - DISCONNECT DEVICES
 - ELECTRIC TERMINALS
 - FLAT CONDUCTORS
 - ∞ JACKS
 - SWITCHES

ELECTRIC CONTACTS

- UF CONTACTS (ELECTRIC)
- RT BRUSHES
- BRUSHES (ELECTRICAL CONTACTS)
 - COMMUTATORS
 - CONTACT POTENTIALS
 - CONTACT RESISTANCE
 - DROPOUTS
 - FLAT CONDUCTORS
 - ∞ RELAY
 - ∞ SLIDING CONTACT
 - SLIDING FRICTION
 - SWITCHES

ELECTRIC CONTROL

- UF ELECTROHYDRAULIC CONTROL
- RT AUTOMATIC CONTROL
- ∞ CONTROL
- CONTROL EQUIPMENT
 - CONTROL SYSTEMS DESIGN
 - ELECTRONIC CONTROL
 - ENGINE CONTROL
 - NUMERICAL CONTROL
 - OPTICAL CONTROL
 - REMOTE CONTROL
 - SOLENOID VALVES
 - VOLTAGE CONTROLLED OSCILLATORS

ELECTRIC CORONA

- UF CORONA DISCHARGES
- GS CORONAS
- .. **ELECTRIC CORONA**
 - ELECTRIC CURRENT
 - .. ELECTRIC DISCHARGES
 - .. **ELECTRIC CORONA**
- RT ATMOSPHERIC ELECTRICITY
- ELECTROHYDRODYNAMICS
 - GLOW DISCHARGES

ELECTRIC CORONA--(cont.)

IONIZATION
SOLAR CORONA
STATIC ELECTRICITY

ELECTRIC CURRENT

UF AMPERAGE
ELECTROSEISMIC EFFECT
HALL CURRENTS
PHOTOCURRENTS
GS **ELECTRIC CURRENT**
. ALTERNATING CURRENT
. BEAM CURRENTS
. BRILLOUIN FLOW
. DIRECT CURRENT
. EDDY CURRENTS
. ELECTRIC DISCHARGES
. ARC DISCHARGES
. ELECTRIC ARCS
. CARBON ARCS
. MERCURY ARCS
. ELECTRIC CORONA
. ELECTRIC SPARKS
. ELECTRODELESS DISCHARGES
. FLASHOVER
. GLOW DISCHARGES
. LIGHTNING
. BALL LIGHTNING
. MULTIPACTOR DISCHARGES
. PENNING DISCHARGE
. RADIO FREQUENCY DISCHARGE
. SAINT ELMO FIRE
. TOWNSEND DISCHARGE
. GAS DISCHARGES
. TOROIDAL DISCHARGE
. RING DISCHARGE
. EXTERNAL SURFACE CURRENTS
. FIELD ALIGNED CURRENTS
. BIRKELAND CURRENTS
. HIGH CURRENT
. IONOSPHERIC CURRENTS
. BIRKELAND CURRENTS
. ELECTROJETS
. AURORAL ELECTROJETS
. EQUATORIAL ELECTROJET
. LINE CURRENT
. LOW CURRENTS
. PLASMA CURRENTS
. RING CURRENTS
. SHORT CIRCUIT CURRENTS
. TELLURIC CURRENTS
. THRESHOLD CURRENTS
RT AMMETERS
CIRCUITS
CURRENT CONVERTERS (AC TO DC)
CURRENT DENSITY
CURRENT REGULATORS
CURRENT SHEETS
∞ CURRENTS
ELECTRICAL RESISTIVITY
ELECTRICITY
HIGH VOLTAGES
HYDROELECTRICITY
INVERTED CONVERTERS (DC TO AC)
KIRCHHOFF LAW OF NETWORKS
LEVITATION MELTING
LIENARD POTENTIAL
LOW CONDUCTIVITY
MICROMILLIAMMETERS
OHMS LAW
POWER CONDITIONING
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
TRANSMISSION LINES
VOLT-AMPERE CHARACTERISTICS

ELECTRIC DIPOLES

GS ELECTRIC CHARGE
. **ELECTRIC DIPOLES**
. ORBITING DIPOLES
RT ∞ DIPOLES
MAGNETIC DIPOLES

ELECTRIC DISCHARGES

GS ELECTRIC CURRENT
. **ELECTRIC DISCHARGES**
. ARC DISCHARGES
. ELECTRIC ARCS
. CARBON ARCS
. MERCURY ARCS
. ELECTRIC CORONA
. ELECTRIC SPARKS
. ELECTRODELESS DISCHARGES
. FLASHOVER
. GLOW DISCHARGES

ELECTRIC DISCHARGES--(cont.)

. . . LIGHTNING
. . . BALL LIGHTNING
. . . MULTIPACTOR DISCHARGES
. . . PENNING DISCHARGE
. . . RADIO FREQUENCY DISCHARGE
. . . SAINT ELMO FIRE
. . . TOWNSEND DISCHARGE
. . . GAS DISCHARGES
. . . TOROIDAL DISCHARGE
. . . RING DISCHARGE
RT AVALANCHES
CORONAS
∞ DISCHARGE
DUOPLASMATRONS
ELECTRON EMISSION
ELECTROSTATIC CHARGE
∞ FLASH
IONIZATION
LIGHTNING SUPPRESSION
MOLNIYA SATELLITES
PLASMA CURRENTS
SPACE CHARGE
ZENER EFFECT

ELECTRIC ENERGY STORAGE

GS ENERGY STORAGE
RT **ELECTRIC ENERGY STORAGE**
CAPACITORS
DIRECT POWER GENERATORS
ELECTRETS
INDUCTORS
POTENTIAL ENERGY

∞ ELECTRIC EQUIPMENT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF ELECTRIC APPLIANCES
RT AIRBORNE EQUIPMENT
CIRCUITS
CURRENT REGULATORS
ELECTRIC GENERATORS
ELECTRIC POWER TRANSMISSION
ELECTRICITY
ELECTROMECHANICAL DEVICES
ELECTRONIC EQUIPMENT
HEATING EQUIPMENT
HOMOPOLAR GENERATORS
LIGHTING EQUIPMENT
LOGISTICS
MINIATURE ELECTRONIC EQUIPMENT
MOTORS
SOLENOID VALVES
UTILITIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)
WELDING MACHINES

ELECTRIC EQUIPMENT TESTS

SN (CHECKOUT OF ELECTRICAL
EQUIPMENT)
RT ELECTRICAL MEASUREMENT
ELECTRONIC EQUIPMENT TESTS
GROUND TESTS
∞ TESTS

ELECTRIC FIELD STRENGTH

GS FIELD STRENGTH
RT **ELECTRIC FIELD STRENGTH**
COULOMB POTENTIAL
∞ FORCE
H WAVES
∞ STRENGTH

ELECTRIC FIELDS

UF ELECTROSTATIC FIELDS
RT BARIUM ION CLOUDS
CAVITONS
CONSTITUTIVE EQUATIONS
COULOMB POTENTIAL
CROSSED FIELDS
CRYSTAL FIELD THEORY
DIELECTRIC POLARIZATION
ELECTRETS
ELECTRODYNAMICS
ELECTROMAGNETISM
ELECTROMECHANICS
ELECTROSTATIC CHARGE
ELECTROSTATICS
EXTERNAL SURFACE CURRENTS
FIELD EMISSION
FIELD STRENGTH
∞ FIELDS
LIENARD POTENTIAL

ELECTRIC FIELDS--(cont.)

MAGNETIC FIELDS
PERMITTIVITY
POLARITY
SPACECRAFT CHARGING
SPARK GAPS
STARK EFFECT
STATIC ELECTRICITY

ELECTRIC FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
. **ELECTRIC FILTERS**
. BANDSTOP FILTERS
. CRYSTAL FILTERS
. DIGITAL FILTERS
. FIR FILTERS
. MICROWAVE FILTERS
. RADAR FILTERS
. RADIO FILTERS
. TRACKING FILTERS
. WAVEGUIDE FILTERS
RT ADAPTIVE FILTERS
BANDPASS FILTERS
CAPACITORS
CIRCUITS
ELECTRONIC FILTERS
∞ FILTERS
HIGH PASS FILTERS
INFRARED FILTERS
KALMAN FILTERS
LINEAR FILTERS
LOW PASS FILTERS
NONLINEAR FILTERS
OPTICAL FILTERS
RC CIRCUITS
RECEIVERS
REDUCED ORDER FILTERS
RESISTORS
TRANSFORMERS
ULTRAVIOLET FILTERS
WIENER FILTERING

ELECTRIC FURNACES

GS HEATING EQUIPMENT
. FURNACES
. **ELECTRIC FURNACES**
RT ∞ MATERIALS
SPACE PROCESSING

ELECTRIC FUSES

RT CIRCUIT PROTECTION
DISCONNECT DEVICES
∞ FUSES

ELECTRIC GENERATORS

UF ELECTRIC POWER CONVERSION
ELECTROGENERATORS
POWER GENERATORS
GS **ELECTRIC GENERATORS**
. AC GENERATORS
. LINEAR ALTERNATORS
. STATIC ALTERNATORS
. DIRECT POWER GENERATORS
. DC GENERATORS
. ELECTROSTATIC GENERATORS
. FUEL CELLS
. BIOCHEMICAL FUEL CELLS
. HYDROGEN OXYGEN FUEL CELLS
. PHOSPHORIC ACID FUEL CELLS
. REGENERATIVE FUEL CELLS
. MAGNETOHYDRODYNAMIC
GENERATORS
. PHOTOELECTRIC GENERATORS
. PHOTOVOLTAIC CELLS
. SOLAR CELLS
. VERTICAL JUNCTION SOLAR
CELLS
. PRIMARY BATTERIES
. ALKALINE BATTERIES
. DRY CELLS
. MAGNESIUM CELLS
. NICKEL ZINC BATTERIES
. METAL AIR BATTERIES
. ZINC-OXYGEN BATTERIES
. SODIUM SULFUR BATTERIES
. THERMAL BATTERIES
. RADIOISOTOPE BATTERIES
. SNAP 7
. SNAP 9A
. SNAP 11
. SNAP 13
. SNAP 15
. SNAP 17
. SNAP 19
. SNAP 21

ELECTRIC GENERATORS--(cont.)

... SNAP 23
 ... SNAP 27
 ... SNAP 29
 ... THERMIONIC CONVERTERS
 ... SNAP 13
 ... SOLAR BLANKETS
 ... THERMOELECTRIC GENERATORS
 ... SNAP 3
 ... SNAP 7
 ... SNAP 9A
 ... SNAP 10A
 ... SNAP 11
 ... SNAP 15
 ... SNAP 17
 ... SNAP 19
 ... SNAP 21
 ... SNAP 23
 ... SNAP 27
 ... SNAP 29
 ... SOLAR SEA POWER PLANTS
 ... ROTATING GENERATORS
 ... AMPLIDYNES
 ... DYNAMOMETERS
 ... HOMOPOLAR GENERATORS
 ... TURBOGENERATORS
 ... ASTEC SOLAR TURBOELECTRIC GENERATOR
 ... SOLAR GENERATORS
 ... SOLAR AUXILIARY POWER UNITS
 ... ASTEC SOLAR TURBOELECTRIC GENERATOR
 ... SOLAR CELLS
 ... VERTICAL JUNCTION SOLAR CELLS
 ... SOLAR DYNAMIC POWER SYSTEMS
 AIRCRAFT POWER SUPPLIES
 ARC GENERATORS
 ARMATURES
 AUXILIARY POWER SOURCES
 BRUSHES
 BRUSHES (ELECTRICAL CONTACTS)
 CLOSED CYCLES
 COGENERATION
 COMBINED CYCLE POWER GENERATION
 ∞ CONVERSION
 ∞ CONVERTERS
 ∞ ELECTRIC CELLS
 ∞ ELECTRIC EQUIPMENT
 ELECTRICAL ENGINEERING
 ELECTROMOTIVE FORCES
 ∞ ENERGY SOURCES
 ∞ GENERATORS
 NUCLEAR ELECTRIC POWER GENERATION
 ∞ POWER
 POWER CONDITIONING
 ∞ POWER SUPPLIES
 SNAP
 SOLAR PONDS (HEAT STORAGE)
 STATIC INVERTERS
 THERMONUCLEAR POWER GENERATION
 TIDE POWERED GENERATORS
 WINDMILLS (WINDPOWERED MACHINES)
 WINDPOWERED GENERATORS

ELECTRIC HYBRID VEHICLES

GS SURFACE VEHICLES
 . **ELECTRIC HYBRID VEHICLES**
 RT AUTOMOBILES
 INTERNAL COMBUSTION ENGINES
 ∞ ROTATING ELECTRICAL MACHINES
 ∞ VEHICLES

ELECTRIC IGNITION

GS IGNITION
 . **ELECTRIC IGNITION**
 RT IGNITERS
 IGNITION SYSTEMS
 SPARK IGNITION
 SQUIBS
 STARTING

ELECTRIC IMPULSES

USE ELECTRIC PULSES

ELECTRIC MOMENTS

GS ELECTRICAL PROPERTIES
 . **ELECTRIC MOMENTS**
 MOMENTS
 . DIPOLE MOMENTS
 . **ELECTRIC MOMENTS**
 RT MAGNETIC MOMENTS
 POLARIZATION (CHARGE SEPARATION)

ELECTRIC MOTOR VEHICLES

GS SURFACE VEHICLES
 . MOTOR VEHICLES
 . **ELECTRIC MOTOR VEHICLES**
 RT AUTOMATED TRANSIT VEHICLES
 AUTOMOBILES
 CRAWLER TRACTORS
 RESEARCH VEHICLES
 ROADWAY POWERED VEHICLES
 TEST VEHICLES
 TRACTORS
 TRUCKS
 ∞ VEHICLES

ELECTRIC MOTORS

GS MOTORS
 . **ELECTRIC MOTORS**
 . ASYNCHRONOUS MOTORS
 . INDUCTION MOTORS
 . MICROMOTORS
 . STEPPING MOTORS
 . SYNCHRONOUS MOTORS
 . TORQUE MOTORS
 RT AMPLIDYNES
 ARMATURES
 BRUSHES
 BRUSHES (ELECTRICAL CONTACTS)
 CIRCUITS
 COMMUTATORS
 DECOMMUTATORS
 POWER FACTOR CONTROLLERS
 ∞ ROTATING ELECTRICAL MACHINES
 SERVOMECHANISMS
 SERVO MOTORS
 STATORS
 TRANSFORMERS

ELECTRIC NETWORKS

RT IMPEDANCE MATCHING
 ∞ NETWORKS
 SNEAK CIRCUIT ANALYSIS
 VOLTAGE CONTROLLED OSCILLATORS

ELECTRIC OUTLETS

RT ∞ POWER TRANSMISSION

ELECTRIC POTENTIAL

UF VOLTAGE
 GS POTENTIAL ENERGY
 . **ELECTRIC POTENTIAL**
 . BIOELECTRIC POTENTIAL
 . CONTACT POTENTIALS
 . COULOMB POTENTIAL
 . LIENARD POTENTIAL
 . LOW VOLTAGE
 . OPEN CIRCUIT VOLTAGE
 . PHOTOVOLTAGES
 . QUANTUM WELLS
 . SPIKE POTENTIALS
 . THRESHOLD VOLTAGE
 RT BARRITT DIODES
 BIAS
 CAPACITANCE-VOLTAGE CHARACTERISTICS
 ELECTROMOTIVE FORCES
 GIBBS-HELMHOLTZ EQUATIONS
 HIGH VOLTAGES
 IONIZATION POTENTIALS
 KIRCHHOFF LAW OF NETWORKS
 OVERVOLTAGE
 ∞ POTENTIAL
 POTENTIOMETERS (INSTRUMENTS)
 POWER CONDITIONING
 STATIC ELECTRICITY
 TRANSCONDUCTANCE
 VOLT-AMPERE CHARACTERISTICS

∞ ELECTRIC POWER

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 UF ELECTRICAL ENERGY
 RT AUXILIARY POWER SOURCES
 ELECTRIC BATTERIES
 ELECTRIC CURRENT
 ELECTRIC POWER PLANTS
 ELECTRIC PROPULSION
 ELECTRICAL PROPERTIES
 ELECTRICITY
 ELECTRIFICATION
 GEOTHERMAL ENERGY UTILIZATION
 HYDROELECTRICITY
 INDUCTION MOTORS
 POYNTING THEOREM
 TOKAMAK DEVICES

ELECTRIC POWER--(cont.)

TURBOGENERATORS
 UTILITIES
 VOLTAGE CONVERTERS (AC TO AC)
 VOLTAGE CONVERTERS (DC TO DC)

ELECTRIC POWER CONVERSION

USE ELECTRIC GENERATORS

ELECTRIC POWER PLANTS

GS **ELECTRIC POWER PLANTS**
 . FUEL CELL POWER PLANTS
 . NUCLEAR POWER PLANTS
 . ENRICO FERMI ATOMIC POWER PLANT
 . HALLAM NUCLEAR POWER FACILITY
 . ML-1 NUCLEAR POWER PLANT
 . SOLAR THERMAL ELECTRIC POWER PLANTS
 RT COGENERATION
 COMBINED CYCLE POWER GENERATION
 ∞ ELECTRIC POWER
 ELECTRICAL ENGINEERING
 ∞ FACILITIES
 FLUE GASES
 FLY ASH
 HYDROELECTRIC POWER STATIONS
 INTEGRATED ENERGY SYSTEMS
 MODULAR INTEGRATED UTILITY SYSTEM
 ∞ POWER PLANTS
 SOLAR SEA POWER PLANTS

ELECTRIC POWER SUPPLIES

GS **ELECTRIC POWER SUPPLIES**
 . AIRCRAFT POWER SUPPLIES
 . SOLAR DYNAMIC POWER SYSTEMS
 . SPACE STATION POWER SUPPLIES
 . SPACECRAFT POWER SUPPLIES
 RT AUXILIARY POWER SOURCES
 COMPULSATORS
 INDUCTION MOTORS
 LINE CURRENT
 PAYLOAD DELIVERY (STS)
 ∞ POWER SUPPLIES

ELECTRIC POWER TRANSMISSION

GS TRANSMISSION
 RT **ELECTRIC POWER TRANSMISSION**
 CIRCUIT PROTECTION
 CIRCUITS
 ∞ CONDUCTION
 ∞ ELECTRIC EQUIPMENT
 ELECTRICAL ENGINEERING
 ELECTRIFICATION
 HYDROELECTRIC POWER STATIONS
 ∞ NETWORKS
 POLES (SUPPORTS)
 POWER LINES
 ∞ POWER TRANSMISSION
 SUPERCONDUCTING POWER TRANSMISSION
 TRANSMISSION CIRCUITS
 TRANSMISSION LINES
 TRANSMISSION LOSS
 UNDERGROUND TRANSMISSION LINES

ELECTRIC PROPULSION

SN (EXCLUDES PROPULSION USING ELECTRIC MOTORS AS PRIME MOVERS)
 GS PROPULSION
 . **ELECTRIC PROPULSION**
 . ELECTROMAGNETIC PROPULSION
 . ELECTROSTATIC PROPULSION
 . ION PROPULSION
 . LASER PROPULSION
 . PLASMA PROPULSION
 . SOLAR ELECTRIC PROPULSION
 RT ARC JET ENGINES
 ∞ ELECTRIC POWER
 LOW THRUST PROPULSION
 MARINE PROPULSION
 NUCLEAR ELECTRIC PROPULSION
 PLASMA POWER SOURCES
 RIFT (REACTOR IN FLIGHT TEST)
 SERT 1 SPACECRAFT
 SERT 2 SPACECRAFT
 SPACE STATION PROPULSION
 SPACECRAFT PROPULSION
 TWO STAGE PLASMA ENGINES
 UNDERWATER PROPULSION

ELECTRIC PULSES

UF ELECTRIC IMPULSES
 GS PULSES
 . **ELECTRIC PULSES**

ELECTRIC PULSES--(cont.)

RT ELECTROMAGNETIC MISSILES
ELECTROMAGNETIC PULSES
PULSE AMPLITUDE
PULSE DURATION
PULSE GENERATORS
PULSE MODULATION
PULSE RATE
∞SIGNALS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

ELECTRIC REACTORS

GS **ELECTRIC REACTORS**
. SATURABLE REACTORS
RT CAPACITORS
CIRCUIT PROTECTION
∞REACTORS
RESISTORS
TRANSFORMERS

ELECTRIC RELAYS

SN (EXCLUDES COMMUNICATION SYSTEM
REPEATERS)
GS SWITCHES
. **ELECTRIC RELAYS**
RT ARMATURES
CIRCUIT BREAKERS
DISCONNECT DEVICES
INTERRUPTION
∞RELAY
SELECTORS
SOLENOID VALVES
SOLENOIDS
SWITCHING CIRCUITS
TIME LAG

ELECTRIC ROCKET ENGINES

GS ENGINES
. ROCKET ENGINES
. **ELECTRIC ROCKET ENGINES**
. . . ELECTROSTATIC ENGINES
. . . ELECTROTHERMAL ENGINES
. . . . ARC JET ENGINES
. . . . RESISTOJET ENGINES
. . . ION ENGINES
. . . . CESIUM ENGINES
. . . . MERCURY ION ENGINES
. . . . RIT ENGINES
RT MICROROCKET ENGINES
PULSED JET ENGINES
RESTARTABLE ROCKET ENGINES
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
SPACE ELECTRIC ROCKET TESTS
SUSTAINER ROCKET ENGINES
VERNIER ENGINES

ELECTRIC SPARKS

UF SPARK DISCHARGES
GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. **ELECTRIC SPARKS**
SPARKS
. **ELECTRIC SPARKS**
RT FLASHOVER
GAS DISCHARGES
IONIZATION
LIGHTNING
SPARK CHAMBERS
SPARK GAPS
SPARK IGNITION
SPARK PLUGS
STATIC ELECTRICITY

ELECTRIC STIMULI

RT ∞STIMULI

ELECTRIC SWITCHES

GS SWITCHES
. **ELECTRIC SWITCHES**
. . CRYOTRONS
. . STEPPING SWITCHES
. . THERMOSTATS
. . VACUUM ARC SWITCHES
RT CONTACTORS
CRYOSTATS
CURRENT REGULATORS
DROPOUTS
ELECTRONIC CONTROL
PRESSURE SWITCHES
SOLENOID VALVES
SWITCHING CIRCUITS
VOLTAGE REGULATORS

ELECTRIC TERMINALS

RT ELECTRIC CONNECTORS
NETWORK ANALYSIS
∞TERMINALS

ELECTRIC WELDING

GS WELDING
. FUSION WELDING
. . **ELECTRIC WELDING**
. . . ARC WELDING
. . . . GAS TUNGSTEN ARC WELDING
. . . . PLASMA ARC WELDING
. . . ELECTROSLAG WELDING
. . . FLASH WELDING
RT ELECTRON BEAM WELDING
PRESSURE WELDING
SPOT WELDS
WELDING MACHINES

ELECTRIC WIRE

UF ELECTRIC WIRING
GS CONDUCTORS
. **ELECTRIC WIRE**
WIRE
. **ELECTRIC WIRE**
RT BUS CONDUCTORS
CIRCUITS
COMMUNICATION CABLES
ELECTRICAL INSULATION
EXPLODING WIRES
FLAT CONDUCTORS
POWER LINES
TRANSMISSION LINES
WIRE BRIDGE CIRCUITS

ELECTRIC WIRING

USE ELECTRIC WIRE
WIRING

ELECTRICAL BREAKDOWN

USE ELECTRICAL FAULTS

ELECTRICAL CONDUCTIVITY

USE ELECTRICAL RESISTIVITY

ELECTRICAL CONDUCTIVITY METERS

GS MEASURING INSTRUMENTS
. CONDUCTIVITY METERS
. . **ELECTRICAL CONDUCTIVITY METERS**
RT OHMMETERS

ELECTRICAL ENERGY

USE ELECTRIC POWER

ELECTRICAL ENGINEERING

RT ELECTRIC GENERATORS
ELECTRIC POWER PLANTS
ELECTRIC POWER TRANSMISSION
∞ELECTRONICS
∞ENGINEERING
∞POWER TRANSMISSION
SYSTEMS ENGINEERING
TRANSMISSION LINES
TURBOGENERATORS

ELECTRICAL FAULTS

UF ELECTRICAL BREAKDOWN
VOLTAGE BREAKDOWN
GS **ELECTRICAL FAULTS**
. SHORT CIRCUITS
RT ∞BREAKDOWN
CIRCUIT PROTECTION
ELECTRIC ARCS
FAILURE
∞FAULTS
FLASHOVER
SNEAK CIRCUIT ANALYSIS
SPARK GAPS

ELECTRICAL GROUNDING

RT CIRCUIT PROTECTION
CIRCUITS
NOISE REDUCTION
TRANSFORMERS

ELECTRICAL IMPEDANCE

UF ADMITTANCE
IMMITTANCE
GS ELECTRICAL PROPERTIES
. **ELECTRICAL IMPEDANCE**
. . ELECTRICAL RESISTANCE
. . . CONTACT RESISTANCE
. . . SKIN RESISTANCE
. . . TRANSCONDUCTANCE

ELECTRICAL IMPEDANCE--(cont.)

. . REACTANCE
IMPEDANCE
. **ELECTRICAL IMPEDANCE**
. . ELECTRICAL RESISTANCE
. . . CONTACT RESISTANCE
. . . SKIN RESISTANCE
. . . TRANSCONDUCTANCE
. . REACTANCE
RT CAPACITANCE
IMPEDANCE MATCHING
IMPEDANCE MEASUREMENT
INDUCTANCE
LATCH-UP
OHMMETERS
SMITH CHART

ELECTRICAL INSULATION

UF NONCONDUCTORS
GS INSULATION
. **ELECTRICAL INSULATION**
RT ASBESTOS
CIRCUIT PROTECTION
DIELECTRICS
ELECTRIC CONDUCTORS
ELECTRIC WIRE
EXCITONS
∞INSULATED STRUCTURES
INSULATORS
WIRING

ELECTRICAL LEADS

USE ELECTRIC CONDUCTORS

ELECTRICAL MEASUREMENT

SN (MEASUREMENT OF ELECTRICAL
PROPERTIES, QUANTITIES, OR
CONDITIONS)
UF VOLTAGE MEASUREMENT
GS **ELECTRICAL MEASUREMENT**
. COULOMETRY
. . POLAROGRAPHY
RT AMMETERS
BOLOMETERS
COULOMETERS
ELECTRIC BRIDGES
ELECTRIC EQUIPMENT TESTS
ELECTROMAGNETIC MEASUREMENT
ELECTROMETERS
ELECTRONIC EQUIPMENT TESTS
FLOWMETERS
IMPEDANCE MEASUREMENT
MAGNETOMETERS
∞MEASUREMENT
MEASURING INSTRUMENTS
MICROMILLIAMMETERS
MISMATCH (ELECTRICAL)
OHMMETERS
OSCILLOGRAPHS
POTENTIOMETERS (INSTRUMENTS)
WATTMETERS

ELECTRICAL PROPERTIES

UF BARDEEN APPROXIMATION
GS **ELECTRICAL PROPERTIES**
. ANTIFERROELECTRICITY
. CAPACITANCE
. CAPACITANCE-VOLTAGE
CHARACTERISTICS
. CARRIER MOBILITY
. . ELECTRON MOBILITY
. . HOLE MOBILITY
. CHARGE DISTRIBUTION
. DIELECTRIC PROPERTIES
. . PERMITTIVITY
. ELECTRIC MOMENTS
. ELECTRICAL IMPEDANCE
. . ELECTRICAL RESISTANCE
. . . CONTACT RESISTANCE
. . . SKIN RESISTANCE
. . . TRANSCONDUCTANCE
. . REACTANCE
. ELECTRICAL RESISTIVITY
. . IONOSPHERIC CONDUCTIVITY
. . MAGNETORESISTIVITY
. . PHOTOCONDUCTIVITY
. . PLASMA CONDUCTIVITY
. . SUPERCONDUCTIVITY
. . KONDO EFFECT
. ELECTROSTRICTION
. FERROELECTRICITY
. INDUCTANCE
. . PROXIMITY EFFECT (ELECTRICITY)
. . PHOTOVOLTAIC EFFECT
. . PIEZOELECTRICITY

ELECTRICAL PROPERTIES--(cont.)

- RT ∞ PYROELECTRICITY
- ∞ CONDUCTIVITY
- CRYSTAL OSCILLATORS
- DIAMAGNETISM
- DIPOLE MOMENTS
- DOMAINS
- EDDY CURRENTS
- ELECTRIC CHARGE
- ∞ ELECTRIC POWER
- ELECTRICITY
- ELECTROMAGNETIC PROPERTIES
- FIELD STRENGTH
- HYSTERESIS
- IMPEDANCE
- MAGNETIC PROPERTIES
- OPEN CIRCUIT VOLTAGE
- OPTICAL PROPERTIES
- PHOTOELECTRIC EMISSION
- PHOTOELECTRICITY
- ∞ PHYSICAL PROPERTIES
- ∞ PROPERTIES
- QUALITY CONTROL
- ∞ RESISTANCE
- ∞ SOLID STATE PHYSICS
- STANDING WAVE RATIOS

ELECTRICAL RESISTANCE

- GS ELECTRICAL PROPERTIES
- . ELECTRICAL IMPEDANCE
- . . . **ELECTRICAL RESISTANCE**
- . . . CONTACT RESISTANCE
- . . . SKIN RESISTANCE
- . . . TRANSCONDUCTANCE
- IMPEDANCE
- . ELECTRICAL IMPEDANCE
- . . . **ELECTRICAL RESISTANCE**
- . . . CONTACT RESISTANCE
- . . . SKIN RESISTANCE
- . . . TRANSCONDUCTANCE
- RT GALVANIC SKIN RESPONSE
- ∞ HIGH RESISTANCE
- LINEAR CIRCUITS
- ∞ LOW RESISTANCE
- MANGANIN (TRADEMARK)
- OHMMETERS
- OHMS LAW
- RC CIRCUITS
- REACTANCE
- ∞ RESISTANCE
- RL CIRCUITS
- RLC CIRCUITS

ELECTRICAL RESISTIVITY

- UF ELECTRICAL CONDUCTIVITY
- ELECTROCONDUCTIVITY
- RESISTIVITY
- GS ELECTRICAL PROPERTIES
- . **ELECTRICAL RESISTIVITY**
- . . IONOSPHERIC CONDUCTIVITY
- . . MAGNETORESISTIVITY
- . . PHOTOCONDUCTIVITY
- . . PLASMA CONDUCTIVITY
- . . SUPERCONDUCTIVITY
- . . . KONDO EFFECT
- TRANSPORT PROPERTIES
- . **ELECTRICAL RESISTIVITY**
- . . IONOSPHERIC CONDUCTIVITY
- . . MAGNETORESISTIVITY
- . . PHOTOCONDUCTIVITY
- . . PLASMA CONDUCTIVITY
- . . SUPERCONDUCTIVITY
- . . . KONDO EFFECT
- RT AIR CONDUCTIVITY
- ATMOSPHERIC CONDUCTIVITY
- CARRIER MOBILITY
- ∞ CONDUCTIVITY
- ELECTRIC CONDUCTORS
- ELECTRIC CURRENT
- ELECTROMIGRATION
- HIGH TEMPERATURE
- SUPERCONDUCTORS
- LOW CONDUCTIVITY
- OPEN CIRCUIT VOLTAGE
- PLASMA CURRENTS
- ∞ RESISTANCE

ELECTRICALLY SUSPENDED GYROSCOPES

- USE ELECTROSTATIC GYROSCOPES

ELECTRICITY

- GS **ELECTRICITY**
- . ALTERNATING CURRENT
- . ATMOSPHERIC ELECTRICITY
- . . IONOSPHERIC CURRENTS

ELECTRICITY--(cont.)

- . . . BIRKELAND CURRENTS
- . . . ELECTROJETS
- AURORAL ELECTROJETS
- EQUATORIAL ELECTROJET
- . GEOELECTRICITY
- . . TELLURIC CURRENTS
- . . HYDROELECTRICITY
- . . STATIC ELECTRICITY
- RT ELECTRIC CURRENT
- ∞ ELECTRIC EQUIPMENT
- ∞ ELECTRIC POWER
- ELECTRICAL PROPERTIES
- ELECTROMAGNETISM
- ∞ ELECTRONICS
- LIGHTNING
- MAXWELL EQUATION
- OHMS LAW
- PHOTOELECTRICITY
- PIZOELECTRICITY
- PROXIMITY EFFECT (ELECTRICITY)

ELECTRIFICATION

- RT ∞ ELECTRIC POWER
- ELECTRIC POWER TRANSMISSION
- ∞ POWER TRANSMISSION
- TRANSMISSION LINES

ELECTRO-OPTICAL EFFECT

- RT ∞ EFFECTS
- ∞ KERR EFFECTS
- LIGHT MODULATION
- NONLINEAR OPTICS
- ∞ OPTICS

ELECTRO-OPTICAL PHOTOGRAPHY

- UF ELECTRONIC PHOTOGRAPHY
- GS IMAGERY
- . **ELECTRO-OPTICAL PHOTOGRAPHY**
- PHOTOGRAPHY
- . **ELECTRO-OPTICAL PHOTOGRAPHY**
- RT ASTRONOMICAL PHOTOGRAPHY
- BLACK AND WHITE PHOTOGRAPHY
- IMAGE RESOLUTION
- LALLEMAND CAMERAS
- OPTICAL MEASUREMENT
- ∞ OPTICS
- STREAK PHOTOGRAPHY

ELECTRO-OPTICAL SWITCHING

- USE OPTICAL SWITCHING

ELECTRO-OPTICS

- GS ELECTROPHYSICS
- . **ELECTRO-OPTICS**
- RT ACOUSTO-OPTICS
- BIREFRINGENCE
- CHARGE INJECTION DEVICES
- ELECTROCHROMISM
- ELECTROLUMINESCENCE
- ELECTRON OPTICS
- INTEGRATED OPTICS
- KERR ELECTROOPTICAL EFFECT
- LASER MICROSCOPY
- LIGHT VALVES
- MAGNETO-OPTICS
- OPTICAL COMPUTERS
- OPTICAL CONTROL
- OPTICAL RELAY SYSTEMS
- OPTICAL SWITCHING
- ∞ OPTICS
- ∞ OPTOELECTRONIC DEVICES
- PHOTONICS
- POSITION SENSING
- PUSHBROOM SENSOR MODES
- STARK EFFECT

ELECTROACOUSTIC TRANSDUCERS

- GS TRANSDUCERS
- . SOUND TRANSDUCERS
- . . **ELECTROACOUSTIC TRANSDUCERS**
- . . . HYDROPHONES
- . . . LOUDSPEAKERS
- . . . MICROPHONES
- RT ELECTROACOUSTICS
- INTERDIGITAL TRANSDUCERS
- SURFACE ACOUSTIC WAVE DEVICES

ELECTROACOUSTIC WAVES

- GS ELASTIC WAVES
- . SOUND WAVES
- . . **ELECTROACOUSTIC WAVES**
- RT ELECTROACOUSTICS
- ELECTROMAGNETIC RADIATION
- PLASMA WAVES

ELECTROACOUSTIC WAVES--(cont.)

- PRESSURE SENSORS
- WAVE INTERACTION
- ∞ WAVES
- ELECTROACOUSTICS**
- GS ACOUSTICS
- . **ELECTROACOUSTICS**
- RT ELECTROACOUSTIC TRANSDUCERS
- ELECTROACOUSTIC WAVES
- SOUND TRANSDUCERS
- SURFACE ACOUSTIC WAVE DEVICES
- ULTRASONIC WAVE TRANSDUCERS
- ULTRASONICS

ELECTROANESTHESIA

- GS ANESTHESIA
- . **ELECTROANESTHESIA**
- RT ELECTRONARCOSIS

ELECTROCARDIOGRAMS

- USE ELECTROCARDIOGRAPHY

ELECTROCARDIOGRAPHY

- UF ELECTROCARDIOGRAMS
- GS BIOENGINEERING
- . BIOMETRICS
- . . CARDIOGRAPHY
- . . . **ELECTROCARDIOGRAPHY**
- RT BALLISTOCARDIOGRAPHY
- BODY MEASUREMENT (BIOLOGY)
- ELECTROPHYSIOLOGY
- HEART DISEASES
- MEDICAL ELECTRONICS
- MUSCLES
- PHONOCARDIOGRAPHY
- VECTORCARDIOGRAPHY

ELECTROCATALYSTS

- UF FUEL CELL CATALYSTS
- GS CATALYSTS
- . **ELECTROCATALYSTS**
- RT FUEL CELLS

ELECTROCHEMICAL CELLS

- GS **ELECTROCHEMICAL CELLS**
- . ELECTRIC BATTERIES
- . . LITHIUM SULFUR BATTERIES
- . . NICKEL IRON BATTERIES
- . . PRIMARY BATTERIES
- . . . ALKALINE BATTERIES
- . . . DRY CELLS
- MAGNESIUM CELLS
- NICKEL ZINC BATTERIES
- . . . METAL AIR BATTERIES
- . . . ZINC-OXYGEN BATTERIES
- . . SODIUM SULFUR BATTERIES
- . . THERMAL BATTERIES
- . . REDOX CELLS
- . . STORAGE BATTERIES
- . . LEAD ACID BATTERIES
- . . NICKEL CADMIUM BATTERIES
- . . NICKEL HYDROGEN BATTERIES
- . . NICKEL ZINC BATTERIES
- . . SILVER CADMIUM BATTERIES
- . . SILVER HYDROGEN BATTERIES
- . . SILVER ZINC BATTERIES
- . . ZINC-BROMIDE BATTERIES
- . . ZINC-CHLORINE BATTERIES
- . . WET CELLS
- . FUEL CELLS
- . . BIOCHEMICAL FUEL CELLS
- . . HYDROGEN OXYGEN FUEL CELLS
- . . PHOSPHORIC ACID FUEL CELLS
- . . REGENERATIVE FUEL CELLS
- RT ∞ CELLS
- ∞ ELECTRIC CELLS
- ELECTROCHEMISTRY
- PHOTOELECTRIC CELLS
- PHOTOELECTROCHEMICAL DEVICES
- PHOTOVOLTAIC CELLS

ELECTROCHEMICAL CORROSION

- GS CORROSION
- . **ELECTROCHEMICAL CORROSION**
- RT ELECTRODISSOLUTION
- ELECTROLYSIS
- METAL-WATER REACTIONS

ELECTROCHEMICAL MACHINING

- UF ELECTROLYTIC GRINDING
- GS MACHINING
- . CHEMICAL MACHINING
- . . **ELECTROCHEMICAL MACHINING**
- RT ELECTROPOLISHING

ELECTROCHEMICAL OXIDATION

GS CHEMICAL REACTIONS
 . OXIDATION
 . . **ELECTROCHEMICAL OXIDATION**

ELECTROCHEMISTRY

GS **ELECTROCHEMISTRY**
 . ELECTROLYSIS
 . . COULOMETRY
 . . PHOTOELECTROCHEMISTRY
 RT ∞ CHEMISTRY
 CORROSION
 COULOMETERS
 ELECTROCHEMICAL CELLS
 ELECTROCHROMISM
 ELECTRODEPOSITION
 ELECTRODES
 ELECTRODISSOLUTION
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHYSICS
 FUEL CELLS
 GLASS ELECTRODES
 NONAQUEOUS ELECTROLYTES
 OXIDATION-REDUCTION REACTIONS
 REDOX CELLS

ELECTROCHROMISM

RT COLOR
 DISPLAY DEVICES
 ELECTRO-OPTICS
 ELECTROCHEMISTRY
 THIN FILMS

ELECTROCONDUCTIVITY

USE ELECTRICAL RESISTIVITY

ELECTROCUTANEOUS COMMUNICATION

GS COMMUNICATING
 . **ELECTROCUTANEOUS COMMUNICATION**
 RT PERCEPTION
 SENSORY PERCEPTION
 TOUCH

ELECTRODE FILM BARRIERS

RT ∞ BARRIERS
 ELECTRODES
 ∞ FILMS
 POLARIZATION (CHARGE SEPARATION)
 THIN FILMS

ELECTRODE MATERIALS

RT ANIONS
 ANODES
 ANODIC COATINGS
 CATHODES
 CATHODIC COATINGS
 CELL ANODES
 CELL CATHODES
 ELECTRODES
 PHOTOCATHODES
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC MATERIALS
 PHOTOELECTROCHEMICAL DEVICES
 TUBE ANODES

ELECTRODELESS DISCHARGES

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **ELECTRODELESS DISCHARGES**
 RT ∞ DISCHARGE
 GAS DISCHARGES
 GLOW DISCHARGES
 LIGHTNING
 PENNING DISCHARGE
 RADIO FREQUENCY DISCHARGE
 RING DISCHARGE
 TOROIDAL DISCHARGE
 TOWNSEND DISCHARGE

ELECTRODEPOSITION

GS DEPOSITION
 . **ELECTRODEPOSITION**
 . . ELECTROPLATING
 RT CATHODIC COATINGS
 CELL CATHODES
 COULOMETERS
 ELECTROCHEMISTRY
 ELECTROFORMING
 ELECTROLESS DEPOSITION
 ELECTROLYSIS
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHORESIS

ELECTRODEPOSITION--(cont.)

ELECTROWINNING
 METAL MATRIX COMPOSITES
 METAL POWDER
 PLATING
 POWDER METALLURGY
 REDUCTION (CHEMISTRY)

ELECTRODERMAL RESPONSE

USE GALVANIC SKIN RESPONSE

ELECTRODES

GS **ELECTRODES**
 . ANODES
 . . CELL ANODES
 . . SHELL ANODES
 . . TUBE ANODES
 . CATHODES
 . . CELL CATHODES
 . . HOLLOW CATHODES
 . . TUBE CATHODES
 . . . COLD CATHODES
 . . . HOT CATHODES
 . . . PHOTOCATHODES
 . . . THERMIONIC CATHODES
 . . . TUNNEL CATHODES
 . DIFFUSION ELECTRODES
 . DYNODES
 . GLASS ELECTRODES
 . IMPLANTED ELECTRODES (BIOLOGY)
 . ION SELECTIVE ELECTRODES
 . PLASMA ELECTRODES
 . SOLID ELECTRODES
 . TUBE GRIDS
 RT COLD CATHODE TUBES
 ELECTRIC BATTERIES
 ELECTROCHEMISTRY
 ELECTRODE FILM BARRIERS
 ELECTRODE MATERIALS
 ELECTROLYSIS
 ELECTROPLATING
 ELECTROREFINING
 ELECTROWINNING
 GRAPHITE
 PHOTOMULTIPLIER TUBES
 PHOTOTUBES
 TAFEL LAW
 TRANSCONDUCTANCE

ELECTRODIALYSIS

GS DIALYSIS
 . **ELECTRODIALYSIS**
 RT COLLOIDS
 HYDROMETALLURGY
 ∞ SEPARATION

ELECTRODISSOLUTION

RT DISSOCIATION
 ELECTROCHEMICAL CORROSION
 ELECTROCHEMISTRY
 ELECTROLYSIS

ELECTRODYNAMICS

GS **ELECTRODYNAMICS**
 . ELECTROHYDRODYNAMICS
 . ELECTROMECHANICS
 . QUANTUM ELECTRODYNAMICS
 RT BORN-INFELD THEORY
 ∞ DYNAMICS
 ELECTRIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMECHANICAL DEVICES
 LINE CURRENT
 MAXWELL EQUATION
 PONDEROMOTIVE FORCES
 TRAVELING CHARGE

ELECTRODYNAMOMETERS

USE DYNAMOMETERS

ELECTROENCEPHALOGRAM

USE ELECTROENCEPHALOGRAPHY

ELECTROENCEPHALOGRAPHY

UF EEG (ELECTROENCEPHALOGRAMS)
 ELECTROENCEPHALOGRAM
 GS BIOENGINEERING
 . BIOMETRICS
 . . **ELECTROENCEPHALOGRAPHY**
 RT AROUSAL
 BODY MEASUREMENT (BIOLOGY)
 BRAIN
 ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 MEDICAL EQUIPMENT

ELECTROEPITAXY

GS GROWTH
 . CRYSTAL GROWTH
 . . EPITAXY
 . . . **ELECTROEPITAXY**
 RT CRYSTALS
 HYDROTHERMAL CRYSTAL GROWTH
 LIQUID PHASES
 TRAVELING SOLVENT METHOD

ELECTROEROSION

USE SPARK MACHINING

ELECTROEXPLOSIVE DEVICES

USE INITIATORS (EXPLOSIVES)

ELECTROFORMING

GS FORMING TECHNIQUES
 . **ELECTROFORMING**
 RT DEPOSITION
 ELECTRODEPOSITION
 ELECTROLESS DEPOSITION
 ELECTROPLATING
 SPARK MACHINING

ELECTROGENERATORS

USE ELECTRIC GENERATORS

ELECTROHYDRAULIC CONTROL

USE ELECTRIC CONTROL
 HYDRAULIC CONTROL

ELECTROHYDRAULIC FORMING

GS FORMING TECHNIQUES
 . COLD WORKING
 . . **ELECTROHYDRAULIC FORMING**
 RT EXPLOSIVE FORMING
 METAL WORKING

ELECTROHYDRODYNAMICS

GS ELECTRODYNAMICS
 . **ELECTROHYDRODYNAMICS**
 FLUID MECHANICS
 . FLUID DYNAMICS
 . . HYDRODYNAMICS
 . . . **ELECTROHYDRODYNAMICS**
 . . . HYDROMECHANICS
 . . . HYDRODYNAMICS
 . . . **ELECTROHYDRODYNAMICS**
 RT ELECTRIC CORONA
 ELECTROKINETICS
 ELECTRON GAS
 ELECTRON MOBILITY
 ION DISTRIBUTION
 IONIC MOBILITY
 MAGNETOHYDRODYNAMICS

ELECTROJETS

GS ELECTRIC CURRENT
 . IONOSPHERIC CURRENTS
 . . **ELECTROJETS**
 . . . AURORAL ELECTROJETS
 . . . EQUATORIAL ELECTROJET
 ELECTRICITY
 . ATMOSPHERIC ELECTRICITY
 . . IONOSPHERIC CURRENTS
 . . . **ELECTROJETS**
 . . . AURORAL ELECTROJETS
 . . . EQUATORIAL ELECTROJET
 RT BIRKELAND CURRENTS
 EARTH IONOSPHERE
 GEOMAGNETISM
 IONOSPHERIC CONDUCTIVITY
 IONOSPHERIC DRIFT
 RING CURRENTS

ELECTROKINETICS

GS KINETICS
 . **ELECTROKINETICS**
 RT ELECTROHYDRODYNAMICS
 ELECTROMAGNETIC FIELDS
 ELECTROMECHANICS
 ELECTROPHYSICS

ELECTROLESS DEPOSITION

GS DEPOSITION
 . **ELECTROLESS DEPOSITION**
 RT COATINGS
 ELECTRODEPOSITION
 ELECTROFORMING
 METAL COATINGS
 PLATING
 VACUUM DEPOSITION
 VAPOR DEPOSITION

ELECTROLUMINESCENCE

- UF ELECTROLUMINESCENT LAMPS
- GS EMISSION
 - . LIGHT EMISSION
 - . LUMINESCENCE
- ... **ELECTROLUMINESCENCE**
- RT ELECTRO-OPTICS
 - LIGHT EMITTING DIODES
 - LIGHT SOURCES

ELECTROLUMINESCENT LAMPS

- USE ELECTROLUMINESCENCE
- LUMINAIRES

ELECTROLYSIS

- GS ELECTROCHEMISTRY
 - . **ELECTROLYSIS**
 - . COULOMETRY
- RT CORROSION
 - COULOMETERS
 - CRACKING (CHEMICAL ENGINEERING)
 - CURRENT DENSITY
 - DECOMPOSITION
 - ELECTROCHEMICAL CORROSION
 - ELECTRODEPOSITION
 - ELECTRODES
 - ELECTRODISSOLUTION
 - ELECTROLYTES
 - ELECTROLYTIC CELLS
 - ELECTROPLATING
 - HYDROGEN PRODUCTION
 - IONIC MOBILITY
 - METATHESIS
 - PASSIVITY
 - PHOTOLYSIS
 - REDUCTION (CHEMISTRY)
 - TAFEL LAW
 - WATER SPLITTING

ELECTROLYTE METABOLISM

- GS METABOLISM
 - . **ELECTROLYTE METABOLISM**
- RT AEROSPACE MEDICINE
 - ALDOSTERONE
 - BLOOD PLASMA
 - BODY FLUIDS
 - PHYSIOLOGICAL EFFECTS
 - POTASSIUM
 - SODIUM
 - WEIGHTLESSNESS

ELECTROLYTES

- GS CONDUCTORS
 - . **ELECTROLYTES**
 - . ANOLYTES
 - . CATHOLYTES
 - . ION EXCHANGE MEMBRANE
 - . ELECTROLYTES
 - . JUMPERS
 - . MOLTEN SALT ELECTROLYTES
 - . NONAQUEOUS ELECTROLYTES
 - . SOLID ELECTROLYTES
- RT CONDUCTING FLUIDS
 - DEBYE-HUCKEL THEORY
 - ELECTRIC BATTERIES
 - ELECTROCHEMISTRY
 - ELECTRODEPOSITION
 - ELECTROLYSIS
 - ELECTROLYTIC CELLS
 - ELECTROPLATING
 - ELECTROREFINING
 - ELECTROWINNING
 - FUEL CELLS
 - IONS
 - NONELECTROLYTES
 - PRIMARY BATTERIES
 - REDOX CELLS
 - STORAGE BATTERIES
 - WET CELLS

ELECTROLYTIC CELLS

- UF GALVANIC CELLS
- RT ∞ CELLS
 - ∞ DIAPHRAGMS
 - DIAPHRAGMS (MECHANICS)
 - DIFFUSION ELECTRODES
 - ELECTRIC BATTERIES
 - ∞ ELECTRIC CELLS
 - ELECTROCHEMISTRY
 - ELECTRODEPOSITION
 - ELECTROLYSIS
 - ELECTROLYTES
 - ELECTROPLATING
 - ELECTROREFINING
 - ELECTROWINNING

ELECTROLYTIC CELLS--(cont.)

- IONIC MOBILITY
- LEAD ACID BATTERIES
- NONAQUEOUS ELECTROLYTES
- PHOSPHORIC ACID FUEL CELLS

ELECTROLYTIC GRINDING

- USE ELECTROCHEMICAL MACHINING

ELECTROLYTIC POLARIZATION

- GS POLARIZATION (CHARGE SEPARATION)
 - . **ELECTROLYTIC POLARIZATION**
- RT DEPOLARIZATION
 - MAGNESIUM CELLS

ELECTROLYTIC POLISHING

- USE ELECTROPOLISHING

ELECTROMAGNETIC ABSORPTION

- UF IONOSPHERIC ABSORPTION
 - LIGHT ABSORPTION
 - MAGNETIC ABSORPTION
 - OPTICAL ABSORPTION
- GS ENERGY ABSORPTION
 - . RADIATION ABSORPTION
 - . **ELECTROMAGNETIC ABSORPTION**
 - . . . AURORAL ABSORPTION
 - . . . GAMMA RAY ABSORPTION
 - . . . INFRARED ABSORPTION
 - . . . MICROWAVE ABSORPTION
 - . . . MULTIPHOTON ABSORPTION
 - . . . PHOTOABSORPTION
 - . . . POLAR CAP ABSORPTION
 - . . . ULTRAVIOLET ABSORPTION
 - . . . X RAY ABSORPTION
- RT ABSORBERS (MATERIALS)
 - ABSORPTANCE
 - ∞ ABSORPTION
 - ABSORPTION SPECTRA
 - ABSORPTIVITY
 - ACTIVATION
 - ATMOSPHERIC ATTENUATION
 - ATTENUATION
 - BEER LAW
 - BOUGUER LAW
 - CHANDRASEKHAR EQUATION
 - ELECTROMAGNETIC PROPERTIES
 - EXCITATION
 - FADING
 - FLUORESCENCE
 - GAMMA RAY ABSORPTIOMETRY
 - IRRADIATION
 - LASER INDUCED FLUORESCENCE
 - LIGHT SCATTERING
 - MOLECULAR ABSORPTION
 - MOSSBAUER EFFECT
 - NUCLEAR PHYSICS
 - OPACITY
 - OPTICAL PROPERTIES
 - OPTICAL REFLECTION
 - PAIR PRODUCTION
 - PHOTODECOMPOSITION
 - PHOTODISSOCIATION
 - PHOTON ABSORPTIOMETRY
 - PHOTOPRODUCTION
 - RADAR ABSORBERS
 - RADAR ATTENUATION
 - RADIATION SHIELDING
 - RADIO ATTENUATION
 - REFLECTION
 - RESONANT FREQUENCIES
 - SIGNAL FADING
 - SOLAR ENERGY ABSORBERS
 - TOWNSEND AVALANCHE
 - TRANSMISSION
 - TRANSMITTANCE
 - TRANSPARENCY
 - WAVE ATTENUATION
 - WAVE PROPAGATION

ELECTROMAGNETIC ACCELERATION

- RT ∞ ACCELERATION
 - ELECTROMAGNETIC INTERACTIONS
 - MAGNETIC FIELDS
 - MASS DRIVERS
 - PARTICLE ACCELERATION
 - PLASMA ACCELERATORS

ELECTROMAGNETIC COMPATIBILITY

- GS COMPATIBILITY
 - . **ELECTROMAGNETIC COMPATIBILITY**
- RT ATMOSPHERICS
 - CROSSTALK
 - ELECTRONIC COUNTERMEASURES
 - ELECTRONIC WARFARE

ELECTROMAGNETIC INTERFERENCE**ELECTROMAGNETIC COMPATIBILITY--(cont.)**

- ∞ INTERFERENCE
- NOISE SPECTRA
- RADIO FREQUENCY INTERFERENCE

ELECTROMAGNETIC CONTROL

- USE ELECTROMAGNETS
- REMOTE CONTROL

ELECTROMAGNETIC COUPLING

- GS COUPLING
 - . **ELECTROMAGNETIC COUPLING**
 - . . . MICROWAVE COUPLING
 - . . . OPTICAL COUPLING
- RT ELECTROMAGNETIC INTERACTIONS
 - LASER PLASMA INTERACTIONS
 - MAGNETOSPHERE-IONOSPHERE COUPLING
 - PLASMA-ELECTROMAGNETIC INTERACTION

ELECTROMAGNETIC DEDUCTION

- USE MAGNETIC INDUCTION

ELECTROMAGNETIC ENVIRONMENT EXPERIMENT

- GS PAYLOADS
 - . SPACE SHUTTLE PAYLOADS
 - . . . **ELECTROMAGNETIC ENVIRONMENT EXPERIMENT**

ELECTROMAGNETIC FIELDS

- GS **ELECTROMAGNETIC FIELDS**
 - . FAR FIELDS
 - . NEAR FIELDS
 - . SYSTEM GENERATED
 - . . . ELECTROMAGNETIC PULSES
- RT ABRIKOSOV THEORY
 - BIOMAGNETISM
 - BLACKOUT (PROPAGATION)
 - ELECTROKINETICS
 - ELECTROMAGNETISM
 - ELECTROMECHANICS
 - EXTERNAL SURFACE CURRENTS
 - FIELD MODE THEORY
 - FIELD STRENGTH
 - FIELD THEORY (PHYSICS)
 - GRAND UNIFIED THEORY
 - MAGNETIC FIELD CONFIGURATIONS
 - MAGNETIC FIELD INVERSIONS
 - MAGNETIC FIELDS
 - QUANTUM ELECTRODYNAMICS
 - RECIPROCITY THEOREM
 - SOLAR MAGNETIC FIELD
 - SOMMERFELD APPROXIMATION
 - SQUEEZED STATES (QUANTUM THEORY)
 - STELLAR MAGNETIC FIELDS
 - UNIFIED FIELD THEORY
 - WHISTLERS
 - YANG-MILLS FIELDS

ELECTROMAGNETIC HAMMERS

- GS HAMMERS
 - . **ELECTROMAGNETIC HAMMERS**
- RT FORMING TECHNIQUES
 - MAGNETIC COILS
 - MAGNETIC FORMING
 - METAL WORKING

ELECTROMAGNETIC INTERACTIONS

- GS **ELECTROMAGNETIC INTERACTIONS**
 - . PHOTOPRODUCTION
 - . PLASMA-ELECTROMAGNETIC INTERACTION
 - . . . LASER PLASMA INTERACTIONS
- RT BIOMAGNETISM
 - ELECTRODYNAMICS
 - ELECTROMAGNETIC ACCELERATION
 - ELECTROMAGNETIC COUPLING
 - ELECTROSTATICS
 - ELEMENTARY PARTICLE INTERACTIONS
 - FEYNMAN DIAGRAMS
 - GRAND UNIFIED THEORY
 - ∞ INTERACTIONS
 - MESON-MESON INTERACTIONS
 - PHOTONUCLEAR REACTIONS
 - PLASMA RESONANCE
 - QUANTUM MECHANICS
 - UNIFIED FIELD THEORY
 - WAVE INTERACTION
 - WAVE-PARTICLE INTERACTIONS

ELECTROMAGNETIC INTERFERENCE

- GS **ELECTROMAGNETIC INTERFERENCE**
 - . CROSSTALK
 - . . . IONOSPHERIC CROSS MODULATION

ELECTROMAGNETIC PULSES

GS ELECTROMAGNETIC RADIATION
 . **ELECTROMAGNETIC PULSES**
 . SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 PULSED RADIATION
 . **ELECTROMAGNETIC PULSES**
 . SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 PULSES
 . **ELECTROMAGNETIC PULSES**
 . SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 RT ELECTRIC PULSES
 EXTERNAL SURFACE CURRENTS
 PICOSECOND PULSES
 PULSE COMMUNICATION
 PULSE MODULATION
 PULSE RADAR
 RADAR TRANSMISSION

SN	(ENCOMPASSES DEVICES FOR MATERIALS HANDLING ONLY-EXCLUDES OPTICAL AND PARTICLE ENERGIZING DEVICES)
GS	PUMPS
RT	FUEL PUMPS

ELECTROMAGNETIC RADIATION	
UF	ELECTROMAGNETIC WAVES
	WAVE RADIATION
GS	ELECTROMAGNETIC RADIATION
	. BREMSSTRAHLUNG
	. CERENKOV RADIATION
	. COHERENT ELECTROMAGNETIC RADIATION
	. . COHERENT LIGHT
	. . LASER BEAMS
	. . DIFFRACTION RADIATION
	. . ELECTROMAGNETIC PULSES
	. . SYSTEM GENERATED ELECTROMAGNETIC PULSES
	. . ELECTROMAGNETIC SURFACE WAVES
	. GAMMA RAY BEAMS
	. GAMMA RAYS
	. . GAMMA RAY BURSTS
	. H WAVES
	. INFRARED RADIATION
	. . FAR INFRARED RADIATION
	. . NEAR INFRARED RADIATION
	. KILOMETRIC WAVES
	. LIGHT (VISIBLE RADIATION)
	. . COHERENT LIGHT
	. . GEGENSCHIEIN
	. . POLARIZED LIGHT
	. . SKY RADIATION
	. . AIRGLOW
 GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 DAYGLOW
 SUNLIGHT
	. . ZODIACAL LIGHT
	. . LIGHT BEAMS
	. . LASER BEAMS
	. . MODULATED CONTINUOUS RADIATION
	. . MONOCHROMATIC RADIATION
	. . NONEQUILIBRIUM RADIATION
	. . NONTHERMAL RADIATION
	. . CYCLOTRON RADIATION
 ION CYCLOTRON RADIATION
 SYNCHROTRON RADIATION
	. . PHOTON BEAMS
	. . PLANETARY RADIATION
	. . PLASMONS
	. . POLARIZED ELECTROMAGNETIC RADIATION
 POLARIZED LIGHT
 SYNCHROTRON RADIATION
	. . RADIO WAVES
 DECAMETRIC WAVES
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC RADIO WAVES
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS

	ELECTROMAGNETIC RADIATION
UF	ELECTROMAGNETIC WAVES
	WAVE RADIATION
GS	ELECTROMAGNETIC RADIATION
	. BREMSSTRAHLUNG
	. CERENKOV RADIATION
	. COHERENT ELECTROMAGNETIC RADIATION
	. COHERENT LIGHT
	. LASER BEAMS
	. DIFFRACTION RADIATION
	. ELECTROMAGNETIC PULSES
	. SYSTEM GENERATED ELECTROMAGNETIC PULSES
	. ELECTROMAGNETIC SURFACE WAVES
	. GAMMA RAY BEAMS
	. GAMMA RAYS
	. GAMMA RAY BURSTS
	. H WAVES
	. INFRARED RADIATION
	. FAR INFRARED RADIATION
	. NEAR INFRARED RADIATION
	. KILOMETRIC WAVES
	. LIGHT (VISIBLE RADIATION)
	. COHERENT LIGHT
	. GEGENSCHIEIN
	. POLARIZED LIGHT
	. SKY RADIATION
	. AIRGLOW
 GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 DAYGLOW
 SUNLIGHT
 ZODIACAL LIGHT
 LIGHT BEAMS
 LASER BEAMS
 MODULATED CONTINUOUS RADIATION
 MONOCHROMATIC RADIATION
 NONEQUILIBRIUM RADIATION
 NONTHERMAL RADIATION
 CYCLOTRON RADIATION
 ION CYCLOTRON RADIATION
 SYNCHROTRON RADIATION
 PHOTON BEAMS
 PLANETARY RADIATION
 PLASMONS
 POLARIZED ELECTROMAGNETIC RADIATION
 POLARIZED LIGHT
 SYNCHROTRON RADIATION
 RADIO WAVES
 DECAMETRIC WAVES
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC RADIO WAVES
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS

ELECTROMAGNETIC PROPULSION	
GS	PROPULSION
	<ul style="list-style-type: none"> . ELECTRIC PROPULSION . . ELECTROMAGNETIC PROPULSION . LOW THRUST PROPULSION . . ELECTROMAGNETIC PROPULSION . SPACECRAFT PROPULSION . . ELECTROMAGNETIC PROPULSION
RT	ELECTROSTATIC PROPULSION
	ION PROPULSION
	MASS DRIVERS
	PHOTONIC PROPULSION
	PI ASMA PROPULSION

ELECTROMAGNETIC RADIATION--(cont.)

. TYPE 4 BURSTS
 TYPE 5 BURSTS
 LONG WAVE RADIATION
 RADIO EMISSION
 CN EMISSION
 HYDROXYL EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SHORT WAVE RADIATION
 MICROWAVES
 CENTIMETER WAVES
 DECIMETER WAVES
 MICROWAVE EMISSION
 MILLIMETER WAVES
 SUBMILLIMETER WAVES
 SKY WAVES
 WHISTLERS
 SOMMERFELD WAVES
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 BLACK BODY RADIATION
 PHONON BEAMS
 TROPOSPHERIC RADIATION
 ULTRAVIOLET RADIATION
 EXTREME ULTRAVIOLET RADIATION
 FAR ULTRAVIOLET RADIATION
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION
 NEAR ULTRAVIOLET RADIATION
 ULTRAVIOLET EMISSION
 X RAYS
 COSMIC X RAYS
 SOLAR X-RAYS
 RT AEROSPACE ENVIRONMENTS
 ANTENNAS
 ATMOSPHERIC RADIATION
 ATMOSPHERIC REFRACTION
 BACKWARD WAVES
 BEAMS (RADIATION)
 COHERENT RADIATION
 CONTINUOUS RADIATION
 CORPUSCULAR RADIATION
 COSMIC RAYS
 CYLINDRICAL WAVES
 DIFFRACTION
 DOPPLER EFFECT
 DUOCHROMATORS
 ELECTROACOUSTIC WAVES
 ELECTROMAGNETISM
 EXTRATERRESTRIAL RADIATION
 FAR FIELDS
 FLUX (RATE)
 FLUX DENSITY
 GALACTIC RADIATION
 GAMMA RAY ABSORPTION
 GAUGE INVARIANCE
 GLARE
 HARMONIC RADIATION
 INCIDENT RADIATION
 INCOHERENT SCATTERING
 INTERSTELLAR RADIATION
 IONIZING RADIATION
 KERR ELECTROOPTICAL EFFECT
 LIGHT EMISSION
 MAGNETO-OPTICS
 NEAR FIELDS
 NONLINEAR OPTICS
 NUCLEAR RADIATION
 PHASE VELOCITY
 PHOTONS
 PLANCKS CONSTANT
 POLARIZED RADIATION
 POYNTING THEOREM
 ∞ PROPAGATION
 PROPAGATION VELOCITY
 PULSED RADIATION
 RADAR
 ∞ RADIATION
 RADIATION CHEMISTRY
 RADIATION DISTRIBUTION
 RADIATION HAZARDS
 RADIATION LAWS
 RADIATION PRESSURE
 RADIATION SOURCES
 RADIATIVE TRANSFER

ELECTROMAGNETIC RADIATION--(cont.)

∞ RAYS
 REFLECTED WAVES
 REFLECTION
 REFRACTED WAVES
 RONCHI TEST
 SCATTERING
 SINE WAVES
 SOLAR RADIATION
 SOLITARY WAVES
 SPECTRAL EMISSION
 SPECTRAL ENERGY DISTRIBUTION
 SPHERICAL WAVES
 SPONTANEOUS EMISSION
 STEFAN-BOLTZMANN LAW
 STELLAR RADIATION
 STRATOSPHERE RADIATION
 TELECOMMUNICATION
 THOMSON SCATTERING
 TRANSMISSION
 TRANSVERSE WAVES
 TRAVELING WAVES
 ULTRAVIOLET ASTRONOMY
 VLF EMISSION RECORDERS
 WAVE AMPLIFICATION
 WAVE DISPERSION
 WAVE GENERATION
 ∞ WAVES
 WHISPERING GALLERY MODES
 WHITE HOLES (ASTRONOMY)

ELECTROMAGNETIC SCATTERING

GS SCATTERING
 WAVE SCATTERING
 ELECTROMAGNETIC SCATTERING
 IONOSPHERIC F-SCATTER
 PROPAGATION
 LIGHT SCATTERING
 HALOS
 MICROWAVE SCATTERING
 MIE SCATTERING
 RAYLEIGH SCATTERING
 RAMAN SPECTRA
 THOMSON SCATTERING
 X RAY SCATTERING
 RT ATMOSPHERIC ATTENUATION
 ATMOSPHERIC SCATTERING
 MAGNETIC DISPERSION
 RECIPROCITY THEOREM

ELECTROMAGNETIC SHIELDING

GS SHIELDING
 ELECTROMAGNETIC SHIELDING
 RADIO FREQUENCY SHIELDING
 RT MAGNETIC SHIELDING
 RADIATION SHIELDING

ELECTROMAGNETIC SPECTRA

GS SPECTRA
 RADIATION SPECTRA
 ELECTROMAGNETIC SPECTRA
 GAMMA RAY SPECTRA
 INFRARED SPECTRA
 LINE SPECTRA
 BALMER SERIES
 D LINES
 ELECTRONIC SPECTRA
 FRAUNHOFER LINES
 H LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 TELLURIC LINES
 RADIO SPECTRA
 MICROWAVE SPECTRA
 RAMAN SPECTRA
 STELLAR SPECTRA
 SOLAR SPECTRA
 UV SPECTRA
 ULTRAVIOLET SPECTRA
 VIBRATIONAL SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA
 RT ABSORPTION SPECTRA
 ASTRONOMICAL SPECTROSCOPY
 ELECTRONIC WARFARE
 EMISSION SPECTRA
 ENERGY SPECTRA
 LIGHT (VISIBLE RADIATION)
 MOLECULAR SPECTRA
 NOISE SPECTRA

ELECTROMAGNETIC SPECTRA--(cont.)

. SPECTRAL CORRELATION
 SPECTRAL RECONNAISSANCE

ELECTROMAGNETIC SURFACE WAVES

GS ELECTROMAGNETIC RADIATION
 ELECTROMAGNETIC SURFACE WAVES
 SURFACE WAVES
 RT ELECTROMAGNETIC SURFACE WAVES
 DIELECTRICS
 PROPAGATION MODES
 RADIO WAVES
 ∞ SURFACES
 WAVEGUIDES
 ∞ WAVES

ELECTROMAGNETIC WAVE FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 BANDPASS FILTERS
 CRYSTAL FILTERS
 TRACKING FILTERS
 ELECTRIC FILTERS
 BANDSTOP FILTERS
 CRYSTAL FILTERS
 DIGITAL FILTERS
 FIR FILTERS
 MICROWAVE FILTERS
 RADAR FILTERS
 RADIO FILTERS
 TRACKING FILTERS
 WAVEGUIDE FILTERS
 MATCHED FILTERS
 OPTICAL FILTERS
 BIREFRINGENT FILTERS
 INFRARED FILTERS
 ULTRAVIOLET FILTERS
 RT ABSORBERS (MATERIALS)
 ADAPTIVE FILTERS
 ATTENUATORS
 CORRELATION DETECTION
 ∞ FILTERS
 HIGH PASS FILTERS
 LINEAR FILTERS
 LOW PASS FILTERS
 NONLINEAR FILTERS
 SCREEN EFFECT

ELECTROMAGNETIC WAVE TRANSMISSION

UF ELECTROMAGNETIC PROPAGATION
 GS TRANSMISSION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 LIGHT TRANSMISSION
 LIGHT SCATTERING
 HALOS
 RADAR TRANSMISSION
 RADIO TRANSMISSION
 DOUBLE SIDEBAND TRANSMISSION
 IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 MICROWAVE ATTENUATION
 MICROWAVE TRANSMISSION
 MULTIPATH TRANSMISSION
 SHORT WAVE RADIO
 TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 SPREAD SPECTRUM TRANSMISSION
 TRANSEQUATORIAL PROPAGATION
 TRANSHORIZON RADIO
 PROPAGATION
 SCATTER PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 TELEVISION TRANSMISSION
 RT ATMOSPHERIC ATTENUATION
 ATTENUATION
 FERMAT PRINCIPLE
 INCOHERENT SCATTERING
 LOSSY MEDIA
 MAGNETOIONICS
 PLASMA DECAY
 PLASMA GUIDES
 RADAR ATTENUATION
 RADIO ATTENUATION
 RADOME MATERIALS
 SCREEN EFFECT
 TRANSMISSION EFFICIENCY
 WAVE PROPAGATION
 WHISPERING GALLERY MODES

ELECTROMAGNETIC WAVES

USE ELECTROMAGNETIC RADIATION

ELECTROMAGNETICS

USE ELECTROMAGNETISM

ELECTROMAGNETISM

UF ELECTROMAGNETICS
 GS **ELECTROMAGNETISM**
 . MAGNETOSTATICS
 RT BARKHAUSEN EFFECT
 ELECTRIC FIELDS
 ELECTRICITY
 ELECTROMAGNETIC FIELDS
 ELECTROMAGNETIC MEASUREMENT
 ELECTROMAGNETIC RADIATION
 ELECTROMAGNETS
 ELECTROPHYSICS
 GRAND UNIFIED THEORY
 MAGNET COILS
 MAGNETIC COILS
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAGNETIC PROPERTIES
 MAGNETORESISTIVITY
 UNIFIED FIELD THEORY

ELECTROMAGNETS

UF ELECTROMAGNETIC CONTROL
 GS MAGNETS
 . **ELECTROMAGNETS**
 . . HIGH FIELD MAGNETS
 . . SUPERCONDUCTING MAGNETS
 RT ELECTROMAGNETISM
 FIELD COILS
 MAGNET COILS
 RACETRACKS (PARTICLE
 ACCELERATORS)
 SOLENOIDS

ELECTROMECHANICAL DEVICES

RT ∞ ELECTRIC EQUIPMENT
 ELECTRODYNAMICS
 ELECTROMECHANICS
 ∞ EQUIPMENT
 HOMOPOLAR GENERATORS

ELECTROMECHANICS

GS ELECTRODYNAMICS
 . **ELECTROMECHANICS**
 RT CIRCUITS
 ELECTRIC FIELDS
 ELECTROKINETICS
 ELECTROMAGNETIC FIELDS
 ELECTROMECHANICAL DEVICES
 ELECTROSTATICS
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAXWELL EQUATION
 ∞ MECHANICS (PHYSICS)

ELECTROMETERS

GS MEASURING INSTRUMENTS
 . **ELECTROMETERS**
 RT ELECTRIC CHARGE
 ELECTRICAL MEASUREMENT
 ELECTRON COUNTERS
 GALVANOMETERS
 POTENTIOMETERS (INSTRUMENTS)
 VOLTMETERS
 WATTMETERS

ELECTROMIGRATION

RT ELECTRICAL RESISTIVITY
 ELECTRON MOBILITY
 HOLE MOBILITY
 IONIC MOBILITY
 POLARIZATION (CHARGE SEPARATION)
 THERMOMIGRATION

ELECTROMOTIVE FORCES

GS **ELECTROMOTIVE FORCES**
 . PONDEROMOTIVE FORCES
 RT ELECTRIC BATTERIES
 ELECTRIC GENERATORS
 ELECTRIC POTENTIAL
 OHMS LAW
 OPEN CIRCUIT VOLTAGE

ELECTROMYOGRAMS

USE ELECTROMYOGRAPHY

ELECTROMYOGRAPHS

USE ELECTROMYOGRAPHY

ELECTROMYOGRAPHY

UF ELECTROMYOGRAMS
 ELECTROMYOGRAPHS
 GS BIOENGINEERING
 . BIOMETRICS
 . . **ELECTROMYOGRAPHY**
 RT ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 MYOELECTRICITY

ELECTRON ACCELERATION

GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)
 . . **ELECTRON ACCELERATION**
 RT ∞ ACCELERATION
 COSMIC RAYS
 ELECTRONS
 EXTRATERRESTRIAL RADIATION
 PARTICLE BEAMS
 SOLAR COSMIC RAYS

ELECTRON ACCELERATORS

GS PARTICLE ACCELERATORS
 . **ELECTRON ACCELERATORS**
 . . BETATRONS
 RT ∞ ACCELERATORS
 LINEAR ACCELERATORS
 SYNCHROTRONS
 VAN DE GRAAFF ACCELERATORS

ELECTRON AFFINITY

GS AFFINITY
 . **ELECTRON AFFINITY**
 RT ANIONS
 MOLECULAR IONS
 NEGATIVE ELECTRON AFFINITY
 SEMICONDUCTORS (MATERIALS)

ELECTRON ATTACHMENT

GS **ELECTRON ATTACHMENT**
 . NUCLEOPHILES
 RT ∞ ATTACHMENT
 GAS IONIZATION
 IONIZATION

ELECTRON AVALANCHE

GS AVALANCHES
 . **ELECTRON AVALANCHE**
 RT CATT DEVICES
 CHANNEL MULTIPLIERS
 FREE ELECTRONS
 GAS DISCHARGES
 TOWNSEND AVALANCHE

ELECTRON BEAM WELDING

GS WELDING
 . FUSION WELDING
 . . **ELECTRON BEAM WELDING**
 RT ARC WELDING
 ELECTRIC WELDING
 SPIKING

ELECTRON BEAMS

GS BEAMS (RADIATION)
 . PARTICLE BEAMS
 . . **ELECTRON BEAMS**
 . . . RELATIVISTIC ELECTRON BEAMS
 PARTICLES
 . CORPUSCULAR RADIATION
 . . ELECTRON RADIATION
 . . . **ELECTRON BEAMS**
 RELATIVISTIC ELECTRON BEAMS
 RT BEAM INJECTION
 BEAM NEUTRALIZATION
 BEAM PLASMA AMPLIFIERS
 BETA PARTICLES
 BRILLOUIN FLOW
 DIFFRACTION RADIATION
 ELECTRON CYCLOTRON HEATING
 IONIZING RADIATION
 MAGNETIC LENSES
 MONOSCOPES
 PLASMA JETS
 SCALLOPING
 SCANNING ELECTRON MICROSCOPY
 TRANSMISSION ELECTRON MICROSCOPY

ELECTRON BOMBARDMENT

RT ∞ BOMBARDMENT
 DEPOSITION
 PARTICLE BEAMS
 PLASMA JETS
 RELATIVISTIC ELECTRON BEAMS
 SPUTTERING

ELECTRON BUNCHING

GS BUNCHING
 . **ELECTRON BUNCHING**
 RT CATCHERS
 CONVECTION CURRENTS
 KLYSTRONS
 TRAVELING WAVE TUBES
 VELOCITY MODULATION

ELECTRON CAPTURE

GS NUCLEAR REACTIONS
 . NUCLEAR INTERACTIONS
 . . NUCLEAR CAPTURE
 . . . **ELECTRON CAPTURE**
 . . . SPIN-ORBIT INTERACTIONS
 . . . **ELECTRON CAPTURE**
 PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE
 INTERACTIONS
 . . NUCLEAR CAPTURE
 . . . **ELECTRON CAPTURE**
 . . . NUCLEAR INTERACTIONS
 . . . NUCLEAR CAPTURE
 . . . **ELECTRON CAPTURE**
 . . . SPIN-ORBIT INTERACTIONS
 . . . **ELECTRON CAPTURE**
 SPIN
 . SPIN-ORBIT INTERACTIONS
 . **ELECTRON CAPTURE**
 RT CAPTURE EFFECT
 MANY ELECTRON EFFECTS

ELECTRON CLOUDS

RT ∞ CLOUDS
 ORBITRONS
 SPACE CHARGE

ELECTRON COLLISIONS

USE ELECTRON SCATTERING

ELECTRON COMPOUNDS

USE INTERMETALLICS

ELECTRON COUNTERS

UF ELECTRON DETECTORS
 MEASURING INSTRUMENTS
 GS COUNTERS
 . RADIATION COUNTERS
 . . **ELECTRON COUNTERS**
 . . . RADIATION MEASURING INSTRUMENTS
 . . . RADIATION COUNTERS
 . . . **ELECTRON COUNTERS**
 RT ELECTROMETERS
 IONIZATION CHAMBERS

ELECTRON CYCLOTRON HEATING

GS HEATING
 . PLASMA HEATING
 . . **ELECTRON CYCLOTRON HEATING**
 RT ELECTRON BEAMS
 ELECTRON GUNS
 KLYSTRONS
 MAGNETIC PUMPING

ELECTRON DECAY RATE

GS RATES (PER TIME)
 . DECAY RATES
 . . **ELECTRON DECAY RATE**
 RT MUONS
 SECONDARY COSMIC RAYS

ELECTRON DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . **ELECTRON DENSITY**
 (CONCENTRATION)
 . . . CARRIER DENSITY (SOLID STATE)
 . . . ELECTRON DENSITY PROFILES
 . . . IONOSPHERIC ELECTRON DENSITY
 . . . MAGNETOSPHERIC ELECTRON
 DENSITY
 RT ATMOSPHERIC COMPOSITION
 ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 FREE ELECTRONS
 ION DENSITY (CONCENTRATION)
 PLASMA DENSITY
 PLASMA FREQUENCIES
 RADIATION BELTS
 SEMICONDUCTORS (MATERIALS)
 SPACE DENSITY

ELECTRON DENSITY PROFILES

GS DENSITY (NUMBER/VOLUME)

ELECTRON DENSITY PROFILES--(cont.)

- . PARTICLE DENSITY (CONCENTRATION)
- . . . ELECTRON DENSITY (CONCENTRATION)
- **ELECTRON DENSITY PROFILES**
- . . . ELECTRON DISTRIBUTION
- **ELECTRON DENSITY PROFILES**
- . . . DISTRIBUTION (PROPERTY)
- . . . ELECTRON DISTRIBUTION
- **ELECTRON DENSITY PROFILES**
- . . . GRADIENTS
- **ELECTRON DENSITY PROFILES**
- RT ANGULAR DISTRIBUTION
- ATMOSPHERIC ELECTRICITY
- ATMOSPHERIC IONIZATION

ELECTRON DETECTORS

- USE ELECTRON COUNTERS

ELECTRON DIFFRACTION

- GS DIFFRACTION
- . **ELECTRON DIFFRACTION**
- RT BRAGG ANGLE
- DIFFRACTION RADIATION
- X RAY DIFFRACTION

ELECTRON DIFFUSION

- GS DIFFUSION
- . PARTICLE DIFFUSION
- . . . **ELECTRON DIFFUSION**
- RT AMBIPOLAR DIFFUSION
- DIFFUSION LENGTH
- DIFFUSION WAVES
- GASEOUS SELF-DIFFUSION
- IONIC DIFFUSION
- PLASMA DIFFUSION
- THERMAL DIFFUSION

ELECTRON DISTRIBUTION

- GS DENSITY (NUMBER/VOLUME)
- . PARTICLE DENSITY (CONCENTRATION)
- . . . **ELECTRON DISTRIBUTION**
- ELECTRON DENSITY PROFILES
- . . . DISTRIBUTION (PROPERTY)
- **ELECTRON DISTRIBUTION**
- ELECTRON DENSITY PROFILES
- RT CHARGE DISTRIBUTION
- CURRENT DISTRIBUTION
- THOMAS-FERMI MODEL
- VERTICAL DISTRIBUTION

ELECTRON EMISSION

- GS EMISSION
- . PARTICLE EMISSION
- . . . **ELECTRON EMISSION**
- FIELD EMISSION
- PHOTOELECTRIC EMISSION
- SECONDARY EMISSION
- RT CATHODES
- ELECTRIC DISCHARGES
- EMITTERS
- NEGATIVE ELECTRON AFFINITY
- PAIR PRODUCTION
- PHOTOELECTRIC MATERIALS
- PHOTOELECTRON SPECTROSCOPY
- PHOTOELECTRONS
- PHOTOIONIZATION
- RADIO FREQUENCY DISCHARGE
- SELF SUSTAINED EMISSION
- STIMULATED EMISSION
- THERMAL EMISSION
- THERMIONIC EMISSION
- THERMIONICS
- WORK FUNCTIONS

ELECTRON ENERGY

- UF ELECTRON TEMPERATURE
- ELECTRONIC LEVELS
- GS PARTICLE ENERGY
- . **ELECTRON ENERGY**
- . . . ELECTRON STATES
- RT ACTIVATION ENERGY
- ELECTROSTATIC PROBES
- ∞ ENERGY
- FORBIDDEN BANDS
- HARTREE-FOCK-SLATER METHOD
- INTERFACIAL ENERGY
- IONOSPHERIC TEMPERATURE
- KINETIC ENERGY
- NOISE TEMPERATURE
- PLASMAS (PHYSICS)
- PROTON ENERGY
- SPACE TEMPERATURE
- SURFACE ENERGY
- TEMPERATURE

ELECTRON FLUX

- USE ELECTRONS
- FLUX (RATE)

ELECTRON FLUX DENSITY

- SN (LIMITED TO ELECTRON EMISSION OR
- DETECTION RATE PER UNIT AREA)
- UF ELECTRON INTENSITY
- GS RATES (PER TIME)
- . FLUX DENSITY
- . . . RADIANT FLUX DENSITY
- PARTICLE FLUX DENSITY
- **ELECTRON FLUX DENSITY**
- RT IRRADIANCE
- RADIANCY
- SOLAR FLUX DENSITY

ELECTRON GAS

- RT COSMIC GASES
- ELECTROHYDRODYNAMICS
- FREE ELECTRONS
- IONIZED GASES
- PLASMONS
- RAREFIED GASES
- SCREEN EFFECT
- SUPERCONDUCTORS

ELECTRON GUNS

- RT CATHODE RAY TUBES
- CROSSED FIELD GUNS
- ELECTRON CYCLOTRON HEATING
- FLYING SPOT SCANNERS
- ∞ GUNS
- MAGNETIC LENSES
- PARTICLE ACCELERATORS
- PLASMA GUNS
- TUBE ANODES
- TUBE CATHODES
- TUBE GRIDS

ELECTRON HOLES

- USE HOLES (ELECTRON DEFICIENCIES)

ELECTRON IMPACT

- GS IMPACT
- . **ELECTRON IMPACT**
- RT ION IMPACT
- POINT IMPACT
- PROTON IMPACT

ELECTRON INTENSITY

- USE ELECTRON FLUX DENSITY

ELECTRON INTERACTIONS

- USE ELECTRON SCATTERING

ELECTRON IONIZATION

- USE IONIZATION

ELECTRON IRRADIATION

- GS IRRADIATION
- . **ELECTRON IRRADIATION**
- RT AUROREAL IRRADIATION
- ION IRRADIATION
- SECONDARY EMISSION

ELECTRON MASS

- GS MASS
- . PARTICLE MASS
- . . . **ELECTRON MASS**
- RT ELECTRONS

ELECTRON MICROSCOPES

- GS MICROSCOPES
- . **ELECTRON MICROSCOPES**
- RT FIELD EMISSION
- ION MICROSCOPES
- MAGNETIC LENSES
- MICROANALYSIS
- OPTICAL MICROSCOPES
- PHOTOMICROGRAPHY
- REPLICAS
- SCANNING ELECTRON MICROSCOPY
- SCANNING TUNNELING MICROSCOPY

ELECTRON MICROSCOPY

- GS MICROSCOPY
- . **ELECTRON MICROSCOPY**
- . . . SCANNING ELECTRON MICROSCOPY
- . . . SCANNING TUNNELING MICROSCOPY
- . . . TRANSMISSION ELECTRON MICROSCOPY
- RT FIELD EMISSION
- ION MICROSCOPES

ELECTRON MICROSCOPY--(cont.)

- MAGNETIC LENSES
- MICROANALYSIS
- PHASE CONTRAST

ELECTRON MOBILITY

- GS ELECTRICAL PROPERTIES
- . CARRIER MOBILITY
- . . . **ELECTRON MOBILITY**
- . . . MOBILITY
- . . . CARRIER MOBILITY
- **ELECTRON MOBILITY**
- TRANSPORT PROPERTIES
- CARRIER MOBILITY
- **ELECTRON MOBILITY**
- RT AMBIPOLAR DIFFUSION
- ATOMIC MOBILITIES
- CHARGE CARRIERS
- ELECTROHYDRODYNAMICS
- ELECTROMIGRATION
- HIGH ELECTRON MOBILITY TRANSISTORS
- HOLE MOBILITY
- MAJORITY CARRIERS
- MINORITY CARRIERS
- MODULATION DOPING
- NDM SEMICONDUCTOR DEVICES
- SEMICONDUCTOR PLASMAS
- ∞ SOLID STATE PHYSICS
- SQUARE WELLS

ELECTRON MULTIPLIERS

- USE PHOTOMULTIPLIER TUBES

ELECTRON OPTICS

- RT BEAM SWITCHING
- BRILLOUIN FLOW
- CATHODE RAY TUBES
- ELECTRO-OPTICS
- FLYING SPOT SCANNERS
- ∞ OPTICS
- PARTICLE TRAJECTORIES
- STEERING

ELECTRON ORBITALS

- GS ORBITALS
- . **ELECTRON ORBITALS**
- RT CONFIGURATION INTERACTION
- EXCIMERS

ELECTRON OSCILLATIONS

- GS OSCILLATIONS
- . **ELECTRON OSCILLATIONS**
- RT OSCILLATOR STRENGTHS
- PLASMA OSCILLATIONS
- TRANSIENT OSCILLATIONS

ELECTRON PARAMAGNETIC RESONANCE

- UF ELECTRON SPIN RESONANCE
- GS RESONANCE
- . MAGNETIC RESONANCE
- . . . PARAMAGNETIC RESONANCE
- **ELECTRON PARAMAGNETIC RESONANCE**
- RT JAHN-TELLER EFFECT

ELECTRON PATHS

- USE ELECTRON TRAJECTORIES

ELECTRON PHONON INTERACTIONS

- RT ∞ INTERACTIONS
- PARTICLE INTERACTIONS
- PLASMA-PARTICLE INTERACTIONS
- POLARONS
- SUPERCONDUCTIVITY
- THERMODYNAMIC COUPLING

ELECTRON PHOTOGRAPHY

- GS IMAGERY
- . **ELECTRON PHOTOGRAPHY**
- . . . PHOTOGRAPHY
- **ELECTRON PHOTOGRAPHY**
- RT BLACK AND WHITE PHOTOGRAPHY

ELECTRON PHOTON CASCADES

- RT BREMSSTRAHLUNG
- ∞ CASCADES
- COSMIC RAY SHOWERS
- PAIR PRODUCTION
- SECONDARY COSMIC RAYS

ELECTRON PLASMA

- GS PARTICLES
- CHARGED PARTICLES

ELECTRON PLASMA--(cont.)

- .. ENERGETIC PARTICLES
- .. PLASMAS (PHYSICS)
- .. **ELECTRON PLASMA**
- RT ELECTRON-POSITRON PLASMAS
- HELIUM PLASMA
- HIGH TEMPERATURE PLASMAS
- LANDAU DAMPING
- METALLIC PLASMAS
- PLASMA WAVES
- PLASMA-PARTICLE INTERACTIONS
- RAREFIED PLASMAS
- RELATIVISTIC PLASMAS
- THERMAL PLASMAS

ELECTRON PRECIPITATION

- GS PARTICLE PRECIPITATION
- .. **ELECTRON PRECIPITATION**
- PARTICLES
- .. CORPUSCULAR RADIATION
- .. **ELECTRON PRECIPITATION**
- RT AURORAS
- ∞ PRECIPITATION
- PROTON PRECIPITATION
- RADIATION BELTS
- SECONDARY COSMIC RAYS
- TRAPPED PARTICLES

ELECTRON PRESSURE

- GS PRESSURE
- .. RADIATION PRESSURE
- .. **ELECTRON PRESSURE**

ELECTRON PROBES

- GS MEASURING INSTRUMENTS
- .. **ELECTRON PROBES**
- RT CHEMICAL ANALYSIS
- IRRADIATION
- MICROWAVE PLASMA PROBES
- SPECTROMETERS

ELECTRON PUMPING

- RT ENERGY TRANSFER
- EXCIMER LASERS
- GAS LASERS
- LASERS
- NUCLEAR PUMPING
- NUCLEAR RADIATION
- OPTICAL PUMPING
- POPULATION INVERSION
- ∞ PUMPING
- STIMULATED EMISSION
- STIMULATED EMISSION DEVICES

ELECTRON RADIATION

- SN (LIMITED TO RADIATION CONSISTING OF ELECTRONS--EXCLUDES ELECTROMAGNETIC RADIATION)
- GS PARTICLES
- .. CORPUSCULAR RADIATION
- .. **ELECTRON RADIATION**
- .. BETA PARTICLES
- .. ELECTRON BEAMS
- .. RELATIVISTIC ELECTRON BEAMS
- RT BREMSSTRAHLUNG
- NUCLEAR RADIATION
- PLASMA RADIATION
- PROTON IRRADIATION
- ∞ RADIATION
- RADIATION EFFECTS

ELECTRON RECOMBINATION

- GS RECOMBINATION REACTIONS
- .. **ELECTRON RECOMBINATION**
- .. RADIATIVE RECOMBINATION
- RT ION RECOMBINATION
- NEUTRAL PARTICLES

ELECTRON RING ACCELERATORS

- USE STORAGE RINGS (PARTICLE ACCELERATORS)

ELECTRON RUNAWAY (PLASMA PHYSICS)

- GS SCATTERING
- .. ELECTRON SCATTERING
- .. **ELECTRON RUNAWAY (PLASMA PHYSICS)**
- RT COLLISIONAL PLASMAS
- HIGH ACCELERATION
- PLASMA PHYSICS
- SCATTERING CROSS SECTIONS

ELECTRON SCATTERING

- UF ELECTRON COLLISIONS
- ELECTRON INTERACTIONS
- GS SCATTERING
- .. **ELECTRON SCATTERING**
- .. ELECTRON RUNAWAY (PLASMA PHYSICS)
- RT ATOMIC COLLISIONS
- DENSE PLASMAS
- ELASTIC SCATTERING
- INELASTIC SCATTERING
- ION SCATTERING
- MANY ELECTRON EFFECTS
- NUCLEAR REACTIONS
- NUCLEAR SCATTERING
- PARTICLE INTERACTIONS
- PHOTON-ELECTRON INTERACTION
- RAMSAUER EFFECT
- RECOIL IONS
- RELATIVISTIC ELECTRON BEAMS
- TRANSMISSION ELECTRON MICROSCOPY
- UMKLAPP PROCESS

ELECTRON SOURCES

- RT ∞ ENERGY SOURCES
- ION SOURCES
- ∞ POWER SUPPLIES
- RADIATION SOURCES
- ∞ SOURCES

ELECTRON SPECTROSCOPY

- GS SPECTROSCOPY
- .. **ELECTRON SPECTROSCOPY**
- RT ABSORPTION SPECTRA
- EMISSION SPECTRA
- INFRARED SPECTROSCOPY
- MOLECULAR SPECTROSCOPY
- OPTICAL EMISSION SPECTROSCOPY
- X RAY ABSORPTION

ELECTRON SPIN

- GS SPIN
- .. PARTICLE SPIN
- .. **ELECTRON SPIN**
- RT ANGULAR MOMENTUM
- NUCLEAR SPIN
- SPIN DYNAMICS

ELECTRON SPIN RESONANCE

- USE ELECTRON PARAMAGNETIC RESONANCE

ELECTRON STATES

- GS LEVEL (QUANTITY)
- .. ENERGY LEVELS
- .. **ELECTRON STATES**
- PARTICLE ENERGY
- .. ELECTRON ENERGY
- .. **ELECTRON STATES**
- RT EXCIMERS
- EXCITATION
- GROUND STATE
- MANY ELECTRON EFFECTS
- NOISE TEMPERATURE

ELECTRON SWEEPING

- USE SWEEP FREQUENCY

ELECTRON TELESCOPES

- USE PARTICLE TELESCOPES

ELECTRON TEMPERATURE

- USE ELECTRON ENERGY

ELECTRON TRAJECTORIES

- UF ELECTRON PATHS
- GS TRAJECTORIES
- .. PARTICLE TRAJECTORIES
- .. **ELECTRON TRAJECTORIES**
- RT DIFFRACTION PATHS
- MAGNETIC RIGIDITY
- RADIATION BELTS

ELECTRON TRANSFER

- RT BACKWARD WAVE TUBES
- CHARGE EXCHANGE
- CHARGE TRANSFER
- OXIDATION
- TRANSFERRED ELECTRON DEVICES
- TRANSFERRING

ELECTRON TRANSITIONS

- RT ATOMIC THEORY
- AUGER EFFECT
- AUGER SPECTROSCOPY

ELECTRON TRANSITIONS--(cont.)

- BALMER SERIES
- BAND STRUCTURE OF SOLIDS
- BOHR THEORY
- CONDUCTION BANDS
- EXCIMERS
- EXCITATION
- FORBIDDEN TRANSITIONS
- FRANCK-CONDON PRINCIPLE
- JAHN-TELLER EFFECT
- LASING
- MANY ELECTRON EFFECTS
- NUCLEAR CAPTURE
- OPTICAL TRANSITION
- OSCILLATOR STRENGTHS
- PASCHEN SERIES
- RYDBERG SERIES
- ∞ TRANSITION
- TRANSITION PROBABILITIES
- X RAY LASERS
- XENON CHLORIDE LASERS
- XENON FLUORIDE LASERS

ELECTRON TUBES

- GS **ELECTRON TUBES**
- .. CAMERA TUBES
- .. IMAGE DISSECTOR TUBES
- .. ORTHICONS
- .. IMAGE ORTHICONS
- .. VIDICONS
- .. RETURN BEAM VIDICONS
- .. THERMIONS
- .. COLD CATHODE TUBES
- .. PHOTOTUBES
- .. PHOTOMULTIPLIER TUBES
- .. FREQUENCY MODULATION PHOTOMULTIPLIERS
- .. GAS DISCHARGE TUBES
- .. IGNITRONS
- .. THYRATRONS
- .. IMAGE TUBES
- .. THERMIONS
- .. THERMIONIC DIODES
- .. CESIUM DIODES
- .. VACUUM TUBES
- .. CATHODE RAY TUBES
- .. PICTURE TUBES
- .. CESIUM DIODES
- .. MICROWAVE TUBES
- .. CELESTROSCOPES
- .. CYCLOTRON RESONANCE DEVICES
- .. KLYSTRONS
- .. MAGNETRONS
- .. NIGOTRONS
- .. PLANOTRONS
- .. TRAVELING WAVE TUBES
- .. BACKWARD WAVE TUBES
- .. HELITRONS
- .. CARCINOTRONS
- .. VACUUM TUBE OSCILLATORS
- RT CAVITY RESONATORS
- CIRCUITS
- CROSSED FIELD AMPLIFIERS
- DIODES
- FIBER OPTICS
- ∞ HEATERS
- MODULATORS
- ORBITRONS
- OSCILLATORS
- PENTODES
- RECTIFIERS
- RESONATORS
- TETRODES
- TRANSCONDUCTANCE
- TRIODES
- TUBE GRIDS
- ∞ TUBES
- TUNNEL CATHODES
- VELOCITY MODULATION
- X RAY TUBES

ELECTRON TUNNELING

- UF TUNNEL RESISTORS
- RT ENERGY LEVELS
- MIM DIODES
- RESONANT TUNNELING
- SCANNING TUNNELING MICROSCOPY
- SEMICONDUCTORS (MATERIALS)
- SUPERCONDUCTIVITY
- TUNNEL DIODES
- TUNNEL JUNCTIONS
- ∞ TUNNELING

ELECTRON-HOLE DROPS

- RT CARRIER DENSITY (SOLID STATE)

ELECTRON-HOLE DROPS--(cont.)

LUMINESCENCE
MAGNETIC FIELDS
OPTICAL PUMPING
PHASE TRANSFORMATIONS
PLASMA DENSITY
PLASMA EQUILIBRIUM
SEMICONDUCTOR PLASMAS
SINGLE EVENT UPSETS

ELECTRON-ION RECOMBINATION

GS RECOMBINATION REACTIONS
 ELECTRON-ION RECOMBINATION
 . . . RADIATIVE RECOMBINATION
RT ION RECOMBINATION
 PLASMA CONTROL

ELECTRON-POSITRON ANNIHILATION

USE POSITRON ANNIHILATION

ELECTRON-POSITRON PAIRS

GS PARTICLES
 . . . ELEMENTARY PARTICLES
 . . . **ELECTRON-POSITRON PAIRS**
RT ANNIHILATION REACTIONS
 CHARGED PARTICLES
 ELECTRON-POSITRON PLASMAS
 ELECTRONS
 PAIR PRODUCTION
 POSITRON ANNIHILATION
 POSITRONS

ELECTRON-POSITRON PLASMAS

GS PARTICLES
 . . . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **ELECTRON-POSITRON PLASMAS**
RT ELECTRON PLASMA
 ELECTRON-POSITRON PAIRS
 ELECTRONS
 POSITRONS
 RELATIVISTIC PLASMAS

ELECTRONARCOSIS

RT ELECTROANESTHESIA
 ELECTROPHYSIOLOGY

ELECTRONIC AIRCRAFT

RT ∞ AIRCRAFT
 AUTOMATIC CONTROL
 ELECTRONIC COUNTERMEASURES

ELECTRONIC AMPLIFIERS

USE AMPLIFIERS

ELECTRONIC BULLETIN BOARDS

UF COMPUTER BULLETIN BOARDS
RT COMMUNICATION NETWORKS
 COMPUTER CONFERENCING
 ELECTRONIC MAIL

ELECTRONIC CONTROL

RT AUTOMATIC CONTROL
 CASCADE CONTROL
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROL SYSTEMS DESIGN
 CONTROLLERS
 CURRENT REGULATORS
 ELECTRIC CONTROL
 ELECTRIC SWITCHES
 FEEDBACK CONTROL
 HYDRAULIC CONTROL
 OPTICAL CONTROL
 PNEUMATIC CONTROL
 REMOTE CONTROL
 TERMINAL CONFIGURED VEHICLE
 PROGRAM
 VOLTAGE REGULATORS

ELECTRONIC COUNTERMEASURES

GS COUNTERMEASURES
 . . . **ELECTRONIC COUNTERMEASURES**
 . . . ANTIRADAR COATINGS
 . . . CHAFF
RT DECEPTION
 ELECTROMAGNETIC COMPATIBILITY
 ELECTROMAGNETIC INTERFERENCE
 ELECTRONIC AIRCRAFT
 ELECTRONIC WARFARE
 JAMMING
 OPTICAL COUNTERMEASURES
 RADAR DETECTION

ELECTRONIC COUNTERMEASURES--(cont.)

RADIO FREQUENCY INTERFERENCE

ELECTRONIC EQUIPMENT

GS **ELECTRONIC EQUIPMENT**
 . . . DIODES
 . . . CRYSTAL RECTIFIERS
 . . . PLASMA DIODES
 . . . SEMICONDUCTOR DIODES
 . . . AVALANCHE DIODES
 . . . BARRITT DIODES
 . . . GERMANIUM DIODES
 . . . GUNN DIODES
 . . . JUNCTION DIODES
 . . . LIGHT EMITTING DIODES
 . . . PARAMETRIC DIODES
 . . . PHOTODIODES
 . . . SCHOTTKY DIODES
 . . . TUNNEL DIODES
 . . . VARACTOR DIODES
 . . . THERMIONIC DIODES
 . . . CESIUM DIODES
 . . . ELECTRONIC FILTERS
 . . . ELECTRONIC MODULES
 . . . MICROMODULES
 . . . ELECTRONIC PACKAGING
 . . . ELECTRONIC RECORDING SYSTEMS
 . . . ELECTRONIC TRANSDUCERS
 . . . MINIATURE ELECTRONIC EQUIPMENT
 . . . SOLID STATE DEVICES
 . . . CRYOTRONS
 . . . CRYSTAL RECTIFIERS
 . . . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 . . . MULTISPECTRAL LINEAR ARRAYS
 . . . SEMICONDUCTOR DEVICES
 . . . AVALANCHE DIODES
 . . . CRYOSAR
 . . . BARRITT DIODES
 . . . CHARGE TRANSFER DEVICES
 . . . BUCKET BRIGADE DEVICES
 . . . CHARGE COUPLED DEVICES
 . . . CHARGE INJECTION DEVICES
 . . . GERMANIUM DIODES
 . . . HETEROJUNCTION DEVICES
 . . . HIGH ELECTRON MOBILITY TRANSISTORS
 MODFETS
 . . . JUNCTION DIODES
 . . . MIM DIODES
 . . . STEP RECOVERY DIODES
 . . . LIGHT EMITTING DIODES
 . . . METAL OXIDE SEMICONDUCTORS
 . . . CMOS
 . . . ITO (SEMICONDUCTORS)
 . . . SOS (SEMICONDUCTORS)
 . . . MIM (SEMICONDUCTORS)
 . . . MIS (SEMICONDUCTORS)
 . . . MSM (SEMICONDUCTORS)
 . . . NDM SEMICONDUCTOR DEVICES
 . . . NEURISTORS
 . . . PARAMETRIC DIODES
 . . . PHOTODIODES
 . . . PHOTOVOLTAIC CELLS
 . . . SOLAR CELLS
 VERTICAL JUNCTION SOLAR CELLS
 . . . SCHOTTKY DIODES
 . . . SEMICONDUCTOR LASERS
 . . . ALUMINUM GALLIUM ARSENIDE LASERS
 . . . GALLIUM ARSENIDE LASERS
 . . . SOI (SEMICONDUCTORS)
 . . . THERMISTORS
 . . . THYRISTORS
 . . . SILICON CONTROLLED RECTIFIERS
 . . . TRANSFERRED ELECTRON DEVICES
 . . . TRANSISTOR AMPLIFIERS
 . . . TRANSISTORS
 BIPOLAR TRANSISTORS
 FIELD EFFECT TRANSISTORS
 CHARGE FLOW DEVICES
 JFET
 MODFETS
 HIGH ELECTRON MOBILITY TRANSISTORS
 MODFETS
 JUNCTION TRANSISTORS
 JFET
 PHOTOTRANSISTORS
 SILICON TRANSISTORS
 SOS (SEMICONDUCTORS)
 TRAPATT DEVICES
 . . . VARACTOR DIODES
 . . . VARISTORS

ELECTRONIC EQUIPMENT--(cont.)

. . . SIS (SEMICONDUCTORS)
. . . SIS (SUPERCONDUCTORS)
. . . SOLID STATE LASERS
. . . ALUMINUM GALLIUM ARSENIDE LASERS
. . . DBR LASERS
. . . GALLIUM ARSENIDE LASERS
. . . RUBY LASERS
. . . YAG LASERS
. . . SPACECRAFT ELECTRONIC EQUIPMENT
RT ANTENNA COMPONENTS
 BUBBLE TECHNIQUE
∞ ELECTRIC EQUIPMENT
∞ ELECTRONICS
∞ EQUIPMENT
 RADIATION HARDENING
 SPHERICAL ANTENNAS
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES

ELECTRONIC EQUIPMENT TESTS

SN (CHECKOUT OF ELECTRONIC EQUIPMENT)
RT EARTH TERMINAL MEASUREMENT SYSTEM
 ELECTRIC EQUIPMENT TESTS
 ELECTRICAL MEASUREMENT
 ENVIRONMENTAL TESTS
 FAULT DETECTION
 NONDESTRUCTIVE TESTS
 OSCILLOSCOPES
 QUALITY CONTROL
 RESONANCE TESTING
 SELF TESTS
 STABILITY TESTS
∞ TEST EQUIPMENT
∞ TESTS
 VIBRATION TESTS

ELECTRONIC FILTERS

GS ELECTRONIC EQUIPMENT
 . . . **ELECTRONIC FILTERS**
RT ELECTRIC FILTERS
 ∞ FILTERS
 FIR FILTERS

ELECTRONIC LEVELS

USE ELECTRON ENERGY
 ENERGY LEVELS

ELECTRONIC MAIL

GS TELECOMMUNICATION
 . . . **ELECTRONIC MAIL**
RT COMMUNICATION NETWORKS
 COMMUNICATION SATELLITES
 COMPUTER CONFERENCING
 COMPUTER NETWORKS
 DATA TRANSMISSION
 ELECTRONIC BULLETIN BOARDS

ELECTRONIC MODULES

GS ELECTRONIC EQUIPMENT
 . . . **ELECTRONIC MODULES**
 . . . MICROMODULES
 . . . MODULES
 . . . **ELECTRONIC MODULES**
 . . . MICROMODULES
RT HARDWARE
 MINIATURE ELECTRONIC EQUIPMENT
 MODULARITY
 SUBMINIATURIZATION

ELECTRONIC PACKAGING

GS ELECTRONIC EQUIPMENT
 . . . **ELECTRONIC PACKAGING**
 . . . PACKAGING
RT **ELECTRONIC PACKAGING**
 CIRCUIT BOARDS
 DTL INTEGRATED CIRCUITS
 ENCAPSULATING
 HYBRID CIRCUITS
 INTEGRATED CIRCUITS
 LARGE SCALE INTEGRATION
 LINEAR INTEGRATED CIRCUITS
 MEDIUM SCALE INTEGRATION
 MICROMODULES
 PRINTED CIRCUITS
 THICK FILMS
 TTL INTEGRATED CIRCUITS

ELECTRONIC PHOTOGRAPHY

USE ELECTRO-OPTICAL PHOTOGRAPHY

ELECTRONIC RECORDING SYSTEMS

GS ELECTRONIC EQUIPMENT
 . **ELECTRONIC RECORDING SYSTEMS**
 RT RECORDING INSTRUMENTS
 ∞ SYSTEMS
 TAPE RECORDERS

ELECTRONIC SIGNAL MEASUREMENT
 USE SIGNAL MEASUREMENT**ELECTRONIC SPECTRA**

SN (EMISSION OR ABSORPTION
 MOLECULAR SPECTRA OF AN
 ELECTRON TRANSITION)
 GS SPECTRA
 . ENERGY SPECTRA
 . **ELECTRONIC SPECTRA**
 . MOLECULAR SPECTRA
 . **ELECTRONIC SPECTRA**
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 . . . **ELECTRONIC SPECTRA**
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 LYMAN SPECTRA
 SPECTRAL BANDS
 VIBRATIONAL SPECTRA

ELECTRONIC STRUCTURE

USE ATOMIC STRUCTURE

ELECTRONIC SWITCHES

USE SWITCHING CIRCUITS

ELECTRONIC TRANSDUCERS

GS ELECTRONIC EQUIPMENT
 . **ELECTRONIC TRANSDUCERS**
 TRANSDUCERS
 . **ELECTRONIC TRANSDUCERS**
 RT MAGNETIC TRANSDUCERS
 ∞ SENSORS
 ULTRASONIC WAVE TRANSDUCERS

ELECTRONIC WARFARE

GS MILITARY OPERATIONS
 . **ELECTRONIC WARFARE**
 WARFARE
 . **ELECTRONIC WARFARE**
 RT AIR DEFENSE
 ANTIRADAR COATINGS
 CHAFF
 COMBAT
 DECEPTION
 ELECTROMAGNETIC COMPATIBILITY
 ELECTROMAGNETIC INTERFERENCE
 ELECTROMAGNETIC SPECTRA
 ELECTRONIC COUNTERMEASURES
 EVASIVE ACTIONS
 JAMMING
 MISSILE DETECTION
 PEACETIME
 RADAR DETECTION
 RADIO FREQUENCY INTERFERENCE
 STRATEGY

∞ ELECTRONICS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF PHOTOELECTRONICS
 RT ASTRIONICS
 AVIONICS
 DIGITAL ELECTRONICS
 ELECTRICAL ENGINEERING
 ELECTRICITY
 ELECTRONIC EQUIPMENT
 ELECTROPHYSICS
 MEDICAL ELECTRONICS
 MICROELECTRONICS
 MOLECULAR ELECTRONICS
 NUCLEONICS
 QUANTUM ELECTRONICS
 RADIO ELECTRONICS
 THERMIONICS
 TRANSISTOR CIRCUITS
 VOLT-AMPERE CHARACTERISTICS

ELECTRONOGRAPHY

RT ELECTROPHYSIOLOGY
 PRINTING

ELECTRONS

UF ELECTRON FLUX
 NONRELATIVISTIC ELECTRONS
 GS PARTICLES
 . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . **ELECTRONS**
 CONDUCTION ELECTRONS
 HIGH ENERGY ELECTRONS
 HOT ELECTRONS
 N ELECTRONS
 NEGATONS
 PI-ELECTRONS
 RT ACCEPTOR MATERIALS
 BETA PARTICLES
 BOHR MAGNETON
 COSMIC RAYS
 DONOR MATERIALS
 ELECTRON ACCELERATION
 ELECTRON MASS
 ELECTRON-POSITRON PAIRS
 ELECTRON-POSITRON PLASMAS
 EXCITONS
 HOLES (ELECTRON DEFICIENCIES)
 LEWIS BASE
 MAJORITY CARRIERS
 ∞ MATERIALS
 MINORITY CARRIERS
 MUONIUM
 N-TYPE SEMICONDUCTORS
 NUCLEAR RADIATION
 POMERANCHUK THEOREM
 QUANTUM NUMBERS
 RADIATION BELTS
 SEMICONDUCTORS (MATERIALS)
 SUHL EFFECT

ELECTRONYSTAGMOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . **ELECTRONYSTAGMOGRAPHY**
 PHYSIOLOGICAL TESTS
 . **ELECTRONYSTAGMOGRAPHY**
 RT EYE EXAMINATIONS
 EYE MOVEMENTS
 NYSTAGMUS
 OPHTHALMOLOGY

ELECTROPHORESIS

UF CONTINUOUS FLOW ELECTROPHORESIS
 RT BIOPROCESSING
 COLLOIDS
 ELECTRODEPOSITION
 ELECTROPLATING
 ∞ MICROGRAVITY APPLICATIONS
 PARTICLE MOTION

ELECTROPHOTOMETERS

UF PHOTOELECTRIC PHOTOMETERS
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . PHOTOMETERS
 . . . **ELECTROPHOTOMETERS**
 . . . RADIATION MEASURING INSTRUMENTS
 . . . PHOTOMETERS
 . . . **ELECTROPHOTOMETERS**
 . . . OPTICAL EQUIPMENT
 . . . OPTICAL MEASURING INSTRUMENTS
 . . . PHOTOMETERS
 . . . **ELECTROPHOTOMETERS**
 RT ELECTROPHOTOMETRY

ELECTROPHOTOMETRY

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **ELECTROPHOTOMETRY**
 OPTICAL MEASUREMENT
 . PHOTOMETRY
 . . **ELECTROPHOTOMETRY**
 RT COLORIMETRY
 ELECTROPHOTOMETERS
 ELECTROPHYSICS
 ∞ MATERIALS TESTS
 MICROANALYSIS
 PHOTOMETERS
 PIXELS
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 SPECTROSCOPIC ANALYSIS
 SPECTROSCOPY

ELECTROPHYSICS

GS **ELECTROPHYSICS**
 . ELECTRO-OPTICS
 . MOLECULAR ELECTRONICS

ELECTROPHYSICS--(cont.)

RT ELECTROCHEMISTRY
 ELECTROKINETICS
 ELECTROMAGNETISM
 ∞ ELECTRONICS
 ELECTROPHOTOMETRY
 ∞ PHYSICS
 ∞ SCIENCE
 THEORETICAL PHYSICS

ELECTROPHYSIOLOGY

GS PHYSIOLOGY
 . **ELECTROPHYSIOLOGY**
 RT BODY MEASUREMENT (BIOLOGY)
 DEPOLARIZATION
 ECHOENCEPHALOGRAPHY
 ELECTROCARDIOGRAPHY
 ELECTROENCEPHALOGRAPHY
 ELECTROMYOGRAPHY
 ELECTRONARCOSIS
 ELECTRONOGRAPHY
 ELECTROPLETHYSMOGRAPHY
 ELECTRORETINOGRAPHY
 HIS BUNDLE
 INFORMATION PROCESSING (BIOLOGY)
 NERVOUS SYSTEM
 NEUROLOGY
 ∞ SCIENCE

ELECTROPLATING

GS COATING
 . **ELECTROPLATING**
 COATINGS
 . **ELECTROPLATING**
 DEPOSITION
 . ELECTRODEPOSITION
 . . **ELECTROPLATING**
 PLATING
 . **ELECTROPLATING**
 RT BATHS
 CATHODIC COATINGS
 CURRENT DENSITY
 ELECTRODES
 ELECTROFORMING
 ELECTROLYSIS
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROPHORESIS
 METALLIZING
 NICKEL PLATE
 PROTECTIVE COATINGS
 SURFACE FINISHING

ELECTROPLETHYSMOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . BODY MEASUREMENT (BIOLOGY)
 . . . **ELECTROPLETHYSMOGRAPHY**
 . . . PLETHYSMOGRAPHY
 . . . **ELECTROPLETHYSMOGRAPHY**
 RT BLOOD CIRCULATION
 ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS

ELECTROPOLISHING

UF ELECTROLYTIC POLISHING
 GS METAL FINISHING
 . **ELECTROPOLISHING**
 POLISHING
 . METAL POLISHING
 . . **ELECTROPOLISHING**
 RT ELECTROCHEMICAL MACHINING
 METALLOGRAPHY
 SURFACE FINISHING

ELECTROREFINING

GS REFINING
 . **ELECTROREFINING**
 RT ELECTRODES
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROWINNING

ELECTRORETINOGRAPHY

GS BIOENGINEERING
 . BIOMETRICS
 . . **ELECTRORETINOGRAPHY**
 RT ELECTROPHYSIOLOGY
 MEDICAL ELECTRONICS
 RETINA

ELECTROREOLOGICAL FLUIDS

UF ER FLUIDS
 RT ELASTODYNAMICS
 RHEOLOGY

ELECTROSEISMIC EFFECT
 USE ELECTRIC CURRENT
 SEISMIC WAVES

ELECTROSLAG PROCESS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ELECTROSLAG REFINING
 ELECTROSLAG WELDING

ELECTROSLAG REFINING
 GS REFINING
 . **ELECTROSLAG REFINING**
 RT ARC MELTING
 ∞ELECTROSLAG PROCESS
 RESISTANCE HEATING

ELECTROSLAG WELDING
 GS WELDING
 . FUSION WELDING
 . . . ELECTRIC WELDING
 . . . **ELECTROSLAG WELDING**
 RT ∞ELECTROSLAG PROCESS

ELECTROSTATIC BONDING
 RT COVERINGS
 ENCAPSULATING
 ENERGY TECHNOLOGY
 GLASS
 SOLAR ARRAYS
 SOLAR CELLS

ELECTROSTATIC CHARGE
 GS ELECTRIC CHARGE
 . **ELECTROSTATIC CHARGE**
 RT CAPACITANCE
 CHARGE DISTRIBUTION
 ∞CHARGING
 ELECTRIC DISCHARGES
 ELECTRIC FIELDS
 ELECTROSTATICS
 SCATHA SATELLITE
 STATIC ELECTRICITY
 XEROGRAPHY

ELECTROSTATIC DRAG
 GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **ELECTROSTATIC DRAG**
 RT DRAG MEASUREMENT
 SATELLITE DRAG

ELECTROSTATIC ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . **ELECTROSTATIC ENGINES**
 RT ARC JET ENGINES
 CESIUM ENGINES
 ION ENGINES
 MERCURY ION ENGINES
 MICROROCKET ENGINES
 RESTARTABLE ROCKET ENGINES
 RIT ENGINES
 SUSTAINER ROCKET ENGINES
 VERNIER ENGINES

ELECTROSTATIC EROSION
 USE SPARK MACHINING

ELECTROSTATIC FIELDS
 USE ELECTRIC FIELDS

ELECTROSTATIC GENERATORS
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . **ELECTROSTATIC GENERATORS**
 RT ARC GENERATORS
 ∞GENERATORS
 KLYSTRONS
 MAGNETRONS
 ROTATING GENERATORS
 VOLTAGE GENERATORS

ELECTROSTATIC GYROSCOPES
 UF ELECTRICALLY SUSPENDED
 GYROSCOPES
 ESG (GYROSCOPES)
 GS GYROSCOPES
 . **ELECTROSTATIC GYROSCOPES**
 RT LEVITATION

ELECTROSTATIC PLASMA
 USE PLASMAS (PHYSICS)

ELECTROSTATIC PRECIPITATORS
 GS SEPARATORS
 . PRECIPITATORS
 . . **ELECTROSTATIC PRECIPITATORS**
 RT ADSORPTION
 AIR PURIFICATION
 AIR SAMPLING
 DUST COLLECTORS
 FLY ASH
 ∞SEPARATION

ELECTROSTATIC PROBES
 UF LANGMUIR PROBES
 GS MEASURING INSTRUMENTS
 . PLASMA PROBES
 . . **ELECTROSTATIC PROBES**
 . . . RADIATION MEASURING INSTRUMENTS
 . . **ELECTROSTATIC PROBES**
 RT ELECTRON ENERGY
 PLASMA FREQUENCIES
 RADIATION COUNTERS
 SCATHA SATELLITE

ELECTROSTATIC PROPULSION
 GS PROPULSION
 . ELECTRIC PROPULSION
 . . **ELECTROSTATIC PROPULSION**
 . . . ION PROPULSION
 . . . LOW THRUST PROPULSION
 . . **ELECTROSTATIC PROPULSION**
 . . . ION PROPULSION
 . . . SPACECRAFT PROPULSION
 . . **ELECTROSTATIC PROPULSION**
 . . . ION PROPULSION
 RT ELECTROMAGNETIC PROPULSION
 PLASMA PROPULSION

ELECTROSTATIC SHIELDING
 GS SHIELDING
 . **ELECTROSTATIC SHIELDING**
 RT ELECTRIC CONDUCTORS
 SCATHA SATELLITE

ELECTROSTATIC WAVES
 GS ELASTIC WAVES
 . MAGNETOHYDRODYNAMIC WAVES
 . . PLASMA WAVES
 . . . **ELECTROSTATIC WAVES**
 RT DIFFUSION WAVES
 IONIC WAVES
 LONGITUDINAL WAVES
 MAGNETOELASTIC WAVES
 SHOCK WAVES
 WAVE-PARTICLE INTERACTIONS

ELECTROSTATICS
 GS STATICS
 . **ELECTROSTATICS**
 RT BORN-INFELD THEORY
 ELECTRIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMECHANICS
 ELECTROSTATIC CHARGE
 MAGNETOSTATICS
 POISSON EQUATION
 STATIC ELECTRICITY

ELECTROSTRICTION
 GS ELECTRICAL PROPERTIES
 . **ELECTROSTRICTION**
 MECHANICAL PROPERTIES
 . **ELECTROSTRICTION**
 RT MAGNETOSTRICTION
 PIEZOELECTRICITY

ELECTROTHERMAL ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . **ELECTROTHERMAL ENGINES**
 ARC JET ENGINES
 RESISTOJET ENGINES
 RT HIGH TEMPERATURE PROPELLANTS
 ION ENGINES
 NUCLEAR ELECTRIC PROPULSION
 PULSED JET ENGINES
 RESTARTABLE ROCKET ENGINES
 SUSTAINER ROCKET ENGINES

ELECTROWINNING
 RT ELECTRODEPOSITION

ELECTROWINNING--(cont.)
 ELECTRODES
 ELECTROLYTES
 ELECTROLYTIC CELLS
 ELECTROREFINING

ELEKTRON SATELLITES
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . **ELEKTRON SATELLITES**
 . . . ELEKTRON 1 SATELLITE
 . . . ELEKTRON 2 SATELLITE
 . . . ELEKTRON 4 SATELLITE

ELEKTRON 1 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ELEKTRON SATELLITES
 . . . **ELEKTRON 1 SATELLITE**

ELEKTRON 2 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ELEKTRON SATELLITES
 . . . **ELEKTRON 2 SATELLITE**

ELEKTRON 4 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ELEKTRON SATELLITES
 . . . **ELEKTRON 4 SATELLITE**

ELEMENT ABUNDANCE
 USE ABUNDANCE

ELEMENT 104
 GS CHEMICAL ELEMENTS
 . **ELEMENT 104**
 RT ∞ELEMENTS

ELEMENT 105
 GS CHEMICAL ELEMENTS
 . **ELEMENT 105**
 RT ∞ELEMENTS

ELEMENTARY EXCITATIONS
 UF QUASI-PARTICLES
 GS **ELEMENTARY EXCITATIONS**
 . EXCITONS
 . MAGNONS
 . PHONONS
 . . PHONON BEAMS
 . . PLASMONS
 . . POLARONS
 RT MANY BODY PROBLEM

ELEMENTARY PARTICLE INTERACTIONS
 GS PARTICLE INTERACTIONS
 . **ELEMENTARY PARTICLE INTERACTIONS**
 . . HIGH ENERGY INTERACTIONS
 . . . STRONG INTERACTIONS (FIELD THEORY)
 . . . MESON-MESON INTERACTIONS
 . . . MESON-NUCLEON INTERACTIONS
 . . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . NUCLEON-NUCLEON INTERACTIONS
 . . . WEAK ENERGY INTERACTIONS
 . . . WEAK INTERACTIONS (FIELD THEORY)
 RT ANGULAR DISTRIBUTION
 ELECTROMAGNETIC INTERACTIONS
 ∞INTERACTIONS
 ION ATOM INTERACTIONS
 MANDELSTAM REPRESENTATION
 PHOTON-ELECTRON INTERACTION
 VENEZIANO MODEL

ELEMENTARY PARTICLES
 GS PARTICLES
 . **ELEMENTARY PARTICLES**
 . . ANTIPARTICLES
 . . . ANTINEUTRINOS
 . . . ANTINUCLEONS
 . . . ANTIPOUTONS
 . . . POSITRONS
 . . . BETA PARTICLES
 . . . BOSONS
 . . . ALPHA PARTICLES
 . . . MESONS
 ETA-MESONS
 KAONS
 MESON RESONANCE

ELEMENTARY PARTICLES--(cont.)

. X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 XI HYPERONS
 DEUTERONS
 ELECTRON-POSITRON PAIRS
 FERMIONS
 BARYONS
 HYPERONS
 XI HYPERONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 ETA-MESONS
 LEPTONS
 ANTINEUTRINOS
 MUONS
 NEUTRINOS
 SOLAR NEUTRINOS
 MESON RESONANCE
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 SOLAR NEUTRONS
 THERMAL NEUTRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 GLUONS
 GRAVITINOS
 GRAVITONS
 HADRONS
 BARYONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 MESONS
 KAONS
 MUONS
 OMEGA-MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 MAGNETIC MONOPOLES
 NUCLEONS
 PARTONS
 QUARKS
 TACHYONS
 RT ATOMIC STRUCTURE
 BUBBLE CHAMBERS
 CHARGED PARTICLES
 DE BROGLIE WAVELENGTHS
 GEOCYCLOTIONS
 HYPERNUCLEI
 INSTANTONS
 IONIZING RADIATION
 NEUTRON SCATTERING
 NUCLEAR INTERACTIONS
 NUCLEAR PARTICLES
 NUCLEAR RADIATION
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLE ACCELERATORS
 POMERANCHUK THEOREM
 POSITRON ANNIHILATION
 QUANTUM THEORY
 RADIATION BELTS

∞ ELEMENTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT ATOMS
 CHEMICAL ELEMENTS
 ELEMENT 104
 ELEMENT 105
 HEAVY ELEMENTS
 ISOPARAMETRIC FINITE ELEMENTS
 LIGHT ELEMENTS
 LOGICAL ELEMENTS
 NEUTRAL ATOMS
 NUCLEAR FUEL ELEMENTS
 ORBITAL ELEMENTS
 TASKS

ELEVATION

RT ALTIMETRY
 ALTITUDE
 CONTOURS
 HEAD (FLUID MECHANICS)

ELEVATION--(cont.)

HYDROSTATIC PRESSURE
 HYDROSTATICS
 HYPSONOGRAPHY
 LOW ALTITUDE
 PRESSURE HEADS
 TOPOGRAPHY

ELEVATION ANGLE

UF ALMUCANTAR
 GS GEOMETRY
 . . . EUCLIDEAN GEOMETRY
 . . . ANGLES (GEOMETRY)
 . . . ELEVATION ANGLE
 RT ALTITUDE
 AZIMUTH
 DATUM (ELEVATION)
 FIELD OF VIEW
 LOOK ANGLES (TRACKING)
 TOPOGRAPHY

ELEVATIONS (DRAWINGS)

USE DRAWINGS

ELEVATOR ILLUSION

GS PSYCHOLOGICAL EFFECTS
 . ILLUSIONS
 . . OPTICAL ILLUSION
 . . . ELEVATOR ILLUSION
 RT VISUAL PERCEPTION

ELEVATORS (CONTROL SURFACES)

GS AIRFOILS
 . ELEVATORS (CONTROL SURFACES)
 CONTROL SURFACES
 . ELEVATORS (CONTROL SURFACES)
 RT AILERONS
 ∞ CONTROL
 ELEVONS
 HORIZONTAL TAIL SURFACES
 HYDROFOILS
 STABILIZERS (FLUID DYNAMICS)
 ∞ SURFACES
 TABS (CONTROL SURFACES)
 TAIL ASSEMBLIES
 TAIL SURFACES

ELEVATORS (LIFTS)

RT CONVEYORS
 ESCALATORS
 ∞ JACKS
 ∞ LIFTS
 WINCHES

ELEVONS

GS AIRFOILS
 . ELEVONS
 CONTROL SURFACES
 . ELEVONS
 RT AILERONS
 ELEVATORS (CONTROL SURFACES)
 LATERAL CONTROL
 TABS (CONTROL SURFACES)

ELIMINATION

GS ELIMINATION
 . DELETION
 RT ATTENUATION
 CANCELLATION
 DECONTAMINATION
 DEPLETION
 ∞ DISCHARGE
 DISPOSAL
 EVACUATING (TRANSPORTATION)
 EVACUATING (VACUUM)
 EXCLUSION
 EXHAUST SYSTEMS
 EXHAUSTING
 GAUSSIAN ELIMINATION
 POLLUTION
 PURIFICATION
 ∞ REDUCTION
 REJECTION
 ∞ SEPARATION
 STOPPING
 WASTE DISPOSAL

ELLIPSES

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CONICS
 ELLIPSES
 RT CIRCLES (GEOMETRY)

ELLIPSOIDS

UF IZSAK ELLIPSOID
 GS SYMMETRICAL BODIES
 . ELLIPSOIDS
 RT BODIES OF REVOLUTION
 ELLIPTICITY
 OGIVES

ELLIPSOIDMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . ELLIPSOIDMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . ELLIPSOIDMETERS
 RT ELLIPSOIDMETER
 PHOTOMETERS
 POLARIMETERS

ELLIPSOIDMETRY

RT DIMENSIONAL MEASUREMENT
 ELLIPSOIDMETERS
 ELLIPTICITY
 FILM THICKNESS
 ∞ MEASUREMENT
 OPTICAL MEASUREMENT
 POLARIZED LIGHT

ELLIPTIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 ELLIPTIC DIFFERENTIAL
 EQUATIONS
 MONGE-AMPERE EQUATION
 RT ∞ EQUATIONS
 HALF SPACES
 MAXIMUM PRINCIPLE

ELLIPTIC FUNCTIONS

UF ELLIPTIC INTEGRALS
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . MEROMORPHIC FUNCTIONS
 . . . ELLIPTIC FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . MEROMORPHIC FUNCTIONS
 . . ELLIPTIC FUNCTIONS
 RT JACOBI INTEGRAL
 WEIERSTRASS FUNCTIONS

ELLIPTIC INTEGRALS

USE ELLIPTIC FUNCTIONS

ELLIPTICAL CYLINDERS

RT CIRCULAR CYLINDERS
 ∞ CYLINDERS
 CYLINDRICAL BODIES
 CYLINDRICAL SHELLS

ELLIPTICAL GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . ELLIPTICAL GALAXIES
 RT DISK GALAXIES
 GALACTIC CLUSTERS
 LOCAL GROUP (ASTRONOMY)
 PECULIAR GALAXIES
 RING GALAXIES
 SHELL GALAXIES
 SPIRAL GALAXIES
 STAR CLUSTERS
 VIRGO GALACTIC CLUSTER

ELLIPTICAL ORBITS

UF HOHMANN TRAJECTORIES
 HOHMANN TRANSFER ORBITS
 GS ORBITS
 . ELLIPTICAL ORBITS
 . . TRANSFER ORBITS
 . . . INTERPLANETARY TRANSFER
 ORBITS
 RT APHELIONS
 APOGEES
 APSIDES
 CIRCULAR ORBITS
 EARTH ORBITS
 EARTH-MARS TRAJECTORIES
 EARTH-MERCURY TRAJECTORIES
 ECCENTRIC ORBITS
 ELLIPTICITY
 EQUATORIAL ORBITS
 EULER-LAMBERT EQUATION
 LUNAR ORBITS

ELLIPTICAL ORBITS--(cont.)

ORBITAL MECHANICS
PAS
PERIGEEES
PERIHELIONS
PLANETARY ORBITS
POLAR ORBITS
SATELLITE ORBITS
SOLAR ORBITS
SPACECRAFT ORBITS

ELLIPTICAL PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 **ELLIPTICAL PLASMAS**
RT MAGNETOHYDRODYNAMIC STABILITY
 PLASMA CONTROL
 TOROIDAL PLASMAS

ELLIPTICAL POLARIZATION

GS POLARIZATION (WAVES)
 . **ELLIPTICAL POLARIZATION**
RT CIRCULAR POLARIZATION
 MAGNETOIONICS

ELLIPTICITY

GS SHAPES
 . **ELLIPTICITY**
RT ECCENTRICITY
 ELLIPSOIDS
 ELLIPSONOMETRY
 ELLIPTICAL ORBITS
 FLATTENING
 OBLATE SPHEROIDS

ELONGATION

RT ANGLES (GEOMETRY)
 DEFORMATION
 DUCTILITY
 ECCENTRICITY
 EXPANSION
 MECHANICAL PROPERTIES
 PLASTIC DEFORMATION
 STRETCHING
 SUPERPLASTICITY
 TENSILE DEFORMATION
 TENSILE STRENGTH

ELUTION

UF ELUTRIATION
RT ADSORPTION
 EXTRACTION
 FLUSHING
 LEACHING
 PURIFICATION
 SEPARATION
 WASHING

ELUTRIATION

USE ELUTION

EMANATION

USE EMISSION

EMBEDDED COMPUTER SYSTEMS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . . **EMBEDDED COMPUTER SYSTEMS**
 AIRBORNE/SPACEBORNE
 COMPUTERS
RT ADA (PROGRAMMING LANGUAGE)

EMBEDDING

RT ACCELERATION PROTECTION
 ENCAPSULATING
 INSERTION

EMBOLISMS

GS **EMBOLISMS**
 . AEROEMBOLISM
 . FAT EMBOLISMS
RT BLOOD VESSELS
 CLOTTING
 COAGULATION
 INFARCTION

EMBOSSING

RT BRAILLE

EMBRITTLMENT

GS **EMBRITTLMENT**
 . HYDROGEN EMBRITTLMENT

EMBRITTLMENT--(cont.)

RT BRITTLE MATERIALS
 BRITTLENESS
 DEGRADATION
 TIME TEMPERATURE PARAMETER

EMBRYOLOGY

RT . BIOLOGY
 DIENCEPHALON
 DIFFERENTIATION (BIOLOGY)
 EMBRYOS
 FETUSES
 NEUROBLASTS
 REPRODUCTION (BIOLOGY)

EMBRYOS

RT EGGS
 EMBRYOLOGY
 FETUSES
 SEEDS

EMERALD

USE BERYL

EMERGENCIES

RT ACCIDENTS
 DISASTERS
 FAIL-SAFE SYSTEMS

EMERGENCY BREATHING TECHNIQUES

RT . BREATHING
 METHODOLOGY
 PRESSURE BREATHING
 RESPIRATORS
 RESUSCITATION

EMERGENCY LIFE SUSTAINING SYSTEMS

GS SUPPORT SYSTEMS
 . LIFE SUPPORT SYSTEMS
 . . . **EMERGENCY LIFE SUSTAINING SYSTEMS**
 AEPS
RT ENVIRONMENTAL CONTROL
 ESCAPE CAPSULES
 FLOATS
 HIGH ALTITUDE BREATHING
 MEDICAL EQUIPMENT
 OXYGEN SUPPLY EQUIPMENT
 PORTABLE LIFE SUPPORT SYSTEMS
 PRESSURIZED CABINS
 PROTECTIVE CLOTHING
 SAFETY
 SAFETY DEVICES
 SURVIVAL EQUIPMENT
 SYSTEMS

EMERGENCY LOCATOR TRANSMITTERS

GS TRANSMITTERS
 . **EMERGENCY LOCATOR TRANSMITTERS**

EMERGING

RT EMISSION
 EMISSION
 EMITTANCE

EMISSION

UF EMANATION
GS **EMISSION**
 . ACOUSTIC EMISSION
 . EXHAUST EMISSION
 . LIGHT EMISSION
 . . . INCANDESCENCE
 . . . LUMINESCENCE
 BIOLUMINESCENCE
 CATHODE GLOW
 CATHODOLUMINESCENCE
 CHEMILUMINESCENCE
 ELECTROLUMINESCENCE
 FLUORESCENCE
 LASER INDUCED FLUORESCENCE
 PHOSPHORESCENCE
 RESONANCE FLUORESCENCE
 X RAY FLUORESCENCE
 . . . LUNAR LUMINESCENCE
 . . . OPTICAL RESONANCE
 . . . PHOTOLUMINESCENCE
 . . . TRIBOLUMINESCENCE
 X RAY FLUORESCENCE
 . . . SHOCK WAVE LUMINESCENCE
 . . . SONOLUMINESCENCE
 . . . SPACECRAFT GLOW
 . . . THERMOLUMINESCENCE
 . MICROWAVE EMISSION

EMISSION--(cont.)

 . PARTICLE EMISSION
 . . . ELECTRON EMISSION
 . . . FIELD EMISSION
 . . . PHOTOELECTRIC EMISSION
 . . . SECONDARY EMISSION
 . . . ION EMISSION
 . . . NEUTRON EMISSION
 . . . THERMIONIC EMISSION
 . . . PHOTOIONIZATION
 . . . RADIO EMISSION
 . . . CN EMISSION
 . . . HYDROXYL EMISSION
 . . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SELF SUSTAINED EMISSION
 . . . SPECTRAL EMISSION
 . . . SPONTANEOUS EMISSION
 . . . STIMULATED EMISSION
 . . . THERMAL EMISSION
 . . . THERMIONIC EMISSION
 . . . ULTRAVIOLET EMISSION
 . . . WATER MASERS
RT AIRGLOW
 ATOMIC RECOMBINATION
 BURSTS
 DECAY
 . . . DISCHARGE
 EFFLUX
 EJECTION
 EMERGING
 EMITTERS
 EXCITATION
 IONIZING RADIATION
 IRRADIATION
 NUCLEAR REACTIONS
 PAIR PRODUCTION
 QUANTUM THEORY
 . . . RADIATION
 . . . RADIOACTIVE DECAY
 . . . RADIOACTIVITY
 . . . RELEASING
 . . . SELECTION RULES (NUCLEAR PHYSICS)
 . . . SPUTTERING

EMISSION SPECTRA

SN (LIMITED TO ELECTROMAGNETIC
 RADIATION OF ANY WAVELENGTH
 EMITTED FROM EXCITED
 MATTER--EXCLUDES PARTICLE
 SPECTRA)
GS SPECTRA
 . RADIATION SPECTRA
 . . . **EMISSION SPECTRA**
RT ABSORPTION SPECTRA
 ATOMIC RECOMBINATION
 BALMER SERIES
 CONTINUOUS RADIATION
 D LINES
 ELECTROMAGNETIC SPECTRA
 ELECTRON SPECTROSCOPY
 ELECTRONIC SPECTRA
 FLAME SPECTROSCOPY
 GAMMA RAY SPECTRA
 GAMMA RAYS
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 H II REGIONS
 H LINES
 HYDROXYL EMISSION
 INFRARED SPECTRA
 K LINES
 LINE SPECTRA
 LYMAN SPECTRA
 MOLECULAR SPECTRA
 MOLECULAR SPECTROSCOPY
 NUCLEAR RADIATION
 OPTICAL EMISSION SPECTROSCOPY
 OPTICAL TRANSITION
 PASCHEN SERIES
 PHOTOLUMINESCENT BANDS
 PLASMA SPECTRA
 RAMAN SPECTRA
 RYDBERG SERIES
 SCHUMANN-RUNGE BANDS

EMISSION SPECTRA--(cont.)

SOLAR SPECTRA
SOLAR SPECTROMETERS
SPECTRAL SIGNATURES
SPECTRUM ANALYSIS
SPONTANEOUS EMISSION
STELLAR SPECTRA
SWAN BANDS
SYMBIOTIC STARS
ULTRAVIOLET EMISSION
ULTRAVIOLET SPECTRA
VEGARD-KAPLAN BANDS
VISIBLE SPECTRUM
X RAY STARS
X RAYS

EMISSIONSIVITY

UF PHOTOEMISSION
GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. . . **EMISSIONSIVITY**
RT BLACK BODY RADIATION
BRIGHTNESS
EMERGING
EMITTANCE
HOHLRAUMS
INCANDESCENCE
LUMINOSITY
NONGRAY ATMOSPHERES
NONGRAY GAS
OPTICAL MEASUREMENT
RADIANCE
RADIANT FLUX DENSITY
STEFAN-BOLTZMANN LAW
SURFACE PROPERTIES
TEMPERATURE
THERMAL EMISSION

EMISSIONSGRAPHY

USE ACTINOMETERS
RECORDING INSTRUMENTS

EMITTANCE

RT EMERGING
EMISSIONSIVITY
FLUX (RATE)
LUMINOSITY
LUMINOUS INTENSITY
OPTICAL PROPERTIES
RADIANCE
RADIANT FLUX DENSITY
SPECTRAL EMISSION
THERMODYNAMIC PROPERTIES

EMITTERS

GS **EMITTERS**
. THERMIONIC CATHODES
. THERMIONIC EMITTERS
RT ELECTRON EMISSION
EMISSION
SEMICONDUCTORS (MATERIALS)

EMOTIONAL FACTORS

RT ANGINA PECTORIS
DETACHMENT
DISORDERS
DITHERS
FEEDBACK
FRUSTRATION
HUMAN REACTIONS
MOODS
PANIC
PHOBIAS
PSYCHOLOGICAL FACTORS
PSYCHOLOGY
SENSORY FEEDBACK
SENSORY STIMULATION

EMOTIONS

RT ∞ DEPRESSION
FEAR
FEAR OF FLYING
FRUSTRATION
HUMAN BEHAVIOR
LAUGHING
MOODS
PANIC
PSYCHOLOGICAL EFFECTS
PSYCHOLOGY
SENSORY FEEDBACK

EMPENNAGE

USE TAIL ASSEMBLIES

EMPHYSEMA

GS DISEASES
. RESPIRATORY DISEASES
. . . **EMPHYSEMA**
RT OCCUPATIONAL DISEASES

EMPLOYEE RELATIONS

RT ∞ COOPERATION
HUMAN RELATIONS
PERSONNEL
PERSONNEL DEVELOPMENT
PERSONNEL MANAGEMENT
POSITION (TITLE)
PRODUCTION MANAGEMENT
RETIREMENT
WAGE SURVEYS

EMPLOYMENT

RT PERSONNEL SELECTION
∞ TESTS

EMPTYING

RT DISPOSAL
DUMPING
EJECTION
EXPULSION
EXPULSION BLADDERS
JETTISONING
MATERIALS HANDLING
RELEASING
REMOVAL
SPILLING
SPREADING
UNLOADING

EMR 6050 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . **EMR 6050 COMPUTER**

EMULSIONS

GS MIXTURES
. DISPERSIONS
. . . **EMULSIONS**
. . . PHOTOGRAPHIC EMULSIONS
. . . NUCLEAR EMULSIONS
RT BROWNIAN MOVEMENTS
COLLOIDS
SLURRIES
SOLUTIONS

ENAMELS

GS COATINGS
. **ENAMELS**
FINISHES
. **ENAMELS**
RT PORCELAIN

ENARGITE

GS CHALCOGENIDES
. SULFIDES
. . . INORGANIC SULFIDES
. . . COPPER SULFIDES
. . . **ENARGITE**
COPPER COMPOUNDS
. COPPER SULFIDES
. . . **ENARGITE**
SULFUR COMPOUNDS
. SULFIDES
. . . INORGANIC SULFIDES
. . . COPPER SULFIDES
. . . **ENARGITE**

ENCAPSULATED MICROCIRCUITS

GS CIRCUITS
. INTEGRATED CIRCUITS
. . . **ENCAPSULATED MICROCIRCUITS**
RT MICROELECTRONICS

ENCAPSULATING

GS COATING
. **ENCAPSULATING**
COATINGS
. **ENCAPSULATING**
RT CANNING
ELECTRONIC PACKAGING
ELECTROSTATIC BONDING
EMBEDDING
∞ IMBEDDINGS
MATERIALS HANDLING
PACKAGING
PLASTIC COATINGS
POTTING COMPOUNDS

ENCAPSULATING--(cont.)

PROTECTIVE COATINGS
SEALING
SHEATHS

ENCELADUS

GS CELESTIAL BODIES
. NATURAL SATELLITES
. . . ICY SATELLITES
. . . **ENCELADUS**
. . . SATURN SATELLITES
. . . **ENCELADUS**
RT SATURN (PLANET)

ENCEPHALITIS

GS DISEASES
. **ENCEPHALITIS**
RT BACTERIAL DISEASES
BRAIN
VIRAL DISEASES

ENCKE COMET

GS CELESTIAL BODIES
. COMETS
. . . **ENCKE COMET**

ENCKE METHOD

RT ∞ METHODOLOGY

ENCLOSURE

RT ∞ CASING
HOUSINGS
PACKAGING

ENCLOSURES

RT AIR LOCKS
ASTEROID CAPTURE
∞ BARRIERS
BIOPAKS
CLOSURES
COMPARTMENTS
∞ CONTAINERS
COVERINGS
DOGHOUSES (ELECTRONICS)
∞ ENVELOPES
HOUSINGS
∞ PENS
PERFORATED SHELLS
PRESSURE CHAMBERS
PROTECTORS
ROOMS
SAFETY DEVICES
SHELLS (STRUCTURAL FORMS)
SHIELDING
SHIPYARDS
WALLS

ENCODERS

USE CODERS

ENCODING

USE CODING

ENCOUNTERS

RT CRASHES
SCATTERING

END EFFECTORS

UF FINGERS (ROBOTICS)
HANDS (ROBOTICS)
MECHANICAL FINGERS
MECHANICAL HANDS
ROBOT FINGERS
ROBOT HANDS
RT ∞ EFFECTORS
MANIPULATORS
ROBOT ARMS
ROBOT DYNAMICS
ROBOTICS
ROBOTS
TACTILE SENSORS (ROBOTICS)
TORQUE SENSORS (ROBOTICS)

END MORAINES

USE GLACIAL DRIFT

END PLATES

GS STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . . **END PLATES**
RT ANISOTROPIC PLATES
BULKHEADS
CIRCULAR PLATES
CLOSURES

END PLATES--(cont.)
 FLAT PLATES
 SHALLOW SHELL EQUATIONS

END-TO-END DATA SYSTEMS
 GS **END-TO-END DATA SYSTEMS**
 . NEEDS (DATA SYSTEM)
 RT ∞ DATA
 DATA ACQUISITION
 DATA PROCESSING
 DATA SYSTEMS
 ∞ SYSTEMS

ENDANGERED SPECIES

RT ANIMALS
 BIRDS
 ECOLOGY
 ECOSYSTEMS
 HABITATS
 POLLUTION
 TOXICITY
 WILDLIFE

ENDEAVOUR (ORBITER)

GS MANNED SPACECRAFT
 . SPACE SHUTTLE ORBITERS
 . **ENDEAVOUR (ORBITER)**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . REUSABLE SPACECRAFT
 . . . SPACE SHUTTLE ORBITERS
 . **ENDEAVOUR (ORBITER)**
 RT CHALLENGER (ORBITER)
 ∞ SPACECRAFT

ENDFIRE ARRAYS

GS ARRAYS
 . ANTENNA ARRAYS
 . . LINEAR ARRAYS
 . . **ENDFIRE ARRAYS**
 . . . YAGI ANTENNAS
 RT BACKFIRE ANTENNAS
 DIRECTIONAL ANTENNAS

ENDOCRINE GLANDS

GS ANATOMY
 . GLANDS (ANATOMY)
 . **ENDOCRINE GLANDS**
 . . ADRENAL GLAND
 . . GONADS
 . . . OVARIES
 . . . TESTES
 . . . HYPOTHALAMUS
 . . . PANCREAS
 . . . PARATHYROID GLAND
 . . . PINEAL GLAND
 . . . PITUITARY GLAND
 . . . THYMUS GLAND
 . . . THYROID GLAND
 RT ENDOCRINOLOGY
 ESTROGENS

ENDOCRINE SECRETIONS

GS SECRETIONS
 . **ENDOCRINE SECRETIONS**
 . . HORMONES
 . . . CORTICOSTEROIDS
 . . . ALDOSTERONE
 . . . HYDROXYCORTICOSTEROID
 . . . CORTISONE
 . . . ESTROGENS
 . . . HYPERTENSIN
 . . . PITUITARY HORMONES
 . . . ADRENOCORTICOTROPIN (ACTH)
 . . . PROSTAGLANDINS
 . . . THYROXINE
 . . . INSULIN

ENDOCRINE SYSTEMS

RT ENDOCRINOLOGY
 GLANDS (ANATOMY)
 HORMONES
 MINERAL METABOLISM
 ∞ SYSTEMS

ENDOCRINOLOGY

GS MEDICAL SCIENCE
 . **ENDOCRINOLOGY**
 RT ENDOCRINE GLANDS
 ENDOCRINE SYSTEMS

ENDOLYMPH

GS BODY FLUIDS
 . **ENDOLYMPH**

ENDOLYMPH--(cont.)

RT EAR

ENDOPLASMIC RETICULUM

GS ORGANELLES
 . **ENDOPLASMIC RETICULUM**
 . . SARCOPLASMIC RETICULUM
 RT CELLS (BIOLOGY)
 CYTOPLASM

ENDORADIOSONDES

GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . RADIOSONDES
 . . . **ENDORADIOSONDES**
 . . . SONDES
 . . . RADIOSONDES
 . . . **ENDORADIOSONDES**
 RADIO EQUIPMENT
 . RADIO TRANSMITTERS
 . . RADIOSONDES
 . . . **ENDORADIOSONDES**
 TRANSMITTERS
 . RADIO TRANSMITTERS
 . . RADIOSONDES
 . . . **ENDORADIOSONDES**

ENDOSCOPES

UF BORESCOPES
 GS MEDICAL EQUIPMENT
 . **ENDOSCOPES**
 OPTICAL EQUIPMENT
 . **ENDOSCOPES**
 RT INSPECTION

ENDOTHELIUM

GS TISSUES (BIOLOGY)
 . **ENDOTHELIUM**
 RT BLOOD VESSELS
 CELLS (BIOLOGY)

ENDOTHERMIC FUELS

GS FUELS
 . CHEMICAL FUELS
 . . **ENDOTHERMIC FUELS**
 RT CRYOGENIC ROCKET PROPELLANTS
 DOUBLE BASE PROPELLANTS
 GASEOUS ROCKET PROPELLANTS
 HYDROCARBON FUELS
 PROPELLANT DECOMPOSITION

ENDOTHERMIC REACTIONS

GS CHEMICAL REACTIONS
 . **ENDOTHERMIC REACTIONS**
 RT ASSOCIATION REACTIONS
 EXOTHERMIC REACTIONS
 HEAT SINKS
 PYROLYSIS
 THERMAL DECOMPOSITION

ENDOTOXINS

GS POISONS
 . **ENDOTOXINS**
 TOXINS AND ANTITOXINS
 . **ENDOTOXINS**
 RT BACTERIOLOGY
 TOXICOLOGY

ENDRIN

GS EPOXY COMPOUNDS
 . **ENDRIN**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **ENDRIN**
 RT INSECTICIDES

∞ ENDURANCE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DURABILITY
 FATIGUE (MATERIALS)

ENEMY PERSONNEL

GS PERSONNEL
 . **ENEMY PERSONNEL**
 RT ARMED FORCES (FOREIGN)

ENERGETIC PARTICLE EXPLORER A

USE EXPLORER 12 SATELLITE

ENERGETIC PARTICLE EXPLORER B

USE EXPLORER 14 SATELLITE

ENERGETIC PARTICLE EXPLORER C

USE EXPLORER 15 SATELLITE

ENERGETIC PARTICLE EXPLORER D

USE EXPLORER 26 SATELLITE

ENERGETIC PARTICLES

GS PARTICLES
 . CHARGED PARTICLES
 . . **ENERGETIC PARTICLES**
 . . . ELECTRONS
 . . . CONDUCTION ELECTRONS
 . . . HIGH ENERGY ELECTRONS
 . . . HOT ELECTRONS
 . . . N ELECTRONS
 . . . NEGATONS
 . . . PI-ELECTRONS
 . . . NUCLEI (NUCLEAR PHYSICS)
 . . . EVEN-EVEN NUCLEI
 . . . HEAVY NUCLEI
 . . . HYPERNUCLEI
 . . . ODD-EVEN NUCLEI
 . . . ODD-ODD NUCLEI
 . . . PLASMAS (PHYSICS)
 . . . ARGON PLASMA
 . . . BETA PARTICLES
 . . . BOUNDARY LAYER PLASMAS
 . . . COLD PLASMAS
 . . . COLLISIONAL PLASMAS
 . . . STRONGLY COUPLED PLASMAS
 . . . COLLISIONLESS PLASMAS
 . . . COSMIC PLASMA
 . . . CYLINDRICAL PLASMAS
 . . . DENSE PLASMAS
 . . . PLASMA FOCUS
 . . . STRONGLY COUPLED PLASMAS
 . . . ELECTRON PLASMA
 . . . ELECTRON-POSITRON PLASMAS
 . . . ELLIPTICAL PLASMAS
 . . . HELIUM PLASMA
 . . . HIGH TEMPERATURE PLASMAS
 . . . HYDROGEN PLASMA
 . . . DEUTERIUM PLASMA
 . . . LASER PLASMAS
 . . . METALLIC PLASMAS
 . . . CESIUM PLASMA
 . . . MICROPLASMAS
 . . . NITROGEN PLASMA
 . . . NONEQUILIBRIUM PLASMAS
 . . . NONUNIFORM PLASMAS
 . . . OXYGEN PLASMA
 . . . RAREFIED PLASMAS
 . . . RELATIVISTIC PLASMAS
 . . . ROTATING PLASMAS
 . . . SEMICONDUCTOR PLASMAS
 . . . SPACE PLASMAS
 . . . SOLAR WIND
 . . . STELLAR WINDS
 . . . SPHERICAL PLASMAS
 . . . THERMAL PLASMAS
 . . . TOROIDAL PLASMAS
 RT GALACTIC COSMIC RAYS
 RADIO JETS (ASTRONOMY)
 SOLAR COSMIC RAYS

∞ ENERGY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ACTIVATION ENERGY
 BERNSTEIN ENERGY PRINCIPLE
 CHEMICAL ENERGY
 COMMERCIAL ENERGY
 DOMESTIC ENERGY
 ELECTRON ENERGY
 ENERGY CONSERVATION
 ENERGY CONVERSION EFFICIENCY
 ENERGY OF FORMATION
 ENTHALPY
 ENTROPY
 FLUX (RATE)
 FLUX DENSITY
 FREE ENERGY
 HEAT
 HYDROGEN-BASED ENERGY
 INDUSTRIAL ENERGY
 INTERFACIAL ENERGY
 INTERNAL ENERGY
 KINETIC ENERGY
 MOLECULAR ENERGY LEVELS
 NUCLEAR BINDING ENERGY
 PARTICLE ENERGY
 POTENTIAL ENERGY
 PROTON ENERGY
 RADIANT HEATING

ENERGY--(cont.)

SEISMIC ENERGY
SOLAR ENERGY
SOLAR TOTAL ENERGY SYSTEMS
STACKING FAULT ENERGY
STRAIN ENERGY METHODS
SURFACE ENERGY
THERMAL ENERGY
THERMONUCLEAR POWER GENERATION
TRANSPORTATION ENERGY
WATERWAVE ENERGY
WORK

ENERGY ABSORPTION

UF NONREFLECTION
GS **ENERGY ABSORPTION**
 . MODERATION (ENERGY ABSORPTION)
 . THERMALIZATION (ENERGY ABSORPTION)
 . . . NEUTRON THERMALIZATION
 . RADIATION ABSORPTION
 . . . ELECTROMAGNETIC ABSORPTION
 . . . AURORAL ABSORPTION
 . . . GAMMA RAY ABSORPTION
 . . . INFRARED ABSORPTION
 . . . MICROWAVE ABSORPTION
 . . . MULTIPHOTON ABSORPTION
 . . . PHOTOABSORPTION
 . . . POLAR CAP ABSORPTION
 . . . ULTRAVIOLET ABSORPTION
 . . . X RAY ABSORPTION
 . . . MOLECULAR ABSORPTION
 . . . SELF ABSORPTION
 . . . THERMAL ABSORPTION
 . . . POLAR CAP ABSORPTION
RT **ABSORBERS (MATERIALS)**
 . . . ABSORPTION
 . . . DAMPING
 . . . GAMMA RAY ABSORPTIOMETRY
 . . . HEAT SINKS
 . . . INFRARED RADIATION
 . . . LIGHT (VISIBLE RADIATION)
 . . . PHOTON ABSORPTIOMETRY
 . . . SHOCK ABSORBERS
 . . . SOUND TRANSMISSION
 . . . VIBRATION ISOLATORS

ENERGY ABSORPTION FILMS

GS **THIN FILMS**
 . **ENERGY ABSORPTION FILMS**
RT **ABSORPTION**
 . . . ALUMINUM OXIDES
 . . . COATINGS
 . . . DIRECT POWER GENERATORS
 . . . GOLAY DETECTOR CELLS
 . . . MONOMOLECULAR FILMS
 . . . PHOTOELECTRIC CELLS
 . . . PHOTOTHERMAL CONVERSION
 . . . SELECTIVE SURFACES
 . . . SEMICONDUCTING FILMS
 . . . SOLAR ENERGY

ENERGY BANDS

GS **ENERGY BANDS**
 . . . BLOCH BAND
 . . . CONDUCTION BANDS
 . . . FORBIDDEN BANDS
RT **BANDS**
 . . . EXCITONS
 . . . LASER WINDOWS
 . . . QUANTUM WELLS
 . . . SPECTRAL BANDS
 . . . WINDOWS (INTERVALS)

ENERGY BUDGETS

GS **ENERGY BUDGETS**
 . . . EARTH RADIATION BUDGET
 . . . HEAT BUDGET
 . . . ATMOSPHERIC HEAT BUDGET
RT **BUDGETS**

ENERGY CONSERVATION

GS **CONSERVATION**
 . **ENERGY CONSERVATION**
RT **ENERGY**
 . . . ENERGY POLICY
 . . . POWER FACTOR CONTROLLERS
 . . . RESIDENTIAL ENERGY
 . . . RESOURCE ALLOCATION
 . . . RESOURCES

ENERGY CONSUMPTION

GS **CONSUMPTION**
 . **ENERGY CONSUMPTION**
RT **COAL UTILIZATION**

ENERGY CONSUMPTION--(cont.)

COMMERCIAL ENERGY
DOMESTIC ENERGY
 . . . ENERGY SOURCES
 . . . FUEL CONSUMPTION
 . . . INDUSTRIAL ENERGY

ENERGY CONVERSION

GS **ENERGY CONVERSION**
 . . . BIOMASS ENERGY PRODUCTION
 . . . GEOTHERMAL ENERGY CONVERSION
 . . . OCEAN THERMAL ENERGY
 . . . CONVERSION
 . . . SATELLITE SOLAR ENERGY
 . . . CONVERSION
 . . . SOLAR ENERGY CONVERSION
 PHOTOTHERMAL CONVERSION
 PHOTOVOLTAIC CONVERSION
 . . . SOLAR TOTAL ENERGY SYSTEMS
 . . . WATERWAVE ENERGY CONVERSION
RT **COGENERATION**
 . . . COMMERCIAL ENERGY
 . . . CONVERSION
 . . . DIRECT POWER GENERATORS
 . . . DOMESTIC ENERGY
 . . . GEOTHERMAL ENERGY EXTRACTION
 . . . HYDROGEN PRODUCTION
 . . . HYDROTHERMAL SYSTEMS
 . . . INDUSTRIAL ENERGY
 . . . INTEGRATED ENERGY SYSTEMS
 . . . LASER POWER BEAMING
 . . . LIGNITE
 . . . ORGANIC WASTES (FUEL CONVERSION)
 . . . POWER BEAMING
 . . . POWER CONDITIONING
 . . . SATELLITE SOLAR POWER STATIONS
 . . . SOLAR PONDS (HEAT STORAGE)
 . . . SOLAR SEA POWER PLANTS
 . . . SPACE INDUSTRIALIZATION
 . . . TRANSPORTATION ENERGY
 . . . WASTE ENERGY UTILIZATION

ENERGY CONVERSION EFFICIENCY

GS **EFFICIENCY**
 . **ENERGY CONVERSION EFFICIENCY**
RT **CARRIER TRANSPORT (SOLID STATE)**
 . . . CONVERSION
 . . . DIRECT POWER GENERATORS
 . . . ENERGY ABSORPTION
 . . . ENGINES
 . . . FUEL CELLS
 . . . GENERATORS
 . . . MOTORS
 . . . OPEN CIRCUIT VOLTAGE
 . . . PHOTOTHERMAL CONVERSION
 . . . POWER CONDITIONING
 . . . POWER FACTOR CONTROLLERS
 . . . QUANTUM EFFICIENCY
 . . . REDOX CELLS
 . . . SPECTROPHOTOVOLTAICS
 . . . TIDE POWERED GENERATORS
 . . . TRANSDUCERS
 . . . VOLUMETRIC EFFICIENCY
 . . . WATERWAVE ENERGY CONVERSION

ENERGY CONVERTERS

USE **DIRECT POWER GENERATORS**

ENERGY DENSITY

USE **FLUX DENSITY**

ENERGY DISSIPATION

UF **ENERGY LOSS**
GS **DISSIPATION**
 . **ENERGY DISSIPATION**
RT **FRICTION**
 . . . INSERTION LOSS
 . . . LAGRANGE SIMILARITY HYPOTHESIS
 . . . LOSSES
 . . . NONADIABATIC THEORY
 . . . POWER LOSS
 . . . TRAVELING CHARGE

ENERGY DISTRIBUTION

GS **DISTRIBUTION (PROPERTY)**
 . **ENERGY DISTRIBUTION**
 . . . SPECTRAL ENERGY DISTRIBUTION
RT **EQUIPARTITION THEOREM**
 . . . FLUX DENSITY
 . . . FORCE DISTRIBUTION
 . . . INTEGRATED ENERGY SYSTEMS
 . . . QUANTUM MECHANICS
 . . . STATISTICAL MECHANICS

ENERGY EFFICIENCY TRANSPORT PROGRAM

USE **ACEE PROGRAM**

ENERGY EQUIPARTITION

USE **EQUIPARTITION THEOREM**

ENERGY EXCHANGE

USE **ENERGY TRANSFER**

ENERGY GAPS (SOLID STATE)

UF **BANDGAP**
GS **GAPS**
 . **ENERGY GAPS (SOLID STATE)**
RT **BAND STRUCTURE OF SOLIDS**
 . . . MODFETS
 . . . MODULATION DOPING
 . . . QUANTUM WELL LASERS
 . . . QUANTUM WELLS
 . . . SOLID STATE
 . . . SOLID STATE PHYSICS

ENERGY LEVELS

UF **ELECTRONIC LEVELS**
GS **LEVEL (QUANTITY)**
 . **ENERGY LEVELS**
 . . . ATOMIC ENERGY LEVELS
 . . . ELECTRON STATES
 . . . GROUND STATE
 . . . MOLECULAR ENERGY LEVELS
 . . . INTERMOLECULAR FORCES
 . . . ROTATIONAL STATES
 . . . VIBRATIONAL STATES
RT **ATOMIC EXCITATIONS**
 . . . ATOMIC STRUCTURE
 . . . ELECTRON TUNNELING
 . . . EXCITATION
 . . . FERMI SURFACES
 . . . MOLECULAR EXCITATION
 . . . NUCLEAR CAPTURE
 . . . NUCLEAR MODELS
 . . . NUCLEAR QUADRUPOLE RESONANCE
 . . . NUCLEAR SPIN
 . . . NUCLEAR STRUCTURE
 . . . POPULATION INVERSION
 . . . QUANTUM NUMBERS
 . . . QUANTUM THEORY

ENERGY LOSS

USE **ENERGY DISSIPATION**

ENERGY METHODS

GS **STRUCTURAL ANALYSIS**
 . **ENERGY METHODS**
 . . . BERNSTEIN ENERGY PRINCIPLE
 . . . STRAIN ENERGY METHODS
RT **CASTIGLIANO VARIATIONAL THEOREM**
 . . . MATRICES (MATHEMATICS)
 . . . METHODOLOGY
 . . . STRESS ANALYSIS

ENERGY OF FORMATION

GS **CHEMICAL ENERGY**
 . **ENERGY OF FORMATION**
RT **ENERGY**
 . . . FREE ENERGY
 . . . MOLECULAR ENERGY LEVELS

ENERGY POLICY

GS **POLICIES**
 . **ENERGY POLICY**
RT **ABUNDANCE**
 . . . AVAILABILITY
 . . . COAL
 . . . COAL GASIFICATION
 . . . COAL LIQUEFACTION
 . . . COAL UTILIZATION
 . . . CONSERVATION
 . . . CRUDE OIL
 . . . DEPLETION
 . . . DEVELOPMENT
 . . . EARTH RESOURCES
 . . . ECOLOGY
 . . . ECONOMIC FACTORS
 . . . ENERGY CONSERVATION
 . . . FUEL OILS
 . . . FUELS
 . . . HYDROCARBON FUELS
 . . . LAND USE
 . . . LIGNITE
 . . . LOGISTICS
 . . . MINING
 . . . NUCLEAR ENERGY
 . . . NUCLEAR FUELS
 . . . OIL EXPLORATION
 . . . OILS

ENERGY POLICY--(cont.)

OPERATING COSTS
 POLLUTION
 REFINING
 RESERVES
 RESOURCE ALLOCATION
 RESOURCES
 SAFETY

ENERGY REQUIREMENTS

RT ∞ ENERGY SOURCES
 FUEL CONSUMPTION
 ∞ POWER SUPPLIES

∞ ENERGY SOURCES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ATMOSPHERIC ENERGY SOURCES
 AUXILIARY POWER SOURCES
 BIOMASS ENERGY PRODUCTION
 ELECTRIC BATTERIES
 ELECTRIC GENERATORS
 ELECTRON SOURCES
 ENERGY CONSUMPTION
 ENERGY REQUIREMENTS
 ENERGY TECHNOLOGY
 GEOTHERMAL RESOURCES
 HEAT SOURCES
 LITHIUM SULFUR BATTERIES
 OCEAN THERMAL ENERGY CONVERSION
 PLASMA POWER SOURCES
 POINT SOURCES
 PROPELLANTS
 RECTIFIERS
 SPACECRAFT POWER SUPPLIES
 TIDEPower
 WATERWAVE ENERGY CONVERSION

ENERGY SPECTRA

GS SPECTRA
 . ENERGY SPECTRA
 . . ELECTRONIC SPECTRA
 . . NEUTRON SPECTRA
 RT ABSORPTION SPECTRA
 ELECTROMAGNETIC SPECTRA
 GAMMA RAY ASTRONOMY
 GRIST (TELESCOPE)
 MASS SPECTRA
 MOLECULAR SPECTRA
 PLASMA SPECTRA
 POWER SPECTRA
 RADIATION SPECTRA
 SHOCK SPECTRA
 SPECTRAL ENERGY DISTRIBUTION
 SPECTROPHOTOVOLTAICS
 VIBRATIONAL SPECTRA

ENERGY STORAGE

UF ENERGY STORAGE DEVICES
 GS **ENERGY STORAGE**
 . ELECTRIC ENERGY STORAGE
 . HEAT STORAGE
 . MAGNETIC ENERGY STORAGE
 RT CAPACITORS
 COMPRESSED AIR
 ELECTRETS
 ELECTRIC BATTERIES
 FLYWHEELS
 FUEL CELLS
 FUELS
 GEOTHERMAL ENERGY UTILIZATION
 HEAT SOURCES
 INDUCTORS
 LEAD ACID BATTERIES
 NICKEL HYDROGEN BATTERIES
 ∞ NUCLEAR ENERGY
 POTENTIAL ENERGY
 REDOX CELLS
 REGENERATORS
 ROADWAY POWERED VEHICLES
 SPACE STATION POWER SUPPLIES
 SPRINGS (ELASTIC)
 ∞ STORAGE
 SUPERCONDUCTORS

ENERGY STORAGE DEVICES

USE ENERGY STORAGE

ENERGY TECHNOLOGY

GS TECHNOLOGIES
 . ENERGY TECHNOLOGY
 . . GEOTHERMAL TECHNOLOGY
 RT ATMOSPHERIC ENERGY SOURCES
 BIOMASS ENERGY PRODUCTION

ENERGY TECHNOLOGY--(cont.)

COAL UTILIZATION
 COMBINED CYCLE POWER GENERATION
 EARTH RESOURCES
 ELECTROSTATIC BONDING
 ∞ ENERGY SOURCES
 FUEL CELL POWER PLANTS
 GAS RECOVERY
 GEOTHERMAL ENERGY EXTRACTION
 HEAT ENGINES
 HYDROCARBON FUEL PRODUCTION
 HYDROGEN-BASED ENERGY
 LIGNITE
 MAGNETIC ENERGY STORAGE
 OFFSHORE ENERGY SOURCES
 OIL RECOVERY
 PHOSPHORIC ACID FUEL CELLS
 PHOTOELECTROCHEMICAL DEVICES
 PHOTOTHERMAL CONVERSION
 QUANTUM EFFICIENCY
 RESIDENTIAL ENERGY
 SOLAR COOLING
 SOLAR ENERGY CONVERSION
 SOLAR HOUSES
 SPACE COOLING (BUILDINGS)
 TROMBE WALLS
 WASTE HEAT

ENERGY TRANSFER

UF ENERGY EXCHANGE
 GS **ENERGY TRANSFER**
 . LINEAR ENERGY TRANSFER (LET)
 RT ACOUSTIC COUPLING
 ANTENNA COUPLERS
 COUPLING CIRCUITS
 CYCLOTRON RESONANCE
 ELECTRON PUMPING
 GAS TRANSPORT
 GAS-LIQUID INTERACTIONS
 HEAT TRANSFER
 HEISENBERG THEORY
 LAGRANGE SIMILARITY HYPOTHESIS
 MASS TRANSFER
 MOMENTUM TRANSFER
 NONADIABATIC CONDITIONS
 NONISOTHERMAL PROCESSES
 NUCLEAR PUMPING
 PLASMA HEATING
 POYNTING THEOREM
 RADIATIVE TRANSFER
 TERMINAL BALLISTICS
 TRANSFERRING

ENGINE AIRFRAME INTEGRATION

RT AERODYNAMIC CHARACTERISTICS
 AERODYNAMIC CONFIGURATIONS
 AIRCRAFT DESIGN
 AIRCRAFT ENGINES
 AIRFRAMES

ENGINE ANALYZERS

GS MEASURING INSTRUMENTS
 . ANALYZERS
 . . ENGINE ANALYZERS

ENGINE CONTROL

GS **ENGINE CONTROL**
 . ROCKET ENGINE CONTROL
 . TURBOJET ENGINE CONTROL
 RT AIR START
 AIRCRAFT CONTROL
 AUTOMATIC CONTROL
 COMBUSTION CONTROL
 ∞ CONTROL
 ELECTRIC CONTROL
 FLIGHT INSTRUMENTS
 FUEL CONTROL
 HYDRAULIC CONTROL
 MANUAL CONTROL
 PNEUMATIC CONTROL
 REMOTE CONTROL
 SPACECRAFT CONTROL
 SPEED CONTROL
 TEMPERATURE CONTROL
 THRUST CONTROL
 VARIABLE STREAM CONTROL ENGINES

ENGINE COOLANTS

GS COOLANTS
 . ENGINE COOLANTS
 RT COOLING
 COOLING SYSTEMS

ENGINE DESIGN

GS ENGINE DESIGN

ENGINE DESIGN--(cont.)

. ROCKET ENGINE DESIGN
 RT AIRCRAFT DESIGN
 COMPUTER AIDED DESIGN
 ∞ DESIGN
 HELICOPTER DESIGN
 MISSILE DESIGN
 NOZZLE DESIGN
 PRODUCT DEVELOPMENT
 REACTOR DESIGN
 SPACECRAFT DESIGN
 STIRLING ENGINES
 VOLUMETRIC EFFICIENCY

ENGINE FAILURE

GS FAILURE
 . ENGINE FAILURE
 RT ABORTED MISSIONS
 ∞ CUT-OFF
 INGESTION (ENGINES)
 ∞ STALLING

ENGINE INLETS

GS INTAKE SYSTEMS
 . AIR INTAKES
 . . ENGINE INLETS
 RT BYPASS RATIO
 CAVITY FLOW
 ∞ DIFFUSERS
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 INLET NOZZLES
 INLET TEMPERATURE
 INTERNAL COMPRESSION INLETS
 NACELLES

ENGINE MONITORING INSTRUMENTS

GS MEASURING INSTRUMENTS
 . ENGINE MONITORING INSTRUMENTS
 RT FAULT DETECTION
 FLIGHT INSTRUMENTS

ENGINE NOISE

GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . ENGINE NOISE
 ROCKET ENGINE NOISE
 RT AIRCRAFT NOISE
 AIRCRAFT RUNUP
 JET AIRCRAFT NOISE
 PROPELLER NOISE
 QUIET ENGINE PROGRAM

ENGINE PARTS

RT CARBURETORS
 CLUTCHES
 COMBUSTION CHAMBERS
 ∞ COMPONENTS
 DUMP COMBUSTORS
 FLYWHEELS
 INTERNAL COMBUSTION ENGINES
 PISTONS
 RETIREMENT FOR CAUSE
 ROCKET LININGS
 SPARE PARTS
 TURBINE BLADES
 TURBINE WHEELS
 VALVES

ENGINE PRIMERS

RT INTERNAL COMBUSTION ENGINES
 ∞ PRIMERS
 STARTING

ENGINE RELIGHT (IN-FLIGHT)

USE AIR START

ENGINE STARTERS

GS STARTERS
 . ENGINE STARTERS
 RT ENGINES
 INTERNAL COMBUSTION ENGINES
 JET ENGINES

ENGINE TESTING LABORATORIES

GS LABORATORIES
 . ENGINE TESTING LABORATORIES
 TEST FACILITIES
 . ENGINE TESTING LABORATORIES
 RT ENGINES

ENGINE TESTS

GS ENGINE TESTS

ENGINE TESTS--(cont.)

- . COLD FLOW TESTS
- . PREFIRING TESTS
- . SPACE ELECTRIC ROCKET TESTS
- . STATIC FIRING
- RT AIRCRAFT RUNUP
- ALTITUDE TESTS
- CAPTIVE TESTS
- FLIGHT TESTS
- FUEL TESTS
- FULL SCALE TESTS
- GROUND TESTS
- LUBRICANT TESTS
- MISSILE TESTS
- NONDESTRUCTIVE TESTS
- PRELAUNCH TESTS
- PROPELLANT TESTS
- PROPULSIVE EFFICIENCY
- ROCKET ENGINE DESIGN
- ROCKET TEST FACILITIES
- SERT 1 SPACECRAFT
- SERT 2 SPACECRAFT
- STATIC TESTS
- STIRLING ENGINES
- TEST FIRING
- TEST STANDS
- TESTING TIME
- ∞ TESTS
- VIBRATION TESTS

∞ ENGINEERING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AERONAUTICAL ENGINEERING
- AEROSPACE ENGINEERING
- AIRCRAFT PRODUCTION COSTS
- ANTHROPOMETRY
- BIOENGINEERING
- BIOINSTRUMENTATION
- BIOMETRICS
- BIOTELEMETRY
- BODY MEASUREMENT (BIOLOGY)
- CHEMICAL ENGINEERING
- ELECTRICAL ENGINEERING
- ENVIRONMENTAL ENGINEERING
- HUMAN FACTORS ENGINEERING
- MAN MACHINE SYSTEMS
- MECHANICAL ENGINEERING
- PRODUCTION ENGINEERING
- REACTOR TECHNOLOGY
- RELIABILITY ENGINEERING
- STRUCTURAL ENGINEERING
- SYSTEMS ENGINEERING
- UNDERWATER ENGINEERING
- VALUE ENGINEERING

ENGINEERING DEVELOPMENT

- USE PRODUCT DEVELOPMENT

ENGINEERING DRAWINGS

- UF MECHANICAL DRAWINGS
- GS DOCUMENTS
- . **ENGINEERING DRAWINGS**
- . BLUEPRINTS
- DRAWINGS
- . **ENGINEERING DRAWINGS**
- . BLUEPRINTS
- RT CIRCUIT DIAGRAMS
- DESCRIPTIVE GEOMETRY
- ∞ DESIGN
- DIMENSIONS
- GRAPHIC ARTS
- LAYOUTS
- LOFTING
- REPRODUCTION (COPYING)

ENGINEERING MANAGEMENT

- GS MANAGEMENT
- . INDUSTRIAL MANAGEMENT
- . **ENGINEERING MANAGEMENT**
- RT ALLOCATIONS
- ∞ BUDGETS
- GOALS
- MANPOWER
- PRIORITIES
- RESEARCH MANAGEMENT
- RESOURCE ALLOCATION
- RESOURCES

ENGINEERING TEST REACTORS

- UF ETR (REACTORS)
- GS NUCLEAR REACTORS
- . **ENGINEERING TEST REACTORS**
- RT REACTOR DESIGN

ENGINEERING TEST REACTORS--(cont.)
REACTOR TECHNOLOGY**ENGINEERS**

- GS MANPOWER
- . **ENGINEERS**
- PERSONNEL
- . **ENGINEERS**
- RT AWARDS
- SCIENTISTS

ENGINES

- SN (LIMITED TO MACHINES WITH SELF-CONTAINED POWER SOURCES FOR CONTINUOUS OPERATION--SEE MOTORS FOR MACHINES UTILIZING EXTERNAL POWER SOURCES FOR NORMAL OPERATION)
- UF GAS GENERATOR ENGINES
- GS **ENGINES**
- . AIR BREATHING ENGINES
- . GAS TURBINE ENGINES
- . JET ENGINES
- . RAMJET ENGINES
- . INTEGRAL ROCKET RAMJETS
- . LOW VOLUME RAMJET ENGINES
- . PULSEJET ENGINES
- . SUPERSONIC COMBUSTION RAMJET ENGINES
- . TURBORAMJET ENGINES
- . TURBOJET ENGINES
- . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
- . BRISTOL-SIDDELEY VIPER ENGINE
- . DUCTED FAN ENGINES
- . J-33 ENGINE
- . J-34 ENGINE
- . J-47 ENGINE
- . J-57 ENGINE
- . J-57-P-20 ENGINE
- . J-65 ENGINE
- . J-69-T-25 ENGINE
- . J-71 ENGINE
- . J-73 ENGINE
- . J-75 ENGINE
- . J-79 ENGINE
- . J-85 ENGINE
- . J-93 ENGINE
- . RA-28 ENGINE
- . TURBOFAN ENGINES
- . BRISTOL-SIDDELEY BS 53 ENGINE
- . CF-700 ENGINE
- . CONVERTIBLE FAN-SHAFT ENGINES
- . J-97 ENGINE
- . TF-41 ENGINE
- . TURBOPROP ENGINES
- . T-53 ENGINE
- . T-56 ENGINE
- . T-64 ENGINE
- . T-74 ENGINE
- . TURBORAMJET ENGINES
- . T-58-GE-8B ENGINE
- . EXTERNAL COMBUSTION ENGINES
- . STIRLING ENGINES
- . INTERNAL COMBUSTION ENGINES
- . DIESEL ENGINES
- . GAS TURBINE ENGINES
- . HYDROGEN ENGINES
- . JET ENGINES
- . RAMJET ENGINES
- . INTEGRAL ROCKET RAMJETS
- . LOW VOLUME RAMJET ENGINES
- . PULSEJET ENGINES
- . SUPERSONIC COMBUSTION RAMJET ENGINES
- . TURBORAMJET ENGINES
- . T-63 ENGINE
- . T-76 ENGINE
- . TURBOJET ENGINES
- . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
- . BRISTOL-SIDDELEY VIPER ENGINE
- . DUCTED FAN ENGINES
- . J-33 ENGINE
- . J-34 ENGINE
- . J-47 ENGINE
- . J-52 ENGINE
- . J-57 ENGINE
- . J-57-P-20 ENGINE
- . J-65 ENGINE
- . J-69-T-25 ENGINE

ENGINES--(cont.)

- . J-71 ENGINE
- . J-73 ENGINE
- . J-75 ENGINE
- . J-79 ENGINE
- . J-85 ENGINE
- . J-93 ENGINE
- . RA-28 ENGINE
- . TURBOFAN ENGINES
- . BRISTOL-SIDDELEY BS 53 ENGINE
- . CF-700 ENGINE
- . CONVERTIBLE FAN-SHAFT ENGINES
- . J-97 ENGINE
- . TF-30 ENGINE
- . TF-41 ENGINE
- . TURBOPROP ENGINES
- . T-34 ENGINE
- . T-38 ENGINE
- . T-53 ENGINE
- . T-56 ENGINE
- . T-64 ENGINE
- . T-74 ENGINE
- . T-78 ENGINE
- . TURBORAMJET ENGINES
- . T-58 ENGINE
- . T-58-GE-8B ENGINE
- . HELICOPTER ENGINES
- . ROTARY ENGINES
- . WANKEL ENGINES
- . JATO ENGINES
- . MARQUARDT R4D ENGINE
- . PISTON ENGINES
- . DIESEL ENGINES
- . FREE-PISTON ENGINES
- . STIRLING ENGINES
- . PULSED JET ENGINES
- . ROCKET ENGINES
- . BOOSTER ROCKET ENGINES
- . AJ-10 ENGINE
- . ALGOL ENGINE
- . APOGEE BOOST MOTORS
- . H-1 ENGINE
- . LR-87-AJ-5 ENGINE
- . M-1 ENGINE
- . M-55 ENGINE
- . MA-2 ENGINE
- . MA-3 ENGINE
- . MA-5 ENGINE
- . NIKE BOOSTER ROCKET ENGINES
- . P-1 ENGINE
- . ROCKET ENGINE 9KS-11000
- . SPACE SHUTTLE BOOSTERS
- . ADVANCED SOLID ROCKET MOTOR (STS)
- . X-405 ENGINE
- . DUCTED ROCKET ENGINES
- . ELECTRIC ROCKET ENGINES
- . ELECTROSTATIC ENGINES
- . ELECTROTHERMAL ENGINES
- . ARC JET ENGINES
- . RESISTOJET ENGINES
- . ION ENGINES
- . CESIUM ENGINES
- . MERCURY ION ENGINES
- . RIT ENGINES
- . HEUS ROCKET ENGINES
- . HOT WATER ROCKET ENGINES
- . HYBRID PROPELLANT ROCKET ENGINES
- . LITHEGOL ROCKET ENGINES
- . LIQUID PROPELLANT ROCKET ENGINES
- . AJ-10 ENGINE
- . F-1 ROCKET ENGINE
- . H-1 ENGINE
- . HYDRAZINE ENGINES
- . HYDROGEN OXYGEN ENGINES
- . J-2 ENGINE
- . M-1 ENGINE
- . RL-10-A-1 ENGINE
- . RL-10-A-3 ENGINE
- . LIQUID AIR CYCLE ENGINES
- . LR-62-RM-2 ENGINE
- . LR-87-AJ-5 ENGINE
- . LR-91-AJ-5 ENGINE
- . LR-99 ENGINE
- . MA-2 ENGINE
- . MA-3 ENGINE
- . MA-5 ENGINE
- . OXYGEN-HYDROCARBON ROCKET ENGINES
- . RL-10 ENGINES
- . RL-10-A-1 ENGINE
- . RL-10-A-3 ENGINE

ENGINES--(cont.)

... SPACE SHUTTLE MAIN ENGINE
 ... X-405 ENGINE
 ... XLR-99 ENGINE
 ... YLR-91-AJ-1 ENGINE
 ... M-100 ENGINE
 ... MICROROCKET ENGINES
 ... ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
 ... NOZZLELESS ROCKET ENGINES
 ... NUCLEAR ENGINE FOR ROCKET VEHICLES
 ... NUCLEAR RAMJET ENGINES
 ... NUCLEAR ROCKET ENGINES
 ... NUCLEAR LIGHTBULB ENGINES
 ... RESTARTABLE ROCKET ENGINES
 ... RETROROCKET ENGINES
 ... BE-3 ENGINE
 ... REUSABLE ROCKET ENGINES
 ... SOLID PROPELLANT ROCKET ENGINES
 ... ALGOL ENGINE
 ... APOGEE BOOST MOTORS
 ... ASROC ENGINE
 ... HERCULES ENGINE
 ... M-46 ENGINE
 ... M-55 ENGINE
 ... M-56 ENGINE
 ... M-57 ENGINE
 ... NIKE BOOSTER ROCKET ENGINES
 ... P-1 ENGINE
 ... SL-3 ROCKET ENGINE
 ... SPACE SHUTTLE BOOSTERS
 ... ADVANCED SOLID ROCKET MOTOR (STS)
 ... SYNCOM APOGEE ENGINES
 ... TU-121 ENGINE
 ... TX-77 ENGINE
 ... TX-354 ENGINE
 ... X-248 ENGINE
 ... X-254 ENGINE
 ... X-258 ENGINES
 ... X-258-B1 ENGINE
 ... X-259 ENGINE
 ... XM-33 ENGINE
 ... SUSTAINER ROCKET ENGINES
 ... TURBOROCKET ENGINES
 ... ULLAGE ROCKET ENGINES
 ... UPPER STAGE ROCKET ENGINES
 ... VERNIER ENGINES
 ... SYNCOM APOGEE ENGINES
 ... TORPEDO ENGINES
 ... TURBOROCKET ENGINES
 ... ULLAGE ROCKET ENGINES
 ... VERNIER ENGINES
 ... CONTROL ROCKETS
 ... SYNCOM APOGEE ENGINES
 ... TURBINE ENGINES
 ... GAS TURBINE ENGINES
 ... JET ENGINES
 ... RAMJET ENGINES
 ... LOW VOLUME RAMJET ENGINES
 ... PULSEJET ENGINES
 ... SUPERSONIC COMBUSTION RAMJET ENGINES
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 ... J-71 ENGINE
 ... J-73 ENGINE
 ... J-75 ENGINE
 ... J-79 ENGINE
 ... J-85 ENGINE
 ... J-93 ENGINE
 ... RA-28 ENGINE
 ... TURBOFAN ENGINES
 ... BRISTOL-SIDDELEY BS 53 ENGINE
 ... CF-700 ENGINE
 ... CONVERTIBLE FAN-SHAFT ENGINES
 ... J-97 ENGINE

ENGINES--(cont.)

... TF-30 ENGINE
 ... TF-41 ENGINE
 ... TURBOPROP ENGINES
 ... T-34 ENGINE
 ... T-38 ENGINE
 ... T-53 ENGINE
 ... T-56 ENGINE
 ... T-64 ENGINE
 ... T-74 ENGINE
 ... T-78 ENGINE
 ... TURBORAMJET ENGINES
 ... T-58 ENGINE
 ... T-58-GE-8B ENGINE
 ... VARIABLE CYCLE ENGINES
 ... VARIABLE STREAM CONTROL ENGINES
 RT AUXILIARY PROPULSION CARBURETORS
 COMBUSTION CHAMBERS
 DISPLACEMENT
 ENERGY CONVERSION EFFICIENCY
 ENGINE STARTERS
 ENGINE TESTING LABORATORIES
 EXHAUST SYSTEMS
 EXPENDABLE STAGES (SPACECRAFT)
 FUEL CONSUMPTION
 FUEL SYSTEMS
 GEOTHERMAL ENERGY CONVERSION
 HEAT ENGINES
 HEAT SOURCES
 IGNITION SYSTEMS
 LUBRICATION
 ∞ MACHINERY
 MISSILE COMPONENTS
 MOTORS
 ∞ POWER PLANTS
 PROPULSION
 REACTION PRODUCTS
 SHUTDOWNS
 SPEED REGULATORS
 SUPERSONIC COMBUSTION
 THERMODYNAMIC EFFICIENCY
 THERMODYNAMICS
 TRANSPORTATION ENERGY
 TURBINES
 ∞ VEHICLES

ENGLAND

GS NATIONS
 ... UNITED KINGDOM
 ... **ENGLAND**
 RT EUROPE

ENGLISH CHANNEL

RT ATLANTIC OCEAN
 FRANCE
 NORTH SEA
 UNITED KINGDOM

ENGLISH ELECTRIC CANBERRA AIRCRAFT

USE CANBERRA AIRCRAFT

ENGLISH LANGUAGE

GS LANGUAGES
 ... **ENGLISH LANGUAGE**
 RT SPEECH
 WORDS (LANGUAGE)

ENGRAVING

RT ETCHING
 PRINTING

ENHANCEMENT

USE AUGMENTATION

ENLARGING

USE EXPANSION

ENO SCHEMES

USE ESSENTIALLY NON-OSCILLATORY SCHEMES

ENRICHMENT

GS **ENRICHMENT**
 ... ISOTOPIC ENRICHMENT
 ... JET MEMBRANE PROCESS
 RT BENEFICIATION
 CONCENTRATING
 PURIFICATION
 REFINING
 UPGRADING

ENRICO FERMI ATOMIC POWER PLANT

GS ELECTRIC POWER PLANTS

ENRICO FERMI ATOMIC POWER PLANT--(cont.)

... NUCLEAR POWER PLANTS
 ... **ENRICO FERMI ATOMIC POWER PLANT**
 NUCLEAR ELECTRIC POWER GENERATION
 ... NUCLEAR POWER PLANTS
 ... **ENRICO FERMI ATOMIC POWER PLANT**
 RT BREEDER REACTORS
 FAST NUCLEAR REACTORS
 LIQUID METAL COOLED REACTORS
 ∞ POWER PLANTS

ENSKOG-CHAPMAN THEORY

USE CHAPMAN-ENSKOG THEORY

ENSTATITE

GS CHALCOGENIDES
 ... OXIDES
 ... PYROXENES
 ... **ENSTATITE**
 MAGNESIUM COMPOUNDS
 ... **ENSTATITE**
 MINERALS
 ... PYROXENES
 ... **ENSTATITE**
 SILICON COMPOUNDS
 ... SILICATES
 ... PYROXENES
 ... **ENSTATITE**
 RT CHONDRULE
 IGNEOUS ROCKS
 REGOLITH
 ROCKS
 SOILS

ENSTROPY

USE VORTICITY

ENTERPRISE (ORBITER)

UF SPACE SHUTTLE ORBITER 101
 GS MANNED SPACECRAFT
 ... SPACE SHUTTLE ORBITERS
 ... **ENTERPRISE (ORBITER)**
 REENTRY VEHICLES
 ... RECOVERABLE SPACECRAFT
 ... REUSABLE SPACECRAFT
 ... SPACE SHUTTLE ORBITERS
 ... **ENTERPRISE (ORBITER)**
 RT MANNED SPACE FLIGHT
 ∞ SPACECRAFT

ENTHALPY

UF HEAT CONTENT
 GS HEAT
 ... **ENTHALPY**
 ... GIBBS FREE ENERGY
 ... HEAT OF DISSOCIATION
 ... HEAT OF FORMATION
 ... HEAT OF SOLUTION
 ... LATENT HEAT
 ... HEAT OF FUSION
 ... HEAT OF VAPORIZATION
 THERMODYNAMIC PROPERTIES
 ... **ENTHALPY**
 ... GIBBS FREE ENERGY
 ... HEAT OF DISSOCIATION
 ... HEAT OF FORMATION
 ... HEAT OF SOLUTION
 ... LATENT HEAT
 ... HEAT OF FUSION
 ... HEAT OF VAPORIZATION
 RT ADIABATIC CONDITIONS
 DRYING
 ∞ ENERGY
 ENTROPY
 FREE ENERGY
 GIBBS-HELMHOLTZ EQUATIONS
 HEAT MEASUREMENT
 JOULE-THOMSON EFFECT
 MOLLIER DIAGRAM
 SPECIFIC HEAT
 THERMOCHEMISTRY
 THERMODYNAMICS

ENTHALPY-ENTROPY DIAGRAMS

USE MOLLIER DIAGRAM

ENTIRE FUNCTIONS

UF INTEGRAL FUNCTIONS
 GS ANALYSIS (MATHEMATICS)
 ... COMPLEX VARIABLES
 ... ANALYTIC FUNCTIONS
 ... **ENTIRE FUNCTIONS**

ENTIRE FUNCTIONS--(cont.)

FUNCTIONS (MATHEMATICS)
 . ANALYTIC FUNCTIONS
 . . ENTIRE FUNCTIONS

ENTOMOLOGY

RT INSECTICIDES
 INSECTS
 ∞ SCIENCE
 ∞ ZOOLOGY

ENTRAINMENT

RT AERATION
 AEROSOLS
 BLOWING
 COANDA EFFECT
 DISPERSING
 SPRAYING
 SUSPENDING (MIXING)

ENTRANCES

RT CURTAINS
 DOORS
 INTAKE SYSTEMS
 ∞ THRESHOLDS
 TRANSFER TUNNELS

ENTRAPMENT

RT ACCUMULATORS
 CONFUSION
 ESCAPE (ABANDONMENT)
 RADIATION BELTS
 TANGLING
 TRAPS

ENTROPY

GS THERMODYNAMIC PROPERTIES
 . ENTROPY
 RT CROCCO METHOD
 ∞ ENERGY
 ENTHALPY
 HEAT
 MAXIMUM ENTROPY METHOD
 MOLLIER DIAGRAM
 NONISENTROPICITY
 SHANNON-WIENER MEASURE
 TEPHIGRAMS
 THERMOCHEMISTRY
 THERMODYNAMICS

ENTROPY (STATISTICS)

GS ENTROPY (STATISTICS)
 . MAXIMUM ENTROPY METHOD
 . MINIMUM ENTROPY METHOD
 RT ∞ STATISTICS

∞ ENTRY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ATMOSPHERIC ENTRY
 REENTRY

ENTRY GUIDANCE (STS)

GS GUIDANCE (MOTION)
 . ENTRY GUIDANCE (STS)
 RT ATMOSPHERIC ENTRY
 FLIGHT CONTROL
 HYPERSONIC REENTRY
 POINTING CONTROL SYSTEMS
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 SPACECRAFT REENTRY
 TERMINAL GUIDANCE

ENUMERATION

RT COUNTING
 LISTS
 NUMBER THEORY

∞ ENVELOPES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COVERINGS
 ENCLOSURES
 FLIGHT ENVELOPES
 LIMITS (MATHEMATICS)
 STELLAR ENVELOPES

ENVIRONMENT EFFECTS

SN (EFFECTS ON ENVIRONMENT)
 RT AIR POLLUTION

ENVIRONMENT EFFECTS--(cont.)

COASTAL ECOLOGY
 COASTAL WATER
 CONTAMINANTS
 CONTAMINATION
 DEBRIS
 DEFORESTATION
 ∞ EFFECTS
 ENVIRONMENTS
 EUTROPHICATION
 EXHAUST GASES
 GREENHOUSE EFFECT
 HABITATS
 ICE ENVIRONMENTS
 MAN ENVIRONMENT INTERACTIONS
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 METABOLIC WASTES
 NOISE POLLUTION
 POISONS
 POLLUTION
 SEWAGE
 SOIL EROSION
 THERMAL POLLUTION
 WASTE DISPOSAL
 WASTES
 WATER POLLUTION
 WATER QUALITY
 WATER RESOURCES
 WETLANDS
 WILDLIFE

ENVIRONMENT MANAGEMENT

GS MANAGEMENT
 . ENVIRONMENT MANAGEMENT
 RT CONSERVATION
 EARTH RESOURCES
 ENVIRONMENTAL MONITORING
 LAND MANAGEMENT
 LAND USE
 MAN ENVIRONMENT INTERACTIONS
 RESOURCES MANAGEMENT
 WATER MANAGEMENT
 WATER RESOURCES

ENVIRONMENT MODELS

GS MODELS
 . ENVIRONMENT MODELS
 RT ATMOSPHERIC MODELS
 EXOBIOLOGY
 TEST CHAMBERS

ENVIRONMENT POLLUTION

GS POLLUTION
 . ENVIRONMENT POLLUTION
 . . AIR POLLUTION
 . . . GLOBAL AIR POLLUTION
 . . . INDOOR AIR POLLUTION
 . . . WATER POLLUTION
 . . . OIL POLLUTION
 RT AEROBIOLOGY
 AEROSOLS
 AIR SAMPLING
 CLEAN ENERGY
 EARTH RESOURCES
 ENVIRONMENTAL MONITORING
 ENVIRONMENTAL SURVEYS
 HUMAN WASTES
 METABOLIC WASTES
 NOISE POLLUTION
 OIL SLICKS
 POISONS
 POLLUTION MONITORING
 POLLUTION TRANSPORT
 RADIOACTIVE WASTES
 THERMAL POLLUTION
 WASTE DISPOSAL

ENVIRONMENT PROTECTION

GS PROTECTION
 . ENVIRONMENT PROTECTION
 RT AIR POLLUTION
 CENTRAL ATLANTIC REGIONAL ECOL
 TEST SITE
 EFFLUENTS
 ENVIRONMENTAL MONITORING
 POLLUTION
 RADIOACTIVE WASTES
 WASTE DISPOSAL
 WATER POLLUTION

ENVIRONMENT SIMULATION

GS SIMULATION
 . ENVIRONMENT SIMULATION
 . . ACOUSTIC SIMULATION

ENVIRONMENT SIMULATION--(cont.)

. . ALTITUDE SIMULATION
 . . SPACE ENVIRONMENT SIMULATION
 . . . WEIGHTLESSNESS SIMULATION
 NEUTRAL BUOYANCY SIMULATION
 . . THERMAL SIMULATION
 RT ATMOSPHERIC ENTRY SIMULATION
 ATMOSPHERIC MODELS
 ENVIRONMENTAL TESTS
 FLIGHT SIMULATION
 VIRTUAL REALITY

ENVIRONMENT SIMULATORS

GS SIMULATORS
 . ENVIRONMENT SIMULATORS
 . . LUNAR GRAVITY SIMULATOR
 . . SOLAR SIMULATORS
 . . SPACE SIMULATORS
 . . . HIGH VACUUM ORBITAL SIMULATOR
 . . . LANGLEY COMPLEX COORDINATOR
 RT TEST CHAMBERS

ENVIRONMENTAL CHAMBERS

USE TEST CHAMBERS

ENVIRONMENTAL CHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
 . AEROTHERMOCHEMISTRY
 . ATMOSPHERIC CHEMISTRY
 . GEOCHEMISTRY
 . . BIOGEOCHEMISTRY
 . . MARINE CHEMISTRY
 RT AIR POLLUTION
 ∞ CHEMISTRY
 CLIMATOLOGY
 HYDROCARBON FUELS
 PESTICIDES
 SMOG
 WASTE DISPOSAL
 WATER POLLUTION

ENVIRONMENTAL CONTROL

RT ANTISEPTICS
 ARTIFICIAL GRAVITY
 AUTOMATIC CONTROL
 BIOSATELLITES
 CABIN ATMOSPHERES
 CLEAN ROOMS
 ∞ CONTROL
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ENVIRONMENTS
 HABITABILITY
 MANNED REENTRY
 MANNED SPACECRAFT
 PRESSURIZED CABINS
 RESOURCES MANAGEMENT
 SPACECRAFT CABIN ATMOSPHERES
 SPACECRAFT ENVIRONMENTS
 TEMPERATURE CONTROL
 TEST CHAMBERS
 WEATHER MODIFICATION
 WINDSHIELDS

ENVIRONMENTAL ENGINEERING

RT ∞ AEROSPACE SCIENCES
 CLEAN ENERGY
 CLIMATOLOGY
 COMFORT
 ∞ ENGINEERING
 ENVIRONMENTS
 HEATING
 HUMAN FACTORS ENGINEERING
 ILLUMINATING
 LIFE SCIENCES
 LIFE SUPPORT SYSTEMS
 METEOROLOGY
 PHYSIOLOGICAL EFFECTS
 PSYCHOLOGICAL EFFECTS
 SHELTERS
 SPACE HEATING (BUILDINGS)
 STARSITE PROGRAM
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 TERRAFORMING
 VENTILATION
 WASTE DISPOSAL

ENVIRONMENTAL INDEX

RT PHYSIOLOGICAL TESTS

ENVIRONMENTAL LABORATORIES

GS LABORATORIES
 . ENVIRONMENTAL LABORATORIES
 TEST FACILITIES

ENVIRONMENTAL LABORATORIES--(cont.)

ENVIRONMENTAL LABORATORIES
RT HUMAN FACTORS LABORATORIES
TEST CHAMBERS

ENVIRONMENTAL MONITORING

RT AMBIENCE
ENVIRONMENT MANAGEMENT
ENVIRONMENT POLLUTION
ENVIRONMENT PROTECTION
INFRARED RADIOMETERS
METEOROLOGY
MONITORS
OCEANOGRAPHY
WEATHER FORECASTING

ENVIRONMENTAL QUALITY

GS QUALITY
ENVIRONMENTAL QUALITY
AIR QUALITY
WATER QUALITY
RT AIR POLLUTION
CONTAMINANTS
ENVIRONMENTS
GLOBAL AIR SAMPLING PROGRAM
MARINE BIOLOGY
NOISE POLLUTION
POLLUTION
THERMAL POLLUTION
WATER POLLUTION

ENVIRONMENTAL RESEARCH SATELLITES

UF OCTAHEDRAL RESEARCH SATELLITES
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
ENVIRONMENTAL RESEARCH
SATELLITES
ERS 17
ERS 18
INTASAT SATELLITE
RT ATLAS AGENA LAUNCH VEHICLES

ENVIRONMENTAL SURVEYS

SN (LIMITED TO INDEXING ENVIRONMENTAL
IMPACT STATEMENTS)
RT AEROSOLS
AIR POLLUTION
EARTH RESOURCES
ENVIRONMENT POLLUTION
HUMAN WASTES
METABOLIC WASTES
POISONS
POLLUTION
POLLUTION CONTROL
RADIOACTIVE WASTES
THERMAL POLLUTION
WASTE DISPOSAL
WATER POLLUTION

ENVIRONMENTAL TEMPERATURE

USE AMBIENT TEMPERATURE

ENVIRONMENTAL TESTS

GS ENVIRONMENTAL TESTS
COLD WEATHER TESTS
CORROSION TESTS
CORROSION TEST LOOPS
SALT SPRAY TESTS
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
UNDERWATER TESTS
NEUTRAL BUOYANCY SIMULATION
RT ASSET PROJECT
ELECTRONIC EQUIPMENT TESTS
ENVIRONMENT SIMULATION
HIGH ALTITUDE TESTS
MATERIALS TESTS
ORBITAL SPACE TESTS
PHYSIOLOGICAL TESTS
PSYCHOLOGICAL TESTS
REVERBERATION CHAMBERS
SPIN TESTS
TEST CHAMBERS
TESTS
THERMAL CYCLING TESTS
THERMAL VACUUM TESTS
VIBRATION TESTS

ENVIRONMENTS

GS ENVIRONMENTS
AEROSPACE ENVIRONMENTS
CISLUNAR SPACE
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE

ENVIRONMENTS--(cont.)

EARTH ORBITAL ENVIRONMENTS
EARTH ENVIRONMENT
EARTH MAGNETOSPHERE
GEOMAGNETIC TAIL
MAGNETOPAUSE
MAGNETOSHEATH
EXTRATERRESTRIAL ENVIRONMENTS
CISLUNAR SPACE
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE
EARTH ORBITAL ENVIRONMENTS
LUNAR ENVIRONMENT
LUNAR ATMOSPHERE
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
PLANETARY ATMOSPHERES
HELIUM HYDROGEN
ATMOSPHERES
JUPITER ATMOSPHERE
MARS ATMOSPHERE
MERCURY ATMOSPHERE
NEPTUNE ATMOSPHERE
PLANETARY IONOSPHERES
PLUTO ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE
VENUS CLOUDS
PLANETARY MAGNETOSPHERES
PLANETARY MAGNETOTAILS
SATELLITE ATMOSPHERES
LUNAR ATMOSPHERE
STELLAR ATMOSPHERES
CHROMOSPHERE
SOLAR ATMOSPHERE
SOLAR TRANSITION REGION
FRICTIONLESS ENVIRONMENTS
HETEROSPHERE
HIGH ALTITUDE ENVIRONMENTS
HIGH GRAVITY ENVIRONMENTS
HIGH TEMPERATURE ENVIRONMENTS
ICE ENVIRONMENTS
INNER RADIATION BELT
LOW TEMPERATURE ENVIRONMENTS
MARINE ENVIRONMENTS
MIDLATITUDE ATMOSPHERE
ROTATING ENVIRONMENTS
SPACECRAFT ENVIRONMENTS
THERMAL ENVIRONMENTS
RT ADIABATIC CONDITIONS
AIR
AIR POLLUTION
AIR QUALITY
AMBIENCE
ATMOSPHERES
COASTAL ECOLOGY
COASTAL PLAINS
CONTROLLED ATMOSPHERES
EARTH ATMOSPHERE
ECOLOGY
ECONOMIC IMPACT
ELECTROMAGNETIC INTERFERENCE
ENVIRONMENT EFFECTS
ENVIRONMENTAL CONTROL
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL QUALITY
GLOBAL AIR POLLUTION
GRAVITATION
HABITABILITY
HABITATS
HUMAN FACTORS ENGINEERING
HUMIDITY
LIFE SUPPORT SYSTEMS
NONPOINT SOURCES
PERFORMANCE
PHYSIOLOGICAL EFFECTS
PLANTS (BOTANY)
PRESSURE
PROGRAMMING ENVIRONMENTS
PSYCHOLOGICAL EFFECTS
REGIMES
TEMPERATURE
THERMAL POLLUTION
VACUUM EFFECTS
WEIGHTLESSNESS

ENZYME ACTIVITY

GS METABOLISM
ENZYME ACTIVITY
FERMENTATION
RT BIOCONVERSION
DIABETES MELLITUS
DIGESTIVE SYSTEM

ENZYME ACTIVITY--(cont.)

LYSOSOMES
TYROSINE

ENZYMES

GS BIOPOLYMERS
PROTEINS
ENZYMES
ALDOLASE
AMIDASE
CARBONIC ANHYDRASE
CATALASE
CHOLINESTERASE
CYTOCHROMES
HEXOKINASE
LYSOZYME
NUCLEASE
OXIDASE
PAPAIN
PEPSIN
PROTEASE
THROMBIN
TRYPSIN
ORGANIC COMPOUNDS
PROTEINS
ENZYMES
ALDOLASE
AMIDASE
CARBONIC ANHYDRASE
CATALASE
CHOLINESTERASE
CYTOCHROMES
HEXOKINASE
LYSOZYME
NUCLEASE
OXIDASE
PAPAIN
PEPSIN
PROTEASE
THROMBIN
TRYPSIN
RT ACTIVATION (BIOLOGY)
CATALYSTS
COENZYMES
ENZYMOLGY

ENZYMOLGY

GS BIOCHEMISTRY
ENZYMOLGY
RT DIGESTING
DIGESTIVE SYSTEM
ENZYMES
METABOLISM
NITROGEN METABOLISM

EOCR (REACTOR)

USE EXPERIMENTAL ORGANIC COOLED
REACTORS

EOGO

USE EGO

EOLE SATELLITES

GS ARTIFICIAL SATELLITES
FRENCH SATELLITES
EOLE SATELLITES
METEOROLOGICAL SATELLITES
EOLE SATELLITES
RT FRENCH SPACE PROGRAM
GEOLE SATELLITES
GEOPHYSICAL SATELLITES

EOPAP

USE EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM

EOR (RENDEZVOUS)

USE EARTH ORBITAL RENDEZVOUS

EOS

USE LANDSAT SATELLITES

EOS-A

USE LANDSAT E

EOS-B

USE LANDSAT F

EOSINOPHILS

GS CELLS (BIOLOGY)
BLOOD CELLS
LEUKOCYTES
EOSINOPHILS
RT CYTOPLASM

EPE-A

USE EXPLORER 12 SATELLITE

EPE-B

USE EXPLORER 14 SATELLITE

EPE-C

USE EXPLORER 15 SATELLITE

EPE-D

USE EXPLORER 26 SATELLITE

EPHEMERIDES

GS **EPHEMERIDES**
 . PLANET EPHEMERIDES
 RT ASTRONOMICAL CATALOGS
 CELESTIAL MECHANICS
 EPHEMERIS TIME
 ORBITS
 POSITION (LOCATION)

EPHEMERIS TIME

GS TIME
 . **EPHEMERIS TIME**
 RT EPHEMERIDES
 UNIVERSAL TIME

EPICARDIUM

GS ANATOMY
 . CIRCULATORY SYSTEM
 . . CARDIOVASCULAR SYSTEM
 . . . HEART
 **EPICARDIUM**
 MEMBRANES
 . **EPICARDIUM**
 TISSUES (BIOLOGY)
 . **EPICARDIUM**

EPICYCLOIDS

GS GEOMETRY
 . CURVES (GEOMETRY)
 . . **EPICYCLOIDS**
 . . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . **EPICYCLOIDS**
 RT CUSPS (MATHEMATICS)

EPIDEMIOLOGY

GS MEDICAL SCIENCE
 . **EPIDEMIOLOGY**
 RT INFECTIOUS DISEASES
 VACCINES
 VETERINARY MEDICINE

EPIDERMIS

GS ANATOMY
 . SKIN (ANATOMY)
 . . **EPIDERMIS**
 RT CONTACT DERMATITIS

EPILEPSY

GS DISEASES
 . **EPILEPSY**
 RT CRAMPS
 HUMAN PATHOLOGY
 SHAKING

EPINEPHRINE

UF ADRENALINE
 GS AMINES
 . CATECHOLAMINE
 . . **EPINEPHRINE**
 . . . NOREPINEPHRINE
 DRUGS
 . **EPINEPHRINE**
 . . NOREPINEPHRINE
 RT ADRENAL GLAND
 HEART RATE
 STIMULANTS

EPITAXY

GS GROWTH
 . CRYSTAL GROWTH
 . . **EPITAXY**
 . . . ELECTROEPITAXY
 . . . LIQUID PHASE EPITAXY
 . . . MOLECULAR BEAM EPITAXY
 . . . VAPOR PHASE EPITAXY
 RT BIPOLAR TRANSISTORS
 CRYSTAL LATTICES
 CRYSTAL STRUCTURE
 JUNCTION TRANSISTORS
 LASER DEPOSITION
 PULSED LASER DEPOSITION

EPITHELIUM

GS TISSUES (BIOLOGY)
EPITHELIUM
 RT ANATOMY
 HISTOLOGY
 PERITONEUM
 SKIN (ANATOMY)

EPNL

USE EFFECTIVE PERCEIVED NOISE LEVELS

EPOCHS

USE TIME MEASUREMENT

EPOXIDATION

GS CHEMICAL REACTIONS
 . **EPOXIDATION**
 RT OXIDATION

EPOXIDES

USE EPOXY COMPOUNDS

EPOXY COMPOUNDS

UF EPOXIDES
 GS **EPOXY COMPOUNDS**
 . ENDRIN
 . ETHYLENE OXIDE
 . HYOSCINE
 . PROPYLENE OXIDE
 RT ∞ CHEMICAL COMPOUNDS
 ETHERS

EPOXY MATRIX COMPOSITES

GS COMPOSITE MATERIALS
 . POLYMER MATRIX COMPOSITES
 . . **EPOXY MATRIX COMPOSITES**
 . . . BORON-EPOXY COMPOSITES
 RT ARAMID FIBER COMPOSITES
 ARAMID FIBERS
 BRAIDED COMPOSITES
 FIBER ORIENTATION
 LOW DENSITY RESEARCH
 ∞ MATERIALS
 ∞ MATRICES
 MATRIX MATERIALS
 PULTRUSION
 SANDWICH STRUCTURES
 WOVEN COMPOSITES

EPOXY RESINS

GS PLASTICS
 . SYNTHETIC RESINS
 . . THERMOSETTING RESINS
 . . . **EPOXY RESINS**
 PHENOLIC EPOXY RESINS
 RESINS
 . SYNTHETIC RESINS
 . . THERMOSETTING RESINS
 . . . **EPOXY RESINS**
 PHENOLIC EPOXY RESINS
 RT ADHESIVES
 BORON REINFORCED MATERIALS
 BORON-EPOXY COMPOSITES
 COATINGS
 GLASS TRANSITION TEMPERATURE
 GRAPHITE-EPOXY COMPOSITES
 LAY-UP
 PREPREGS
 RESIN MATRIX COMPOSITES

EQUALIZERS (CIRCUITS)

RT ATTENUATORS
 ∞ FREQUENCY RESPONSE
 PHASE SHIFT
 SIGNAL PROCESSING

 ∞ **EQUATIONS**

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF BALANCE EQUATIONS
 FORCED VIBRATORY MOTION
 EQUATIONS
 RT ADIABATIC EQUATIONS
 APPROXIMATION
 BERNOULLI THEOREM
 BETHE-SALPETER EQUATION
 BIHARMONIC EQUATIONS
 BLASIUS EQUATION
 BOLTZMANN TRANSPORT EQUATION
 BOLTZMANN-VLASOV EQUATION
 BORN APPROXIMATION
 BOUNDARY LAYER EQUATIONS
 BRILLOUIN-WIGNER EQUATION

EQUATIONS--(cont.)

BURGER EQUATION
 CAUCHY-RIEMANN EQUATIONS
 CHANDRASEKHAR EQUATION
 CHAPLYGIN EQUATION
 CONSERVATION EQUATIONS
 CONSTITUTIVE EQUATIONS
 CONTINUITY EQUATION
 CONVECTION-DIFFUSION EQUATION
 CUBIC EQUATIONS
 DIFFERENCE EQUATIONS
 DIFFERENTIAL EQUATIONS
 DIOPHANTINE EQUATION
 DIRAC EQUATION
 DONNELL EQUATIONS
 DUFFING DIFFERENTIAL EQUATION
 EIKONAL EQUATION
 EINSTEIN EQUATIONS
 ELBER EQUATION
 ELLIPTIC DIFFERENTIAL EQUATIONS
 EQUATIONS OF MOTION
 EQUATIONS OF STATE
 EQUILIBRIUM EQUATIONS
 EULER EQUATIONS OF MOTION
 EULER-CAUCHY EQUATIONS
 EULER-LAGRANGE EQUATION
 EULER-LAMBERT EQUATION
 FADDEEV EQUATIONS
 FALKNER-SKAN EQUATION
 FICKS EQUATION
 FLOW EQUATIONS
 FOKKER-PLANCK EQUATION
 FREDHOLM EQUATIONS
 GAUSS EQUATION
 GIBBS ADSORPTION EQUATION
 ∞ GIBBS EQUATIONS
 GIBBS-HELMHOLTZ EQUATIONS
 GLIMM METHOD
 HAMILTON-JACOBI EQUATION
 ∞ HELMHOLTZ EQUATIONS
 HELMHOLTZ VORTICITY EQUATION
 HUGONIOT EQUATION OF STATE
 HYDRODYNAMIC EQUATIONS
 HYPERBOLIC DIFFERENTIAL EQUATIONS
 IDENTITIES
 INHOUR EQUATION
 INTEGRAL EQUATIONS
 KINEMATIC EQUATIONS
 KINETIC EQUATIONS
 KLEIN-GORDON EQUATION
 KORTEWEG-DEVRIES EQUATION
 KROOK EQUATION
 LAME WAVE EQUATIONS
 LANDAU-GINZBURG EQUATIONS
 LAPLACE EQUATION
 LINEAR EQUATIONS
 LINEAR EVOLUTION EQUATIONS
 LINEARIZATION
 LIOUVILLE EQUATIONS
 MACROSCOPIC EQUATIONS
 MATHIEU FUNCTION
 MAXWELL EQUATION
 MONGE-AMPERE EQUATION
 NAVIER-STOKES EQUATION
 NONHOLONOMIC EQUATIONS
 NONLINEAR EQUATIONS
 NONLINEAR EVOLUTION EQUATIONS
 ORR-SOMMERFELD EQUATIONS
 PARABOLIC DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 PFAFF EQUATION
 POISSON EQUATION
 POLYNOMIALS
 PRIMITIVE EQUATIONS
 QUADRATIC EQUATIONS
 QUARTIC EQUATIONS
 RAYLEIGH EQUATIONS
 REYNOLDS EQUATION
 ROOTS OF EQUATIONS
 SAHA EQUATIONS
 SCHROEDINGER EQUATION
 SEMIEMPIRICAL EQUATIONS
 SHALLOW SHELL EQUATIONS
 SIMULTANEOUS EQUATIONS
 SINGULAR INTEGRAL EQUATIONS
 STOKES-BELTRAMI EQUATION
 THERMODYNAMICS
 VLASOV EQUATIONS
 VOLTERRA EQUATIONS
 VON KARMAN EQUATION
 VORTICITY EQUATIONS
 WAVE EQUATIONS
 WIENER HOPF EQUATIONS

EQUATIONS OF MOTION

UF MOTION EQUATIONS

EQUATIONS OF MOTION--(cont.)

- GS **EQUATIONS OF MOTION**
 . EULER EQUATIONS OF MOTION
 . EULER-LAGRANGE EQUATION
 . KINETIC EQUATIONS
 . . . HYDRODYNAMIC EQUATIONS
 . . . HELMHOLTZ VORTICITY EQUATION
 . KINEMATIC EQUATIONS
 . NAVIER-STOKES EQUATION
 . REYNOLDS EQUATION
- RT AUTONOMY
 BETHE-SALPETER EQUATION
 CELESTIAL MECHANICS
 CLASSICAL MECHANICS
 COMPUTATIONAL FLUID DYNAMICS
 CONTINUITY EQUATION
 CONTROL MOMENT GYROSCOPES
- ∞ DYNAMICS
 EINSTEIN EQUATIONS
- ∞ EQUATIONS
 EQUILIBRIUM EQUATIONS
 HAMILTON-JACOBI EQUATION
 INERTIA PRINCIPLE
 KINEMATICS
 LISSAJOUS FIGURES
 MACH INERTIA PRINCIPLE
 MOMENTS OF INERTIA
 MOTION AFTEREFFECTS
 SPINNING UNGUIDED ROCKET
 TRAJECTORY
 STABILITY
 SYSTEMS STABILITY
 TRAJECTORIES
 TRAJECTORY ANALYSIS
 VARIABLE MASS SYSTEMS
 VON ZEIPPEL METHOD

EQUATIONS OF STATE

- UF STATE EQUATIONS
- GS **EQUATIONS OF STATE**
 . HUGONIOT EQUATION OF STATE
- RT ADIABATIC EQUATIONS
 BBGKY HIERARCHY
 BOSE GEOMETRY
 COMPRESSIBILITY
 CONTINUITY EQUATION
- ∞ EQUATIONS
 EQUILIBRIUM EQUATIONS
 IDEAL FLUIDS
 IDEAL GAS
 KINETIC THEORY
 MOLLIER DIAGRAM
 REAL GASES
 THERMODYNAMICS
 VIRIAL COEFFICIENTS

EQUATORIAL ATMOSPHERE

- RT ∞ ATMOSPHERES
 . ATMOSPHERIC COMPOSITION
 . METEOROLOGICAL PARAMETERS
 . MIDDLE ATMOSPHERE
 . TROPICAL METEOROLOGY
 . TROPICAL REGIONS

EQUATORIAL ELECTROJET

- GS ELECTRIC CURRENT
 . IONOSPHERIC CURRENTS
 . . . ELECTROJETS
 . . . **EQUATORIAL ELECTROJET**
 . ELECTRICITY
 . ATMOSPHERIC ELECTRICITY
 . . IONOSPHERIC CURRENTS
 . . . ELECTROJETS
 **EQUATORIAL ELECTROJET**
- RT AURORAL ELECTROJETS

EQUATORIAL ORBITS

- GS ORBITS
 . **EQUATORIAL ORBITS**
 . . STATIONARY ORBITS
- RT CIRCULAR ORBITS
 EARTH ORBITS
 ELLIPTICAL ORBITS
 GEOSYNCHRONOUS ORBITS
 LUNAR ORBITS
 ORBITAL MECHANICS
 PLANETARY ORBITS
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 TWENTY-FOUR HOUR ORBITS

EQUATORIAL REGIONS

- GS REGIONS
 . **EQUATORIAL REGIONS**

EQUATORIAL REGIONS--(cont.)

- RT ARID LANDS
 EARTH SURFACE
 TROPICAL REGIONS

EQUATORS

- GS **EQUATORS**
 . LUNAR EQUATOR
 . MAGNETIC EQUATOR
- RT COORDINATES
 ROTATING SPHERES
 TRANSEQUATORIAL PROPAGATION

∞ EQUILIBRIUM

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACID-BASE EQUILIBRIUM
 AEROSTATICS
 BALANCE
 BALANCING
 BODY SWAY TEST
 CHEMICAL EQUILIBRIUM
 DIFFUSION
 DIFFUSION COEFFICIENT
 DYNAMIC CHARACTERISTICS
 EQUILIBRIUM EQUATIONS
 HEAT OF DISSOCIATION
 HOMEOSTASIS
 ISOSTASY
 LIQUID-VAPOR EQUILIBRIUM
 LOADS (FORCES)
 MAXWELL-MOHR METHOD
 NONEQUILIBRIUM CONDITIONS
 ONSAGER RELATIONSHIP
 PLASMA EQUILIBRIUM
 RELAXATION (MECHANICS)
 RELAXATION TIME
 STABILITY
 STABILIZATION
 STATICS
 STEADY STATE
 SYSTEMS STABILITY
 THERMODYNAMIC EQUILIBRIUM
 THERMODYNAMIC PROPERTIES
 THERMODYNAMICS
 TRANSITION POINTS
 UNSTEADY STATE
 VARIABILITY
 WATER BALANCE

EQUILIBRIUM DIAGRAMS

- USE PHASE DIAGRAMS

EQUILIBRIUM EQUATIONS

- RT ANALYSIS (MATHEMATICS)
- ∞ EQUATIONS
 . EQUATIONS OF MOTION
 . EQUATIONS OF STATE
 . ∞ EQUILIBRIUM

EQUILIBRIUM FLOW

- UF STEADY STATE FLOW
- GS FLUID FLOW
 . GAS FLOW
 . . **EQUILIBRIUM FLOW**
 . . . FROZEN EQUILIBRIUM FLOW
 . . . SHIFTING EQUILIBRIUM FLOW
- RT EYRING THEORY
 HEAT TRANSMISSION
 NONEQUILIBRIUM FLOW
 PLASMA EQUILIBRIUM
 QUASI-STEADY STATES
 STEADY FLOW

EQUILIBRIUM METHODS

- SN (LIMITED TO STRUCTURAL ANALYSIS)
- GS STRUCTURAL ANALYSIS
 . **EQUILIBRIUM METHODS**
- RT MATRIX METHODS
- ∞ METHODOLOGY
 . VARIATIONAL PRINCIPLES

EQUINOXES

- RT SEASONS
 SOLAR POSITION
 SOLSTICES
 WINTER

EQUIPARTITION THEOREM

- UF ENERGY EQUIPARTITION
- GS THEOREMS
 . **EQUIPARTITION THEOREM**
- RT DEGREES OF FREEDOM
 ENERGY DISTRIBUTION

EQUIPARTITION THEOREM--(cont.)

- KINETIC ENERGY
 SPECIFIC HEAT

∞ EQUIPMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF APPARATUS
- RT ABORT APPARATUS
 ABSORBERS (EQUIPMENT)
 ACCUMULATORS (COMPUTERS)
 AIR CONDITIONING EQUIPMENT
 AIRBORNE EQUIPMENT
 AIRCRAFT EQUIPMENT
 AIRPORT SURFACE DETECTION EQUIPMENT
 AUDIO EQUIPMENT
 AUTOMATIC TEST EQUIPMENT
 BEDDING EQUIPMENT
 BOMBING EQUIPMENT
 BREATHING APPARATUS
 COMMUNICATION EQUIPMENT
 COMPUTER STORAGE DEVICES
 CONSOLES
 CRYOGENIC COMPUTER STORAGE
 CRYOGENIC EQUIPMENT
 DATA PROCESSING EQUIPMENT
 DISTILLATION EQUIPMENT
 ELECTROMECHANICAL DEVICES
 ELECTRONIC EQUIPMENT
 GROUND SUPPORT EQUIPMENT
 HANDLING EQUIPMENT
 HARDWARE
 HEATING EQUIPMENT
 HYDRAULIC EQUIPMENT
 LABORATORY EQUIPMENT
 LIGHTING EQUIPMENT
 LUNAR BASED EQUIPMENT
 LUNAR EXCAVATION EQUIPMENT
 MECHANICAL DEVICES
 MEDICAL EQUIPMENT
 MINIATURE ELECTRONIC EQUIPMENT
 ONBOARD EQUIPMENT
 PERIPHERAL EQUIPMENT (COMPUTERS)
 PHOTOGRAPHIC EQUIPMENT
 PNEUMATIC EQUIPMENT
 PORTABLE EQUIPMENT
 RADAR EQUIPMENT
 RIGGING
 SAFETY DEVICES
 SELF-ERECTING DEVICES
 SERVICE LIFE
 SPACECRAFT EQUIPMENT
 SURVIVAL EQUIPMENT
 SYRINGES
 TELEVISION EQUIPMENT
- ∞ TEST EQUIPMENT
 . WIND TUNNEL APPARATUS
 . X-RAY APPARATUS

EQUIPMENT SPECIFICATIONS

- GS SPECIFICATIONS
 . **EQUIPMENT SPECIFICATIONS**
- RT AIRCRAFT PRODUCTION
 COMMONALITY
- ∞ DESIGN
 . DYNAMIC RANGE
 . FUNCTIONAL DESIGN SPECIFICATIONS
 . MAINTENANCE
 . PROCUREMENT

EQUIPOTENTIALS

- GS FLUID FLOW
 . POTENTIAL FLOW
 . . **EQUIPOTENTIALS**
- RT ∞ FLOW GRAPHS
 . FLOW NETS

EQUIVALENCE

- GS MATHEMATICAL LOGIC
 . SET THEORY
 . . **EQUIVALENCE**
- RT PARITY
 PARTITIONS (MATHEMATICS)

EQUIVALENT CIRCUITS

- GS CIRCUITS
 . **EQUIVALENT CIRCUITS**
- RT DUALITY PRINCIPLE
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 SUPERPOSITION (MATHEMATICS)

ER FLUIDS

USE ELECTORRHEOLOGICAL FLUIDS

ERBE

USE EARTH RADIATION BUDGET
EXPERIMENT

ERBIUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. **ERBIUM**
. . . ERBIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. **ERBIUM**
. . . ERBIUM ISOTOPES

ERBIUM ALLOYS

GS ALLOYS
. RARE EARTH ALLOYS
. **ERBIUM ALLOYS**

ERBIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
. **ERBIUM COMPOUNDS**
RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

ERBIUM ISOTOPES

UF ERBIUM 169
ERBIUM 171
GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. . . **ERBIUM ISOTOPES**
. RARE EARTH ELEMENTS
. **ERBIUM**
. . . **ERBIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. **ERBIUM**
. . . **ERBIUM ISOTOPES**

ERBIUM 169

USE ERBIUM ISOTOPES

ERBIUM 171

USE ERBIUM ISOTOPES

ERECTION

USE CONSTRUCTION

EREP

UF EARTH RESOURCES EXPERIMENT
PACKAGE
GS PACKAGES
. INSTRUMENT PACKAGES
. **EREP**
RT ∞ INSTRUMENTS
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4

ERGODIC PROCESS

RT INFORMATION THEORY
PROBABILITY THEORY
STOCHASTIC PROCESSES
THERMODYNAMICS

ERGOMETERS

GS MEASURING INSTRUMENTS
. **ERGOMETERS**
RT DYNAMOMETERS

ERGONOMICS

USE HUMAN FACTORS ENGINEERING

ERGOTAMINE

GS AMINES
. **ERGOTAMINE**
BASES (CHEMICAL)
. ALKALOIDS
. **ERGOTAMINE**
DRUGS
. **ERGOTAMINE**
NITROGEN COMPOUNDS
. ALKALOIDS
. **ERGOTAMINE**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. . . HETEROCYCLIC COMPOUNDS
. . . ALKALOIDS
. . . **ERGOTAMINE**

EROS (SATELLITES)

UF EARTH RESOURCES OBSERVATION
SATELLITES
GS ARTIFICIAL SATELLITES
. **EROS (SATELLITES)**
RT EARTH RESOURCES
OCEANOGRAPHY
REMOTE SENSORS
SATELLITE OBSERVATION
SCANNING
TERRAIN ANALYSIS

EROS PROJECT

USE EXPERIMENTAL REFLECTOR ORBITAL
SHOT PROJ

EROSION

UF SCARS (GEOLOGY)
GS **EROSION**
. RAIN EROSION
. SOIL EROSION
. WATER EROSION
. WIND EROSION
RT ABLATION
ABRASION
ARROYOS
ATMOSPHERIC EFFECTS
CAVITATION CORROSION
CAVITATION FLOW
CORROSION
DEGRADATION
DETERIORATION
EROSIVE BURNING
ETCHING
FRETTING
HOT CORROSION
HYDROGEOLOGY
IMPINGEMENT
INLIERS (LANDFORMS)
METAL SURFACES
METAL-WATER REACTIONS
PITTING
PLATEAUS
RAIN IMPACT DAMAGE
RAVINES
RIVERS
SOIL SCIENCE
SPARK MACHINING
SURFACE REACTIONS
TRIBOLOGY
VALLEYS
WAVE RESISTANCE
WEAR
WEAR TESTS
WEATHERING
WIND EFFECTS

EROSIVE BURNING

GS COMBUSTION
. **EROSIVE BURNING**
RT BURNOUT
COMBUSTION TEMPERATURE
DETERIORATION
EROSION
EXHAUST GASES
FUEL COMBUSTION
HYPERSONIC COMBUSTION
OXIDATION
PITTING
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
TRIBOLOGY

ERROR ANALYSIS

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. **ERROR ANALYSIS**
RT ∞ ANALYZING
 ∞ APPLICATIONS OF MATHEMATICS
BIT ERROR RATE
BORESIGHT ERROR
CENSORED DATA (MATHEMATICS)
FAULT TOLERANCE
MEAN SQUARE VALUES
PROBABILITY THEORY
RANGE ERRORS
RAYLEIGH DISTRIBUTION
ROOT-MEAN-SQUARE ERRORS

ERROR BAND

USE ACCURACY

ERROR CORRECTING CODES

GS **ERROR CORRECTING CODES**
. REED-SOLOMON CODES

ERROR CORRECTING CODES--(cont.)

RT AUTOMATIC REPEAT REQUEST
BIT ERROR RATE
 ∞ CODES
CONCATENATED CODES
DIGITAL TECHNIQUES
REDUNDANCY ENCODING

ERROR CORRECTING DEVICES

RT BCH CODES
CORRECTION
 ∞ DEVICES
INSTRUMENT COMPENSATION
REDUNDANCY ENCODING

ERROR DETECTION CODES

RT BIT ERROR RATE
 ∞ CODES
CODING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DIGITAL TECHNIQUES
FAULT DETECTION
FAULT TOLERANCE
INFORMATION THEORY
PARITY
PROVING
QUALITY CONTROL
REDUNDANCY
REDUNDANCY ENCODING

ERROR FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
. **ERROR FUNCTIONS**
RT STATISTICAL DISTRIBUTIONS

ERROR SIGNALS

RT AUTOMATIC REPEAT REQUEST
BIT ERROR RATE
COMPARATORS
COMPENSATORS
DIFFERENTIAL AMPLIFIERS
DISCRIMINATORS
ERRORS
FALSE ALARMS
LOOP TRANSFER RECOVERY
PHASE ERROR
POSITION ERRORS
RANGE ERRORS
SIGNAL MIXING
 ∞ SIGNALS
SLEWING

ERRORS

UF INVALIDITY
GS **ERRORS**
. INSTRUMENT ERRORS
. PHASE ERROR
. PILOT ERROR
. POSITION ERRORS
. . . BORESIGHT ERROR
. RANDOM ERRORS
. RANGE ERRORS
. ROOT-MEAN-SQUARE ERRORS
. TRUNCATION ERRORS
. VELOCITY ERRORS
RT ACCURACY
BIAS
 ∞ COMPENSATION
COMPUTER PROGRAM INTEGRITY
CONFIDENCE
CONSISTENCY
CORRECTION
DRIFT (INSTRUMENTATION)
DYNAMIC CHARACTERISTICS
ERROR SIGNALS
HYSTERESIS
LINEARITY
MALFUNCTIONS
MEDIAN (STATISTICS)
OPTICAL CORRECTION PROCEDURE
PRECISION
QUALITY CONTROL
RANGE (EXTREMES)
RELIABILITY
RESOLUTION
RESPONSE BIAS
 ∞ SCALING
 ∞ TESTS
TOLERANCES (MECHANICS)

ERS 17

GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES

ERS 17--(cont.)

.. ENVIRONMENTAL RESEARCH
SATELLITES
... **ERS 17**
RT ATLAS AGENA LAUNCH VEHICLES

ERS 18

GS ARTIFICIAL SATELLITES
.. SCIENTIFIC SATELLITES
.. ENVIRONMENTAL RESEARCH
SATELLITES
... **ERS 18**
RT ATLAS AGENA LAUNCH VEHICLES

ERS-1 (ESA SATELLITE)

GS ARTIFICIAL SATELLITES
.. ESA SATELLITES
... **ERS-1 (ESA SATELLITE)**
.. MARITIME SATELLITES
... **ERS-1 (ESA SATELLITE)**
ESA SPACECRAFT
.. ESA SATELLITES
... **ERS-1 (ESA SATELLITE)**
RT EUROPEAN SPACE AGENCY

ERTS

USE LANDSAT SATELLITES

ERTS-A

USE LANDSAT 1

ERTS-B

USE LANDSAT 2

ERTS-C

USE LANDSAT 3

ERTS-D

USE LANDSAT 4

ERTS-E

USE LANDSAT E

ERTS-F

USE LANDSAT F

ERYTHROCYTES

UF RED BLOOD CELLS
GS CELLS (BIOLOGY)
.. BLOOD CELLS
... **ERYTHROCYTES**
... RETICULOCYTES
RT BONE MARROW
CARBOXYHEMOGLOBIN
HEMATOCRIT
HEMATOCRIT RATIO
HEMOGLOBIN
HEMOLYSIS
LEUKOCYTES
OXYHEMOGLOBIN

ESA

USE EUROPEAN SPACE AGENCY

ESA SATELLITES

SN (EUROPEAN SPACE AGENCY
SATELLITES)
UF ESRO SATELLITES
EUROPEAN SPACE RESEARCH
ORGANIZATION SAT
GS ARTIFICIAL SATELLITES
.. **ESA SATELLITES**
.. AEROSAT SATELLITES
.. COS-B SATELLITE
.. ERS-1 (ESA SATELLITE)
.. ESRO 1 SATELLITE
.. ESRO 2 SATELLITE
.. ESRO 4 SATELLITE
.. EUROPEAN COMMUNICATIONS
SATELLITE
.. EXOSAT SATELLITE
.. GEOS SATELLITES (ESA)
.. HEOS SATELLITES
... HEOS A SATELLITE
... HEOS B SATELLITE
.. HIPPARCOS SATELLITE
.. INFRARED SPACE OBSERVATORY
(ISO)
.. L-SAT
.. MAGELLAN ULTRAVIOLET
ASTRONOMY SATELLITE
.. MARECS MARITIME SATELLITES
.. MAROTS (ESA)
.. METEOSAT SATELLITE

ESA SATELLITES--(cont.)

.. OTS (ESA)
.. TD SATELLITES
... TD-1 SATELLITE
ESA SPACECRAFT
.. **ESA SATELLITES**
.. AEROSAT SATELLITES
.. COS-B SATELLITE
.. ERS-1 (ESA SATELLITE)
.. ESRO 1 SATELLITE
.. ESRO 2 SATELLITE
.. ESRO 4 SATELLITE
.. EUROPEAN COMMUNICATIONS
SATELLITE
.. EXOSAT SATELLITE
.. GEOS SATELLITES (ESA)
.. HEOS SATELLITES
... HEOS A SATELLITE
... HEOS B SATELLITE
.. HIPPARCOS SATELLITE
.. INFRARED SPACE OBSERVATORY
(ISO)
.. L-SAT
.. MAGELLAN ULTRAVIOLET
ASTRONOMY SATELLITE
.. MARECS MARITIME SATELLITES
.. MAROTS (ESA)
.. METEOSAT SATELLITE
.. OTS (ESA)
.. TD SATELLITES
... TD-1 SATELLITE
RT EARTHNET
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
INTERNATIONAL COOPERATION
SOHO MISSION

ESA SPACECRAFT

GS **ESA SPACECRAFT**
.. COLUMBUS SPACE STATION
.. ESA SATELLITES
.. AEROSAT SATELLITES
.. COS-B SATELLITE
.. ERS-1 (ESA SATELLITE)
.. ESRO 1 SATELLITE
.. ESRO 2 SATELLITE
.. ESRO 4 SATELLITE
.. EUROPEAN COMMUNICATIONS
SATELLITE
.. EXOSAT SATELLITE
.. GEOS SATELLITES (ESA)
.. HEOS SATELLITES
... HEOS A SATELLITE
... HEOS B SATELLITE
.. HIPPARCOS SATELLITE
.. INFRARED SPACE OBSERVATORY
(ISO)
.. L-SAT
.. MAGELLAN ULTRAVIOLET
ASTRONOMY SATELLITE
.. MARECS MARITIME SATELLITES
.. MAROTS (ESA)
.. METEOSAT SATELLITE
.. OTS (ESA)
.. TD SATELLITES
... TD-1 SATELLITE
.. GIOTTO MISSION
RT ∞ SPACECRAFT

ESAKI DIODES

USE TUNNEL DIODES

ESCALATORS

RT ELEVATORS (LIFTS)
LADDERS
∞ LIFTS
STAIRWAYS

∞ ESCAPE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ESCAPE (ABANDONMENT)
ESCAPE CAPSULES
ESCAPE ROCKETS
ESCAPE SYSTEMS
ESCAPE VELOCITY
LEAKAGE

ESCAPE (ABANDONMENT)

RT BAILOUT
EJECTION
EJECTION TRAINING
ENTRAPMENT
∞ ESCAPE

ESCAPE (ABANDONMENT)--(cont.)

ESCAPE ROCKETS
ESCAPE SYSTEMS
JETTISON SYSTEMS
JETTISONING
PARACHUTE DESCENT

ESCAPE CAPSULES

GS SAFETY DEVICES
.. **ESCAPE CAPSULES**
SPACE CAPSULES
.. **ESCAPE CAPSULES**
RT ABORT APPARATUS
ABORTED MISSIONS
EJECTION SEATS
EMERGENCY LIFE SUSTAINING
SYSTEMS
∞ ESCAPE
FLYING EJECTION SEATS
HIGH ALTITUDE ENVIRONMENTS
LAUNCH ESCAPE SYSTEMS
LUNAR ESCAPE DEVICES
PARACONE
PRESSURIZED CABINS

ESCAPE ROCKETS

GS SAFETY DEVICES
.. **ESCAPE ROCKETS**
RT ABORT APPARATUS
ABORTED MISSIONS
∞ ESCAPE
ESCAPE (ABANDONMENT)
LAUNCH ESCAPE SYSTEMS
LUNAR ESCAPE DEVICES
∞ ROCKETS
∞ SPACECRAFT

ESCAPE SYSTEMS

GS **ESCAPE SYSTEMS**
.. LAUNCH ESCAPE SYSTEMS
RT BAILOUT
EJECTION
EJECTION SEATS
∞ ESCAPE
ESCAPE (ABANDONMENT)
JETTISON SYSTEMS
PARACONE
SAFETY FACTORS
∞ SYSTEMS

ESCAPE VELOCITY

UF PARABOLIC VELOCITY
GS RATES (PER TIME)
.. **ESCAPE VELOCITY**
VELOCITY
.. **ESCAPE VELOCITY**
RT ∞ ESCAPE
HIGH SPEED
HYPERBOLIC TRAJECTORIES
∞ HYPERVELOCITY
ORBITAL VELOCITY
PLANETARY GRAVITATION
SCHWARZSCHILD METRIC
VELOCITY ERRORS

ESCARPMENTS

UF SCARPS
GS LANDFORMS
.. **ESCARPMENTS**
RT CLIFFS
SLOPES
TOPOGRAPHY

ESCHERICHIA

GS MICROORGANISMS
.. BACTERIA
... **ESCHERICHIA**

ESG (GYROSCOPES)

USE ELECTROSTATIC GYROSCOPES

ESKERS

USE GLACIAL DRIFT

ESKIMOS

RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)

ESOPHAGUS

GS ANATOMY
.. DIGESTIVE SYSTEM
... **ESOPHAGUS**

ESRO
 USE EUROPEAN SPACE AGENCY

ESRO SATELLITES
 USE ESA SATELLITES

ESRO 1 SATELLITE
 GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . . **ESRO 1 SATELLITE**
 ESA SPACECRAFT
 . ESA SATELLITES
 . . **ESRO 1 SATELLITE**
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 RT

ESRO 2 SATELLITE
 GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . . **ESRO 2 SATELLITE**
 ESA SPACECRAFT
 . ESA SATELLITES
 . . **ESRO 2 SATELLITE**
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 RT

ESRO 4 SATELLITE
 GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . . **ESRO 4 SATELLITE**
 ESA SPACECRAFT
 . ESA SATELLITES
 . . **ESRO 4 SATELLITE**
 AURORAS
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 PARTICLE DENSITY (CONCENTRATION)
 SCIENTIFIC SATELLITES
 RT

ESSA SATELLITES
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . **ESSA SATELLITES**
 . . . ESSA 1 SATELLITE
 . . . ESSA 2 SATELLITE
 . . . ESSA 3 SATELLITE
 . . . ESSA 4 SATELLITE
 . . . ESSA 5 SATELLITE
 . . . ESSA 6 SATELLITE
 . . . ESSA 7 SATELLITE
 . . . ESSA 8 SATELLITE
 . . . ESSA 9 SATELLITE
 RT CLOUD PHOTOGRAPHY
 NIMBUS SATELLITES
 SATELLITE OBSERVATION
 TIROS SATELLITES

ESSA 1 SATELLITE
 UF OT-3
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 1 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 2 SATELLITE
 UF OT-2
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 2 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 3 SATELLITE
 UF TOS-A
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 3 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 4 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 4 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 5 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 5 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 6 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 6 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 7 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 7 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 8 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 8 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSA 9 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . ESSA SATELLITES
 . . . **ESSA 9 SATELLITE**
 RT DELTA LAUNCH VEHICLE

ESSENTIALLY NON-OSCILLATORY SCHEMES
 UF ENO SCHEMES
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **ESSENTIALLY NON-OSCILLATORY SCHEMES**
 RT FINITE DIFFERENCE THEORY
 HYPERBOLIC DIFFERENTIAL EQUATIONS
 TVD SCHEMES

ESTERS
 GS **ESTERS**
 . ACRYLATES
 . ALKYLATES
 . ASPARTATES
 . CARBAMATES (TRADENAME)
 . URETHANES
 . CARBOXYLATES
 . CHLOROFORMATE
 . COBALT ACETATES
 . CYANURATES
 . GLUTAMATES
 . GLYCERIDES
 . ISOCYANATES
 . DIISOCYANATES
 . FULMINATES
 . LACTATES
 . LEAD ACETATES
 . MALEATES
 . MEPROBAMATE
 . NITRATE ESTERS
 . . ISOPROPYL NITRATE
 . . PROPYL NITRATE
 . OCTOATES
 . ORGANIC NITRATES
 . . CELLULOSE NITRATE
 . . NITROFORMS
 . . . HYDRAZINE NITROFORM
 . . NITROGLYCERIN
 . . PETN
 . PHTHALATES
 . POLYCARBONATES
 . . LEXAN (TRADEMARK)
 . POLYESTERS
 . POLYETHYLENE TEREPHTHALATE
 . SODIUM CHLORODIFLUOROACETATES
 . SODIUM SALICYLATES
 . STEARATES
 . SULFONATES
 . TRIACETIN
 ACETATES
 ACETYL COMPOUNDS
 CITRATES
 CYANATES
 LIPIDS
 NITROSYLS
 ORGANIC COMPOUNDS
 PLASTICIZERS
 SALICYLATES
 SKYDROL (TRADEMARK)
 RT

ESTIMATES--(cont.)
 CONFIDENCE LIMITS
 CONTINGENCY
 CONTRACTS
 DAMAGE ASSESSMENT
 ESTIMATING
 EVALUATION
 FORECASTING
 LIKELIHOOD RATIO
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 NOISE PREDICTION (AIRCRAFT)
 PARAMETER IDENTIFICATION
 PREDICTIONS
 PRODUCTION MANAGEMENT
 PROJECT PLANNING
 QUALITY CONTROL
 RELIABILITY
 RESERVES
 RISK
 STATISTICAL ANALYSIS
 STATISTICAL TESTS
 ∞ STATISTICS
 SUBCONTRACTS
 SYSTEM IDENTIFICATION
 VALUE

ESTIMATING
 GS **ESTIMATING**
 . ORBITAL POSITION ESTIMATION
 . PARAMETER IDENTIFICATION
 . SYSTEM IDENTIFICATION
 RT BUDGETING
 CONTRACTS
 COSTS
 COUNTING
 CRITICAL PATH METHOD
 DELPHI METHOD (FORECASTING)
 ∞ DESIGN
 ESTIMATES
 ∞ ESTIMATORS
 EVALUATION
 FEASIBILITY
 FORECASTING
 ∞ MEASUREMENT
 MISSION PLANNING
 NUMERICAL DIFFERENTIATION
 PATTERN METHOD (FORECASTING)
 PROBE METHOD (FORECASTING)
 PROFILE METHOD (FORECASTING)
 PROJECTS
 QUALITY CONTROL
 RESERVES
 RISK
 SAMPLING
 STANDARD DEVIATION
 STATISTICAL ANALYSIS
 STATISTICAL TESTS
 ∞ STATISTICS
 TECHNOLOGICAL FORECASTING
 VALUE

∞ **ESTIMATORS**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CORRELATION
 COST ESTIMATES
 ESTIMATING
 PARAMETERIZATION
 PERSONNEL

ESTONIA
 RT BALTIC SEA
 EUROPE
 NATIONS

ESTROGENS
 GS ORGANIC COMPOUNDS
 . LIPIDS
 . . STEROIDS
 . . . **ESTROGENS**
 SECRETIONS
 . ENDOCRINE SECRETIONS
 . . HORMONES
 . . . **ESTROGENS**
 RT ENDOCRINE GLANDS
 SEX GLANDS

ESTUARIES
 UF OUTLETS (GEOLOGY)
 RT CHESAPEAKE BAY (US)
 COASTS
 FISHERIES
 GEOGRAPHY

ESTUARIES--(cont.)

HARBORS
OCEANOGRAPHY
RIVERS
TIDAL FLATS
TIDES
TRIBUTARIES

ETA-MESONS

GS PARTICLES
.. ELEMENTARY PARTICLES
.. .. BOSONS
.. .. MESONS
.. .. . **ETA-MESONS**
.. .. FERMIONS
.. .. . **ETA-MESONS**
.. .. NUCLEAR PARTICLES
.. .. BOSONS
.. .. MESONS
.. .. . **ETA-MESONS**
RT BARYONS
CHARGED PARTICLES
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS

ETALONS

GS MEASURING INSTRUMENTS
.. INTERFEROMETERS
.. .. **ETALONS**
.. .. OPTICAL MEASURING INSTRUMENTS
.. .. **ETALONS**
.. .. MIRRORS
.. .. **ETALONS**
.. .. OPTICAL EQUIPMENT
.. .. OPTICAL MEASURING INSTRUMENTS
.. .. **ETALONS**
RT ASTRONOMICAL INTERFEROMETRY
DIFFRACTOMETERS
FABRY-PEROT INTERFEROMETERS
FLATNESS
GONIOMETERS
OPTICAL MEASUREMENT
PHOTOgoniometers
REFLECTORS
RONCHI TEST
SAGNAC EFFECT
SPECULAR REFLECTION
TELESCOPES
VERY LONG BASE INTERFEROMETRY

ETCHANTS

RT CORROSION
ETCHING

ETCHING

RT CORROSION
ENGRAVING
EROSION
ETCHANTS
METALLOGRAPHY
PITTING
ULTRASONIC CLEANING

ETHANE

GS ORGANIC COMPOUNDS
.. HYDROCARBONS
.. .. ALIPHATIC HYDROCARBONS
.. .. ALKANES
.. .. . **ETHANE**
RT HYDROCARBON FUELS

ETHANE NITRILE

USE ACETONITRILE

ETHANOL

USE ETHYL ALCOHOL

ETHERS

GS **ETHERS**
.. ACETALS
.. ANISOLE
.. DIETHYL ETHER
.. GALLAMINE TRIETHIODIDE
.. POLYPHENYL ETHER
RT ANESTHETICS
DRUGS
EPOXY COMPOUNDS
ORGANIC COMPOUNDS
PEEK
PROPARGYL GROUPS

ETHICS

RT ∞ METHODOLOGY

ETHICS--(cont.)

NORMS
RESEARCH

ETHIOPIA

GS NATIONS
.. **ETHIOPIA**
RT AFRICA

ETHNIC FACTORS

GS SOCIOLOGY
.. SOCIAL FACTORS
.. .. **ETHNIC FACTORS**
RT AMERICAN INDIANS
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
GROUP DYNAMICS
RACE FACTORS

ETHOXY ETHYLENE

GS ETHYLENE COMPOUNDS
.. **ETHOXY ETHYLENE**

ETHYL ALCOHOL

UF ETHANOL
GS HYDROXYL COMPOUNDS
.. ALCOHOLS
.. .. **ETHYL ALCOHOL**
RT ATMOSPHERIC ENERGY SOURCES
CARBOHYDRATES

ETHYL COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
DIETHYL COMPOUNDS
DIETHYL HYDROGEN PHOSPHITE (DEHP)
TETRAETHYL ORTHOSILICATE
TRIETHYL COMPOUNDS

ETHYLENE

GS ORGANIC COMPOUNDS
.. HYDROCARBONS
.. .. ALIPHATIC HYDROCARBONS
.. .. ALKENES
.. .. . **ETHYLENE**
.. .. VINYLIDENE
RT HYDROCARBON FUELS
POLYETHYLENES

ETHYLENE COMPOUNDS

GS **ETHYLENE COMPOUNDS**
.. CHLOROETHYLENE
.. ETHOXY ETHYLENE
.. ETHYLENE DIHYDRAZINE
.. ETHYLENEDIAMINE
.. ETHYLENEDIAMINETETRAACETIC ACIDS
RT ∞ CHEMICAL COMPOUNDS

ETHYLENE DIHYDRAZINE

GS ETHYLENE COMPOUNDS
.. **ETHYLENE DIHYDRAZINE**
HYDRAZINES
.. **ETHYLENE DIHYDRAZINE**

ETHYLENE OXIDE

GS EPOXY COMPOUNDS
.. **ETHYLENE OXIDE**
ORGANIC COMPOUNDS
.. CYCLIC COMPOUNDS
.. HETEROCYCLIC COMPOUNDS
.. .. **ETHYLENE OXIDE**
RT BACTERICIDES
CHEMICAL STERILIZATION
DECONTAMINATION
OXIDES
SPACECRAFT STERILIZATION

ETHYLENEDIAMINE

GS AMINES
.. DIAMINES
.. .. **ETHYLENEDIAMINE**
ETHYLENE COMPOUNDS
.. **ETHYLENEDIAMINE**

ETHYLENEDIAMINETETRAACETIC ACIDS

UF EDTA
GS ACIDS
.. CARBOXYLIC ACIDS
.. .. FATTY ACIDS
.. .. ACETIC ACID
.. .. . **ETHYLENEDIAMINETETRAACETIC ACIDS**
ETHYLENE COMPOUNDS
.. **ETHYLENEDIAMINETETRAACETIC ACIDS**

ETHYLENEDIAMINETETRAACETIC ACIDS--(cont.)

ORGANIC COMPOUNDS
.. CARBOXYLIC ACIDS
.. .. FATTY ACIDS
.. .. ACETIC ACID
.. .. . **ETHYLENEDIAMINETETRAACETIC ACIDS**
RT ACETATES
DETERGENTS

ETIOLOGY

RT CASE HISTORIES
CAUSES
DISEASES
PREVENTION

ETR (REACTORS)

USE ENGINEERING TEST REACTORS

ETTINGSHAUSEN COOLERS

USE ETTINGSHAUSEN EFFECT
THERMOELECTRIC COOLING

ETTINGSHAUSEN EFFECT

UF ETTINGSHAUSEN COOLERS
RT COOLING SYSTEMS
∞ EFFECTS
TEMPERATURE EFFECTS
THERMOELECTRIC COOLING
THERMOELECTRICITY
THERMOMAGNETIC COOLING
THERMOMAGNETIC EFFECTS

EUCLIDEAN GEOMETRY

UF EUCLIDEAN SPACE
GS GEOMETRY
.. **EUCLIDEAN GEOMETRY**
.. ANALYTIC GEOMETRY
.. .. CATENARIES
.. .. CIRCUMFERENCES
.. .. CONICS
.. .. ELLIPSES
.. .. HYPERBOLAS
.. .. PARABOLAS
.. .. CYCLOIDS
.. .. EPICYCLOIDS
.. .. LOCI
.. .. MERCATOR PROJECTION
.. .. QUADRANTS
.. .. S CURVES
.. .. GOMPERTZ CURVES
.. .. SPHEROIDS
.. .. OBLATE SPHEROIDS
.. .. PROLATE SPHEROIDS
.. .. TANGENTS
.. .. TORUSES
.. .. TRIGONOMETRY
.. .. ANGLES (GEOMETRY)
.. .. ANGLE OF ATTACK
.. .. ZERO ANGLE OF ATTACK
.. .. BRAGG ANGLE
.. .. BREWSTER ANGLE
.. .. DIHEDRAL ANGLE
.. .. ELEVATION ANGLE
.. .. LOOK ANGLES (ELECTRONICS)
.. .. LOOK ANGLES (TRACKING)
.. .. SWEEP ANGLE
.. .. SWEEPBACK
.. .. LEADING EDGE SWEEP
.. .. CARTESIAN COORDINATES
.. .. CIRCLES (GEOMETRY)
.. .. GREAT CIRCLES
.. .. DESCRIPTIVE GEOMETRY
.. .. LINES (GEOMETRY)
.. .. CHORDS (GEOMETRY)
.. .. GEODESIC LINES
.. .. POINTS (MATHEMATICS)
.. .. FIXED POINTS (MATHEMATICS)
.. .. INFLECTION POINTS
.. .. POLYGONS
.. .. HEXAGONS
.. .. TETRAGONS
.. .. PARALLELOGRAMS
.. .. RHOMBOIDS
.. .. RECTANGLES
.. .. SQUARES (MATHEMATICS)
.. .. TRAPEZOIDS
.. .. TRIANGLES
.. .. POLYHEDRONS
.. .. CUBES (MATHEMATICS)
.. .. ICOSAHEDRONS
.. .. OCTAHEDRONS
.. .. PARALLELEPIPEDS
.. .. PYRAMIDS
.. .. RHOMBOHEDRONS

EUCLIDEAN GEOMETRY--(cont.)

... TETRAHEDRONS
... PROJECTIVE GEOMETRY
... MERCATOR PROJECTION
... RADII
... LARMOR RADIUS
RT COORDINATES
CURVES (GEOMETRY)
PHASE-SPACE INTEGRAL
POLYTOPES
RIEMANN MANIFOLD
SOBOLEV SPACE
SPHERES

EUCLIDEAN SPACE

USE EUCLIDEAN GEOMETRY

EUDIOMETERS

GS MEASURING INSTRUMENTS
... **EUDIOMETERS**
RT GAS MIXTURES
SPARK IGNITION

EUGLENA

GS ANIMALS
... PROTOZOA
... FLAGELLATA
... **EUGLENA**
MICROORGANISMS
... PROTOZOA
... FLAGELLATA
... **EUGLENA**
RT ALGAE

EUKARYOTES

GS CELLS (BIOLOGY)
... **EUKARYOTES**
RT BACTERIA
BIOLOGICAL EVOLUTION
CYTOLOGY
MOLECULAR BIOLOGY
PROKARYOTES

EULER BUCKLING

GS BUCKLING
... **EULER BUCKLING**
RT STRESS ANALYSIS

EULER EQUATIONS OF MOTION

GS EQUATIONS OF MOTION
... **EULER EQUATIONS OF MOTION**
RT ∞ EQUATIONS
HYDRODYNAMICS
MOMENTS OF INERTIA
PRIMITIVE EQUATIONS
RIGID STRUCTURES
UPWIND SCHEMES (MATHEMATICS)

EULER-CAUCHY EQUATIONS

GS ANALYSIS (MATHEMATICS)
... REAL VARIABLES
... DIFFERENTIAL EQUATIONS
... PARTIAL DIFFERENTIAL EQUATIONS
... **EULER-CAUCHY EQUATIONS**
RT COMPLEX VARIABLES
CONFORMAL MAPPING
 ∞ EQUATIONS
VECTOR ANALYSIS

EULER-LAGRANGE EQUATION

UF LAGRANGE EQUATIONS OF MOTION
GS EQUATIONS OF MOTION
... **EULER-LAGRANGE EQUATION**
RT CALCULUS OF VARIATIONS
CASTIGLIANO VARIATIONAL THEOREM
CLASSICAL MECHANICS
 ∞ EQUATIONS
EXTREMUM VALUES
LAGRANGIAN FUNCTION

EULER-LAMBERT EQUATION

RT ELLIPTICAL ORBITS
 ∞ EQUATIONS

EULERIAN NUTATION

USE CHANDLER WOBBLE

EURECA (ESA)

UF EUROPEAN RETRIEVABLE CARRIER
GS SPACE PLATFORMS
... **EURECA (ESA)**
RT SPACE SHUTTLES

EUROPA

GS CELESTIAL BODIES
... NATURAL SATELLITES
... ICY SATELLITES
... **EUROPA**
... JUPITER SATELLITES
... GALILEAN SATELLITES
... **EUROPA**
RT CHARON
JUPITER (PLANET)

EUROPA LAUNCH VEHICLES

GS LAUNCH VEHICLES
... **EUROPA LAUNCH VEHICLES**
... EUROPA 1 LAUNCH VEHICLE
... EUROPA 2 LAUNCH VEHICLE
... EUROPA 3 LAUNCH VEHICLE
... EUROPA 4 LAUNCH VEHICLE
RT ARIANE LAUNCH VEHICLE
ELDO LAUNCH VEHICLE
EUROPEAN SPACE AGENCY
EUROPEAN SPACE PROGRAMS
 ∞ VEHICLES

EUROPA 1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... EUROPA LAUNCH VEHICLES
... **EUROPA 1 LAUNCH VEHICLE**

EUROPA 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... EUROPA LAUNCH VEHICLES
... **EUROPA 2 LAUNCH VEHICLE**
RT COS-B SATELLITE

EUROPA 3 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... EUROPA LAUNCH VEHICLES
... **EUROPA 3 LAUNCH VEHICLE**

EUROPA 4 LAUNCH VEHICLE

GS LAUNCH VEHICLES
... EUROPA LAUNCH VEHICLES
... **EUROPA 4 LAUNCH VEHICLE**

EUROPE

GS CONTINENTS
... **EUROPE**
RT ALBANIA
ALPS MOUNTAINS (EUROPE)
ANDORRA
ARMENIA
AUSTRIA
AZERBAIJAN
BALTIC SHIELD (EUROPE)
BELARUS
BELGIUM
BULGARIA
CARPATHIAN MOUNTAINS (EUROPE)
CENTRAL EUROPE
COMMONWEALTH OF INDEPENDENT STATES
CZECHOSLOVAKIA
DENMARK
EAST GERMANY
ENGLAND
ESTONIA
FINLAND
FRANCE
GEORGIA (EURASIA)
GIBRALTAR
GREECE
HUNGARY
ICELAND
ITALY
LATVIA
LIECHTENSTEIN
LITHUANIA
LUXEMBOURG
MOLDAVIA
MONACO
NATIONS
NETHERLANDS
NORTHERN IRELAND
NORWAY
POLAND
PORTUGAL
ROMANIA
RUSSIAN FEDERATION
SAN MARINO
SCOTLAND
SPAIN
SWEDEN
SWITZERLAND
TURKEY

EUROPE--(cont.)

U.S.S.R.
UKRAINE
UNITED KINGDOM
VATICAN CITY
WALES
WEST GERMANY
YUGOSLAVIA

EUROPEAN AIRBUS

UF AIRBUS
GS COMMERCIAL AIRCRAFT
... **EUROPEAN AIRBUS**
... A-300 AIRCRAFT
... A-310 AIRCRAFT
... A-320 AIRCRAFT
JET AIRCRAFT
... **EUROPEAN AIRBUS**
... A-300 AIRCRAFT
... A-310 AIRCRAFT
... A-320 AIRCRAFT
PASSENGER AIRCRAFT
... **EUROPEAN AIRBUS**
... A-300 AIRCRAFT
... A-310 AIRCRAFT
... A-320 AIRCRAFT
TRANSPORT AIRCRAFT
... SHORT HAUL AIRCRAFT
... **EUROPEAN AIRBUS**
... A-300 AIRCRAFT
... A-310 AIRCRAFT
... A-320 AIRCRAFT
RT ∞ AIRCRAFT
INTERNATIONAL COOPERATION

EUROPEAN COMMUNICATIONS SATELLITE

UF ECS
GS ARTIFICIAL SATELLITES
... COMMUNICATION SATELLITES
... **EUROPEAN COMMUNICATIONS SATELLITE**
... ESA SATELLITES
... **EUROPEAN COMMUNICATIONS SATELLITE**
ESA SPACECRAFT
... ESA SATELLITES
... **EUROPEAN COMMUNICATIONS SATELLITE**
RT EUROPEAN SPACE PROGRAMS
OTS (ESA)

EUROPEAN INCOHERENT SCATTER RADAR

USE EISCAT RADAR SYSTEM (EUROPE)

EUROPEAN LARGE TELECOMM SATELLITE

USE L-SAT

EUROPEAN RETRIEVABLE CARRIER

USE EURECA (ESA)

EUROPEAN SPACE AGENCY

UF ESA
ESRO
EUROPEAN SPACE RESEARCH ORGANIZATION
GS ORGANIZATIONS
... **EUROPEAN SPACE AGENCY**
RT ARIANE LAUNCH VEHICLE
CASSINI MISSION
ELDO LAUNCH VEHICLE
ERS-1 (ESA SATELLITE)
ESA SATELLITES
ESRO 1 SATELLITE
ESRO 2 SATELLITE
ESRO 4 SATELLITE
EUROPA LAUNCH VEHICLES
EUROPEAN SPACE PROGRAMS
EXPOS (SPACELAB PAYLOAD)
GEOSARI PROJECT
ICL COMPUTERS
LIRTS (TELESCOPE)
MAROTS (ESA)
METEOSAT SATELLITE
SPACE PROGRAMS

EUROPEAN SPACE PROGRAMS

GS PROGRAMS
... SPACE PROGRAMS
... **EUROPEAN SPACE PROGRAMS**
... AUSTRIAN SPACE PROGRAM
... BELGIAN SPACE PROGRAM
... CZECHOSLOVAKIAN SPACE PROGRAM
... DANISH SPACE PROGRAM
... FINNISH SPACE PROGRAM

EUROPEAN SPACE PROGRAMS--(cont.)

... FRENCH SPACE PROGRAM
 ... GERMAN SPACE PROGRAM
 ... GREEK SPACE PROGRAM
 ... HUNGARIAN SPACE PROGRAM
 ... ICELANDIC SPACE PROGRAM
 ... ITALIAN SPACE PROGRAM
 ... LUXEMBOURG SPACE PROGRAM
 ... NETHERLANDS SPACE PROGRAM
 ... NORWEGIAN SPACE PROGRAM
 ... PORTUGUESE SPACE PROGRAM
 ... SPANISH SPACE PROGRAM
 ... SWEDISH SPACE PROGRAM
 ... SWISS SPACE PROGRAM
 ... TURKISH SPACE PROGRAM
 ... U.S.S.R. SPACE PROGRAM
 ... UK SPACE PROGRAM

RT AEROSAT SATELLITES
 AMPTE (SATELLITES)
 ARIANE LAUNCH VEHICLE
 AZUR SATELLITE
 CASSINI MISSION
 CLUSTER MISSION
 COMMITTEE ON SPACE RESEARCH
 COS-B SATELLITE
 DIAL SATELLITE
 EARTHNET
 ESA SATELLITES
 ESRO 1 SATELLITE
 ESRO 2 SATELLITE
 ESRO 4 SATELLITE
 EUROPA LAUNCH VEHICLES
 EUROPEAN COMMUNICATIONS
 SATELLITE
 EUROPEAN SPACE AGENCY
 EXOSAT SATELLITE
 FOREIGN POLICY
 FRENCH SATELLITES
 GEOS SATELLITES (ESA)
 HEOS SATELLITES
 HIPPARCOS SATELLITE
 INFRARED SPACE OBSERVATORY (ISO)
 INTERNATIONAL MAGNETOSPHERIC
 STUDY
 INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT
 IRIS SATELLITES
 MAN TENDED FREE FLYERS
 MARECS MARITIME SATELLITES
 METEOSAT SATELLITE
 OTS (ESA)
 QUASAT
 SOHO MISSION
 SPACE MISSIONS
 SYMPHONIE SATELLITES

EUROPEAN SPACE RESEARCH ORGANIZATION
 USE EUROPEAN SPACE AGENCY

**EUROPEAN SPACE RESEARCH ORGANIZATION
 SAT**
 USE ESA SATELLITES

EUROPEAN 1 SPACECRAFT

GS ARTIFICIAL SATELLITES
 . EUROPEAN 1 SPACECRAFT
 RT ELDO LAUNCH VEHICLE

EUROPIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . EUROPIUM
 . EUROPIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . EUROPIUM
 . EUROPIUM ISOTOPES

EUROPIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . EUROPIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

EUROPIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . EUROPIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . EUROPIUM
 . EUROPIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . EUROPIUM

EUROPIUM ISOTOPES--(cont.)

... EUROPIUM ISOTOPES

EUSTACHIAN TUBES

GS ANATOMY
 . SENSE ORGANS
 . EAR
 . EUSTACHIAN TUBES
 RT EARDRUMS
 ∞ TUBES

EUTECTIC ALLOYS

GS ALLOYS
 . EUTECTIC ALLOYS
 . BINARY SYSTEMS (MATERIALS)
 . BINARY MIXTURES
 . EUTECTICS
 . EUTECTIC ALLOYS
 MIXTURES
 . BINARY MIXTURES
 . EUTECTICS
 . EUTECTIC ALLOYS
 RT ALLOYING
 BISMUTH ALLOYS
 LAMELLA (METALLURGY)
 SUPERPLASTICITY
 WHISKER COMPOSITES

EUTECTIC COMPOSITES

GS COMPOSITE MATERIALS
 . METAL MATRIX COMPOSITES
 . EUTECTIC COMPOSITES
 RT ALLOYS
 DIRECTIONAL SOLIDIFICATION
 (CRYSTALS)
 EUTECTICS
 FRACTURE STRENGTH
 ∞ MATRICES
 METALS
 MIXTURES
 PRECIPITATION HARDENING

EUTECTIC DIAGRAMS

USE PHASE DIAGRAMS

EUTECTICS

GS BINARY SYSTEMS (MATERIALS)
 . BINARY MIXTURES
 . EUTECTICS
 . EUTECTIC ALLOYS
 MIXTURES
 . BINARY MIXTURES
 . EUTECTICS
 . EUTECTIC ALLOYS
 RT ALLOYING
 ALLOYS
 EUTECTIC COMPOSITES
 LIQUID PHASES
 PHASE DIAGRAMS
 SOLID PHASES
 SOLUTIONS
 SYNTACTIC ALLOYS

EUTROPHICATION

RT ENVIRONMENT EFFECTS
 LAKES
 ∞ NUTRIENTS

EUVE

USE EXTREME ULTRAVIOLET EXPLORER
 SATELLITE

EUXENITE

GS MINERALS
 . EUXENITE
 RT NIOBATES
 OXIDES
 TITANATES

EVA

USE EXTRAVEHICULAR ACTIVITY

∞ EVACUATING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT EVACUATING (TRANSPORTATION)
 EVACUATING (VACUUM)

EVACUATING (TRANSPORTATION)

SN (LIMITED TO CLEARANCE OF
 PERSONNEL, ANIMALS, OR MATERIAL
 FROM A GIVEN LOCALITY)
 RT C-9 AIRCRAFT

EVACUATING (TRANSPORTATION)--(cont.)

CASUALTIES
 CIVIL DEFENSE
 EJECTION
 ELIMINATION
 ∞ EVACUATING
 HOSPITALS
 MOBILE QUARANTINE FACILITY
 REMOVAL
 TRANSPORTATION
 UNLOADING

EVACUATING (VACUUM)

UF GAS EVACUATING
 RT DRAINAGE
 EJECTION
 ELIMINATION
 ∞ EVACUATING
 EXHAUSTING
 GAS POCKETS
 PURGING
 REMOVAL
 SUCTION
 VACUUM
 VACUUM PUMPS
 VENTING
 VENTS

EVAL

USE EARTH VIEWING APPLICATIONS
 LABORATORY

EVALUATION

GS EVALUATION
 . TRAINING EVALUATION
 RT ACCELERATED LIFE TESTS
 ACCEPTABILITY
 ∞ ANALYZING
 APPROACH AND LANDING TESTS (STS)
 ASSESSMENTS
 CERTIFICATION
 ∞ CLASSIFYING
 COMPARISON
 COMPUTER SYSTEMS PERFORMANCE
 CORRELATION
 COSTS
 CRITERIA
 CROP IDENTIFICATION
 ∞ DISCUSSION
 ECONOMICS
 ESTIMATES
 ESTIMATING
 EXAMINATION
 FEASIBILITY
 FIGURE OF MERIT
 FORECASTING
 ∞ INDICATION
 INSPECTION
 MANAGEMENT
 ∞ MEASUREMENT
 NORMALIZING (STATISTICS)
 OBSERVATION
 ∞ PERFORMANCE
 PERFORMANCE PREDICTION
 POSITION (TITLE)
 PROVING
 QUALITY
 RANKING
 RATINGS
 REJECTION
 RESERVES
 REVIEWING
 SELECTION
 STATISTICAL CORRELATION
 TECHNOLOGY ASSESSMENT
 ∞ TESTS
 TIMBER IDENTIFICATION
 VALUE

EVANESCENCE

RT EVAPORATION
 SURFACE PROPERTIES
 TRANSPIRATION

EVAPORATION

GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . EVAPORATION
 . EVAPOTRANSPIRATION
 . PROPELLANT EVAPORATION
 . TRANSPIRATION
 RT BOILING
 CONCENTRATING
 CONDENSING
 DEHYDRATION

EVAPORATION--(cont.)

DIFFUSION
DISTILLATION
DRYING
EVANESCENCE
EVAPORATIVE COOLING
EVAPOROGRAPHY
FLASHING (VAPORIZING)
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
HYDROLOGICAL CYCLE
LIQUID-VAPOR INTERFACES
PERSPIRATION
RESERVOIRS
RESPIRATORY SYSTEM
∞ SEPARATION
SKIN (ANATOMY)
SUBLIMATION
VOLATILITY
WATER LOSS

EVAPORATION RATE

GS RATES (PER TIME)
RT **EVAPORATION RATE**
HEAT TRANSFER COEFFICIENTS

EVAPORATIVE COOLING

GS COOLING
∞ **EVAPORATIVE COOLING**
.. FILM COOLING
.. SWEAT COOLING
RT COOLING SYSTEMS
CRYOGENIC FLUID STORAGE
EVAPORATION
PROPELLANT EVAPORATION
SURFACE COOLING

EVAPORATORS

GS HEATING EQUIPMENT
.. VAPORIZERS
∞ **EVAPORATORS**
SEPARATORS
RT **EVAPORATORS**
AIR CONDITIONING EQUIPMENT
ATOMIZERS
CONCENTRATORS
CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS
DRYING APPARATUS
HEAT EXCHANGERS
REFRIGERATING MACHINERY

EVAPOROGRAPHY

RT EVAPORATION
IMAGES
INFRARED RADIATION
PHOTOGRAPHY

EVAPOTRANSPIRATION

GS PHASE TRANSFORMATIONS
.. VAPORIZING
.. EVAPORATION
∞ **EVAPOTRANSPIRATION**
RT TRANSPIRATION
VADOSE WATER

EVASIVE ACTIONS

GS MANEUVERS
∞ **EVASIVE ACTIONS**
RT ELECTRONIC WARFARE
OBSTACLE AVOIDANCE
TACTICS
WARFARE

EVASIVE SATELLITES

GS ARTIFICIAL SATELLITES
∞ **EVASIVE SATELLITES**
MANEUVERABLE SPACECRAFT
RT **EVASIVE SATELLITES**
MILITARY SPACECRAFT

EVECTION

USE LUNAR ORBITS
ORBIT PERTURBATION
SOLAR GRAVITATION

EVEN-EVEN NUCLEI

GS PARTICLES
.. CHARGED PARTICLES
.. ENERGETIC PARTICLES
... NUCLEI (NUCLEAR PHYSICS)
∞ **EVEN-EVEN NUCLEI**
RT NUCLEAR STRUCTURE
ODD-EVEN NUCLEI

EVEN-EVEN NUCLEI--(cont.)

ODD-ODD NUCLEI

EVENING

RT DAYTIME
NIGHT
SUNSET

EVENT HORIZON

RT BLACK HOLES (ASTRONOMY)
COSMOLOGY
GRAVITATION THEORY
HORIZON
NAKED SINGULARITIES
RELATIVITY
SCHWARZSCHILD METRIC
WHITE HOLES (ASTRONOMY)

EVENTS

GS **EVENTS**
.. CONSECUTIVE EVENTS
RT OCCURRENCES
PROBABILITY DENSITY FUNCTIONS
PROBABILITY THEORY
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
STOCHASTIC PROCESSES

EVERGLADES (FL)

RT FLORIDA

EVOKED RESPONSE (PSYCHOPHYSIOLOGY)

RT PHYSIOLOGICAL RESPONSES
PSYCHOPHYSIOLOGY

∞ **EVOLUTION**

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BIOGENY
CHEMICAL EVOLUTION
EVOLUTION (DEVELOPMENT)
EVOLUTION (LIBERATION)
EXISTENCE

EVOLUTION (DEVELOPMENT)

GS **EVOLUTION (DEVELOPMENT)**
.. BIOLOGICAL EVOLUTION
.. A BIOGENESIS
.. CHEMICAL EVOLUTION
.. GALACTIC EVOLUTION
.. LUNAR EVOLUTION
.. PLANETARY EVOLUTION
.. SOLAR SYSTEM EVOLUTION
.. STELLAR EVOLUTION
.. STAR FORMATION
.. STELLAR MASS ACCRETION
RT ∞ BIOLOGY
∞ DEVELOPMENT
∞ EVOLUTION
EXTINCTION
GENE EXPRESSION
GENETICS
GROWTH
HEREDITY
INTERSTELLAR EXTINCTION
ONTOGENY
SPECIES DIFFUSION

EVOLUTION (LIBERATION)

GS **EVOLUTION (LIBERATION)**
.. GAS EVOLUTION
RT BOILING
DESORPTION
∞ EVOLUTION
OUTGASSING
TRANSPIRATION
VAPORIZING

EXACTNESS

USE PRECISION

EXAMINATION

GS **EXAMINATION**
.. EYE EXAMINATIONS
RT ACCEPTABILITY
∞ ANALYZING
CHARACTERIZATION
CLINICAL MEDICINE
COMPARISON
CONICAL SCANNING
DETECTION
DIAGNOSIS
∞ DISCUSSION

EXAMINATION--(cont.)

EVALUATION
EXPLORATION
INSPECTION
INVESTIGATION
∞ MEASUREMENT
OBSERVATION
∞ PERFORMANCE
PROVING
REVIEWING
SCANNING
∞ TESTS
TRAINING EVALUATION
ULTRASONIC FLAW DETECTION

EXCAVATION

UF DITCHING (EXCAVATION)
GS **EXCAVATION**
.. TUNNELING (EXCAVATION)
RT BOREHOLES
CONSTRUCTION
∞ DITCHING
DRAINAGE
EXPLORATION
FOUNDATIONS
LUNAR EXCAVATION EQUIPMENT
MATERIALS HANDLING
MINERAL DEPOSITS
MINERAL EXPLORATION
MINING
PITS (EXCAVATIONS)
STRIP MINING
UNDERGROUND STRUCTURES

∞ **EXCHANGERS**

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT HEAT EXCHANGERS

EXCHANGING

GS **EXCHANGING**
.. CHARGE EXCHANGE
.. RESONANCE CHARGE EXCHANGE
.. GAS EXCHANGE
.. ION EXCHANGING
.. SPIN EXCHANGE
RT ∞ CONVERSION
DEIONIZATION
∞ SEPARATION
∞ SHIFT
TRANSFERRING

EXCIMER LASERS

GS STIMULATED EMISSION DEVICES
.. LASERS
.. GAS LASERS
∞ **EXCIMER LASERS**
RT ELECTRON PUMPING
FLUORIDES
HALOGENS
LASER DEPOSITION
LASER OUTPUTS
LASING
OPTICAL PUMPING
PULSED LASER DEPOSITION
∞ RARE GAS COMPOUNDS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS

EXCIMERS

RT ELECTRON ORBITALS
ELECTRON STATES
ELECTRON TRANSITIONS
INTERMOLECULAR FORCES
MOLECULAR ENERGY LEVELS
∞ RARE GAS COMPOUNDS

EXCITATION

UF EXCITED STATES
GS **EXCITATION**
.. ATOMIC EXCITATIONS
.. MOLECULAR EXCITATION
.. PHOTOEXCITATION
.. SELF EXCITATION
.. WAVE EXCITATION
.. ACOUSTIC EXCITATION
.. HARMONIC EXCITATION
RT ACTIVATION
ACTUATION
ATOMIC ENERGY LEVELS
AURORAL IONIZATION
AURORAL IRRADIATION
ELECTROMAGNETIC ABSORPTION
ELECTRON STATES

EXCITATION--(cont.)

ELECTRON TRANSITIONS
EMISSION
ENERGY LEVELS
IONIZATION
IRRADIATION
LASER INDUCED FLUORESCENCE
METASTABLE STATE
RADIATION TRAPPING
RELAXATION TIME
ROTONS
STARTING
TRANSITION PROBABILITIES

EXCITED STATES

USE EXCITATION

EXCITONS

GS ELEMENTARY EXCITATIONS
. **EXCITONS**
RT CARRIER MOBILITY
ELECTRICAL INSULATION
ELECTRONS
ENERGY BANDS
HOLES (ELECTRON DEFICIENCIES)
IONIC CRYSTALS
LIGHT (VISIBLE RADIATION)
OPTICAL PROPERTIES
PHOTOELECTROMAGNETIC EFFECTS
PLASMONS
POSITRONIUM
SEMICONDUCTORS (MATERIALS)
SPECTRA
SUHL EFFECT

EXCLUSION

RT ELIMINATION
ISOLATION
PAULI EXCLUSION PRINCIPLE
REJECTION
∞ SEPARATION

EXCRETION

RT EXPULSION
FECES
HUMAN WASTES
PERSPIRATION
URINE

EXECUTIVE AIRCRAFT

USE GENERAL AVIATION AIRCRAFT
PASSENGER AIRCRAFT

EXECUTIVE SYSTEMS (COMPUTERS)

USE OPERATING SYSTEMS (COMPUTERS)

EXERCISE

USE PHYSICAL EXERCISE

EXERCISE PHYSIOLOGY

GS PHYSIOLOGY
. **EXERCISE PHYSIOLOGY**
RT CIRCULATORY SYSTEM
HUMAN BODY
LOCOMOTION
MUSCULAR TONUS
PHYSICAL FITNESS
PHYSIOCHEMISTRY
PHYSIOLOGICAL EFFECTS
RESPIRATORY PHYSIOLOGY
SPORTS MEDICINE
STRESS (PHYSIOLOGY)

EXERTION

USE PHYSICAL WORK

EXHALATION

RT ALVEOLAR AIR
EXPIRED AIR
RESPIROMETERS

EXHAUST CLOUDS

UF GROUND CLOUDS
LAUNCH CLOUDS
RT AEROSOLS
∞ CLOUDS
EXHAUST GASES
LAUNCH VEHICLES
LAUNCHING
LAUNCHING SITES
ROCKET EXHAUST
ROCKET LAUNCHING

EXHAUST DIFFUSERS

RT CONICAL NOZZLES
∞ DIFFUSERS
EJECTORS
∞ JET NOZZLES
SUPERSONIC DIFFUSERS
VANELESS DIFFUSERS

EXHAUST EMISSION

GS EMISSION
RT . **EXHAUST EMISSION**
GAS-GAS INTERACTIONS
GAS-METAL INTERACTIONS
HIGH TEMPERATURE GASES
INFRARED RADIATION
JET EXHAUST
PARTICLE EMISSION
POLLUTION TRANSPORT
RELEASING
THERMAL EMISSION

EXHAUST FLOW SIMULATION

GS SIMULATION
. **EXHAUST FLOW SIMULATION**
RT . . . ATMOSPHERIC ENTRY SIMULATION
FLOW DISTRIBUTION
MATHEMATICAL MODELS
WIND TUNNELS

EXHAUST GASES

UF EXHAUST JETS
GS GASES
. **EXHAUST GASES**
RT . . . FLUE GASES
AIR POLLUTION
∞ BLASTS
COMBUSTION EFFICIENCY
COMBUSTION PRODUCTS
DILUENTS
EFFLUENTS
ENVIRONMENT EFFECTS
EROSIVE BURNING
EXHAUST CLOUDS
EXHAUSTING
FUMES
GAS MIXTURES
GAS RECOVERY
INFRARED SUPPRESSION
JET BLAST EFFECTS
JET EXHAUST
NOZZLE FLOW
ODORS
PARTICULATES
POLLUTION TRANSPORT
PROPULSION
REACTION PRODUCTS
ROCKET EXHAUST
SMOG
SMOKE
SMOKE ABATEMENT
VAPORS
WASTE DISPOSAL
WASTE ENERGY UTILIZATION
WASTES

EXHAUST JETS

USE EXHAUST GASES

EXHAUST NOZZLES

GS . **EXHAUST NOZZLES**
. CONVERGENT-DIVERGENT NOZZLES
. PLUG NOZZLES
. SPIKE NOZZLES
. TURBINE EXHAUST NOZZLES
RT AIR DUCTS
ANNULAR NOZZLES
BASE HEATING
CONICAL NOZZLES
DIVERGENT NOZZLES
EJECTORS
∞ FLOW
INFRARED SUPPRESSION
INLET NOZZLES
JET ENGINES
∞ JET NOZZLES
NOZZLE FLOW
NOZZLE INSERTS
∞ NOZZLES
OPENINGS
OUTLETS
ROCKET ENGINES
SKIRTS

EXHAUST SYSTEMS

RT AFTERBURNING

EXHAUST SYSTEMS--(cont.)

AIR CONDITIONING
AIR POLLUTION
BLOWERS
CHIMNEYS
CONDENSERS (LIQUEFIERS)
COOLING SYSTEMS
DUCTS
DUST COLLECTORS
EJECTORS
ELIMINATION
ENGINES
EXHAUSTING
FLUES
FUEL TANK PRESSURIZATION
INTAKE SYSTEMS
INTERNAL COMBUSTION ENGINES
MANIFOLDS
MUFFLERS
OPENINGS
OUTLETS
PIPE NOZZLES
PLENUM CHAMBERS
PORTS (OPENINGS)
ROCKET EXHAUST
∞ SYSTEMS
TEMPERATURE CONTROL
VENTILATION
VENTILATORS
VENTS
WASTE DISPOSAL

EXHAUST VELOCITY

GS RATES (PER TIME)
. **EXHAUST VELOCITY**
VELOCITY
RT . **EXHAUST VELOCITY**
ACOUSTIC VELOCITY
CRITICAL VELOCITY
EXPULSION
FLOW VELOCITY

EXHAUSTING

RT BLOWING
BREATHING VIBRATION
CONSUMPTION
DECONTAMINATION
∞ DISCHARGE
DISPERSING
DISPOSAL
DISSIPATION
EJECTION
ELIMINATION
EVACUATING (VACUUM)
EXHAUST GASES
EXHAUST SYSTEMS
RELIEVING
REMOVAL
VENTILATION
VENTING

EXHAUSTION

RT CONSUMPTION
DEPLETION
FATIGUE (BIOLOGY)
HYPERKINESIA

EXISTENCE

RT COSMOLOGY
∞ EVOLUTION
LIFE SPAN
VALIDITY

EXISTENCE THEOREMS

GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. **EXISTENCE THEOREMS**
THEOREMS
RT . **EXISTENCE THEOREMS**
PROBLEM SOLVING
ROOTS OF EQUATIONS

EXITS (DOORS)

USE DOORS

EXO BIOLOGY

UF ASTROBIOLOGY
SPACE BIOLOGY
RT AEROSPACE ENVIRONMENTS
APOLLO EXTENSION SYSTEM
BIOASTRONAUTICS
∞ BIOLOGY
CARBONACEOUS METEORITES
CHEMICAL EVOLUTION
ENVIRONMENT MODELS

EXO BIOLOGY--(cont.)

EXTRATERRESTRIAL LIFE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
PANSPERMIA
PLANETARY ENVIRONMENTS
SPACECRAFT CONTAMINATION
SPACECRAFT ENVIRONMENTS
SPACECRAFT STERILIZATION
TERRAFORMING

EXOPHORIA

USE HETEROPHORIA

EXOS SATELLITES

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXOS SATELLITES
EXOS-A SATELLITE
EXOS-B SATELLITE
EXOS-C SATELLITE
EXOS-D SATELLITE
JAPANESE SPACECRAFT
EXOS SATELLITES
EXOS-A SATELLITE
EXOS-B SATELLITE
EXOS-C SATELLITE
EXOS-D SATELLITE

EXOS SOUNDING ROCKET

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
EXOS SOUNDING ROCKET
SOUNDING ROCKETS
EXOS SOUNDING ROCKET
RT HONEST JOHN ROCKET VEHICLE
NIKE-AJAX MISSILE
SOLID PROPELLANT ROCKET ENGINES
XM-33 ENGINE

EXOS-A SATELLITE

UF KYOKKO SATELLITE
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXOS SATELLITES
EXOS-A SATELLITE
JAPANESE SPACECRAFT
EXOS SATELLITES
EXOS-A SATELLITE

EXOS-B SATELLITE

UF JIKIKEN SATELLITE
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXOS SATELLITES
EXOS-B SATELLITE
JAPANESE SPACECRAFT
EXOS SATELLITES
EXOS-B SATELLITE

EXOS-C SATELLITE

UF OHZORA SATELLITE
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXOS SATELLITES
EXOS-C SATELLITE
JAPANESE SPACECRAFT
EXOS SATELLITES
EXOS-C SATELLITE

EXOS-D SATELLITE

UF AKEBONO SATELLITE
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXOS SATELLITES
EXOS-D SATELLITE
JAPANESE SPACECRAFT
EXOS SATELLITES
EXOS-D SATELLITE

EXOSAT SATELLITE

UF HELOS (SATELLITE)
HIGH ECCENTRIC LUNAR OCCULTATION
SATELLITE
GS ARTIFICIAL SATELLITES
ESA SATELLITES
EXOSAT SATELLITE
SCIENTIFIC SATELLITES
EXOSAT SATELLITE
ESA SPACECRAFT
ESA SATELLITES
EXOSAT SATELLITE
RT ECCENTRIC ORBITS
EUROPEAN SPACE PROGRAMS
LUNAR OCCULTATION

EXOSAT SATELLITE--(cont.)

X RAY ASTRONOMY
X RAY SOURCES

EXOSKELETONS

RT ANATOMY
ARTHROPODS
BODY COMPOSITION (BIOLOGY)
BONES
CONNECTIVE TISSUE
MUSCULOSKELETAL SYSTEM

EXOSPHERE

SN (ALTITUDES ABOVE APPROXIMATELY
500 KM)
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EXOSPHERE
RT EARTH IONOSPHERE
EARTH MAGNETOSPHERE
HETEROSPHERE
PLANETARY MAGNETOTAILS
RADIATION BELTS
THERMOSPHERE

EXOTHERMIC REACTIONS

GS CHEMICAL REACTIONS
EXOTHERMIC REACTIONS
RT ASSOCIATION REACTIONS
COMBUSTION
COMBUSTION CHEMISTRY
COMBUSTION SYNTHESIS
ENDOTHERMIC REACTIONS
INCENDIARY AMMUNITION
PYROLYSIS
THERMAL DECOMPOSITION

EXPANDABLE STRUCTURES

GS EXPANDABLE STRUCTURES
BELLOWS
INFLATABLE STRUCTURES
AIR BAG RESTRAINT DEVICES
BALLOONS
HIGH ALTITUDE BALLOONS
JIMSPHERE BALLOONS
SKYHOOK BALLOONS
SUPERPRESSURE BALLOONS
METEOROLOGICAL BALLOONS
JIMSPHERE BALLOONS
ROBIN BALLOONS
MICROBALLOONS
TETHERED BALLOONS
BALLUTES
GAS BAGS
INFLATABLE GLIDERS
INFLATABLE SPACECRAFT
BEACON SATELLITES
BEACON EXPLORER A
EXPLORER 22 SATELLITE
PARAVULCOONS
RT EXPULSION BLADDERS
FOLDING STRUCTURES
LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES
SPACECRAFT
STRUCTURES
VARIABLE GEOMETRY STRUCTURES

EXPANSION

UF ENLARGING
GS EXPANSION
GAS EXPANSION
KARHUNEN-LOEVE EXPANSION
PRANDTL-MEYER EXPANSION
SERIES EXPANSION
THERMAL EXPANSION
RT ADIABATIC CONDITIONS
DISTORTION
ELONGATION
EXTENSIONS
INFLATING
RAREFACTION
RELAXATION (MECHANICS)
SWELLING
THERMAL BUCKLING

EXPANSION WAVES

USE ELASTIC WAVES

EXPECTANCY HYPOTHESIS

GS HYPOTHESES
EXPECTANCY HYPOTHESIS
RT MONTE CARLO METHOD
PROBABILITY DENSITY FUNCTIONS

EXPECTANCY HYPOTHESIS--(cont.)

STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

EXPECTATION

RT CONTINGENCY
DECISION THEORY
FORECASTING
RELIABILITY

EXPEDITIONS

RT EXPLORATION
MISSIONS
SPACE FLIGHT

EXPELLANTS

RT COUGH
DISCHARGE
EXPULSION
FLUSHING

EXPENDABLE STAGES (SPACECRAFT)

RT BOOSTER RECOVERY
BOOSTER ROCKET ENGINES
ENGINES
MULTISTAGE ROCKET VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
ROCKET ENGINES
SPACE SHUTTLES
STAGE SEPARATION

EXPERIENCE

RT EDUCATION
QUALIFICATIONS
UPGRADING

EXPERIMENT DESIGN

SN (LIMITED TO DESIGN OF
EXPERIMENTS--EXCLUDES PROTOTYPES)
UF DESIGN OF EXPERIMENTS
GS EXPERIMENT DESIGN
FACTORIAL DESIGN
RT COVARIANCE
DEGREES OF FREEDOM
DESIGN
FACTOR ANALYSIS
LABORATORIES
MATHEMATICAL MODELS
OPERATIONS RESEARCH
ORTHOGONALITY
QUALITY CONTROL
REGRESSION ANALYSIS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING
VARIANCE (STATISTICS)

EXPERIMENTAL AIRCRAFT

USE RESEARCH AIRCRAFT

EXPERIMENTAL BOILING WATER REACTORS

UF EBWR (REACTOR)
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BOILING WATER
REACTORS
WATER MODERATED REACTORS
EXPERIMENTAL BOILING WATER
REACTORS

EXPERIMENTAL BREEDER REACTOR 1

UF EBR-1 REACTOR
GS NUCLEAR REACTORS
BREEDER REACTORS
EXPERIMENTAL BREEDER REACTOR
1
FAST NUCLEAR REACTORS
EXPERIMENTAL BREEDER REACTOR
1
LIQUID COOLED REACTORS
LIQUID METAL COOLED REACTORS
EXPERIMENTAL BREEDER
REACTOR 1
NUCLEAR RESEARCH AND TEST
REACTORS
EXPERIMENTAL BREEDER REACTOR
1

EXPERIMENTAL BREEDER REACTOR 2

UF EBR-2 REACTOR
 GS NUCLEAR REACTORS
 . BREEDER REACTORS
 . . **EXPERIMENTAL BREEDER REACTOR 2**
 . FAST NUCLEAR REACTORS
 . . **EXPERIMENTAL BREEDER REACTOR 2**
 . LIQUID COOLED REACTORS
 . . LIQUID METAL COOLED REACTORS
 . . . **EXPERIMENTAL BREEDER REACTOR 2**
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . **EXPERIMENTAL BREEDER REACTOR 2**

EXPERIMENTAL GAS COOLED REACTORS

UF EGCR (REACTOR)
 GS NUCLEAR REACTORS
 . GAS COOLED REACTORS
 . . **EXPERIMENTAL GAS COOLED REACTORS**
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . **EXPERIMENTAL GAS COOLED REACTORS**

EXPERIMENTAL ORGANIC COOLED REACTORS

UF EOGR (REACTOR)
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . ORGANIC COOLED REACTORS
 . . . **EXPERIMENTAL ORGANIC COOLED REACTORS**
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . **EXPERIMENTAL ORGANIC COOLED REACTORS**
 . ORGANIC MODERATED REACTORS
 . . **EXPERIMENTAL ORGANIC COOLED REACTORS**

EXPERIMENTAL REFLECTOR ORBITAL SHOT

PROJ
 UF EROS PROJECT
 GS PROGRAMS
 . PROJECTS
 . . **EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ**

EXPERIMENTAL STOL TRANSPORT RSCH AIRPLANE

USE QUESTOL AIRCRAFT

EXPERIMENTATION

GS **EXPERIMENTATION**
 . PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
 RT CRITICAL EXPERIMENTS
 EXPLORATION
 INVESTIGATION
 LABORATORIES
 PHENOMENOLOGY
 SPACEBORNE EXPERIMENTS

EXPERT SYSTEMS

GS INTELLIGENCE
 . **EXPERT SYSTEMS**
 KNOWLEDGE BASED SYSTEMS
 . **EXPERT SYSTEMS**
 RT ARTIFICIAL INTELLIGENCE
 C (PROGRAMMING LANGUAGE)
 COMPUTER PROGRAMMING
 KNOWLEDGE BASES (ARTIFICIAL INTELLIGENCE)
 KNOWLEDGE REPRESENTATION
 ∞ LOGIC
 LOGIC PROGRAMMING
 NATURAL LANGUAGE PROCESSING
 PROLOG (PROGRAMMING LANGUAGE)

EXPIRATION

RT ∞ BREATHING
 DEATH
 EXPIRED AIR
 EXPULSION
 MORTALITY
 RESPIRATION

EXPIRED AIR

GS GASES
 . GAS MIXTURES
 . . AIR

EXPIRED AIR--(cont.)

. . . **EXPIRED AIR**
 MIXTURES
 . SOLUTIONS
 . . GAS MIXTURES
 . . . AIR
 . . . **EXPIRED AIR**
 RT ALVEOLAR AIR
 EXHALATION
 EXPIRATION
 GAS COMPOSITION
 METABOLIC WASTES
 REBREATHING
 RESPIRATION

EXPLODING CONDUCTOR CIRCUITS

USE CIRCUITS
 EXPLODING WIRES

EXPLODING CONDUCTORS

USE EXPLODING WIRES

EXPLODING WIRES

UF EXPLODING CONDUCTOR CIRCUITS
 EXPLODING CONDUCTORS
 GS EXPLOSIVE DEVICES
 . INITIATORS (EXPLOSIVES)
 . . **EXPLODING WIRES**
 IGNITERS
 . INITIATORS (EXPLOSIVES)
 . . **EXPLODING WIRES**
 WIRE
 . **EXPLODING WIRES**
 RT BOOSTERS (EXPLOSIVES)
 CAPS (EXPLOSIVES)
 CONDUCTORS
 DETONATORS
 ELECTRIC WIRE
 PLASMA GENERATORS
 PRIMERS (EXPLOSIVES)
 RADIATION TRANSPORT
 SHOCK WAVES
 WIRE BRIDGE CIRCUITS

EXPLOITATION

RT BENEFICIATION
 DEPLETION
 ∞ DEVELOPMENT
 EXPLORATION
 GEOLOGY
 LAND USE
 MINES (EXCAVATIONS)
 MINING
 RESERVES
 STRIP MINING

EXPLORATION

UF DISCOVERING
 PROSPECTING
 GS **EXPLORATION**
 . LUNAR EXPLORATION
 . MINERAL EXPLORATION
 . OIL EXPLORATION
 . SPACE EXPLORATION
 RT BOREHOLES
 DETECTION
 DRILLING
 EXAMINATION
 EXCAVATION
 EXPEDITIONS
 EXPERIMENTATION
 EXPLOITATION
 GEOLOGICAL SURVEYS
 GEOLOGY
 GEOTHERMAL TECHNOLOGY
 INVESTIGATION
 MINES (EXCAVATIONS)
 OSS-1 PAYLOAD
 RESEARCH
 RESERVES
 SAMPLING
 SPACE FLIGHT
 SURVEYS
 UNDERGROUND ACOUSTICS

EXPLORER SATELLITES

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . **EXPLORER SATELLITES**
 . . . APPLICATIONS EXPLORER SATELLITES
 . . . COSMIC BACKGROUND EXPLORER SATELLITE
 . . . DUAL AIR DENSITY EXPLORER
 . . . DYNAMICS EXPLORER SATELLITES

EXPLORER SATELLITES--(cont.)

. . . DYNAMICS EXPLORER 1 SATELLITE
 . . . DYNAMICS EXPLORER 2 SATELLITE
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 . . . EXPLORER 55 SATELLITE
 . . . EXTREME ULTRAVIOLET EXPLORER SATELLITE
 . . . FAR UV SPECTROSCOPIC EXPLORER
 . . . IMP
 . . . INTERNATIONAL MAGNETOSPHERIC EXPLORER
 . . . INTERNATIONAL SUN EARTH EXPLORERS
 . . . INTERNATIONAL SUN EARTH EXPLORER 1
 . . . INTERNATIONAL SUN EARTH EXPLORER 2
 . . . INTERNATIONAL SUN EARTH EXPLORER 3
 . . . MICROMETEOROID EXPLORER SATELLITES
 . . . RADIO ASTRONOMY EXPLORER SATELLITE
 . . . SOLAR MESOSPHERE EXPLORER
 . . . UHURU SATELLITE
 . . . X RAY TIMING EXPLORER
 RT IUE
 JUNO 1 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 METEOROID DUST CLOUDS
 MICROMETEORIDS
 OUTER PLANETS EXPLORERS
 SCOUT PROJECT
 THOR DELTA LAUNCH VEHICLE
 ZODIACAL DUST

EXPLORER 1 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . EXPLORER SATELLITES
 . . . **EXPLORER 1 SATELLITE**

EXPLORER 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 2 SATELLITE**

EXPLORER 3 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 3 SATELLITE**

EXPLORER 4 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 4 SATELLITE**

EXPLORER 5 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 5 SATELLITE**

EXPLORER 6 SATELLITE

GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . . **EXPLORER 6 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 6 SATELLITE**
 RT THOR ABLE ROCKET VEHICLE

EXPLORER 7 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 7 SATELLITE**

EXPLORER 8 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 8 SATELLITE**

EXPLORER 9 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . **EXPLORER 9 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 9 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 10 SATELLITE

GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . . **EXPLORER 10 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 10 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 11 SATELLITE

UF GAMMA RAY ASTRONOMY EXPLORER
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 11 SATELLITE**
 RT JUNO 2 LAUNCH VEHICLE

EXPLORER 12 SATELLITE

UF ENERGETIC PARTICLE EXPLORER A
 EPE-A
 S-3 SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . . **EXPLORER 12 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 12 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 14 SATELLITE

UF ENERGETIC PARTICLE EXPLORER B
 EPE-B
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 14 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 15 SATELLITE

UF ENERGETIC PARTICLE EXPLORER C
 EPE-C
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 15 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 16 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 16 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 17 SATELLITE

UF AE-A SATELLITE
 ATMOSPHERE EXPLORER A
 S-6 SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . **EXPLORER 17 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 17 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 18 SATELLITE

UF IMP-A
 IMP-1
 INTERPLANETARY EXPLORER
 S-74 SATELLITE
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . . **EXPLORER 18 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 18 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . . . **EXPLORER 18 SATELLITE**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . . **EXPLORER 18 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . **EXPLORER 18 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 19 SATELLITE

UF AD-A SATELLITE
 AIR DENSITY EXPLORER A
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . **EXPLORER 19 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 19 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 20 SATELLITE

UF IONOSPHERE EXPLORER A
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 20 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 21 SATELLITE

UF IMP-B
 IMP-2
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 21 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 22 SATELLITE

UF BE B
 BEACON EXPLORER B
 GS ARTIFICIAL SATELLITES
 . NAVIGATION SATELLITES
 . . . **EXPLORER 22 SATELLITE**
 . PASSIVE SATELLITES
 . . . BEACON SATELLITES
 . . . **EXPLORER 22 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 22 SATELLITE**
 EXPANDABLE STRUCTURES
 . INFLATABLE STRUCTURES
 . . . INFLATABLE SPACECRAFT
 . . . BEACON SATELLITES
 . . . **EXPLORER 22 SATELLITE**
 SPACE ERECTABLE STRUCTURES

EXPLORER 22 SATELLITE--(cont.)

. INFLATABLE SPACECRAFT
 . . . BEACON SATELLITES
 . . . **EXPLORER 22 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 23 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 23 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 24 SATELLITE

UF AD/I SATELLITE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 24 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 25 SATELLITE

UF AD/I B
 AIR DENSITY/INJUN EXPLORER B
 INJUN EXPLORER
 GS ARTIFICIAL SATELLITES
 . INJUN SATELLITES
 . . . **EXPLORER 25 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 25 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 26 SATELLITE

UF ENERGETIC PARTICLE EXPLORER D
 EPE-D
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 26 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 27 SATELLITE

UF BE C
 BEACON EXPLORER C
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 27 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 28 SATELLITE

UF IMP-C
 IMP-3
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . . **EXPLORER 28 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 28 SATELLITE**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . . **EXPLORER 28 SATELLITE**
 RT DELTA LAUNCH VEHICLE

EXPLORER 29 SATELLITE

GS ARTIFICIAL SATELLITES
 . GEODETIC SATELLITES
 . . . **EXPLORER 29 SATELLITE**
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 29 SATELLITE**
 RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 DELTA LAUNCH VEHICLE
 GEOS 1 SATELLITE
 LARGOS SATELLITE
 PAGEOS SATELLITE

EXPLORER 30 SATELLITE

UF SE-A
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 30 SATELLITE**
 RT SCOUT LAUNCH VEHICLE

EXPLORER 31 SATELLITE

UF DME-A SATELLITE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . EXPLORER SATELLITES
 . . . **EXPLORER 31 SATELLITE**

EXPLORER 31 SATELLITE--(cont.)
RT THOR AGENA LAUNCH VEHICLE

EXPLORER 32 SATELLITE
UF AE-B SATELLITE
ATMOSPHERE EXPLORER B
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 32 SATELLITE**
RT DELTA LAUNCH VEHICLE

EXPLORER 33 SATELLITE
UF AIMP-D
AIMP-1
IMP-D
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 33 SATELLITE**
RT DELTA LAUNCH VEHICLE

EXPLORER 34 SATELLITE
UF IMP-F
IMP-4
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 34 SATELLITE**
RT THOR AGENA LAUNCH VEHICLE

EXPLORER 35 SATELLITE
UF AIMP-E
AIMP-2
IMP-E
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 35 SATELLITE**
RT THOR AGENA LAUNCH VEHICLE

EXPLORER 36 SATELLITE
GS ARTIFICIAL SATELLITES
. GEODETIC SATELLITES
... **EXPLORER 36 SATELLITE**
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 36 SATELLITE**
RT ACTIVE SATELLITES
ANNA SATELLITES
CELESTIAL GEODESY
GEOS 2 SATELLITE
LARGOS SATELLITE
PAGEOS SATELLITE
THOR AGENA LAUNCH VEHICLE

EXPLORER 37 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 37 SATELLITE**
RT SCOUT LAUNCH VEHICLE

EXPLORER 38 SATELLITE
UF RAE-1
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 38 SATELLITE**
RT DELTA LAUNCH VEHICLE

EXPLORER 39 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 39 SATELLITE**
RT SCOUT LAUNCH VEHICLE

EXPLORER 40 SATELLITE
UF INJUN 5 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 40 SATELLITE**
RT SCOUT LAUNCH VEHICLE

EXPLORER 41 SATELLITE
UF IMP-G
IMP-5
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 41 SATELLITE**

EXPLORER 42 SATELLITE
USE UHURU SATELLITE

EXPLORER 43 SATELLITE
UF IMP-1
IMP-6
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 43 SATELLITE**
RT DELTA LAUNCH VEHICLE

EXPLORER 44 SATELLITE
UF SOLRAD 10 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 44 SATELLITE**

EXPLORER 45 SATELLITE
GS ARTIFICIAL SATELLITES
. GEOPHYSICAL SATELLITES
... **EXPLORER 45 SATELLITE**
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 45 SATELLITE**

EXPLORER 46 SATELLITE
UF METEOROID TECHNOLOGY SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 46 SATELLITE**

EXPLORER 47 SATELLITE
UF IMP-H
IMP-7
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 47 SATELLITE**

EXPLORER 48 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 48 SATELLITE**
RT SAS
SAS-2

EXPLORER 49 SATELLITE
UF RADIO ASTRONOMY EXPLORER B
RADIO ASTRONOMY EXPLORER 2
RAE B
RAE 1
RAE 2
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 49 SATELLITE**
RT DELTA LAUNCH VEHICLE

EXPLORER 50 SATELLITE
UF IMP-J
IMP-8
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 50 SATELLITE**

EXPLORER 51 SATELLITE
UF AE-C SATELLITE
ATMOSPHERE EXPLORER C
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 51 SATELLITE**

EXPLORER 52 SATELLITE
UF HAWKEYE 1 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 52 SATELLITE**

EXPLORER 53 SATELLITE
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
... **EXPLORER 53 SATELLITE**
OBSERVATORIES
. ASTRONOMICAL OBSERVATORIES
. ASTRONOMICAL SATELLITES
... SAS

EXPLORER 53 SATELLITE--(cont.)
... **EXPLORER 53 SATELLITE**
RT SAS-3

EXPLORER 54 SATELLITE
UF AE-D SATELLITE
ATMOSPHERE EXPLORER D
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 54 SATELLITE**

EXPLORER 55 SATELLITE
UF AE-E SATELLITE
ATMOSPHERE EXPLORER E
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. EXPLORER SATELLITES
... **EXPLORER 55 SATELLITE**
RT DELTA LAUNCH VEHICLE

EXPLOSION SUPPRESSION
RT FIRE PREVENTION
FOAMS
RETARDANTS

EXPLOSIONS
GS **EXPLOSIONS**
. AERIAL EXPLOSIONS
. CHEMICAL EXPLOSIONS
. GAS EXPLOSIONS
. NUCLEAR EXPLOSIONS
. THERMONUCLEAR EXPLOSIONS
. UNDERGROUND EXPLOSIONS
. UNDERWATER EXPLOSIONS
RT ACCIDENTS
BACKFIRE
BLAST LOADS
∞ BLASTS
BURSTS
COMBUSTION
DETONATION
∞ DISCHARGE
EXPLOSIVE DECOMPRESSION
EXPLOSIVES
FIRES
FLAME PROPAGATION
∞ FLASH
FLASHBACK
HAZARDS
HYDROCARBON COMBUSTION
IMPLOSIONS
REACTOR SAFETY
RIEMANN WAVES
SAFETY
SHOCK WAVES
SOUND PRESSURE
SPONTANEOUS COMBUSTION
WARNING SYSTEMS

EXPLOSIVE DECOMPRESSION
GS PRESSURE REDUCTION
... **EXPLOSIVE DECOMPRESSION**
RT EXPLOSIONS
IMPLOSIONS
PRESSURE RECOVERY
PRESSURIZED CABINS

EXPLOSIVE DEVICES
UF CARTRIDGE ACTUATED DEVICES
GS **EXPLOSIVE DEVICES**
. BOMBS (ORDNANCE)
. INITIATORS (EXPLOSIVES)
. BOOSTERS (EXPLOSIVES)
. CAPS (EXPLOSIVES)
. DETONATORS
. EXPLODING WIRES
. PRIMERS (EXPLOSIVES)
. NUCLEAR DEVICES
. SHAPED CHARGES
. TORPEDOES
RT ACTUATORS
AMMUNITION
∞ CHARGING
∞ DEVICES
IGNITERS
∞ PROPELLANT ACTUATED DEVICES
WARHEADS

EXPLOSIVE FORMING
GS FORMING TECHNIQUES
. COLD WORKING
... **EXPLOSIVE FORMING**
METAL WORKING
... **EXPLOSIVE FORMING**

EXPLOSIVE FORMING--(cont.)

RT BULGING
DEEP DRAWING
ELECTROHYDRAULIC FORMING
EXTRUDING
SHAPED CHARGES

EXPLOSIVE GASES

USE FLAMMABLE GASES

EXPLOSIVE WELDING

GS BONDING
. **EXPLOSIVE WELDING**
WELDING
. PRESSURE WELDING
. **EXPLOSIVE WELDING**
RT CLADDING
METAL BONDING
METAL JOINTS
METAL WORKING
METAL-METAL BONDING

EXPLOSIVES

GS **EXPLOSIVES**
. BSX
. CELLULOSE NITRATE
. DYNAMITE
. HMX
. HYDRAZINE NITROFORM
. HYDROGEN AZIDES
. NITRASOL EXPLOSIVES
. OCTOL (EXPLOSIVE)
. PENTOLITE
. RDX
. STYPHNATES
. TATB
. TETRYL
. TRINITROTOLUENE
RT AMMONIUM PICRATES
AMMUNITION
AZIDES (ORGANIC)
BOMBS (ORDNANCE)
BURNING RATE
CASE BONDED PROPELLANTS
∞CHARGING
CHEMICAL EXPLOSIONS
CHEMICAL FUELS
COMPOSITE PROPELLANTS
DETONATORS
DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
EXPLOSIONS
FIRES
FLAMMABLE GASES
FULMINATES
GUN PROPELLANTS
GUNS (ORDNANCE)
NITROGLYCERIN
NITROGUANIDINE
NITROMETHANE
NUCLEAR WEAPONS
ORDNANCE
PETN
PLASTIC PROPELLANTS
POTASSIUM PERCHLORATES
POWDER (PARTICLES)
PROPELLANTS
PYROPHORIC MATERIALS
PYROTECHNICS
SHAPED CHARGES
SODIUM AZIDES
TAGN
TORPEDOES
WARHEADS

EXPONENTIAL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
. COMPLEX VARIABLES
. **EXPONENTIAL FUNCTIONS**
. LOGARITHMS
FUNCTIONS (MATHEMATICS)
. TRANSCENDENTAL FUNCTIONS
. **EXPONENTIAL FUNCTIONS**
. LOGARITHMS
RT FOURIER ANALYSIS
HYPERBOLIC FUNCTIONS
ORTHOGONAL FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
WEIBULL DENSITY FUNCTIONS

EXPONENTS

GS NUMBER THEORY
. **EXPONENTS**

EXPONENTS--(cont.)

RT ARITHMETIC
FRACTALS
LOGARITHMS

EXPORTS

USE INTERNATIONAL TRADE

EXPOS (SPACELAB PAYLOAD)

UF X RAY SPECTROPOLARIMETRY
PAYLOAD
GS PAYLOADS
. **EXPOS (SPACELAB PAYLOAD)**
RT EUROPEAN SPACE AGENCY
SPACELAB

EXPOSURE

RT ATMOSPHERIC EFFECTS
BEARING (DIRECTION)
COLD TOLERANCE
DOSIMETERS
IRRADIATION
PHOTOGRAPHY
POSITION (LOCATION)
POSITIONING
RADIATION DOSAGE
TIME
TRINITROTOLUENE
WEATHERING

EXPRESSIONS (MATHEMATICS)

USE FORMULAS (MATHEMATICS)

EXPULSION

RT ACCELERATION (PHYSICS)
CIRCUIT PROTECTION
DISPOSAL
DUMPING
EJECTION
EMPTYING
EXCRETION
EXHAUST VELOCITY
EXPELLANTS
EXPIRATION
FLUID FLOW
GRAVITY GRADIENT SATELLITES
JETTISONING
PARTICLE EMISSION
PRESSURIZING
REMOVAL
UNLOADING

EXPULSION BLADDERS

GS DIAPHRAGMS (MECHANICS)
. **EXPULSION BLADDERS**
RT BELLOWS
EJECTION
EMPTYING
EXPANDABLE STRUCTURES
FUEL TANK PRESSURIZATION
FUEL TANKS
PRESSURIZING
PROPELLANT STORAGE
PROPELLANT TANKS
STORAGE TANKS

EXTARS

USE X RAY STARS

EXTENDED DURATION SPACE FLIGHT

USE LONG DURATION SPACE FLIGHT

EXTENSIONS

GS **EXTENSIONS**
. PROLONGATION
RT ACCESSORIES
ADAPTERS
CONTRACTS
DECONTAMINATION
EXPANSION
FILLING
FITTINGS
INSURANCE (CONTRACTS)
REVISIONS
SUPPLEMENTS

EXTENSOMETERS

UF DILATOMETERS
GS MEASURING INSTRUMENTS
. **EXTENSOMETERS**
RT DEFORMETERS
DILATOMETRY
ELASTOMETERS
MECHANICAL MEASUREMENT

EXTENSOMETERS--(cont.)

STRAIN GAGES
STRESS MEASUREMENT
TENSOMETERS
THERMAL EXPANSION
TRANSDUCERS

EXTERNAL COMBUSTION ENGINES

GS ENGINES
. **EXTERNAL COMBUSTION ENGINES**
. STIRLING ENGINES
RT AUTOMOBILE ENGINES
BOILERS
GAS TURBINE ENGINES
INTERNAL COMBUSTION ENGINES
PISTON ENGINES

EXTERNAL STORE SEPARATION

UF STORE RELEASE
RT NACELLES
PODS (EXTERNAL STORES)
PROTUBERANCES
∞SEPARATION
∞STORAGE
WING TANKS
WING-FUSELAGE STORES

EXTERNAL STORES

GS **EXTERNAL STORES**
. PODS (EXTERNAL STORES)
RT NACELLES
PROTUBERANCES
∞STORAGE
WING TANKS
WING-FUSELAGE STORES

EXTERNAL SURFACE CURRENTS

GS ELECTRIC CURRENT
. **EXTERNAL SURFACE CURRENTS**
RT ∞CURRENTS
ELECTRIC FIELDS
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC MISSILES
ELECTROMAGNETIC PULSES
LEVITATION MELTING
PHOTOELECTRIC EMISSION
SPACECRAFT CHARGING
∞SURFACES
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

EXTERNAL TANKS

GS TANKS (CONTAINERS)
. **EXTERNAL TANKS**
RT FUEL TANKS
NACELLES
PROPELLANT TANKS
SPACE SHUTTLE ASCENT STAGE
STORAGE TANKS
WING TANKS

EXTERNALLY BLOWN FLAPS

UF BLOWN FLAPS
EBF
GS AIRFOILS
. FLAPS (CONTROL SURFACES)
. **EXTERNALLY BLOWN FLAPS**
. UPPER SURFACE BLOWN FLAPS
CONTROL SURFACES
. FLAPS (CONTROL SURFACES)
. **EXTERNALLY BLOWN FLAPS**
. UPPER SURFACE BLOWN FLAPS
RT JET FLAPS
LIFT
LIFT DEVICES
POWERED LIFT AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SPANWISE BLOWING
WING FLAPS
WING NACELLE CONFIGURATIONS

EXTINCTION

GS **EXTINCTION**
. INTERSTELLAR EXTINCTION
RT CENOZOIC ERA
CRETACEOUS-TERTIARY BOUNDARY
EVOLUTION (DEVELOPMENT)
EXTINGUISHING
FADING
FLUORESCENCE
LASER INDUCED FLUORESCENCE
NEMESIS (STAR)

EXTINGUISHERS

USE FIRE EXTINGUISHERS

EXTINGUISHING

- UF FLAME QUENCHING
- GS **EXTINGUISHING**
 - . FLAMEOUT
- RT BURNOUT
 - COMBUSTION
 - EXTINCTION
 - OCCULTATION
- ∞ QUENCHING
 - QUENCHING (COOLING)

EXTRACTION

- GS **EXTRACTION**
 - . GEOTHERMAL ENERGY EXTRACTION
 - . ION EXTRACTION
 - . SOLVENT EXTRACTION
- RT BEDS (PROCESS ENGINEERING)
 - BENEFICIATION
 - CENTRIFUGES
 - CENTRIFUGING
 - COLUMNS (PROCESS ENGINEERING)
 - CONCENTRATING
 - DIALYSIS
 - DIFFUSION
 - DISSOLVING
 - ELUTION
 - FILTRATION
 - FURNACES
 - HYDROLYSIS
 - LEACHING
 - MATERIAL ABSORPTION
 - MATERIALS RECOVERY
 - MELTING
 - OSMOSIS
 - PERCOLATION
 - RECYCLING
 - REFINING
 - REMOVAL
- ∞ SEPARATION
 - SOLVENTS
 - SORPTION
 - WASHERS (CLEANERS)

EXTRAGALACTIC LIGHT

- USE EXTRATERRESTRIAL RADIATION

EXTRAGALACTIC MEDIA

- USE INTERGALACTIC MEDIA

EXTRAGALACTIC RADIO SOURCES

- GS CELESTIAL BODIES
 - . RADIO SOURCES (ASTRONOMY)
 - . **EXTRAGALACTIC RADIO SOURCES**
 - . . . RADIO GALAXIES
 - . . . RADIO JETS (ASTRONOMY)
- RT BL LACERTAE OBJECTS
 - BLAZARS
 - EXTRATERRESTRIAL RADIATION
 - EXTRATERRESTRIAL RADIO WAVES
 - QUASARS
 - RADIATION SOURCES
 - RADIO ASTRONOMY
 - RADIO EMISSION
- ∞ SOURCES

EXTRAPOLATION

- RT FINITE DIFFERENCE THEORY
 - FORECASTING
 - INTERPOLATION
 - PERIODIC VARIATIONS
 - QUALITY CONTROL
 - STATISTICAL ANALYSIS
- ∞ TESTS
 - TIME SERIES ANALYSIS
 - TRENDS

EXTRASENSORY PERCEPTION

- UF PARAPSYCHOLOGY
- GS PERCEPTION
 - . SENSORY PERCEPTION
 - . **EXTRASENSORY PERCEPTION**

EXTRASOLAR PLANETS

- GS CELESTIAL BODIES
 - . PLANETS
 - . **EXTRASOLAR PLANETS**
- RT GAS GIANT PLANETS
 - PLANETARY SYSTEMS

EXTRATERRESTRIAL COMMUNICATION

- GS TELECOMMUNICATION
 - . SPACE COMMUNICATION
 - . **EXTRATERRESTRIAL COMMUNICATION**
- RT INFORMATION DISSEMINATION

EXTRATERRESTRIAL COMMUNICATION--(cont.)

- INTERPLANETARY COMMUNICATION
- RADIO TELEMETRY

EXTRATERRESTRIAL ENVIRONMENTS

- GS ENVIRONMENTS
 - . **EXTRATERRESTRIAL ENVIRONMENTS**
 - . . . CISLUNAR SPACE
 - . . . DEEP SPACE
 - . . . INTERPLANETARY SPACE
 - . . . INTERSTELLAR SPACE
 - . . . EARTH ORBITAL ENVIRONMENTS
 - . . . LUNAR ENVIRONMENT
 - . . . LUNAR ATMOSPHERE
 - . . . PLANETARY ENVIRONMENTS
 - . . . MARS ENVIRONMENT
 - . . . MARS ATMOSPHERE
 - . . . PLANETARY ATMOSPHERES
 - . . . HELIUM HYDROGEN ATMOSPHERES
 - . . . JUPITER ATMOSPHERE
 - . . . MARS ATMOSPHERE
 - . . . MERCURY ATMOSPHERE
 - . . . NEPTUNE ATMOSPHERE
 - . . . PLANETARY IONOSPHERES
 - . . . PLUTO ATMOSPHERE
 - . . . SATURN ATMOSPHERE
 - . . . URANUS ATMOSPHERE
 - . . . VENUS ATMOSPHERE
 - . . . VENUS CLOUDS
 - . . . PLANETARY MAGNETOSPHERES
 - . . . PLANETARY MAGNETOTAILS
 - . . . SATELLITE ATMOSPHERES
 - . . . LUNAR ATMOSPHERE
 - . . . STELLAR ATMOSPHERES
 - . . . CHROMOSPHERE
 - . . . SOLAR ATMOSPHERE
 - . . . SOLAR TRANSITION REGION
- RT AEROSPACE ENVIRONMENTS
 - HIGH GRAVITY ENVIRONMENTS
 - LONG DURATION SPACE FLIGHT
 - MERCURY SURFACE
 - SPACE EXPLORATION
 - SPACECRAFT ENVIRONMENTS
 - VENUS SURFACE

EXTRATERRESTRIAL INTELLIGENCE

- GS INTELLIGENCE
 - . **EXTRATERRESTRIAL INTELLIGENCE**
- RT INTERSTELLAR COMMUNICATION
 - INTERSTELLAR TRAVEL
 - PROJECT SETI
 - SPACE COMMUNICATION
 - UNIDENTIFIED FLYING OBJECTS

EXTRATERRESTRIAL LIFE

- GS LIFE SCIENCES
 - . **EXTRATERRESTRIAL LIFE**
- RT AEROSPACE ENVIRONMENTS
 - BIOSATELLITES
 - EXOBIOLGY
 - GULLIVER PROGRAM
 - LIFE DETECTORS
 - PANSPERMIA

EXTRATERRESTRIAL MATTER

- GS **EXTRATERRESTRIAL MATTER**
 - . COSMIC GASES
 - . . . INTERPLANETARY GAS
 - . . . INTERSTELLAR GAS
 - . . . COSMIC PLASMA
 - . . . INTERSTELLAR MATTER
 - . . . DARK MATTER
 - . . . INTERSTELLAR GAS
- RT COSMOCHEMISTRY
 - DEGENERATE MATTER
 - MATTER (PHYSICS)
 - NEGATIVE MATTER
 - VENUS FLY TRAP ROCKET VEHICLE

EXTRATERRESTRIAL RADIATION

- UF EXTRAGALACTIC LIGHT
 - SPACE RADIATION
- GS **EXTRATERRESTRIAL RADIATION**
 - . EXTRATERRESTRIAL RADIO WAVES
 - . . . GALACTIC RADIO WAVES
 - . . . NORTH POLAR SPUR (ASTRONOMY)
 - . . . RADIO BURSTS
 - . . . SOLAR RADIO BURSTS
 - . . . TYPE 2 BURSTS
 - . . . TYPE 3 BURSTS
 - . . . TYPE 4 BURSTS
 - . . . TYPE 5 BURSTS
 - . . . SOLAR RADIO EMISSION
 - . . . SOLAR RADIO BURSTS

EXTRATERRESTRIAL RADIO WAVES**EXTRATERRESTRIAL RADIATION--(cont.)**

- . . . TYPE 2 BURSTS
- . . . TYPE 3 BURSTS
- . . . TYPE 4 BURSTS
- . . . TYPE 5 BURSTS
- . . . GALACTIC RADIATION
- . . . GALACTIC COSMIC RAYS
- . . . GALACTIC RADIO WAVES
- . . . NORTH POLAR SPUR (ASTRONOMY)
- . . . GAMMA RAY BURSTS
- . . . GEGENSCHNEIN
- . . . INTERSTELLAR RADIATION
- . . . LUNAR RADIATION
- . . . PLANETARY RADIATION
- . . . PRIMARY COSMIC RAYS
- . . . SOLAR COSMIC RAYS
- . . . SOLAR RADIATION
- . . . CIRCUMSOLAR RADIATION
- . . . SOLAR CORPUSCULAR RADIATION
- . . . SOLAR ELECTRONS
- . . . SOLAR NEUTRINOS
- . . . SOLAR NEUTRONS
- . . . SOLAR PROTONS
- . . . SOLAR COSMIC RAYS
- . . . SOLAR RADIO EMISSION
- . . . SOLAR RADIO BURSTS
- . . . TYPE 2 BURSTS
- . . . TYPE 3 BURSTS
- . . . TYPE 4 BURSTS
- . . . TYPE 5 BURSTS
- . . . SOLAR WIND
- . . . SOLAR X-RAYS
- . . . SUNLIGHT
- . . . STELLAR RADIATION
- . . . STELLAR WINDS
- . . . ZODIACAL LIGHT
- RT AEROSPACE ENVIRONMENTS
- ∞ AEROSPACE SCIENCES
 - ATMOSPHERIC RADIATION
 - BACKGROUND RADIATION
 - CORPUSCULAR RADIATION
 - COSMIC RAYS
 - COSMIC X RAYS
 - CRRES (SATELLITE)
 - EARTH ORBITAL ENVIRONMENTS
 - ELECTROMAGNETIC NOISE
 - ELECTROMAGNETIC RADIATION
 - ELECTRON ACCELERATION
 - EXTRAGALACTIC RADIO SOURCES
 - LIGHT (VISIBLE RADIATION)
 - LYMAN ALPHA RADIATION
 - LYMAN BETA RADIATION
 - MICROWAVE EMISSION
 - POLARIZED ELECTROMAGNETIC RADIATION
 - POLARIZED RADIATION
- ∞ RADIATION
 - RADIATION BELTS
 - RADIATIVE TRANSFER
 - RADIO JETS (ASTRONOMY)
 - RADIO WAVES
- ∞ RAYS
 - RELIC RADIATION
 - SYNCHROTRON RADIATION
 - SYSTEM GENERATED
 - ELECTROMAGNETIC PULSES
 - TERRESTRIAL RADIATION
 - X RAYS

EXTRATERRESTRIAL RADIO WAVES

- UF COSMIC RADIO WAVES
- GS ELECTROMAGNETIC RADIATION
 - . RADIO WAVES
 - . **EXTRATERRESTRIAL RADIO WAVES**
 - . . . GALACTIC RADIO WAVES
 - . . . RADIO BURSTS
 - . . . SOLAR RADIO BURSTS
 - . . . TYPE 2 BURSTS
 - . . . TYPE 3 BURSTS
 - . . . TYPE 4 BURSTS
 - . . . TYPE 5 BURSTS
 - . . . SOLAR RADIO EMISSION
 - . . . SOLAR RADIO BURSTS
 - . . . TYPE 2 BURSTS
 - . . . TYPE 3 BURSTS
 - . . . TYPE 4 BURSTS
 - . . . TYPE 5 BURSTS
- EXTRATERRESTRIAL RADIATION
 - . **EXTRATERRESTRIAL RADIO WAVES**
 - . . . GALACTIC RADIO WAVES
 - . . . NORTH POLAR SPUR (ASTRONOMY)
 - . . . RADIO BURSTS
 - . . . SOLAR RADIO BURSTS
 - . . . TYPE 2 BURSTS
 - . . . TYPE 3 BURSTS
 - . . . TYPE 4 BURSTS

EXTRATERRESTRIAL RADIO WAVES--(cont.)

- ... TYPE 5 BURSTS
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- RT CENTIMETER WAVES
- EXTRAGALACTIC RADIO SOURCES
- MICROWAVE EMISSION
- MICROWAVES
- MILLIMETER WAVES
- RADIO ASTRONOMY
- RADIO EMISSION
- RADIO FREQUENCY INTERFERENCE
- RADIO JETS (ASTRONOMY)
- RADIO SOURCES (ASTRONOMY)

EXTRATERRESTRIAL RESOURCES

- GS RESOURCES
- ... **EXTRATERRESTRIAL RESOURCES**
- ... LUNAR RESOURCES
- RT LUNAR EXPLORATION
- PLANETARY BASES
- SPACE EXPLORATION
- SPACE LOGISTICS

EXTRATERRESTRIAL ROVING VEHICLES

- USE ROVING VEHICLES

EXTRAVEHICULAR ACTIVITY

- SN (ACTIVITY OUTSIDE THE SPACECRAFT)
- UF EVA
- RT ∞ ACTIVITY
- AEPS
- AEROSPACE ENVIRONMENTS
- APOLLO EXTENSION SYSTEM
- ASTRONAUT LOCOMOTION
- ASTRONAUT MANEUVERING EQUIPMENT
- EXTRAVEHICULAR MOBILITY UNITS
- IMLSS
- INTRAVEHICULAR ACTIVITY
- MAN OPERATED PROPULSION SYSTEMS
- MANNED MANEUVERING UNITS
- MANNED SPACE FLIGHT
- ORBITAL WORKERS
- SELF MANEUVERING UNITS
- SPACE FLIGHT
- SPACE MAINTENANCE
- SPACE SHUTTLE PAYLOADS
- UMBILICAL CONNECTORS
- WEIGHTLESSNESS

EXTRAVEHICULAR MOBILITY UNITS

- SN (LIMITED TO SPACE SUIT UNITS OF THAT NAME DESIGNED FOR THE SPACE TRANSPORTATION SYSTEM)
- GS CLOTHING
- ... PROTECTIVE CLOTHING
- ... PRESSURE SUITS
- ... SPACE SUITS
- ... **EXTRAVEHICULAR MOBILITY UNITS**
- ... SUITS
- ... PRESSURE SUITS
- ... SPACE SUITS
- ... **EXTRAVEHICULAR MOBILITY UNITS**
- RT ASTRONAUT LOCOMOTION
- ASTRONAUT MANEUVERING EQUIPMENT
- EXTRAVEHICULAR ACTIVITY
- IMLSS
- LIFE SUPPORT SYSTEMS
- SELF MANEUVERING UNITS
- SPACE TRANSPORTATION SYSTEM

EXTREMA

- USE RANGE (EXTREMES)

EXTREME ULTRAVIOLET EXPLORER SATELLITE

- UF EUVE
- GS ARTIFICIAL SATELLITES
- ... SCIENTIFIC SATELLITES
- ... EXPLORER SATELLITES
- ... **EXTREME ULTRAVIOLET EXPLORER SATELLITE**
- RT IUE
- ULTRAVIOLET ASTRONOMY

EXTREME ULTRAVIOLET RADIATION

- GS ELECTROMAGNETIC RADIATION
- ... ULTRAVIOLET RADIATION
- ... **EXTREME ULTRAVIOLET RADIATION**
- IONIZING RADIATION

EXTREME ULTRAVIOLET RADIATION--(cont.)

- ... **EXTREME ULTRAVIOLET RADIATION**
- RT BEAMS (RADIATION)
- IONIZING RADIATION
- MAGELLAN ULTRAVIOLET ASTRONOMY
- SATELLITE
- ∞ RADIATION
- SOLAR RADIATION

EXTREMELY HIGH FREQUENCIES

- SN (30 TO 300 GHZ)
- UF K BAND
- KA BAND
- V BAND
- GS FREQUENCIES
- ... RADIO FREQUENCIES
- ... MICROWAVE FREQUENCIES
- ... **EXTREMELY HIGH FREQUENCIES**
- RT ACTS
- MILLIMETER WAVES

EXTREMELY LOW FREQUENCIES

- GS FREQUENCIES
- ... **EXTREMELY LOW FREQUENCIES**
- RT LOW FREQUENCIES
- RADIO FREQUENCIES
- SEAFARER PROJECT

EXTREMELY LOW RADIO FREQUENCIES

- SN (BELOW 300 HZ)
- UF ULTRALOW FREQUENCIES
- GS FREQUENCIES
- ... RADIO FREQUENCIES
- ... **EXTREMELY LOW RADIO FREQUENCIES**
- RT AUDIO FREQUENCIES

EXTREMUM VALUES

- GS ANALYSIS (MATHEMATICS)
- ... REAL VARIABLES
- ... **EXTREMUM VALUES**
- ... LIMITS (MATHEMATICS)
- ... MAXIMA
- ... MINIMA
- RT EULER-LAGRANGE EQUATION
- FUNCTIONS (MATHEMATICS)
- OPTIMIZATION
- ∞ PEAKS
- PROBABILITY THEORY

EXTROVERSION

- RT BEHAVIOR
- HUMAN BEHAVIOR
- PSYCHOLOGY

EXTRUDING

- UF HOT EXTRUDING
- GS FORMING TECHNIQUES
- ... **EXTRUDING**
- ... PULTRUSION
- RT CASTING
- CLADDING
- COLD WORKING
- DIES
- ∞ DRAWING
- EXPLOSIVE FORMING
- INJECTION MOLDING
- INTRUSION
- METAL SPINNING
- METAL WORKING
- PIERCING
- PRESSING (FORMING)
- SQUEEZE CASTING
- WET SPINNING

EYE (ANATOMY)

- GS ANATOMY
- ... SENSE ORGANS
- ... **EYE (ANATOMY)**
- ... CHOROID MEMBRANES
- ... CONJUNCTIVA
- ... CORNEA
- ... OCULOMOTOR NERVES
- ... PUPILS
- ... RETINA
- ... FOVEA
- RT ACCOMMODATION
- COLOR VISION
- FACE (ANATOMY)
- HEAD (ANATOMY)
- LENSES
- MIOSIS
- NYSTAGMUS
- OPHTHALMODYNAMOMETRY
- OPHTHALMOLOGY

EYE (ANATOMY)--(cont.)

- OPTOMETRY
- PHOTORECEPTORS
- VESTIBULAR NYSTAGMUS
- VISION

EYE DISEASES

- GS DISEASES
- ... **EYE DISEASES**
- ... ASTHENOPIA
- ... ASTIGMATISM
- ... CATARACTS
- ... CONJUNCTIVITIS
- ... GLAUCOMA
- ... KERATITIS
- ... PHORIA
- RT BLINDNESS
- HYPEROPIA
- OPHTHALMOLOGY

EYE DOMINANCE

- GS DOMINANCE
- ... **EYE DOMINANCE**
- RT VISION

EYE EXAMINATIONS

- GS EXAMINATION
- ... **EYE EXAMINATIONS**
- RT ELECTRONYSTAGMOGRAPHY
- HAPLOSOPES
- OPHTHALMOLOGY

EYE MOVEMENTS

- GS **EYE MOVEMENTS**
- ... NYSTAGMUS
- ... VESTIBULAR NYSTAGMUS
- ... SACCADIC EYE MOVEMENTS
- RT BLINKING
- ELECTRONYSTAGMOGRAPHY
- HEAD MOVEMENT
- OCULOMETERS
- RAPID EYE MOVEMENT STATE
- VISUAL TASKS

EYE PROTECTION

- GS PROTECTION
- ... **EYE PROTECTION**
- RT FLASH BLINDNESS
- GOGGLES
- SUNGLASSES
- VISORS

EYEPieces

- GS OPTICAL EQUIPMENT
- ... **EYEPieces**
- RT BINOCULARS
- CONTACT LENSES
- LENSES
- MICROSCOPES
- PERISCOPES
- RETICLES
- SUNGLASSES
- TELESCOPES

EYRING THEORY

- GS KINETIC THEORY
- ... TRANSPORT THEORY
- ... **EYRING THEORY**
- RT EQUILIBRIUM FLOW
- FLUID DYNAMICS
- ∞ THEORIES

F**F CENTERS**

- USE COLOR CENTERS

F DISPLAYS

- USE F REGION

F LAYER

- USE F REGION

F REGION

- SN (ALTITUDES ABOVE APPROXIMATELY 160 KM)
- UF F DISPLAYS
- F LAYER
- NIGHT F LAYER
- GS EARTH ATMOSPHERE
- ... UPPER ATMOSPHERE

F REGION--(cont.)

.. EARTH IONOSPHERE
 ... UPPER IONOSPHERE
 **F REGION**
 F 1 REGION
 F 2 REGION
 REGIONS
 . **F REGION**
 .. F 1 REGION
 .. F 2 REGION
 RT PLASMA BUBBLES

F STARS

GS CELESTIAL BODIES
 . STARS
 .. **F STARS**
 RT BLUE STARS
 DWARF STARS
 G STARS
 GIANT STARS
 MAIN SEQUENCE STARS
 STELLAR SPECTRA

F 1 REGION

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 .. EARTH IONOSPHERE
 ... UPPER IONOSPHERE
 **F REGION**
 F 1 REGION
 REGIONS
 . **F REGION**
 .. F 1 REGION

F 2 REGION

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 .. EARTH IONOSPHERE
 ... UPPER IONOSPHERE
 **F REGION**
 F 2 REGION
 REGIONS
 . **F REGION**
 .. **F 2 REGION**
 RT SPREAD F
 TRANSEQUATORIAL PROPAGATION

F-1 ROCKET ENGINE

GS ENGINES
 . ROCKET ENGINES
 .. LIQUID PROPELLANT ROCKET ENGINES
 ... **F-1 ROCKET ENGINE**
 RT BOOSTER ROCKET ENGINES
 NOVA LAUNCH VEHICLES
 SATURN LAUNCH VEHICLES

F-2 AIRCRAFT

UF HAWKER HUNTER AIRCRAFT
 HUNTER F-2 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-2 AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 . **F-2 AIRCRAFT**
 . **F-2 AIRCRAFT**
 . **F-2 AIRCRAFT**
 MONOPLANES
 . **F-2 AIRCRAFT**
 RT ∞ AIRCRAFT

F-4 AIRCRAFT

UF F-110 AIRCRAFT
 F4H AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-4 AIRCRAFT**
 JET AIRCRAFT
 . PHANTOM AIRCRAFT
 .. **F-4 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 . MCDONNELL AIRCRAFT
 .. PHANTOM AIRCRAFT
 ... **F-4 AIRCRAFT**
 MONOPLANES
 . PHANTOM AIRCRAFT
 .. **F-4 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . PHANTOM AIRCRAFT
 .. **F-4 AIRCRAFT**
 RT ∞ AIRCRAFT
 J-79 ENGINE
 RF-4 AIRCRAFT

F-5 AIRCRAFT

UF FREEDOM FIGHTER AIRCRAFT
 N-156 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-5 AIRCRAFT**
 COIN AIRCRAFT
 . **F-5 AIRCRAFT**
 JET AIRCRAFT
 . **F-5 AIRCRAFT**
 MONOPLANES
 . **F-5 AIRCRAFT**
 NORTHROP AIRCRAFT
 . **F-5 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . **F-5 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **F-5 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-5 AIRCRAFT**
 RT ∞ AIRCRAFT

F-8 AIRCRAFT

UF CRUSADER AIRCRAFT
 F8U AIRCRAFT
 RF-8 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-8 AIRCRAFT**
 JET AIRCRAFT
 . **F-8 AIRCRAFT**
 LING-TEMCO-VOUGHT AIRCRAFT
 . **F-8 AIRCRAFT**
 MONOPLANES
 . **F-8 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-8 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-8 AIRCRAFT**
 RT ∞ AIRCRAFT

F-9 AIRCRAFT

UF COUGAR AIRCRAFT
 F9F AIRCRAFT
 PANTHER AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-9 AIRCRAFT**
 GRUMMAN AIRCRAFT
 . **F-9 AIRCRAFT**
 JET AIRCRAFT
 . **F-9 AIRCRAFT**
 MONOPLANES
 . **F-9 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-9 AIRCRAFT**
 RT ∞ AIRCRAFT

F-14 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-14 AIRCRAFT**
 GRUMMAN AIRCRAFT
 . **F-14 AIRCRAFT**
 JET AIRCRAFT
 . **F-14 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-14 AIRCRAFT**
 RT ∞ AIRCRAFT

F-15 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-15 AIRCRAFT**
 JET AIRCRAFT
 . **F-15 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-15 AIRCRAFT**
 RT ∞ AIRCRAFT

F-16 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-16 AIRCRAFT**
 JET AIRCRAFT
 . **F-16 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-16 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-16 AIRCRAFT**
 RT ∞ AIRCRAFT

F-17 AIRCRAFT

UF YF-17 AIRCRAFT
 GS ATTACK AIRCRAFT

F-17 AIRCRAFT--(cont.)

. FIGHTER AIRCRAFT
 . **F-17 AIRCRAFT**
 JET AIRCRAFT
 . **F-17 AIRCRAFT**
 MONOPLANES
 . **F-17 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-17 AIRCRAFT**
 RT ∞ AIRCRAFT
 F-18 AIRCRAFT

F-18 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-18 AIRCRAFT**
 JET AIRCRAFT
 . **F-18 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 . **F-18 AIRCRAFT**
 NORTHROP AIRCRAFT
 . **F-18 AIRCRAFT**
 RT ∞ AIRCRAFT
 F-17 AIRCRAFT

F-20 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-20 AIRCRAFT**
 JET AIRCRAFT
 . **F-20 AIRCRAFT**
 NORTHROP AIRCRAFT
 . **F-20 AIRCRAFT**

F-22 AIRCRAFT

UF ADVANCED TACTICAL FIGHTER
 ATF
 YF-22 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-22 AIRCRAFT**
 JET AIRCRAFT
 . **F-22 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-22 AIRCRAFT**
 RT ∞ AIRCRAFT

F-27 AIRCRAFT

UF FOKKER F 27 AIRCRAFT
 FOKKER FRIENDSHIP AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 .. **F-27 AIRCRAFT**
 FOKKER AIRCRAFT
 . **F-27 AIRCRAFT**
 JET AIRCRAFT
 . **F-27 AIRCRAFT**
 TURBOPROP AIRCRAFT
 . **F-27 AIRCRAFT**
 MONOPLANES
 . **F-27 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **F-27 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . **F-27 AIRCRAFT**
 RT ∞ AIRCRAFT

F-28 HELICOPTER

GS LIGHT AIRCRAFT
 . **F-28 HELICOPTER**
 PASSENGER AIRCRAFT
 . **F-28 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . RIGID ROTOR HELICOPTERS
 ... **F-28 HELICOPTER**

F-28 TRANSPORT AIRCRAFT

UF FELLOWSHIP AIRCRAFT
 FOKKER F 28 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **F-28 TRANSPORT AIRCRAFT**
 FOKKER AIRCRAFT
 . **F-28 TRANSPORT AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **F-28 TRANSPORT AIRCRAFT**
 MONOPLANES
 . **F-28 TRANSPORT AIRCRAFT**
 PASSENGER AIRCRAFT
 . **F-28 TRANSPORT AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **F-28 TRANSPORT AIRCRAFT**
 RT ∞ AIRCRAFT

F-80 AIRCRAFT

USE T-33 AIRCRAFT

F-84 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-84 AIRCRAFT**
 JET AIRCRAFT
 . **F-84 AIRCRAFT**
 MONOPLANES
 . **F-84 AIRCRAFT**
 REPUBLIC AIRCRAFT
 . **F-84 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-84 AIRCRAFT**
 RT ∞ AIRCRAFT

F-86 AIRCRAFT

UF SABRE AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-86 AIRCRAFT**
 JET AIRCRAFT
 . **F-86 AIRCRAFT**
 MONOPLANES
 . **F-86 AIRCRAFT**
 NORTH AMERICAN AIRCRAFT
 . **F-86 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-86 AIRCRAFT**
 RT ∞ AIRCRAFT

F-89 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-89 AIRCRAFT**
 JET AIRCRAFT
 . **F-89 AIRCRAFT**
 MONOPLANES
 . **F-89 AIRCRAFT**
 NORTHROP AIRCRAFT
 . **F-89 AIRCRAFT**
 RT ∞ AIRCRAFT

F-94 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-94 AIRCRAFT**
 JET AIRCRAFT
 . **F-94 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **F-94 AIRCRAFT**
 MONOPLANES
 . **F-94 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-94 AIRCRAFT**
 RT ∞ AIRCRAFT

F-100 AIRCRAFT

UF SUPER SABRE AIRCRAFT
 GS ATTACK AIRCRAFT
 . BOMBER AIRCRAFT
 . **F-100 AIRCRAFT**
 . FIGHTER AIRCRAFT
 . **F-100 AIRCRAFT**
 JET AIRCRAFT
 . **F-100 AIRCRAFT**
 MONOPLANES
 . **F-100 AIRCRAFT**
 NORTH AMERICAN AIRCRAFT
 . **F-100 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-100 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-100 AIRCRAFT**
 RT ∞ AIRCRAFT

F-101 AIRCRAFT

UF JF 101 AIRCRAFT
 VOODOO AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-101 AIRCRAFT**
 JET AIRCRAFT
 . **F-101 AIRCRAFT**
 MCDONNELL DOUGLAS AIRCRAFT
 . MCDONNELL AIRCRAFT
 . **F-101 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-101 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-101 AIRCRAFT**
 RT ∞ AIRCRAFT

F-102 AIRCRAFT

UF DELTA DAGGER AIRCRAFT
 YF-102 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-102 AIRCRAFT**
 GENERAL DYNAMICS AIRCRAFT
 . **F-102 AIRCRAFT**
 JET AIRCRAFT
 . **F-102 AIRCRAFT**
 MONOPLANES
 . **F-102 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-102 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-102 AIRCRAFT**
 TAILLESS AIRCRAFT
 . **F-102 AIRCRAFT**
 RT ∞ AIRCRAFT

F-104 AIRCRAFT

UF CANADAIR CF-104 AIRCRAFT
 CF-104 AIRCRAFT
 STARFIGHTER AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-104 AIRCRAFT**
 JET AIRCRAFT
 . **F-104 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **F-104 AIRCRAFT**
 MONOPLANES
 . **F-104 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-104 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-104 AIRCRAFT**
 RT ∞ AIRCRAFT

F-105 AIRCRAFT

UF THUNDERCHIEF AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-105 AIRCRAFT**
 JET AIRCRAFT
 . **F-105 AIRCRAFT**
 MONOPLANES
 . **F-105 AIRCRAFT**
 REPUBLIC AIRCRAFT
 . **F-105 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-105 AIRCRAFT**
 RT ∞ AIRCRAFT

F-106 AIRCRAFT

UF DELTA DART AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-106 AIRCRAFT**
 GENERAL DYNAMICS AIRCRAFT
 . **F-106 AIRCRAFT**
 JET AIRCRAFT
 . **F-106 AIRCRAFT**
 MONOPLANES
 . **F-106 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **F-106 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-106 AIRCRAFT**
 TAILLESS AIRCRAFT
 . **F-106 AIRCRAFT**
 RT ∞ AIRCRAFT

F-110 AIRCRAFT

USE F-4 AIRCRAFT

F-111 AIRCRAFT

UF LASV
 TFX AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-111 AIRCRAFT**
 GENERAL DYNAMICS AIRCRAFT
 . **F-111 AIRCRAFT**
 GRUMMAN AIRCRAFT
 . **F-111 AIRCRAFT**
 JET AIRCRAFT
 . **F-111 AIRCRAFT**
 TURBOFAN AIRCRAFT
 . **F-111 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **F-111 AIRCRAFT**
 RT ∞ AIRCRAFT
 MISSION ADAPTIVE WINGS
 VARIABLE SWEEP WINGS

F-117A AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **F-117A AIRCRAFT**
 JET AIRCRAFT
 . **F-117A AIRCRAFT**
 RT ∞ AIRCRAFT
 AIRCRAFT DETECTION
 BOMBER AIRCRAFT

FAB (PROGRAMMING LANGUAGE)

USE FORTRAN

FABRICATION

GS **FABRICATION**
 . SPACE MANUFACTURING
 RT ASSEMBLIES
 ASSEMBLING
 CONSTRUCTION
 LOW GRAVITY MANUFACTURING
 MANUFACTURING
 PRODUCTION MANAGEMENT
 RESIN TRANSFER MOLDING
 SQUEEZE CASTING

FABRICS

UF CLOTH
 GS **FABRICS**
 . CREPE
 . DACRON (TRADEMARK)
 . FELTS
 . FORTISAN (TRADEMARK)
 . GAUZE
 . LINEN
 . PARACHUTE FABRICS
 . SILK
 . WOOL
 RT CLOTHING
 COATINGS
 COTTON
 FIBERS
 ∞ FILMS
 FLAME RETARDANTS
 GEOTECHNICAL FABRICS
 GORES
 INTERLAYERS
 LAMINATES
 MESH
 MICARTA
 MULTILAYER INSULATION
 REINFORCING MATERIALS
 RIBBONS
 ∞ SHEETS
 SOCKS
 TEXTILES
 WEAVING
 WEBBING
 WEBS (SHEETS)
 WIRE CLOTH
 WOVEN COMPOSITES

FABRY-PEROT INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . **FABRY-PEROT INTERFEROMETERS**
 RT ETALONS
 MICROWAVE INTERFEROMETERS
 PLASMA DIAGNOSTICS

FABRY-PEROT LASERS

USE LASERS

FABRY-PEROT SPECTROMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . **FABRY-PEROT SPECTROMETERS**
 . SPECTROMETERS
 . **FABRY-PEROT SPECTROMETERS**
 RT ACTINOMETERS
 AIRGLOW
 AURORAL SPECTROSCOPY
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS

FACE (ANATOMY)

GS ANATOMY
 . **FACE (ANATOMY)**
 . CHIN
 . FOREHEAD
 . MOUTH
 . . . LIPS (ANATOMY)
 . . . NOSE (ANATOMY)
 RT EYE (ANATOMY)
 HEAD (ANATOMY)

FACE CENTERED CUBIC LATTICES

UF FCC LATTICES
 GS CRYSTAL LATTICES
 . CUBIC LATTICES
 . . **FACE CENTERED CUBIC LATTICES**
 RT BODY CENTERED CUBIC LATTICES
 CLOSE PACKED LATTICES
 CRYSTALS

FACETS

USE FLAT SURFACES

∞ FACILITIES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRPORTS
 ELECTRIC POWER PLANTS
 GROUND HANDLING
 INDUSTRIAL AREAS
 INDUSTRIAL PLANTS
 LAND USE
 LAUNCHING BASES
 LOGISTICS
 LOGISTICS MANAGEMENT
 MILITARY AIR FACILITIES
 MOBILE QUARANTINE FACILITY
 RESEARCH FACILITIES
 ROADS
 SITE SELECTION
 SITES
 SOLAR CELL CALIBRATION FACILITY
 STATIONS
 TERMINAL FACILITIES
 TEST FACILITIES
 X RAY ASTROPHYSICS FACILITY

FACSIMILE COMMUNICATION

UF FACSIMILE TRANSMISSION
 FAX
 GS TELECOMMUNICATION
 . COMMUNICATION
 . . **FACSIMILE COMMUNICATION**
 RT INTERPLANETARY COMMUNICATION
 LUNAR COMMUNICATION
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION
 TELETYPEWRITER SYSTEMS
 TELEVISION SYSTEMS
 TRANSOCEANIC COMMUNICATION
 WIRELESS COMMUNICATION

FACSIMILE TRANSMISSION

USE FACSIMILE COMMUNICATION

FACTOR ANALYSIS

GS STATISTICAL ANALYSIS
 . **FACTOR ANALYSIS**
 RT AUTOREGRESSIVE PROCESSES
 CORRELATION
 COVARIANCE
 DEGREES OF FREEDOM
 EXPERIMENT DESIGN
 FACTORIZATION
 MATRICES (MATHEMATICS)
 ORTHOGONALITY
 REGRESSION ANALYSIS
 STATISTICAL TESTS
 VARIABILITY
 VARIANCE (STATISTICS)

FACTORIAL DESIGN

GS EXPERIMENT DESIGN
 . **FACTORIAL DESIGN**
 RT ∞ DESIGN
 MATHEMATICAL MODELS
 STATISTICAL ANALYSIS

FACTORIALS

GS ANALYSIS (MATHEMATICS)
 . COMBINATORIAL ANALYSIS
 . . **FACTORIALS**
 RT BINOMIAL COEFFICIENTS
 GAMMA FUNCTION

FACTORIES

USE INDUSTRIAL PLANTS

FACTORIZATION

RT ALGORITHMS
 FACTOR ANALYSIS
 FINITE ELEMENT METHOD
 REAL VARIABLES

FACTORS

USE VARIABLE

FACULAE

UF PLAGES (FACULAE)
 SOLAR FACULAE
 GS STELLAR ACTIVITY
 . SOLAR ACTIVITY
 . . **FACULAE**
 RT ∞ ACTIVITY
 CHROMOSPHERE
 PHOTOSPHERE
 STARSPTS
 SUNSPOTS

FADDEEV EQUATIONS

RT ∞ EQUATIONS
 PARTICLE COLLISIONS
 SCATTERING AMPLITUDE
 WAVE SCATTERING

FADING

GS **FADING**
 . SIGNAL FADING
 . . SELECTIVE FADING
 RT ATTENUATION
 BLEACHING
 COLOR
 DISCOLORATION
 ELECTROMAGNETIC ABSORPTION
 EXTINCTION
 RECEPTION DIVERSITY
 SIGNAL FADING RATE
 WAVE DISPERSION

FAHRENHEIT TEMPERATURE SCALE

USE TEMPERATURE SCALES

FAIL-SAFE SYSTEMS

RT ∞ AUTOMATION
 EMERGENCIES
 FAULT TOLERANCE
 SAFETY DEVICES
 SAFETY MANAGEMENT
 SELF TESTS
 ∞ SYSTEMS

FAILURE

GS **FAILURE**
 . BURNTHROUGH (FAILURE)
 . ENGINE FAILURE
 . STRUCTURAL FAILURE
 . SYSTEM FAILURES
 RT ABORTED MISSIONS
 ∞ BREAKDOWN
 BUCKLING
 BURN-IN
 COLLAPSE
 CORROSION
 CRACKING (FRACTURING)
 CUMULATIVE DAMAGE
 DEFORMATION
 DESTRUCTION
 DETERIORATION
 DISTORTION
 DOWNTIME
 ELECTRICAL FAULTS
 FAILURE ANALYSIS
 FATIGUE (MATERIALS)
 FLASHOVER
 FRACTURES (MATERIALS)
 MALFUNCTIONS
 MILLS RATIO
 RUPTURING
 SHEARING
 SHORT CIRCUITS
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 WEAR

FAILURE ANALYSIS

RT ACOUSTIC EMISSION
 ∞ ANALYZING
 BURN-IN
 BURST TESTS
 FATIGUE LIFE
 FAULT DETECTION
 FAULT TOLERANCE
 LIFE (DURABILITY)
 MILLS RATIO
 MTBF
 PROBABILITY DENSITY FUNCTIONS
 RELIABILITY
 STATISTICAL ANALYSIS
 TREND ANALYSIS

FAILURE MODES

GS MODES
 . **FAILURE MODES**
 RT BUCKLING
 CRACKS
 ELASTIC BUCKLING
 FAULT DETECTION
 ∞ MODE
 MODE (STATISTICS)
 MTBF
 SHEARING

FAINT OBJECT CAMERA

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . **FAINT OBJECT CAMERA**
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **FAINT OBJECT CAMERA**
 RT ASTRONOMICAL PHOTOGRAPHY
 HUBBLE SPACE TELESCOPE
 INFRARED PHOTOGRAPHY
 OPTICAL MEASURING INSTRUMENTS
 SPACEBORNE ASTRONOMY
 SPACEBORNE TELESCOPES
 ULTRAVIOLET PHOTOGRAPHY

FAINT OBJECTS

GS CELESTIAL BODIES
 . **FAINT OBJECTS**
 RT GALAXIES
 STARS

FAINTING

USE SYNCOPE

FAIRCHILD MILITARY AIRCRAFT

USE FAIRCHILD-HILLER AIRCRAFT
 MILITARY AIRCRAFT

FAIRCHILD-HILLER AIRCRAFT

UF FAIRCHILD MILITARY AIRCRAFT
 GS **FAIRCHILD-HILLER AIRCRAFT**
 . C-119 AIRCRAFT
 . C-123 AIRCRAFT
 . OH-5 HELICOPTER
 . OH-23 HELICOPTER
 . XC-142 AIRCRAFT
 RT ∞ AIRCRAFT

FAIREY AIRCRAFT

GS **FAIREY AIRCRAFT**
 . FD 2 AIRCRAFT
 RT ∞ AIRCRAFT

FAIREY DELTA 2 AIRCRAFT

USE FD 2 AIRCRAFT

FAIRINGS

GS SYMMETRICAL BODIES
 . STREAMLINED BODIES
 . . **FAIRINGS**
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT STRUCTURES
 CANOPIES
 COWLINGS
 FILLETS
 HOUSINGS
 LANDING GEAR
 NACELLES
 OGIVES
 PERFORATED SHELLS
 PROTECTORS
 PROTUBERANCES
 SHEATHS
 SHELLS (STRUCTURAL FORMS)
 ∞ SPINNERS
 STREAMLINING
 WING ROOTS

FAITH 7

GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . . **FAITH 7**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . **FAITH 7**
 SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT
 . . **FAITH 7**
 SPACE CAPSULES
 . MERCURY SPACECRAFT
 . . **FAITH 7**

FAITH 7--(cont.)
 RT MERCURY MA-2 FLIGHT
 MERCURY MA-9 FLIGHT

FALCON MISSILE
 GS MISSILES
 . AIR TO AIR MISSILES
 . . **FALCON MISSILE**
 . . . ANTI-AIRCRAFT MISSILES
 . . . **FALCON MISSILE**
 RT M-46 ENGINE
 SOLID PROPELLANT ROCKET ENGINES

FALKNER-SKAN EQUATION
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . **FALKNER-SKAN EQUATION**
 RT BLASIUS EQUATION
 BOUNDARY LAYER SEPARATION
 ∞ EQUATIONS
 LAMINAR FLOW
 PRANDTL-MEYER EXPANSION
 WEDGE FLOW

FALLING
 RT ATMOSPHERIC ENTRY
 DESCENT TRAJECTORIES
 PARTICLE MOTION
 ∞ PRECIPITATION
 SINKING
 VERTICAL MOTION

FALLING SPHERES
 GS SYMMETRICAL BODIES
 . BODIES OF REVOLUTION
 . . SPHERES
 . . . **FALLING SPHERES**
 RT BALLS
 DROP TOWERS
 FREE FALL
 GLOBULES
 RAINDROPS
 SPHEROIDS

FALLOUT
 UF WASHOUT (RADIOACTIVITY)
 RT AIR POLLUTION
 FISSION PRODUCTS
 FISSION WEAPONS
 NUCLEAR EXPLOSION EFFECT
 NUCLEAR EXPLOSIONS
 NUCLEAR METEOROLOGY
 POST-BLAST NUCLEAR RADIATION
 ∞ RADIATION
 RADIATION EFFECTS
 RADIATION HAZARDS
 RADIOACTIVE CONTAMINANTS
 ∞ RADIOACTIVE DEBRIS
 RADIOACTIVITY

FALSE ALARMS
 RT ERROR SIGNALS
 SIGNAL TO NOISE RATIOS
 WARNING SYSTEMS

FAN BLADES
 RT COMPRESSOR BLADES
 DUCTED FANS
 ∞ FANS
 PROPELLER BLADES
 ROTARY WINGS
 TURBINE BLADES
 TURBOMACHINE BLADES
 VENTILATION FANS

FAN IN WING AIRCRAFT
 GS **FAN IN WING AIRCRAFT**
 . XV-5 AIRCRAFT
 RT ∞ AIRCRAFT
 LIFT FANS
 RESEARCH AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 TILT WING AIRCRAFT
 V/STOL AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

FANLIFT DEVICES
 USE LIFT FANS

∞ **FANS**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

FANS--(cont.)
 RT ACTUATOR DISKS
 AIR CONDITIONING EQUIPMENT
 AIR DUCTS
 ANTENNA RADIATION PATTERNS
 BLOWERS
 COMPRESSOR ROTORS
 COMPRESSORS
 DUCTED FANS
 FAN BLADES
 PROPELLER FANS
 TURBOFANS
 VENTILATION FANS
 WIND TUNNEL DRIVES

FANS (LANDFORMS)
 UF BAJADAS
 GS LANDFORMS
 . **FANS (LANDFORMS)**
 RT ALLUVIUM
 CANYONS
 CLAYS
 DELTAS
 GRAVELS
 MUD
 SANDS
 SEDIMENTS

FAR FIELDS
 UF FRAUNHOFER REGION
 GS ELECTROMAGNETIC FIELDS
 . **FAR FIELDS**
 RT ANTENNA RADIATION PATTERNS
 ELECTROMAGNETIC RADIATION
 FIELD THEORY (PHYSICS)
 FRESNEL REGION
 LASER ARRAYS
 NEAR FIELDS
 NOISE PROPAGATION
 RADIANT FLUX DENSITY

FAR INFRARED RADIATION
 SN (30 MICRONS TO ABOUT 1000 MICRONS)
 GS ELECTROMAGNETIC RADIATION
 . INFRARED RADIATION
 . . **FAR INFRARED RADIATION**
 RT LONG WAVE RADIATION
 NEAR INFRARED RADIATION
 ∞ RADIATION
 RADIO WAVES
 SHORT WAVE RADIATION
 SUBMILLIMETER WAVES
 TERRESTRIAL RADIATION

FAR ULTRAVIOLET RADIATION
 SN (200 TO 2000 ANGSTROMS)
 UF VACUUM ULTRAVIOLET RADIATION
 GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 . . **FAR ULTRAVIOLET RADIATION**
 . . . LYMAN ALPHA RADIATION
 . . . LYMAN BETA RADIATION
 RT BREMSSTRAHLUNG
 MAGELLAN ULTRAVIOLET ASTRONOMY
 SATELLITE
 NEAR ULTRAVIOLET RADIATION
 ∞ RADIATION
 ULTRAVIOLET TELESCOPES
 X RAYS

FAR UV SPECTROSCOPIC EXPLORER
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . EXPLORER SATELLITES
 . . . **FAR UV SPECTROSCOPIC
 EXPLORER**

FARADAY DARK SPACE
 RT GAS DISCHARGE TUBES
 GLOW DISCHARGES

FARADAY EFFECT
 UF FARADAY ROTATION
 GS ELECTROMAGNETIC PROPERTIES
 . **FARADAY EFFECT**
 RT CIRCULATORS (PHASE SHIFT CIRCUITS)
 ∞ EFFECTS
 HALL GENERATORS
 KERR MAGNETOOPTICAL EFFECT
 MAGNETO-OPTICS
 OPTICAL MEASUREMENT
 OPTICAL PROPERTIES
 POLARIZATION (WAVES)
 POLARIZED ELECTROMAGNETIC
 RADIATION

FARADAY EFFECT--(cont.)
 ROTATION

FARADAY ROTATION
 USE FARADAY EFFECT

FARM CROPS
 GS **FARM CROPS**
 . ALFALFA
 . COFFEE
 . COTTON
 . FRUITS
 . GRAINS (FOOD)
 . . BARLEY
 . . CORN
 . . MILLET
 . . OATS
 . . RICE
 . . SORGHUM
 . . WHEAT
 . HAY
 . LEGUMINOUS PLANTS
 . . SOYBEANS
 . POTATOES
 . SPINACH
 . SUGAR BEETS
 . SUGAR CANE
 . SUNFLOWERS
 . TOMATOES
 RT AGRICULTURE
 AGRISTARS PROJECT
 BOTANY
 CROP CALENDARS
 CROP DUSTING
 CROP GROWTH
 CROP INVENTORIES
 CROP VIGOR
 ∞ CROPS
 CURING
 EARTH RESOURCES
 FARMLANDS
 FROST DAMAGE
 GRASSES
 GRASSLANDS
 IRRIGATION
 LARGE AREA CROP INVENTORY
 EXPERIMENT
 LOCUSTS
 ORCHARDS
 PLANTING
 PLANTS (BOTANY)
 PLOWING
 SEEDS
 VINEYARDS

FARMLANDS
 UF CROPLANDS
 PLOWED FIELDS
 LAND
 GS **FARMLANDS**
 AGRICULTURE
 AGROPHYSICAL UNITS
 CROP GROWTH
 CROP IDENTIFICATION
 CROP INVENTORIES
 CROP VIGOR
 RT ∞ CROPS
 EARTH RESOURCES
 FARM CROPS
 GRASSES
 GRASSLANDS
 HAY
 IRRIGATION
 LAND USE
 PLAINS
 PLANTING
 PLOWING
 REGIONAL PLANNING
 RURAL AREAS
 RURAL LAND USE
 SOD
 SUGAR BEETS
 SUGAR CANE

FAST FOURIER TRANSFORMATIONS
 UF FFT
 GS FUNCTIONS (MATHEMATICS)
 . FOURIER TRANSFORMATION
 . . **FAST FOURIER TRANSFORMATIONS**
 . . . TRANSFORMATIONS (MATHEMATICS)
 . . . INTEGRAL TRANSFORMATIONS
 . . . FOURIER TRANSFORMATION
 . . . **FAST FOURIER TRANSFORMATIONS**
 RT VORTEX IN CELL TECHNIQUE
 WALSH FUNCTION

FAST NEUTRONS

- GS NUCLEAR RADIATION
 . **FAST NEUTRONS**
 PARTICLES
 . ELEMENTARY PARTICLES
 . . . FERMIONS
 . . . NEUTRONS
 **FAST NEUTRONS**
 . NEUTRAL PARTICLES
 . . NEUTRONS
 . . . **FAST NEUTRONS**
- RT BARYONS
 NUCLEONS
 THERMAL NEUTRONS

FAST NUCLEAR REACTORS

- GS NUCLEAR REACTORS
 . **FAST NUCLEAR REACTORS**
 . . EXPERIMENTAL BREEDER REACTOR
 1
 . . EXPERIMENTAL BREEDER REACTOR
 2
 . . FAST OXIDE REACTORS
 . . FAST TEST REACTORS
 . . GAS COOLED FAST REACTORS
 . . LIQUID METAL FAST BREEDER REACTORS
- RT ENRICO FERMI ATOMIC POWER PLANT
 NUCLEAR POWER REACTORS

FAST OXIDE REACTORS

- GS NUCLEAR REACTORS
 . FAST NUCLEAR REACTORS
 . . **FAST OXIDE REACTORS**
- RT NUCLEAR POWER REACTORS

FAST TEST REACTORS

- GS NUCLEAR REACTORS
 . FAST NUCLEAR REACTORS
 . . **FAST TEST REACTORS**
- RT ∞ REACTORS

FASTENERS

- GS **FASTENERS**
 . ANCHORS (FASTENERS)
 . BOLTS
 . . ROCK BOLTS
 . . TIEBOLTS
 . LOCKS (FASTENERS)
 . NUTS (FASTENERS)
 . PINS
 . RIVETS
 . SCREWS
 . WASHERS (SPACERS)
 . ZIPPERS
- RT ADHESIVES
 ∞ BANDS
 ∞ BELTS
 BRACKETS
 CABLES (ROPES)
 CHAINS
 CLAMPS
 CLIPS
 CLOSURES
 CONNECTORS
 COUPLINGS
 FITTINGS
 HOLDERS
 HOOKS
 INSERTS
 INTERFERENCE FIT
 JOINTS (JUNCTIONS)
 LATCHES
 LINKAGES
 LOCKING
 LUGS
 MOORING
 RIBBONS
 SLEEVES
 SPACERS
 ∞ SPIKES
 ∞ SPLICING
 SPLINES
 STRAPS
 STRUCTURAL MEMBERS
 STUDS (STRUCTURAL MEMBERS)
 ∞ TAPES
 UNIONS (CONNECTORS)
 WIRE

FASTING

- RT AEROSPACE MEDICINE
 DIETS
 FOOD INTAKE
 HYPOXIA

FAT EMBOLISMS

- GS DISEASES
 . **FAT EMBOLISMS**
 EMBOLISMS
 . **FAT EMBOLISMS**
- RT AEROEMBOLISM
 BLOOD VESSELS
 CARDIOVASCULAR SYSTEM
 HEART DISEASES

FATIGUE (BIOLOGY)

- GS **FATIGUE (BIOLOGY)**
 . AUDITORY FATIGUE
 . FLIGHT FATIGUE
 . MUSCULAR FATIGUE
- RT ASTHENOPIA
 ∞ BIOLOGY
 DAMAGE
 EFFORT
 EXHAUSTION
 HUMAN FACTORS ENGINEERING
 HYPERKINESIA
 MASSAGING
 ∞ PERFORMANCE
 PHYSICAL EXERCISE
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)
 WORK-REST CYCLE
 WORKLOADS (PSYCHOPHYSIOLOGY)

FATIGUE (MATERIALS)

- UF STRAIN FATIGUE
 STRUCTURAL FATIGUE
- GS **FATIGUE (MATERIALS)**
 . ACOUSTIC FATIGUE
 . BENDING FATIGUE
 . METAL FATIGUE
 . STRUCTURAL STRAIN
 . THERMAL FATIGUE
 . VOLUMETRIC STRAIN
- RT BAUSCHINGER EFFECT
 CRACK CLOSURE
 CRACK GEOMETRY
 CRACK PROPAGATION
 CRACKING (FRACTURING)
 CRACKS
 CREEP PROPERTIES
 CRYSTAL DISLOCATIONS
 CYCLES
 DAMAGE
 DESTRUCTION
 DUCTILITY
 ∞ ENDURANCE
 FAILURE
 FRACTOGRAPHY
 FRETTING
 FRETTING CORROSION
 HARDNESS
 ∞ MATERIALS
 MECHANICAL PROPERTIES
 NOTCH SENSITIVITY
 PLASTIC PROPERTIES
 RESIDUAL STRENGTH
 S-N DIAGRAMS
 SHEAR PROPERTIES
 SHOT PEENING
 STRESS CONCENTRATION
 STRESS CYCLES
 STRESS RATIO
 STRESS RELAXATION
 STRESS RELIEVING
 STRESSES
 STRUCTURAL FAILURE
 SURFACE DEFECTS
 SYSTEM FAILURES
 TEMPERATURE INVERSIONS
 THERMAL STRESSES
 VIBRATION

FATIGUE DIAGRAMS

- USE S-N DIAGRAMS

FATIGUE LIFE

- GS LIFE (DURABILITY)
 . **FATIGUE LIFE**
 MECHANICAL PROPERTIES
 . **FATIGUE LIFE**
- RT ACCELERATED LIFE TESTS
 BLOWOUTS
 COFFIN-MANSON LAW
 COMBINED STRESS
 FAILURE ANALYSIS
 INTERFERENCE FIT
 PALMGREN-MINER RULE
 RETIREMENT FOR CAUSE

FATIGUE LIFE--(cont.)

- S-N DIAGRAMS
 SERVICE LIFE
 SHORT CRACKS
 STRESS CYCLES

FATIGUE TESTING MACHINES

- RT ACOUSTIC EMISSION
 ∞ MACHINERY
 ∞ TEST EQUIPMENT

FATIGUE TESTS

- RT BENDING
 COFFIN-MANSON LAW
 CREEP TESTS
 DESTRUCTIVE TESTS
 FERROGRAPHY
 IMPACT TESTING MACHINES
 IMPACT TESTS
 LOAD TESTS
 ∞ MATERIALS TESTS
 NOTCH STRENGTH
 NOTCH TESTS
 RESONANCE TESTING
 S-N DIAGRAMS
 SPECIMEN GEOMETRY
 STATIC TESTS
 STRESS CONCENTRATION
 STRESS CYCLES
 STRESS RATIO
 TENSILE TESTS
 TESTING TIME
 ∞ TESTS
 THERMAL CYCLING TESTS
 WEIBULL DENSITY FUNCTIONS
 WELD TESTS

FATS

- GS ORGANIC COMPOUNDS
 . LIPIDS
 . . **FATS**
- RT ADIPOSE TISSUES
 ∞ FOOD
 GREASES
 MYELIN
 ∞ NUTRIENTS
 OILS
 PALMITIC ACID
 SYNTHETIC FOOD

FATTY ACIDS

- GS ACIDS
 . CARBOXYLIC ACIDS
 . . **FATTY ACIDS**
 . . . ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC ACIDS
 IODOACETIC ACID
 . . . ACETYLSALICYLIC ACID
 . . . BENZILIC ACID
 . . . BENZOIC ACID
 . . . LIPOIC ACID
 . . . OLEIC ACID
 . . . PALMITIC ACID
 . . . PROPIONIC ACID
 . . . SEBACIC ACID
 . . . VALERIC ACID
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **FATTY ACIDS**
 . . . ACETIC ACID
 ETHYLENEDIAMINETETRAACETIC ACIDS
 IODOACETIC ACID
 . . . ACETYLSALICYLIC ACID
 . . . BENZILIC ACID
 . . . BENZOIC ACID
 . . . LIPOIC ACID
 . . . OLEIC ACID
 . . . PALMITIC ACID
 . . . PROPIONIC ACID
 . . . SEBACIC ACID
 . . . VALERIC ACID
- RT ∞ ALIPHATIC COMPOUNDS
 CASTOR OIL
 ∞ NUTRIENTS

FAULT DETECTION

- GS DETECTION
 . **FAULT DETECTION**
- RT ELECTRONIC EQUIPMENT TESTS
 ENGINE MONITORING INSTRUMENTS
 ERROR DETECTION CODES
 FAILURE ANALYSIS
 FAILURE MODES

FAULT DETECTION--(cont.)

FAULT TOLERANCE
MAINTENANCE
RELIABILITY ENGINEERING
SYSTEM FAILURES

FAULT MECHANICS

USE FRACTURE MECHANICS

FAULT TOLERANCE

RT ERROR ANALYSIS
ERROR DETECTION CODES
FAIL-SAFE SYSTEMS
FAILURE ANALYSIS
FAULT DETECTION
RELIABILITY ENGINEERING

FAULT TREES

GS TREES (MATHEMATICS)
RT **FAULT TREES**
GRAPHS (CHARTS)
TOPOLOGY

∞ FAULTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ELECTRICAL FAULTS
GEOLOGICAL FAULTS
LANDFORMS
MASSIFS
SEAMOUNTS
TEST PATTERN GENERATORS

FAUNA

USE ANIMALS

FAX

USE FACSIMILE COMMUNICATION

FAYALITE

GS IRON COMPOUNDS
FAYALITE
MINERALS
FAYALITE
SILICON COMPOUNDS
SILICATES
FAYALITE

FBFM (MODULATION)

USE FEEDBACK FREQUENCY MODULATION

FBL CONTROL

USE FLY BY LIGHT CONTROL

FBM (MISSILES)

USE FLEET BALLISTIC MISSILES

FCC LATTICES

USE FACE CENTERED CUBIC LATTICES

FD 2 AIRCRAFT

UF FAIREY DELTA 2 AIRCRAFT
GS FAIREY AIRCRAFT
FD 2 AIRCRAFT
JET AIRCRAFT
FD 2 AIRCRAFT
MONOPLANES
FD 2 AIRCRAFT
RESEARCH AIRCRAFT
FD 2 AIRCRAFT
TAILLESS AIRCRAFT
FD 2 AIRCRAFT
RT ∞AIRCRAFT
DELTA WINGS

FDL-5 REENTRY VEHICLE

GS LIFTING BODIES
LIFTING REENTRY VEHICLES
FDL-5 REENTRY VEHICLE
REENTRY VEHICLES
MANEUVERABLE REENTRY BODIES
LIFTING REENTRY VEHICLES
FDL-5 REENTRY VEHICLE

FDMA

USE FREQUENCY DIVISION MULTIPLE
ACCESS

FEAR

GS PHOBIAS
FEAR
FEAR OF FLYING
RT ANXIETY

FEAR--(cont.)

EMOTIONS
NEUROSES
PANIC
PSYCHOSES

FEAR OF FLYING

GS PHOBIAS
FEAR
FEAR OF FLYING
RT ANXIETY
EMOTIONS
NEUROSES

FEASIBILITY

RT COST ANALYSIS
COSTS
EFFICIENCY
ESTIMATING
EVALUATION

FEASIBILITY ANALYSIS

RT COST ANALYSIS
ECONOMIC FACTORS
MANAGEMENT PLANNING
RESEARCH MANAGEMENT
SYSTEMS ANALYSIS
TECHNOLOGY ASSESSMENT

FEATHER RIVER BASIN (CA)

GS LANDFORMS
STRUCTURAL BASINS
RIVER BASINS
FEATHER RIVER BASIN (CA)
RT CALIFORNIA
RIVERS

FEATHERING

RT PROPELLER BLADES
PROPELLERS

FEATURE EXTRACTION

USE PATTERN RECOGNITION

FEATURE IDENTIFICATION AND LOCATION

EXPER
SN (FEATURE IDENTIFICATION AND
LOCATION EXPERIMENT)
RT EARTH OBSERVATIONS (FROM SPACE)
IMAGE PROCESSING
PATTERN RECOGNITION
REMOTE SENSING
REMOTE SENSORS
SCENE ANALYSIS
SPACE SHUTTLE PAYLOADS

FECES

GS WASTES
METABOLIC WASTES
HUMAN WASTES
FECES
RT EXCRETION
PERSPIRATION
URINE

FEDERAL BUDGETS

RT ALLOCATIONS
APPROPRIATIONS
BUDGETS
CONTRACTS
COST ESTIMATES
FINANCIAL MANAGEMENT
GOVERNMENT PROCUREMENT
PROCUREMENT MANAGEMENT

FEDERAL REPUBLIC OF GERMANY

USE WEST GERMANY

FEDERATIONS

GS ORGANIZATIONS
FEDERATIONS
BUREAUS (ORGANIZATIONS)
RT INSTITUTIONS
INTERNATIONAL COOPERATION
NATIONS
TEAMS
UNIONIZATION
UNITED NATIONS

FEED SYSTEMS

RT COLD FLOW TESTS
FEEDING (SUPPLYING)
FUEL TANKS
INTAKE SYSTEMS

FEED SYSTEMS--(cont.)

PUMPS
∞SYSTEMS

FEEDBACK

GS **FEEDBACK**
BIOFEEDBACK
SENSORY FEEDBACK
NEGATIVE FEEDBACK
NONLINEAR FEEDBACK
POSITIVE FEEDBACK
RT COMPENSATORS
COMPLEXITY
CONTROL THEORY
CYBERNETICS
ELECTROMAGNETIC INTERFERENCE
EMOTIONAL FACTORS
OSCILLATIONS
OSCILLATORS
∞SYSTEMS
TRANSFER FUNCTIONS

FEEDBACK AMPLIFIERS

GS AMPLIFIERS
FEEDBACK AMPLIFIERS
RT DISTRIBUTED FEEDBACK LASERS
NONLINEAR FEEDBACK
OPERATIONAL AMPLIFIERS
OSCILLATORS
PHANTASTRONS
POSITIVE FEEDBACK
POWER AMPLIFIERS
SELF OSCILLATION
SERVOAMPLIFIERS
TRANSISTOR AMPLIFIERS
VOLTAGE AMPLIFIERS

FEEDBACK CIRCUITS

GS CIRCUITS
FEEDBACK CIRCUITS
RT FEEDFORWARD CONTROL
TRANSFER FUNCTIONS

FEEDBACK CONTROL

UF CLOSED LOOP SYSTEMS
GS AUTOMATIC CONTROL
FEEDBACK CONTROL
CASCADE CONTROL
RT ADAPTIVE CONTROL
ADAPTIVE OPTICS
AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL
∞AUTOMATION
BIOFEEDBACK
∞CONTROL
CONTROL EQUIPMENT
CONTROL SYSTEMS DESIGN
CONTROL THEORY
DISTRIBUTED FEEDBACK LASERS
DYNAMIC CONTROL
ELECTRONIC CONTROL
H-INFINITY CONTROL
INVERSE KINEMATICS
KALMAN-SCHMIDT FILTERING
LINEAR QUADRATIC GAUSSIAN
CONTROL
LINEAR QUADRATIC REGULATOR
LOOP TRANSFER FUNCTIONS
LOOP TRANSFER RECOVERY
MACHINE LEARNING
MIMO (CONTROL SYSTEMS)
MODEL REFERENCE ADAPTIVE
CONTROL
MULTIVARIABLE CONTROL
NEGATIVE FEEDBACK
NONLINEAR FEEDBACK
OBSERVABILITY (SYSTEMS)
OPTICAL CONTROL
OPTIMAL CONTROL
PROPORTIONAL CONTROL
ROBOT CONTROL
ROBUSTNESS (MATHEMATICS)
SAMPLED DATA SYSTEMS
SERVOCONTROL
SERVOMECHANISMS
SISO (CONTROL SYSTEMS)
STABILITY AUGMENTATION
TERMINAL CONFIGURED VEHICLE
PROGRAM
TRACKING PROBLEM

FEEDBACK FREQUENCY MODULATION

UF FBFM (MODULATION)
GS CODING
SIGNAL ENCODING

FEEDBACK FREQUENCY MODULATION--(cont.)

.. FREQUENCY MODULATION
 ... **FEEDBACK FREQUENCY MODULATION**
 MODULATION
 . FREQUENCY MODULATION
 .. **FEEDBACK FREQUENCY MODULATION**
 RT PHASE LOCKED SYSTEMS

FEEDERS

SN (FOR FLUID AND PARTICULATE MATERIALS)
 RT CONVEYORS
 DISPENSERS
 DISTRIBUTORS
 FEEDING (SUPPLYING)
 FUEL SYSTEMS
 INJECTORS
 INTAKE SYSTEMS
 LOADING OPERATIONS
 MATERIALS HANDLING
 MIXERS

FEEDFORWARD CONTROL

GS AUTOMATIC CONTROL
 . **FEEDFORWARD CONTROL**
 RT ADAPTIVE CONTROL
 .. AUTOMATION
 .. CONTROL
 CONTROL THEORY
 FEEDBACK CIRCUITS
 MODEL REFERENCE ADAPTIVE CONTROL
 OPTIMAL CONTROL

FEEDING (SUPPLYING)

RT FEED SYSTEMS
 FEEDERS
 INJECTION
 INPUT
 .. LOADING
 MATERIALS HANDLING

FEELINGS

USE SENSORY FEEDBACK

FEET (ANATOMY)

GS ANATOMY
 . LIMBS (ANATOMY)
 . LEG (ANATOMY)
 ... **FEET (ANATOMY)**
 APPENDAGES
 . LEG (ANATOMY)
 .. **FEET (ANATOMY)**

FELDSPARS

GS ALUMINUM COMPOUNDS
 . **FELDSPARS**
 MINERALS
 . **FELDSPARS**
 SILICON COMPOUNDS
 . SILICATES
 .. **FELDSPARS**
 RT ANDESITE
 ANORTHOSITE
 FELSITE
 IGNEOUS ROCKS

FELLOWSHIP AIRCRAFT

USE F-28 TRANSPORT AIRCRAFT

FELSITE

GS ROCKS
 . IGNEOUS ROCKS
 .. **FELSITE**
 RT FELDSPARS
 MINERALS
 QUARTZ

FELTS

GS FABRICS
 . **FELTS**
 RT WOOL

FEMALES

UF WOMEN
 RT CHILDREN
 GYNECOLOGY
 HUMAN BEINGS
 MALES
 MENSTRUATION
 SEX
 SEX FACTOR

FEMUR

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . BONES
 ... **FEMUR**
 RT KNEE (ANATOMY)
 LEG (ANATOMY)

FENCES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT AIRFOIL FENCES
 FENCES (BARRIERS)
 TRACKING STATIONS

FENCES (BARRIERS)

RT .. BARRIERS
 BOUNDARIES
 .. FENCES
 GATES (OPENINGS)

FERMAT PRINCIPLE

RT ELECTROMAGNETIC WAVE TRANSMISSION
 LIGHT TRANSMISSION
 MULTIPATH TRANSMISSION
 OPTICAL THICKNESS
 VELOCITY

FERMENTATION

GS CHEMICAL REACTIONS
 . **FERMENTATION**
 METABOLISM
 . ENZYME ACTIVITY
 .. **FERMENTATION**
 RT BIOCONVERSION
 BUTYRIC ACID

FERMI LIQUIDS

GS LIQUIDS
 . CRYOGENIC FLUIDS
 .. **FERMI LIQUIDS**
 RT CRYOGENICS

FERMI SURFACES

RT BRILLOUIN ZONES
 CYCLOTRON RESONANCE
 ENERGY LEVELS
 MAGNETORESISTIVITY
 .. SURFACES
 TRANSITION PROBABILITIES

FERMI-DIRAC STATISTICS

RT BOSONS
 DEGENERATE MATTER
 FERMIONS
 QUANTUM MECHANICS
 QUANTUM STATISTICS
 .. STATISTICS

FERMIONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 .. **FERMIONS**
 . BARYONS
 . HYPERONS
 . XI HYPERONS
 . OMEGA-MESONS
 . RHO-MESONS
 . SIGMA-MESONS
 . ETA-MESONS
 . LEPTONS
 . ANTINEUTRINOS
 . MUONS
 . NEUTRINOS
 . SOLAR NEUTRINOS
 . MESON RESONANCE
 . NEUTRONS
 . COLD NEUTRONS
 . FAST NEUTRONS
 . PHOTONEUTRONS
 . SOLAR NEUTRONS
 . THERMAL NEUTRONS
 . PROTONS
 . RECOIL PROTONS
 . SOLAR PROTONS
 RT FERMI-DIRAC STATISTICS
 PAULI EXCLUSION PRINCIPLE
 QUANTUM STATISTICS
 SUPERSYMMETRY

FERRIUM

GS CHEMICAL ELEMENTS

FERRIUM--(cont.)

. ACTINIDE SERIES
 . TRANSURANIUM ELEMENTS
 .. **FERRIUM**
 . NUCLIDES
 . ISOTOPES
 . RADIOACTIVE ISOTOPES
 . TRANSURANIUM ELEMENTS
 .. **FERRIUM**
 METALS
 . ACTINIDE SERIES
 . TRANSURANIUM ELEMENTS
 .. **FERRIUM**

FERRANTI MERCURY COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . DIGITAL COMPUTERS
 .. **FERRANTI MERCURY COMPUTER**

FERRATES

GS IRON COMPOUNDS
 . **FERRATES**
 . BARIUM FERRATES

FERRIC IONS

GS IONS
 . METAL IONS
 .. **FERRIC IONS**
 RT IRON

FERRIMAGNETIC MATERIALS

GS MAGNETIC MATERIALS
 . **FERRIMAGNETIC MATERIALS**
 RT FERROMAGNETIC MATERIALS
 .. MATERIALS

FERRIMAGNETISM

GS MAGNETIC PROPERTIES
 . **FERRIMAGNETISM**
 RT FERRIMAGNETS
 MAGNETONS

FERRIMAGNETS

GS MAGNETS
 . **FERRIMAGNETS**
 RT FERRIMAGNETISM
 PERMANENT MAGNETS

FERRITES

GS IRON COMPOUNDS
 . **FERRITES**
 RT AUSTENITE
 FERRITIC STAINLESS STEELS
 GADOLINIUM-GALLIUM GARNET
 GYRATORS
 IRON ALLOYS
 MAGNETIC CORES
 MICROSTRUCTURE
 PEARLITE
 SPINEL
 STEELS
 YTTRIUM-ALUMINUM GARNET
 YTTRIUM-IRON GARNET

FERRITIC STAINLESS STEELS

GS ALLOYS
 . IRON ALLOYS
 . STEELS
 . STAINLESS STEELS
 .. **FERRITIC STAINLESS STEELS**
 RT CHROMIUM STEELS
 FERRITES
 HEAT TREATMENT
 MAGNETIC PROPERTIES
 MECHANICAL PROPERTIES

FERROALLOYS

USE IRON ALLOYS

FERROCENES

GS IRON COMPOUNDS
 . **FERROCENES**
 . ALKYLFERROCENE
 ORGANOMETALLIC COMPOUNDS
 . **FERROCENES**
 . ALKYLFERROCENE

FERROELECTRICITY

GS ELECTRICAL PROPERTIES
 . **FERROELECTRICITY**
 RT ANTIFERROELECTRICITY
 CURIE TEMPERATURE
 DIELECTRIC PROPERTIES

FERROELECTRICITY--(cont.)

MICROWAVE SWITCHING

FERROFLUIDS

GS LIQUIDS
 . **FERROFLUIDS**
 MAGNETIC MATERIALS
 . FERROMAGNETIC MATERIALS
 . . **FERROFLUIDS**
 RT DISPERSIONS
 ∞ FLUIDS
 MICROPARTICLES
 SUSPENDING (MIXING)
 ∞ SUSPENSIONS
 WORKING FLUIDS

FERROGRAPHY

RT FATIGUE TESTS
 METALLOGRAPHY
 WEAR TESTS

FERROMAGNETIC FILMS

GS MAGNETIC MATERIALS
 . FERROMAGNETIC MATERIALS
 . . **FERROMAGNETIC FILMS**
 THIN FILMS
 . **FERROMAGNETIC FILMS**

FERROMAGNETIC MATERIALS

GS MAGNETIC MATERIALS
 . **FERROMAGNETIC MATERIALS**
 . . FERROFLUIDS
 . . FERROMAGNETIC FILMS
 . . MAGNETITE
 . . PERMALLOYS (TRADEMARK)
 RT FERRIMAGNETIC MATERIALS
 MAGNETS
 ∞ MATERIALS
 PERMANENT MAGNETS
 YOKES

FERROMAGNETIC RESONANCE

GS RESONANCE
 . MAGNETIC RESONANCE
 . . **FERROMAGNETIC RESONANCE**
 RT MAGNETIC FIELDS
 PARAMAGNETIC RESONANCE

FERROMAGNETISM

GS MAGNETIC PROPERTIES
 . **FERROMAGNETISM**
 RT ANTIFERROMAGNETISM
 CURIE TEMPERATURE
 CURIE-WEISS LAW
 DIAMAGNETISM
 ISING MODEL
 LANGEVIN FORMULA
 MAGNETIC CORES
 MAGNETIC DISPERSION
 MAGNETS
 MAGNONS

FERROUS METALS

GS METALS
 . **FERROUS METALS**
 RT ALLOYS
 CHEMICAL ELEMENTS
 IRON
 IRON ISOTOPES
 ∞ METALLURGY

FERRY SPACECRAFT

UF SPACE BUSES
 GS MANEUVERABLE SPACECRAFT
 . **FERRY SPACECRAFT**
 MANNED SPACECRAFT
 . **FERRY SPACECRAFT**
 RT ASTRO VEHICLE
 CARGO SPACECRAFT
 COLUMBUS SPACE STATION
 MARS (MANNED REUSABLE SPACECRAFT)
 REENTRY VEHICLES
 RENDEZVOUS SPACECRAFT
 REUSABLE SPACECRAFT
 SOFT LANDING SPACECRAFT
 SPACE STATIONS

FERTILITY

RT BREEDING (REPRODUCTION)
 FERTILIZATION
 REPRODUCTION (BIOLOGY)
 REPRODUCTIVE SYSTEMS

FERTILIZATION

RT BIRTH
 FERTILITY
 RECOMBINATION REACTIONS
 ∞ REPRODUCTION
 SPERMATOZOA

FERTILIZERS

RT AMMONIA
 AMMONIUM NITRATES
 ASHES
 CULTIVATION
 PLANTING
 UREAS
 VEGETATION GROWTH

FET (TRANSISTORS)

USE FIELD EFFECT TRANSISTORS

FETUSES

UF FOETUSES
 RT BIRTH
 EGGS
 EMBRYOLOGY
 EMBRYOS
 REPRODUCTION (BIOLOGY)
 REPRODUCTIVE SYSTEMS

FEVER

RT BODY TEMPERATURE
 HYPERTHERMIA
 SKIN TEMPERATURE (BIOLOGY)

FEYNMAN DIAGRAMS

GS DIAGRAMS
 . **FEYNMAN DIAGRAMS**
 RT ELECTROMAGNETIC INTERACTIONS
 MINKOWSKI SPACE
 PARTICLE INTERACTIONS
 QUANTUM ELECTRODYNAMICS

FFAR ROCKET VEHICLE

USE FOLDING FIN AIRCRAFT ROCKET VEHICLE

FFT

USE FAST FOURIER TRANSFORMATIONS

FGM (MATERIALS)

USE FUNCTIONALLY GRADIENT MATERIALS

FH-1100 HELICOPTER

USE OH-5 HELICOPTER

FIAT AIRCRAFT

GS **FIAT AIRCRAFT**
 . G-91 AIRCRAFT
 . G-95/4 AIRCRAFT
 . G-222 AIRCRAFT
 RT ∞ AIRCRAFT

FIAT G-91 AIRCRAFT

USE G-91 AIRCRAFT

FIAT G-95/4 AIRCRAFT

USE G-95/4 AIRCRAFT

FIAT G-222 AIRCRAFT

USE G-222 AIRCRAFT

FIBER COMPOSITES

GS COMPOSITE MATERIALS
 . **FIBER COMPOSITES**
 . . ARAMID FIBER COMPOSITES
 . . BRAIDED COMPOSITES
 . . CARBON FIBER REINFORCED PLASTICS
 . . . CARBON-PHENOLIC COMPOSITES
 . . GLASS FIBER REINFORCED PLASTICS
 . . WOVEN COMPOSITES
 RT ALUMINUM BORON COMPOSITES
 ALUMINUM GRAPHITE COMPOSITES
 ARAMID FIBERS
 BORON FIBERS
 BORON REINFORCED MATERIALS
 BORON-EPOXY COMPOSITES
 BORSIC (TRADENAME)
 CARBON FIBERS
 CARBON-CARBON COMPOSITES
 CERAMIC FIBERS
 CHEMICAL VAPOR INFILTRATION
 COMPOSITE WRAPPING
 DEBONDING (MATERIALS)
 FIBER VOLUME FRACTION

FIBER COMPOSITES--(cont.)

FILAMENT WINDING
 FUNCTIONALLY GRADIENT MATERIALS
 GRAPHITE
 GRAPHITE-EPOXY COMPOSITES
 HYBRID COMPOSITES
 LAMINATES
 MATRIX MATERIALS
 METAL FIBERS
 METAL MATRIX COMPOSITES
 MICARTA
 POLYMER MATRIX COMPOSITES
 PULTRUSION
 REINFORCED PLASTICS
 REINFORCING FIBERS
 REINFORCING MATERIALS
 RESIN TRANSFER MOLDING
 SHEET MOLDING COMPOUNDS
 SUPERHYBRID MATERIALS
 THREE DIMENSIONAL COMPOSITES

FIBER OPTICS

RT CASSEGRAIN OPTICS
 CRYSTAL OPTICS
 ELECTRON TUBES
 FLY BY LIGHT CONTROL
 GEOMETRICAL OPTICS
 GRADIENT INDEX OPTICS
 LIGHT TRANSMISSION
 OPTICAL FIBERS
 ∞ OPTICS
 OPTOELECTRONIC DEVICES
 PHOTONICS
 PHYSICAL OPTICS
 SAGNAC EFFECT
 SCINTILLATING FIBERS
 SMART STRUCTURES
 VIDICONS

FIBER ORIENTATION

RT ARAMID FIBERS
 BORON FIBERS
 CERAMIC FIBERS
 COMPOSITE MATERIALS
 DYNAMIC RESPONSE
 EPOXY MATRIX COMPOSITES
 FIBER VOLUME FRACTION
 GLASS FIBER REINFORCED PLASTICS
 IMPACT LOADS
 LAY-UP
 MECHANICAL PROPERTIES
 ∞ ORIENTATION
 REINFORCING FIBERS

FIBER RELEASE

GS RELEASING
 . **FIBER RELEASE**
 RT CARBON FIBERS
 COMBUSTION PRODUCTS
 COMPOSITE MATERIALS
 FIBERS
 FIRES
 GRAPHITE

FIBER STRENGTH

GS MECHANICAL PROPERTIES
 . **FIBER STRENGTH**
 RT ARAMID FIBERS
 BENDING
 BORON FIBERS
 CERAMIC FIBERS
 COMPRESSIVE STRENGTH
 FIBER VOLUME FRACTION
 HOOKES LAW
 POISSON RATIO
 SHEAR STRENGTH
 ∞ STRENGTH
 TENSILE STRENGTH

FIBER VOLUME FRACTION

GS RATIOS
 . **FIBER VOLUME FRACTION**
 RT COMPOSITE MATERIALS
 FIBER COMPOSITES
 FIBER ORIENTATION
 FIBER STRENGTH
 REINFORCING FIBERS

FIBERBOARD

USE BOARDS (PAPER)

FIBERGLASS

USE GLASS FIBERS

FIBERS

UF FIBROUS MATERIALS
 REFRASIL (TRADEMARK)

GS **FIBERS**
 . COTTON FIBERS
 . HAIR
 . LINEN
 . METAL FIBERS
 . MICROFIBERS
 . OPTICAL FIBERS
 . SCINTILLATING FIBERS
 . REINFORCING FIBERS
 . ARAMID FIBERS
 . BORON FIBERS
 . CARBON FIBERS
 . SILK
 . SYNTHETIC FIBERS
 . ARAMID FIBERS
 . CERAMIC FIBERS
 . DACRON (TRADEMARK)
 . FORTISAN (TRADEMARK)
 . GLASS FIBERS
 . NYLON (TRADEMARK)
 . RAYON
 . VYCOR
 . WOOL

RT BORON REINFORCED MATERIALS
 CARBON FIBER REINFORCED PLASTICS
 COMPOSITE MATERIALS
 CORDAGE
 COTTON
 FABRICS
 FIBER RELEASE
 ∞ FILAMENTS
 GLASS FIBER REINFORCED PLASTICS
 METAL MATRIX COMPOSITES
 PAPERS
 POLYMERIC FILMS
 REINFORCING MATERIALS
 SLIVERS
 STRANDS
 TEXTILES
 WET SPINNING
 WHISKERS (CRYSTALS)
 YARNS

FIBERS (MATHEMATICS)

RT CANONICAL FORMS
 DIMENSIONAL ANALYSIS
 FUNCTION SPACE
 GROUP THEORY
 HOMOTOPY THEORY
 MANIFOLDS (MATHEMATICS)
 TOPOLOGY

FIBONACCI NUMBERS

RT NUMBER THEORY
 ∞ NUMBERS
 SET THEORY

FIBRILLATION

GS HEART FUNCTION
 . **FIBRILLATION**
 RT HEART DISEASES
 MUSCLES
 SEISMOCARDIOGRAPHY

FIBRIN

GS BIOPOLYMERS
 . PROTEINS
 . **FIBRIN**
 BODY FLUIDS
 . BLOOD
 . **FIBRIN**
 ORGANIC COMPOUNDS
 . PROTEINS
 . **FIBRIN**

RT BLOOD COAGULATION
 COAGULATION
 FIBRINOGEN
 THROMBIN

FIBRINOGEN

GS BIOPOLYMERS
 . PROTEINS
 . GLOBULINS
 . **FIBRINOGEN**
 BODY FLUIDS
 . BLOOD
 . **FIBRINOGEN**
 ORGANIC COMPOUNDS
 . PROTEINS
 . GLOBULINS
 . **FIBRINOGEN**

RT FIBRIN

FIBRINOGEN--(cont.)

HEMOSTATICS
 HOMEOSTASIS
 THROMBIN

FIBROBLASTS

GS CELLS (BIOLOGY)
 . **FIBROBLASTS**

RT CYTOPLASM
 TENDONS
 TISSUES (BIOLOGY)

FIBROSIS

GS DISEASES
 . **FIBROSIS**
 . CYSTIC FIBROSIS

RT TISSUES (BIOLOGY)

FIBROUS MATERIALS

USE FIBERS

FICKS EQUATION

RT DIFFUSION
 DIFFUSION COEFFICIENT
 ∞ EQUATIONS
 TAFEL LAW

FIDELITY

USE ACCURACY

FIDUCIARIES

RT ECONOMICS
 FINANCE
 MANAGEMENT

FIELD ALIGNED CURRENTS

GS ELECTRIC CURRENT
 . **FIELD ALIGNED CURRENTS**
 . BIRKELAND CURRENTS

RT AERONOMY
 ATMOSPHERIC ELECTRICITY
 EARTH IONOSPHERE
 EARTH MAGNETOSPHERE
 GEOELECTRICITY
 GEOMAGNETIC TAIL
 GEOMAGNETISM
 GEOPHYSICS
 IONOSPHERIC CURRENTS
 LINES OF FORCE
 MAGNETIC FIELD RECONNECTION
 PLASMA CURRENTS
 TELLURIC CURRENTS
 UPPER ATMOSPHERE

FIELD ARMY BALLISTIC MISSILES

GS MISSILES
 . BALLISTIC MISSILES
 . **FIELD ARMY BALLISTIC MISSILES**
 . SUBROC MISSILE

RT INTERMEDIATE RANGE BALLISTIC
 MISSILES
 SHORT RANGE BALLISTIC MISSILES

FIELD COILS

GS ELECTRIC COILS
 . MAGNETIC COILS
 . **FIELD COILS**

RT ELECTROMAGNETS
 HELICAL INDUCERS
 MAGNET COILS

FIELD EFFECT TRANSISTORS

UF CASCODE MOSFET
 FET (TRANSISTORS)
 IGFET
 MESFETS
 MISFETS
 MOSFET
 UNIPOLAR TRANSISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . TRANSISTORS
 . **FIELD EFFECT TRANSISTORS**
 . CHARGE FLOW DEVICES
 . JFET
 . MODFETS

RT ∞ EFFECTS
 HIGH ELECTRON MOBILITY
 TRANSISTORS
 ION IMPLANTATION
 SOI (SEMICONDUCTORS)

FIELD EMISSION

GS EMISSION
 . PARTICLE EMISSION
 . ELECTRON EMISSION
 . **FIELD EMISSION**

RT ELECTRIC FIELDS
 ELECTRON MICROSCOPES
 ELECTRON MICROSCOPY
 MAGNETIC FIELDS
 SCANNING ELECTRON MICROSCOPY
 SECONDARY EMISSION
 TRANSMISSION ELECTRON MICROSCOPY
 ZENER EFFECT

FIELD INTENSITY METERS

SN (EMPLOY THIS TERM WHEN TYPE OF
 FIELD INVOLVED IS NOT
 SPECIFIED--OTHERWISE USE A MORE
 SPECIFIC TERM)

GS MEASURING INSTRUMENTS
 . **FIELD INTENSITY METERS**

RT ACTINOMETERS
 FLUX DENSITY
 MAGNETOMETERS
 NOISE METERS

FIELD MODE THEORY

RT CAVITY RESONATORS
 DIELECTRICS
 ELECTROMAGNETIC FIELDS
 LASER MODES
 OPTICAL RESONATORS
 PROPAGATION MODES
 ∞ THEORIES

FIELD OF VIEW

GS VIEWING
 . **FIELD OF VIEW**

RT BEARING (DIRECTION)
 CONICAL SCANNING
 ELEVATION ANGLE
 ∞ FIELDS
 LOOK ANGLES (TRACKING)
 VISUAL FIELDS

FIELD STRENGTH

GS **FIELD STRENGTH**
 . ELECTRIC FIELD STRENGTH
 . MAGNETIC FLUX

RT ACOUSTIC PROPERTIES
 DIRECTIVITY
 ELECTRIC FIELDS
 ELECTRICAL PROPERTIES
 ELECTROMAGNETIC FIELDS
 FLUX DENSITY
 GRAVITATIONAL FIELDS
 ISOTROPY
 MAGNETIC DIFFUSION
 MAGNETIC FIELDS
 MAGNETIC PROPERTIES
 ∞ ORIENTATION
 PERMITTIVITY
 ∞ STRENGTH

FIELD THEORY (ALGEBRA)

GS **FIELD THEORY (ALGEBRA)**
 . CUBIC EQUATIONS
 . QUADRATIC EQUATIONS

RT ∞ FIELDS
 GREEN'S FUNCTIONS
 HOMOMORPHISMS
 NONLINEAR EQUATIONS
 ∞ THEORIES

FIELD THEORY (PHYSICS)

UF AMBIT
 FORCE FIELDS
 WIGHTMAN THEORY

GS **FIELD THEORY (PHYSICS)**
 . CRYSTAL FIELD THEORY
 . GRAND UNIFIED THEORY
 . UNIFIED FIELD THEORY
 . QUANTUM CHROMODYNAMICS
 . INSTANTONS
 . STRONG INTERACTIONS (FIELD
 THEORY)
 . WEAK INTERACTIONS (FIELD THEORY)

RT ANTENNA RADIATION PATTERNS
 ATTRACTION
 BOSON FIELDS
 CLOSURE LAW
 CROSSED FIELDS
 DIRAC EQUATION
 DISTRIBUTION (PROPERTY)
 ∞ DYNAMICS

FIELD THEORY (PHYSICS)--(cont.)

ELECTROMAGNETIC FIELDS
 FAR FIELDS
 ∞ FIELDS
 FLOW DISTRIBUTION
 FLUX (RATE)
 FLUX DENSITY
 FUNCTION SPACE
 GEOMAGNETISM
 GRAVITATIONAL FIELDS
 GREEN'S FUNCTIONS
 LIGHT-CONE EXPANSION
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAGNETOSTATIC FIELDS
 MANY BODY PROBLEM
 MULTIPOLAR FIELDS
 NUCLEAR PHYSICS
 NULL ZONES
 ∞ PHYSICS
 POMERANCHUK THEOREM
 POTENTIAL FIELDS
 PRESSURE DISTRIBUTION
 QUANTUM ELECTRODYNAMICS
 QUANTUM THEORY
 RADIATION DISTRIBUTION
 RELATIVITY
 SELF CONSISTENT FIELDS
 SOUND FIELDS
 STRING THEORY
 SUPERGRAVITY
 SUPERSYMMETRY
 TEMPERATURE DISTRIBUTION
 TENSORS
 ∞ THEORIES
 TRAVELING CHARGE
 YANG-MILLS FIELDS
 YANG-MILLS THEORY
 ZERO POINT ENERGY

∞ FIELDS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT BOSON FIELDS
 ELECTRIC FIELDS
 FIELD OF VIEW
 FIELD THEORY (ALGEBRA)
 FIELD THEORY (PHYSICS)
 GRAVITATIONAL FIELDS
 MAGNETIC FIELDS
 MILITARY AIR FACILITIES
 SELF CONSISTENT FIELDS
 VISUAL FIELDS

FIGHTER AIRCRAFT

UF INTERCEPTOR AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . ALPHA JET AIRCRAFT
 . . F-2 AIRCRAFT
 . . F-4 AIRCRAFT
 . . F-5 AIRCRAFT
 . . F-8 AIRCRAFT
 . . F-9 AIRCRAFT
 . . F-14 AIRCRAFT
 . . F-15 AIRCRAFT
 . . F-16 AIRCRAFT
 . . F-17 AIRCRAFT
 . . F-18 AIRCRAFT
 . . F-20 AIRCRAFT
 . . F-22 AIRCRAFT
 . . F-27 AIRCRAFT
 . . F-84 AIRCRAFT
 . . F-86 AIRCRAFT
 . . F-89 AIRCRAFT
 . . F-94 AIRCRAFT
 . . F-100 AIRCRAFT
 . . F-101 AIRCRAFT
 . . F-102 AIRCRAFT
 . . F-104 AIRCRAFT
 . . F-105 AIRCRAFT
 . . F-106 AIRCRAFT
 . . F-111 AIRCRAFT
 . . F-117A AIRCRAFT
 . . FV-12A AIRCRAFT
 . . G-91 AIRCRAFT
 . . G-95/4 AIRCRAFT
 . . GA-5 AIRCRAFT
 . . HARRIER AIRCRAFT
 . . JAGUAR AIRCRAFT
 . . JET PROVOST AIRCRAFT
 . . MIG AIRCRAFT
 . . MIRAGE AIRCRAFT
 . . . MIRAGE 3 AIRCRAFT

FIGHTER AIRCRAFT--(cont.)

. . P-51 AIRCRAFT
 . . P-1127 AIRCRAFT
 . . P-1154 AIRCRAFT
 . . SAAB 37 AIRCRAFT
 . . SCIMITAR AIRCRAFT
 . . VAMPIRE MK 35 AIRCRAFT
 . . VJ-101 AIRCRAFT
 . . YF-12 AIRCRAFT
 . . YF-16 AIRCRAFT
 RT ∞ AIRCRAFT
 . HIGHLY MANEUVERABLE AIRCRAFT
 ∞ INTERCEPTORS
 . JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 ∞ MILITARY AVIATION
 . MRCA AIRCRAFT
 . PANAVIA MILITARY AIRCRAFT
 . SINGLE ENGINE AIRCRAFT
 . STOVL AIRCRAFT
 . SUPERSONIC AIRCRAFT
 . TRAINING AIRCRAFT
 . V/STOL AIRCRAFT

FIGURE OF MERIT

RT ACCEPTABILITY
 ∞ ANALYZING
 . CRITERIA
 . EFFICIENCY
 . EVALUATION
 . MODULATION TRANSFER FUNCTION
 . OPTICAL TRANSFER FUNCTION
 ∞ PERFORMANCE
 . Q FACTORS
 . QUALITY
 . SELECTION
 . VALUE

FILAMENT WINDING

UF FILAMENT WOUND CONSTRUCTION
 GS WINDING
 . FILAMENT WINDING
 RT CERAMIC FIBERS
 . COMPOSITE WRAPPING
 . FIBER COMPOSITES
 . ISOTENSOID STRUCTURES
 . LAMINATES
 . METAL FIBERS
 . PREIMPREGNATION

FILAMENT WOUND CONSTRUCTION

USE FILAMENT WINDING

∞ FILAMENTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT BORON FIBERS
 . CARBON FIBERS
 . CATHODES
 . CERAMIC FIBERS
 . CORDAGE
 . FIBERS
 . IONIZERS
 . REINFORCING MATERIALS
 . RESISTORS
 . STRANDS
 . VORTEX FILAMENTS
 . WET SPINNING
 . WHISKERS (CRYSTALS)
 . WIRE

FILAMENTS (SOLAR PHYSICS)

USE SOLAR PROMINENCES

FILE MAINTENANCE (COMPUTERS)

GS MAINTENANCE
 . FILE MAINTENANCE (COMPUTERS)
 RT CHECKOUT
 . COMPUTER PROGRAMMING
 . COMPUTERS
 . PROGRAM VERIFICATION (COMPUTERS)
 . PROGRAMMERS
 ∞ PROGRAMMING

∞ FILES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DOCUMENT STORAGE
 . FILES (TOOLS)

FILES (TOOLS)

GS TOOLS
 . FILES (TOOLS)

FILES (TOOLS)--(cont.)

RT ABRASION
 ∞ FILES
 . SCRAPERS

FILLERS

RT ADDITIVES
 ∞ CELLS
 . DOPES
 . OPACIFIERS
 . PAINTS
 . PIGMENTS
 . PRIMERS (COATINGS)
 . REINFORCEMENT (STRUCTURES)
 . RESINS
 . SEALERS
 . SIZING MATERIALS
 . VARNISHES

FILLETS

RT FAIRINGS
 . JOINTS (JUNCTIONS)
 . SEAMS (JOINTS)
 . WELDING

FILLING

GS FILLING
 . REFILLING
 RT ACCUMULATIONS
 ∞ CHARGING
 . EXTENSIONS
 . INJECTION
 . INPUT
 ∞ LOADING
 . REPLENISHMENT
 . SUPPLYING

FILM BOILING

GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . BOILING
 . . . FILM BOILING
 RT HEAT TRANSFER
 . LEIDENFROST PHENOMENON
 . NUCLEATE BOILING

FILM CONDENSATION

GS CONDENSING
 . FILM CONDENSATION
 RT CONDENSERS (LIQUEFIERS)
 . COOLING
 . HEAT TRANSFER

FILM COOLING

GS COOLING
 . EVAPORATIVE COOLING
 . . FILM COOLING
 . . LIQUID COOLING
 . . . FILM COOLING
 RT LIQUID INJECTION
 . SURFACE COOLING
 . SWEAT COOLING

FILM THICKNESS

GS DIMENSIONS
 . FILM THICKNESS
 RT ELLIPSOMETRY
 . THICKNESS

∞ FILMS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT COATINGS
 . CORROSION PREVENTION
 . ELECTRODE FILM BARRIERS
 . FABRICS
 . FLUID FILMS
 . HELIUM FILM
 . KAPTON (TRADEMARK)
 . LAMINATES
 . LANGMUIR-BLODGETT FILMS
 . MAGNETIC FILMS
 . MEMBRANES
 . METAL FILMS
 . MONOMOLECULAR FILMS
 . OXIDE FILMS
 . PAPERS
 . PHOTOGRAPHIC FILM
 . POLYMERIC FILMS
 . SEMICONDUCTING FILMS
 . SILICON FILMS
 . SQUEEZE FILMS
 . SUPERCONDUCTING FILMS
 . THERMOPLASTIC FILMS

FILMS--(cont.)

THICK FILMS
THIN FILMS
VIDEO TAPES
WEBS (SHEETS)

FILTER WHEEL INFRARED SPECTROMETERS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
. . . INFRARED SPECTROMETERS
. . . **FILTER WHEEL INFRARED SPECTROMETERS**
. SPECTROMETERS
. . . INFRARED SPECTROMETERS
. . . **FILTER WHEEL INFRARED SPECTROMETERS**
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. . . INFRARED SPECTROMETERS
. . . **FILTER WHEEL INFRARED SPECTROMETERS**
RT EBERT SPECTROMETERS
∞ FILTERS
INFRARED SPECTROPHOTOMETERS
SOLAR SPECTROMETERS

FILTERGRAMS

RT OPTICAL FILTERS
SOLAR INSTRUMENTS
SOLAR PHYSICS
SOLAR SPECTRA

FILTERING

USE FILTRATION

∞ FILTERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ABSORBERS (MATERIALS)
ADAPTIVE FILTERS
AIR FILTERS
ATTENUATORS
BANDPASS FILTERS
BANDSTOP FILTERS
BIREFRINGENT FILTERS
CRYSTAL FILTERS
DIGITAL FILTERS
ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
ELECTRONIC FILTERS
FILTER WHEEL INFRARED SPECTROMETERS
FIR FILTERS
FLUID FILTERS
HIGH PASS FILTERS
IMAGE FILTERS
KALMAN FILTERS
LINEAR FILTERS
LOW PASS FILTERS
MATCHED FILTERS
MONOCHROMATIC RADIATION
NONLINEAR FILTERS
OPTICAL FILTERS
RADAR FILTERS
RADIO FILTERS
REDUCED ORDER FILTERS
SEPARATORS
SPATIAL FILTERING

FILTRATION

UF FILTERING
GS **FILTRATION**
. SPATIAL FILTERING
RT ACTIVATED CARBON
BEDS (PROCESS ENGINEERING)
BENEFICIATION
CONCENTRATING
∞ CONCENTRATION
CONCENTRATORS
EFFLUENTS
EXTRACTION
FLUID FILTERS
HYDROMETALLURGY
MATERIALS RECOVERY
PERCOLATION
PRECIPITATION (CHEMISTRY)
∞ SCREENING
∞ SEPARATION
SEWAGE TREATMENT
SIZE SEPARATION
WATER TREATMENT

FINANCE

RT ACCOUNTING

FINANCE--(cont.)

COMMERCE
FIDUCIARIES
GROSS NATIONAL PRODUCT
INVESTMENTS
MANAGEMENT PLANNING
MARKETING
RISK
WAGE SURVEYS

FINANCIAL MANAGEMENT

GS MANAGEMENT
. **FINANCIAL MANAGEMENT**
RT AIRCRAFT PRODUCTION COSTS
ALLOCATIONS
BUDGETING
COST ANALYSIS
COST ESTIMATES
COSTS
ECONOMY
FEDERAL BUDGETS
LIFE CYCLE COSTS
PROCUREMENT MANAGEMENT

∞ FINE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FINE STRUCTURE
FINENESS
FINENESS RATIO
FINES

FINE STRUCTURE

UF MULTIPLETS
RT ALPHA DECAY
ATOMIC STRUCTURE
∞ FINE
HYPERFINE STRUCTURE
LINE SPECTRA
SPECTRAL ENERGY DISTRIBUTION
∞ STRUCTURES

FINENESS

RT COARSENESS
FINENESS RATIO
PARTICLE SIZE DISTRIBUTION
PURITY
QUALITY
SIZE (DIMENSIONS)
TEXTURES

FINENESS RATIO

GS RATIOS
. **FINENESS RATIO**
RT ASPECT RATIO
DIMENSIONS
FINENESS
OBLATE SPHEROIDS
SLENDER BODIES
THICKNESS RATIO

FINES

GS PARTICLES
. POWDER (PARTICLES)
. . . **FINES**
RT ∞ FINE
∞ FLOUR
FRACTIONS
PARTICLE SIZE DISTRIBUTION
∞ SCREENING

FINGERS

GS ANATOMY
. LIMBS (ANATOMY)
. . . HAND (ANATOMY)
. . . **FINGERS**
APPENDAGES
. HAND (ANATOMY)
. . . **FINGERS**
RT SENSE ORGANS

FINGERS (ROBOTICS)

USE END EFFECTORS

FINISHES

GS **FINISHES**
. ENAMELS
. GLAZES
. LACQUERS
RT CERAMIC COATINGS
COATINGS
CORROSION
DOPES

FINISHES--(cont.)

IMPREGNATING
LUSTER
MACHINING
METALLIZING
PAINTS
PLATING
POLISHING
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SIZING (SURFACE TREATMENT)
SPRAYED COATINGS
SURFACE FINISHING
SURFACE PROPERTIES
VARNISHES
VENEERS
WAXES

FINITE DIFFERENCE THEORY

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . . APPROXIMATION
. . . **FINITE DIFFERENCE THEORY**
RT CRANK-NICHOLSON METHOD
DIFFERENCE EQUATIONS
DIFFERENCES
ESSENTIALLY NON-OSCILLATORY SCHEMES
EXTRAPOLATION
FLUX VECTOR SPLITTING
GRID GENERATION (MATHEMATICS)
INTERPOLATION
MULTIGRID METHODS
SIGNIFICANCE
∞ THEORIES
TIME MARCHING
TVD SCHEMES
UPWIND SCHEMES (MATHEMATICS)
VORTEX IN CELL TECHNIQUE

FINITE ELEMENT METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . . APPROXIMATION
. . . **FINITE ELEMENT METHOD**
PROCEDURES
RT ∞ **FINITE ELEMENT METHOD**
APPLICATIONS OF MATHEMATICS
BOUNDARY VALUE PROBLEMS
CHOLESKY FACTORIZATION
COMPUTATIONAL FLUID DYNAMICS
CONJUGATES
CRANK-NICHOLSON METHOD
FACTORIZATION
FRACTURE MECHANICS
GRID GENERATION (MATHEMATICS)
ISOPARAMETRIC FINITE ELEMENTS
ITERATIVE SOLUTION
MATRICES (MATHEMATICS)
∞ METHODOLOGY
MINIMAL SURFACES
MULTIGRID METHODS
NASTRAN
PANEL METHOD (FLUID DYNAMICS)
PATCH TESTS
SHAPE FUNCTIONS
SOLID MECHANICS

FINITE IMPULSE RESPONSE FILTERS

USE FIR FILTERS

FINITE VOLUME METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . . **FINITE VOLUME METHOD**
PROCEDURES
RT **FINITE VOLUME METHOD**
BOUNDARY VALUE PROBLEMS
∞ METHODOLOGY
TVD SCHEMES

FINITE-STATE MACHINES

USE TURING MACHINES

FINLAND

GS NATIONS
FINLAND
RT EUROPE
FINNISH SPACE PROGRAM
SCANDINAVIA

FINNED BODIES

RT AERODYNAMIC CONFIGURATIONS
∞ BODIES
BODIES OF REVOLUTION

FINNED BODIES--(cont.)

COOLING FINS
FINS
HEAT EXCHANGERS
MISSILE BODIES
NOSE FINS
PROJECTILES
SYMMETRICAL BODIES

FINNISH SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . FINNISH SPACE PROGRAM
RT FINLAND

FINS

UF VERTICAL FINS
GS **FINS**
 . COOLING FINS
 . NOSE FINS
RT AERIAL RUDDERS
 AIRFOILS
 AIRFRAMES
 ∞ BLADES
 CONTROL SURFACES
 FINNED BODIES
 HYDROFOILS
 MISSILE COMPONENTS
 RUDDERS
 SAILS
 STABILIZERS (FLUID DYNAMICS)
 TAIL ASSEMBLIES
 VANES
 WINGLETS

FIORDS

GS LANDFORMS
 . **FIORDS**
RT CLIFFS
 GEOLOGY
 INLETS (TOPOGRAPHY)
 NORWAY
 OCEANOGRAPHY
 WATER

FIR FILTERS

UF FINITE IMPULSE RESPONSE FILTERS
GS ELECTROMAGNETIC WAVE FILTERS
 . ELECTRIC FILTERS
 . . DIGITAL FILTERS
 . . . **FIR FILTERS**
RT BANDPASS FILTERS
 ELECTRONIC FILTERS
 ∞ FILTERS
 MICROWAVE FILTERS
 RADAR FILTERS
 RECURSIVE FUNCTIONS

FIRE (CLIMATOLOGY)

UF FIRST ISCCP REGIONAL EXPERIMENT
GS PROGRAMS
 . PROJECTS
 . . **FIRE (CLIMATOLOGY)**
RT CLIMATOLOGY
 CLOUD COVER
 CLOUDS (METEOROLOGY)
 REMOTE SENSING
 SATELLITE OBSERVATION

FIRE CONTROL

SN (LIMITED TO CONTROL OF THE FIRING
OF WEAPONS--EXCLUDES FIRE
PREVENTION AND FIRE FIGHTING)
RT BOMBING EQUIPMENT
 ∞ CONTROL
 FIRING (IGNITING)
 GUNFIRE
 GUNNERY TRAINING
 RANGE FINDERS
 WEAPON SYSTEMS
 WEAPONS

FIRE CONTROL CIRCUITS

GS CIRCUITS
 . **FIRE CONTROL CIRCUITS**
RT ∞ CONTROL

FIRE DAMAGE

GS DAMAGE
 . **FIRE DAMAGE**
RT ASHES
 CHARRING
 COMBUSTION
 FIRES

FIRE DAMAGE--(cont.)

FLAMES
FUMES
SMOKE
SOOT

FIRE EXTINGUISHERS

UF CHEMICAL EXTINGUISHERS
EXTINGUISHERS
RT FIRE FIGHTING
 FIRE PREVENTION
 FIREBREAKS
 FIRES
 FLAMMABILITY
 FOAMS

FIRE FIGHTING

SN (EXCLUDES FIRE CONTROL--CONTROL
OF THE FIRING OF WEAPONS)
RT BREATHING APPARATUS
 FIRE EXTINGUISHERS
 FIRE PREVENTION
 FIREBREAKS
 FIRES
 FLAMMABILITY
 FOAMS

FIRE POINT

RT FLAMMABILITY
 FLASH POINT
 SPONTANEOUS COMBUSTION

FIRE PREVENTION

SN (EXCLUDES FIRE CONTROL--CONTROL
OF THE FIRING OF WEAPONS)
GS PREVENTION
 . **FIRE PREVENTION**
RT ACCIDENT PREVENTION
 EXPLOSION SUPPRESSION
 FIRE EXTINGUISHERS
 FIRE FIGHTING
 FIREBREAKS
 FIREPROOFING
 FIRES
 FLAME RETARDANTS
 FOREST FIRES
 HIGH PRESSURE OXYGEN
 SAFETY
 SAFETY DEVICES
 SAFETY MANAGEMENT
 SMOKE DETECTORS
 SPONTANEOUS COMBUSTION
 WARNING
 WARNING SYSTEMS

FIRE RESISTANCE

USE FLAMMABILITY

FIRE RETARDANTS

USE FLAME RETARDANTS

∞ FIREBALLS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BOLIDES
 NUCLEAR EXPLOSIONS

FIREBEE 2 TARGET DRONE AIRCRAFT

GS DRONE VEHICLES
 . DRONE AIRCRAFT
 . . TARGET DRONE AIRCRAFT
 . . . **FIREBEE 2 TARGET DRONE
AIRCRAFT**
 LIGHT AIRCRAFT
 . **FIREBEE 2 TARGET DRONE AIRCRAFT**
 PILOTLESS AIRCRAFT
 . DRONE AIRCRAFT
 . . TARGET DRONE AIRCRAFT
 . . . **FIREBEE 2 TARGET DRONE
AIRCRAFT**
 RESEARCH AIRCRAFT
 . **FIREBEE 2 TARGET DRONE AIRCRAFT**
 RYAN AIRCRAFT
 . **FIREBEE 2 TARGET DRONE AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **FIREBEE 2 TARGET DRONE AIRCRAFT**
RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT
 TARGETS
 ∞ WINGED VEHICLES

FIREBREAKS

RT CLEARINGS (OPENINGS)

FIREBREAKS--(cont.)

COMBUSTION
CONSERVATION
FIRE EXTINGUISHERS
FIRE FIGHTING
FIRE PREVENTION
FIRES
FLAMES
FOREST FIRES
FORESTS

FIREFLIES

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **FIREFLIES**

FIREPROOFING

RT FIRE PREVENTION
 NONFLAMMABLE MATERIALS
 SAFETY

FIRES

GS **FIRES**
 . FOREST FIRES
RT ACCIDENTS
 BACKFIRE
 BURNS (INJURIES)
 COMBUSTION
 CONTROL SURFACES
 DEFLAGRATION
 EXPLOSIONS
 EXPLOSIVES
 FIBER RELEASE
 FIRE DAMAGE
 FIRE EXTINGUISHERS
 FIRE FIGHTING
 FIRE PREVENTION
 FIREBREAKS
 FIRING (IGNITING)
 FLAMES
 FLASHBACK
 HAZARDS
 SAFETY
 SAINT ELMO FIRE
 WARNING SYSTEMS

FIREWORKS

USE PYROTECHNICS

FIRING (IGNITING)

GS **FIRING (IGNITING)**
 . ROCKET FIRING
 . . RETROFIRING
 . . TEST FIRING
 . . . STATIC FIRING
RT BURNING TIME
 DETONABLE GAS MIXTURES
 DETONATION
 DRYING
 FIRE CONTROL
 FIRES
 FLAMMABLE GASES
 GUNFIRE
 IGNITION
 STARTING

FIRING TIME

USE BURNING TIME

FIRMWARE

RT COMPUTER PROGRAMMING
 HARDWARE
 MICROPROCESSORS
 MICROPROGRAMMING

FIRST AID

RT ACCIDENTS
 CHEMICAL DEFENSE
 CURES
 DISASTERS
 KITS
 MEDICAL EQUIPMENT
 MEDICAL SCIENCE
 MEDICAL SERVICES
 RESUSCITATION
 SPLINTS
 STRETCHERS
 TOURNIQUETS
 TRANSFUSION

FIRST ISCCP REGIONAL EXPERIMENT

USE FIRE (CLIMATOLOGY)

FISCHER-TROPSCH PROCESS

RT CATALYSIS
CATALYTIC ACTIVITY
REACTION KINETICS
SYNTHESIS (CHEMISTRY)
SYNTHETIC FUELS

FISH

USE FISHES

FISHBOWL OPERATION

RT HIGH ALTITUDE TESTS
NUCLEAR EXPLOSIONS
∞ OPERATIONS
VELA SATELLITES

FISHERIES

RT AQUICULTURE
ESTUARIES
FISHES
FISHING
MARINE BIOLOGY
MARINE RESOURCES
SEA WATER
SHALLOW WATER
TIDAL FLATS
WETLANDS

FISHES

UF FISH
GS ANIMALS
... VERTEBRATES
... **FISHES**
... SCHOOLS (FISH)
... SHARKS
RT AQUICULTURE
EARTH RESOURCES
FISHERIES
FISHING
∞ FOOD
ICHTHYOLOGY
∞ NUTRIENTS
POIKILOthermia
RED TIDE
SQUAMA
WILDLIFE

FISHING

RT FISHERIES
FISHES
INDUSTRIES
SCHOOLS (FISH)

FISHTAILING

USE YAW

FISSILE FUELS

GS FUELS
... **FISSILE FUELS**
RT GASEOUS FISSION REACTORS
NUCLEAR FUELS
NUCLEAR REACTORS
RADIOACTIVE MATERIALS

FISSILE MATERIALS

USE FISSIONABLE MATERIALS

FISSION

RT BLANKETS (FISSION REACTORS)
FUEL PRODUCTION
NUCLEAR FUELS
SPLITTING

FISSION ELECTRIC CELLS

GS AUXILIARY POWER SOURCES
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... **FISSION ELECTRIC CELLS**
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
... SPACE POWER REACTORS
... **FISSION ELECTRIC CELLS**
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
NUCLEAR, ELECTRIC POWER
GENERATION
... NUCLEAR AUXILIARY POWER UNITS
... SNAP
... **FISSION ELECTRIC CELLS**
... SNAP 2

FISSION ELECTRIC CELLS--(cont.)

... SNAP 4
... SNAP 8
... SNAP 10A
... SPACE POWER REACTORS
... **FISSION ELECTRIC CELLS**
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... **FISSION ELECTRIC CELLS**
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
NUCLEAR REACTORS
... NUCLEAR POWER REACTORS
... SPACE POWER REACTORS
... **FISSION ELECTRIC CELLS**
... SNAP 2
... SNAP 4
... SNAP 8
... SNAP 10A
RT ∞ ELECTRIC CELLS
RADIOISOTOPE BATTERIES
SPACE POWER UNIT REACTORS

FISSION PRODUCTS

RT FALLOUT
HIGH ENERGY INTERACTIONS
NUCLEAR FISSION
NUCLEAR PARTICLES
NUCLEAR PUMPING
NUCLEAR RADIATION
PRODUCTS
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY

FISSION WEAPONS

UF ATOMIC BOMBS
GS WEAPONS
... NUCLEAR WEAPONS
... **FISSION WEAPONS**
RT FALLOUT
NUCLEAR DEVICES
THERMONUCLEAR EXPLOSIONS

FISSIONABLE MATERIALS

UF FISSILE MATERIALS
RT GASEOUS FISSION REACTORS
∞ MATERIALS
NOZZLE FLOW
NUCLEAR FUELS
PLUTONIUM
RADIOACTIVE MATERIALS
URANIUM

FISSION

GS FUELS
... NUCLEAR FUELS
... **FISSION**

FISSURES (GEOLOGY)

RT FOLDS (GEOLOGY)
GEOLOGICAL FAULTS
STRUCTURAL PROPERTIES (GEOLOGY)
TECTONICS

FITNESS

GS **FITNESS**
... FLIGHT FITNESS
... PHYSICAL FITNESS
RT QUALIFICATIONS

FITTING

RT ADAPTATION
ADJUSTING
ALIGNMENT
ASSEMBLING
FITTINGS
GOODNESS OF FIT
INTERFERENCE FIT
∞ JOINING
MATCHING
POSITIONING

FITTINGS

RT ACCESSORIES
ADAPTERS
CLOSURES
CONNECTORS
COUPLINGS

FITTINGS--(cont.)

EXTENSIONS
FASTENERS
FITTING
INSERTS
JOINTS (JUNCTIONS)
LINKAGES
SLEEVES
U BENDS
UNIONS (CONNECTORS)

FITZGERALD-LORENTZ CONTRACTION

USE LORENTZ CONTRACTION

FIX

USE FIXING

FIXED POINT ARITHMETIC

GS NUMBER THEORY
... ARITHMETIC
... **FIXED POINT ARITHMETIC**
RT COMPUTER PROGRAMS
COMPUTERS
DATA PROCESSING

FIXED POINTS (MATHEMATICS)

GS GEOMETRY
... EUCLIDEAN GEOMETRY
... POINTS (MATHEMATICS)
... **FIXED POINTS (MATHEMATICS)**
... TOPOLOGY
RT **FIXED POINTS (MATHEMATICS)**
MANIFOLDS (MATHEMATICS)
MAPPING

FIXED WINGS

UF FIXED-WING AIRCRAFT
GS AIRFOILS
... WINGS
... **FIXED WINGS**
RT CAMBERED WINGS
CRUCIFORM WINGS
FLEXIBLE WINGS
LOW ASPECT RATIO WINGS
RIGID WINGS
SLENDER WINGS
SWEEP WINGS
THIN WINGS
TWISTED WINGS
UNCAMBERED WINGS
UNSWEPT WINGS

FIXED-WING AIRCRAFT

USE AIRCRAFT CONFIGURATIONS
FIXED WINGS

∞ FIXING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF FIX
RT MAINTENANCE
NAVIGATION
POSITION (LOCATION)
POSITIONING

FIXTURES

RT BRACKETS
HARDWARE
JIGS
LUMINAIRES
TOOLS

FIZEAU EFFECT

RT DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
∞ EFFECTS

FLAGELLATA

GS ANIMALS
... PROTOZOA
... **FLAGELLATA**
... EUGLENA
... TRYPANOSOME
MICROORGANISMS
... PROTOZOA
... **FLAGELLATA**
... EUGLENA
... TRYPANOSOME

FLAKES

GS PARTICLES
... **FLAKES**
RT FLAKING

FLAKES--(cont.)

METAL POWDER
POWDER (PARTICLES)

FLAKING

RT ATOMIZING
CHIPPING
COMMINUTION
CUTTING
DISINTEGRATION
FLAKES
FRACTURING
PEELING
∞ SEPARATION
SPALLING
SPLITTING
WEAR

FLAME CALORIMETERS

GS MEASURING INSTRUMENTS
. CALORIMETERS
. **FLAME CALORIMETERS**
RT BOMB CALORIMETERS
DROP CALORIMETERS
HEAT MEASUREMENT
HIGH TEMPERATURE TESTS
TEMPERATURE MEASURING
INSTRUMENTS

FLAME DEFLECTORS

GS DEFLECTORS
. **FLAME DEFLECTORS**
RT BACKFIRE
BAFFLES
BLAST DEFLECTORS
DIVERTERS
FLASHBACK
LAUNCHING PADS
SAFETY DEVICES
SHIELDING
TEST STANDS

FLAME FRONTS

USE FLAME PROPAGATION

FLAME HOLDERS

GS HOLDERS
. **FLAME HOLDERS**
RT COMBUSTION CHAMBERS
DUMP COMBUSTORS
FLAMEOUT
FLAMES

FLAME INTERACTION

USE CHEMICAL REACTIONS
FLAME PROPAGATION

FLAME IONIZATION

GS IONIZATION
. GAS IONIZATION
. **FLAME IONIZATION**

FLAME PLATING

GS PLATING
. **FLAME PLATING**
RT COATING
WELDING

FLAME PROBES

GS MEASURING INSTRUMENTS
. **FLAME PROBES**
RT GAS ANALYSIS
MANOMETERS
TEMPERATURE MEASURING
INSTRUMENTS

FLAME PROPAGATION

UF CHAPMAN-JOUGET FLAME
COMBUSTION WAVES
FLAME FRONTS
GS FLAME INTERACTION
PROPAGATION (EXTENSION)
. **FLAME PROPAGATION**
RT BACKFIRE
BOUNDARY LAYER COMBUSTION
BURNING RATE
COMBUSTIBLE FLOW
COMBUSTION
COMBUSTION PHYSICS
DAMKOHLER NUMBER
DETONATION
DETONATION WAVES
EXPLOSIONS
FLAMES

FLAME PROPAGATION--(cont.)

FLAMMABILITY
FLASHBACK
GAS EXPLOSIONS
GAS-METAL INTERACTIONS
IGNITION
PREMIXED FLAMES
PRESSURE OSCILLATIONS
PRESSURE PULSES
∞ PROPAGATION
REACTING FLOW
TURBULENT COMBUSTION

FLAME QUENCHING

USE EXTINGUISHING
QUENCHING (COOLING)

FLAME RETARDANTS

UF FIRE RETARDANTS
GS RETARDANTS
. **FLAME RETARDANTS**
RT ANTIMISTING FUELS
FABRICS
FIRE PREVENTION
FLAMMABILITY
IGNITION LIMITS
INORGANIC COMPOUNDS
POLYBROMINATED BIPHENYLS
SYNTHETIC FIBERS

FLAME SPECTROSCOPY

GS SPECTROSCOPY
. **FLAME SPECTROSCOPY**
SPECTRUM ANALYSIS
. **FLAME SPECTROSCOPY**
RT EMISSION SPECTRA
GAS SPECTROSCOPY
LINE SPECTRA
OPTOGALVANIC SPECTROSCOPY
QUALITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS

FLAME SPRAYING

GS SPRAYING
. **FLAME SPRAYING**
RT COATING
COATINGS
METAL SPRAYING
METALLIZING
PLASMA SPRAYING

FLAME STABILITY

GS DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
. . . COMBUSTION STABILITY
. . . **FLAME STABILITY**
. . . MOTION STABILITY
. . . FLOW STABILITY
. . . **FLAME STABILITY**
. . . FLOW CHARACTERISTICS
. . . FLOW STABILITY
. . . **FLAME STABILITY**
STABILITY
. DYNAMIC STABILITY
. . . COMBUSTION STABILITY
. . . **FLAME STABILITY**
. . . MOTION STABILITY
. . . FLOW STABILITY
. . . **FLAME STABILITY**
RT FLAMEOUT

FLAME TEMPERATURE

GS TEMPERATURE
. **FLAME TEMPERATURE**
RT COMBUSTION CHEMISTRY
COMBUSTION TEMPERATURE

FLAMEOUT

UF BLOWOFF (COMBUSTION)
GS EXTINGUISHING
. **FLAMEOUT**
RT COMBUSTION
COMBUSTION CHAMBERS
FLAME HOLDERS
FLAME STABILITY
GAS TURBINE ENGINES
JET ENGINES

FLAMES

UF JET FLAMES
LAMINAR FLAMES
GS **FLAMES**
. DIFFUSION FLAMES
. PREMIXED FLAMES
RT COMBUSTION

FLAMES--(cont.)

FIRE DAMAGE
FIREBREAKS
FIRES
FLAME HOLDERS
FLAME PROPAGATION
∞ FLARES
FOREST FIRES
FUELS
SMOG
TURBULENT COMBUSTION

FLAMMABILITY

UF COMBUSTIBILITY
FIRE RESISTANCE
RT BURNING RATE
COMBUSTION
DETONABLE GAS MIXTURES
FIRE EXTINGUISHERS
FIRE FIGHTING
FIRE POINT
FLAME PROPAGATION
FLAME RETARDANTS
FLAMMABLE GASES
FLASH POINT
IGNITION
IGNITION LIMITS
IGNITION TEMPERATURE
PYROPHORIC MATERIALS
∞ RESISTANCE
SPONTANEOUS COMBUSTION

FLAMMABLE GASES

UF EXPLOSIVE GASES
GS GASES
. **FLAMMABLE GASES**
. . . GASEOUS FUELS
. . . LIQUEFIED NATURAL GAS
. . . PYROGEN
RT CHEMICAL EXPLOSIONS
DETONABLE GAS MIXTURES
EXPLOSIVES
FIRING (IGNITING)
FLAMMABILITY
GAS EXPLOSIONS
HAZARDS

FLANGE WRINKLING

GS WRINKLING
. **FLANGE WRINKLING**
RT BUCKLING

FLANGES

RT CONNECTORS
METAL PLATES

FLAP CONTROL

USE AIRCRAFT CONTROL
FLAPS (CONTROL SURFACES)

FLAPERONS

GS AIRFOILS
. AILERONS
. . . **FLAPERONS**
. . . FLAPS (CONTROL SURFACES)
. . . **FLAPERONS**
CONTROL SURFACES
. AILERONS
. . . **FLAPERONS**
. . . FLAPS (CONTROL SURFACES)
. . . **FLAPERONS**
RT AERODYNAMIC BRAKES

FLAPPING

RT AIRFOIL OSCILLATIONS
FLUTTER
RESONANT VIBRATION
ROTOR AERODYNAMICS
SHAKING
UNDAMPED OSCILLATIONS
VIBRATION
WING OSCILLATIONS

FLAPPING HINGES

GS HINGES
. **FLAPPING HINGES**
RT ROTARY WINGS
ROTOR AERODYNAMICS

FLAPS (CONTROL SURFACES)

UF FLAP CONTROL
GS AIRFOILS
. **FLAPS (CONTROL SURFACES)**
. . . EXTERNALLY BLOWN FLAPS

FLAPS (CONTROL SURFACES)--(cont.)

... UPPER SURFACE BLOWN FLAPS
 ... FLAPERONS
 ... JET FLAPS
 ... SPLIT FLAPS
 ... WING FLAPS
 ... LEADING EDGE FLAPS
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 ... VORTEX FLAPS

CONTROL SURFACES**FLAPS (CONTROL SURFACES)**

... EXTERNALLY BLOWN FLAPS
 ... UPPER SURFACE BLOWN FLAPS
 ... FLAPERONS
 ... JET FLAPS
 ... SPLIT FLAPS
 ... WING FLAPS
 ... LEADING EDGE FLAPS
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 ... VORTEX FLAPS

RT AERODYNAMIC BRAKES
 BRAKES (FOR ARRESTING MOTION)

∞CONTROL

DELAYED FLAP APPROACH
 DRAG DEVICES
 GAW-2 AIRFOIL
 LIFT DEVICES
 SPOILERS
 ∞SURFACES

FLARE STARS

UF UV CETI STARS
 GS CELESTIAL BODIES
 . STARS
 . . LATE STARS
 . . . COOL STARS
 FLARE STARS
 . . MAIN SEQUENCE STARS
 . . . DWARF STARS
 FLARE STARS
 . . VARIABLE STARS
 . . . FLARE STARS
 RT CATAclysmic VARIABLES
 M STARS
 SOLAR FLARES
 STELLAR ACTIVITY
 STELLAR FLARES
 SYMBIOTIC STARS

FLARED BODIES

RT AFTERBODIES
 AIRCRAFT CONFIGURATIONS
 ∞FLARES
 SPACECRAFT CONFIGURATIONS
 SYMMETRICAL BODIES

∞ FLARES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT FLAMES
 FLARED BODIES
 ILLUMINATING
 LIGHTING EQUIPMENT
 LUMINAIRES
 PYROTECHNICS
 RUNWAY LIGHTS
 SOLAR FLARES
 SOLAR MAXIMUM MISSION
 SOLAR TERRESTRIAL INTERACTIONS
 STELLAR ACTIVITY
 STELLAR FLARES

∞ FLASH

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

UF LIGHT DURATION
 RT ELECTRIC DISCHARGES
 EXPLOSIONS
 FLASH WELDING
 FLASHING (VAPORIZING)
 LIGHT (VISIBLE RADIATION)
 RADIOGRAPHY
 SOLAR FLARES

FLASH BLINDNESS

GS BLINDNESS
 . FLASH BLINDNESS
 RT EYE PROTECTION
 LIGHT ADAPTATION
 VISION

FLASH LAMPS

UF FLASH TUBES
 GS LIGHTING EQUIPMENT
 . LUMINAIRES
 . . FLASH LAMPS
 . . . ALKALI VAPOR LAMPS
 RT LIGHT SOURCES
 XENON LAMPS

FLASH POINT

GS TEMPERATURE
 . IGNITION TEMPERATURE
 . . FLASH POINT
 RT COMBUSTION TEMPERATURE
 FIRE POINT
 FLAMMABILITY
 IGNITION
 SPONTANEOUS COMBUSTION
 VAPOR PRESSURE
 VOLATILITY

FLASH TUBES

USE FLASH LAMPS

FLASH WELDING

GS WELDING
 . FUSION WELDING
 . . ELECTRIC WELDING
 . . . FLASH WELDING
 RT ∞FLASH
 PRESSURE WELDING

FLASHBACK

RT BACKFIRE
 COMBUSTION
 DEFLAGRATION
 EXPLOSIONS
 FIRES
 FLAME DEFLECTORS
 FLAME PROPAGATION

FLASHING (VAPORIZING)

GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . FLASHING (VAPORIZING)
 RT DISTILLATION
 EVAPORATION
 ∞FLASH
 PREVAPORIZATION
 ∞SEPARATION

FLASHOVER

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . FLASHOVER
 RT ELECTRIC ARCS
 ELECTRIC SPARKS
 ELECTRICAL FAULTS
 FAILURE

FLASKS

RT BOTTLES
 GLASSWARE

FLAT COAXIAL TRANSMISSION LINES

USE MICROSTRIP TRANSMISSION LINES

FLAT CONDUCTORS

GS CONDUCTORS
 . FLAT CONDUCTORS
 . . BEAM LEADS
 RT BUS CONDUCTORS
 CIRCUITS
 CONNECTORS
 ELECTRIC CONNECTORS
 ELECTRIC CONTACTS
 ELECTRIC WIRE
 WIRE
 WIRING

FLAT LAYERS

RT FLATNESS
 ∞LAYERS
 PLANAR STRUCTURES
 STRATA
 STRATIFICATION

FLAT PATTERNS

RT CASTINGS
 MOLDS

FLAT PLATES

GS STRUCTURAL MEMBERS
 . FLAT PLATES

FLAT PLATES--(cont.)

RT ANNULAR PLATES
 BLASIUS EQUATION
 BLASIUS FLOW
 CIRCULAR PLATES
 DYNAMIC STRUCTURAL ANALYSIS
 END PLATES
 FLATNESS
 FLUID MECHANICS
 HEAT TRANSFER
 METAL PLATES
 PANELS
 PARALLEL PLATES
 PLANAR STRUCTURES
 PLATE THEORY
 ∞PLATES
 PLATES (STRUCTURAL MEMBERS)
 RECTANGULAR PLATES
 ∞SHEETS
 SLABS
 THICK PLATES
 THIN PLATES

FLAT SURFACES

UF FACETS
 RT COSSERAT SURFACES
 FLATNESS
 PLANAR STRUCTURES
 ∞SURFACE GEOMETRY
 SURFACE PROPERTIES
 ∞SURFACES

FLATNESS

GS SHAPES
 . FLATNESS
 RT CONCAVITY
 CONTOURS
 CONVEXITY
 ETALONS
 FLAT LAYERS
 FLAT PLATES
 FLAT SURFACES
 FLATTENING
 INTERFEROMETERS
 MECHANICAL PROPERTIES
 PLANAR STRUCTURES
 ROUGHNESS
 ∞SURFACE GEOMETRY

FLATS (LANDFORMS)

UF ADOBE FLATS
 SALT FLATS
 GS LANDFORMS
 . FLATS (LANDFORMS)
 . . TIDAL FLATS
 RT EARTH RESOURCES
 MARSHLANDS
 MESAS
 PLAINS
 SALT BEDS

FLATTENING

RT DUCTILITY
 ELLIPTICITY
 FLATNESS
 LEVELING
 METAL WORKING
 OBLATE SPHEROIDS
 ∞ROLLING
 SMOOTHING

FLATWORMS

GS ANIMALS
 . INVERTEBRATES
 . . WORMS
 . . . FLATWORMS
 RT INFESTATION

FLAVOR (PARTICLE PHYSICS)

RT HADRONS
 PARTICLE INTERACTIONS
 PARTICLE THEORY
 QUANTUM THEORY
 QUARK MODELS
 QUARKS
 THEORETICAL PHYSICS

FLAW DETECTION

USE NONDESTRUCTIVE TESTS

FLAWS

USE DEFECTS

FLEET BALLISTIC MISSILES

UF FBM (MISSILES)
 GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . . **FLEET BALLISTIC MISSILES**
 POLARIS A1 MISSILE
 POLARIS A2 MISSILE
 POLARIS A3 MISSILE
 POSEIDON MISSILES
 SUBROC MISSILE
 RT BALLISTIC MISSILE SUBMARINES
 GUIDED MISSILE SUBMARINES
 INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC MISSILES
 SEA LAUNCHING

FLEET SATELLITE COMMUNICATION SYSTEM

UF FLEETSATCOM
 FLTSATCOM
 GS TELECOMMUNICATION
 . DEFENSE COMMUNICATIONS
 . . . SATELLITE SYSTEM
 . . . **FLEET SATELLITE COMMUNICATION SYSTEM**
 RT COMMUNICATION SATELLITES
 MARISAT SATELLITES
 MICROWAVE TRANSMISSION
 MILITARY TECHNOLOGY
 NASCOM NETWORK
 NAVY
 RADIO COMMUNICATION
 ∞ SYSTEMS
 ULTRAHIGH FREQUENCIES

FLEETSATCOM

USE FLEET SATELLITE COMMUNICATION SYSTEM

FLEXIBILITY

UF NONRIGIDITY
 GS MECHANICAL PROPERTIES
 . **FLEXIBILITY**
 RT BENDING
 ELASTIC PROPERTIES
 FLEXING
 NONUNIFORMITY
 PLASTIC PROPERTIES
 ∞ RIGIDITY
 SOFTNESS
 STIFFNESS
 VERSATILITY

FLEXIBLE BODIES

GS **FLEXIBLE BODIES**
 . FLEXIBLE SPACECRAFT
 RT ∞ BODIES
 HYBRID STRUCTURES
 INFLATABLE STRUCTURES

FLEXIBLE SPACECRAFT

GS AEROSPACE VEHICLES
 . **FLEXIBLE SPACECRAFT**
 FLEXIBLE BODIES
 . **FLEXIBLE SPACECRAFT**
 RT ARTIFICIAL SATELLITES
 DISPLACEMENT
 ELASTIC DEFORMATION
 FLEXING
 LARGE SPACE STRUCTURES
 SATELLITE CONTROL
 SATELLITE ORIENTATION
 SATELLITE ROTATION
 SHAPE CONTROL
 ∞ SPACECRAFT
 SPACECRAFT CONTROL
 SPACECRAFT MOTION
 STRUCTURAL VIBRATION
 VIBRATION DAMPING

FLEXIBLE WINGS

UF ROGALLO WINGS
 GS AIRFOILS
 . WINGS
 . . **FLEXIBLE WINGS**
 . . . PARAWINGS
 RT FIXED WINGS
 GLIDERS
 HANG GLIDERS
 INFINITE SPAN WINGS
 INFLATABLE STRUCTURES
 RIGID WINGS
 THIN WINGS
 TWISTED WINGS
 XV-8A AIRCRAFT

FLEXING

UF FLEXURE
 RT BENDING
 CAMBER
 ∞ CHAMBERS
 CURVATURE
 DEFLECTION
 DEFORMATION
 DISTORTION
 FLEXIBILITY
 FLEXIBLE SPACECRAFT
 FOLDING
 HEAVING
 LOADING MOMENTS

FLEXORS

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . MUSCLES
 . . . **FLEXORS**
 RT JOINTS (ANATOMY)

FLEXOWRITERS (TRADEMARK)

USE AUTOMATIC TYPEWRITERS

FLEXURE

USE FLEXING

FLICKER

RT CRITICAL FLICKER FUSION
 LIGHT TRANSMISSION

FLICKER FUSION FREQUENCY

USE CRITICAL FLICKER FUSION

∞ FLIGHT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

UF FLYING
 HIGH ALTITUDE FLIGHT
 HIGH SPEED FLIGHT
 RT AERODYNAMICS
 ∞ AERONAUTICS
 BALLOON FLIGHT
 CLIMBING FLIGHT
 COASTING FLIGHT
 CRUISING FLIGHT
 FLIGHT ALTITUDE
 FLIGHT CONTROL
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 FLIGHT PATHS
 FLIGHT SAFETY
 FLIGHT TESTS
 FLIGHT TIME
 FREE FLIGHT
 GLIDING
 HORIZONTAL FLIGHT
 HYPersonic FLIGHT
 LONG DURATION SPACE FLIGHT
 LUNAR FLIGHT
 METEOROLOGICAL FLIGHT
 PARABOLIC FLIGHT
 ROCKET FLIGHT
 SOARING
 SPACE FLIGHT
 STEERING
 SUBORBITAL FLIGHT
 SUPERSONIC FLIGHT
 TRAJECTORIES
 TRANSITION FLIGHT
 TRANSOCEANIC FLIGHT
 TRANSONIC FLIGHT
 TURNING FLIGHT
 VERTICAL FLIGHT
 VISUAL FLIGHT

FLIGHT ALTITUDE

GS ALTITUDE
 . **FLIGHT ALTITUDE**
 RT AIR TRAFFIC CONTROL
 CEILING (AIRCRAFT CAPABILITY)
 MIDALTITUDE

FLIGHT CHARACTERISTICS

UF FLIGHT PERFORMANCE
 FLYING QUALITIES
 GS **FLIGHT CHARACTERISTICS**
 . FLIGHT ENVELOPES
 RT AERODYNAMICS
 AIRCRAFT MANEUVERS
 AIRCRAFT PERFORMANCE
 AIRCRAFT SPECIFICATIONS
 AIRSPEED

FLIGHT CHARACTERISTICS--(cont.)

BUFFETING
 CEILING (AIRCRAFT CAPABILITY)
 ∞ CHARACTERISTICS
 CONTROLLABILITY
 FLUTTER
 HELICOPTER PERFORMANCE
 HIGHLY MANEUVERABLE AIRCRAFT
 LOW SPEED STABILITY
 MANEUVERABILITY
 ∞ PERFORMANCE
 QUALITY

FLIGHT CLOTHING

GS CLOTHING
 . **FLIGHT CLOTHING**
 RT COVERALLS
 GARMENTS
 GOGGLES
 HELMETS
 PRESSURE SUITS
 PROTECTIVE CLOTHING

FLIGHT COMPUTERS

USE AIRBORNE/SPACEBORNE COMPUTERS

FLIGHT CONDITIONS

GS CONDITIONS
 . **FLIGHT CONDITIONS**
 RT AIRCRAFT ICING
 AVIATION METEOROLOGY
 CLOUD COVER
 INSTRUMENT FLIGHT RULES
 METEOROLOGICAL SERVICES
 STORMS (METEOROLOGY)
 VISUAL FLIGHT
 WEATHER FORECASTING

FLIGHT CONTROL

GS **FLIGHT CONTROL**
 . AUTOMATIC FLIGHT CONTROL
 . . AUTOMATIC LANDING CONTROL
 . FLY BY LIGHT CONTROL
 . FLY BY TUBE CONTROL
 . FLY BY WIRE CONTROL
 . POINTING CONTROL SYSTEMS
 . . ANNULAR SUSPENSION AND
 . . . POINTING SYSTEM
 RT THRUST VECTOR CONTROL
 AEROBATICS
 AIR TRAFFIC CONTROL
 AIRCRAFT CONTROL
 AIRCRAFT INSTRUMENTS
 AIRCRAFT SURVIVABILITY
 ATTITUDE CONTROL
 ATTITUDE INDICATORS
 AUTOMATED EN ROUTE ATC
 AUTOMATIC CONTROL
 AUTOMATIC PILOTS
 ∞ CONTROL
 CONTROL CONFIGURED VEHICLES
 CONTROL STABILITY
 CONTROL STICKS
 CONTROL SURFACES
 DISPLAY DEVICES
 ENTRY GUIDANCE (STS)
 FLIGHT CHARACTERISTICS
 FLIGHT MANAGEMENT SYSTEMS
 GROUND BASED CONTROL
 GROUND SUPPORT EQUIPMENT
 GUIDANCE (MOTION)
 HELICOPTER CONTROL
 IN-FLIGHT MONITORING
 INSTRUMENT APPROACH
 INSTRUMENT LANDING SYSTEMS
 MANEUVERABILITY
 MANEUVERS
 MISSILE CONTROL
 NAVIGATION
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 RADIO NAVIGATION
 REMOTE CONTROL
 ROCKET ENGINE CONTROL
 SOLAR COMPASSES
 SPACECRAFT CONTROL
 STABILITY AUGMENTATION
 TURBOJET ENGINE CONTROL

FLIGHT CREWS

UF AIRCREWS
 GS PERSONNEL
 . CREWS
 . . **FLIGHT CREWS**
 . . . SPACECREWS

FLIGHT CREWS--(cont.)

GS FLYING PERSONNEL
 . **FLIGHT CREWS**
 . . . SPACECREWS
 RT AIRCRAFT PILOTS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 CREW SIZE
 FLIGHT FATIGUE
 NAVIGATORS
 PILOTS (PERSONNEL)

FLIGHT ENVELOPES

GS FLIGHT CHARACTERISTICS
 . **FLIGHT ENVELOPES**
 RT AERODYNAMIC CHARACTERISTICS
 AERODYNAMIC STABILITY
 AIRCRAFT CONTROL
 AIRCRAFT MANEUVERS
 AIRCRAFT PERFORMANCE
 AIRCRAFT STABILITY
 ∞ ENVELOPES
 FLIGHT TESTS
 HELICOPTER PERFORMANCE
 MANEUVERABILITY

FLIGHT FATIGUE

GS FATIGUE (BIOLOGY)
 . **FLIGHT FATIGUE**
 RT AEROSPACE MEDICINE
 FLIGHT CREWS
 ∞ FLIGHT STRESS
 FLIGHT STRESS (BIOLOGY)
 PILOT PERFORMANCE

FLIGHT FITNESS

GS FITNESS
 . **FLIGHT FITNESS**
 RT ∞ FLIGHT STRESS
 FLYING PERSONNEL
 PHYSICAL EXAMINATIONS
 PHYSICAL FITNESS

FLIGHT HAZARDS

GS HAZARDS
 . **FLIGHT HAZARDS**
 . . . METEOROID HAZARDS
 RT AIR PIRACY
 AIR TRAFFIC
 AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT ICING
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 AVIATION METEOROLOGY
 BIRD-AIRCRAFT COLLISIONS
 BIRDS
 COLLISIONS
 CRASH LANDING
 CRASHES
 DESTRUCTION
 DOWNBURSTS
 MICROBURSTS (METEOROLOGY)
 MIDAIR COLLISIONS
 NOISE (SOUND)
 OPERATIONAL HAZARDS
 TOXIC HAZARDS
 WEATHER

FLIGHT INSTRUMENTS

GS **FLIGHT INSTRUMENTS**
 . APPROACH INDICATORS
 . ATTITUDE INDICATORS
 . . . GYRO HORIZONS
 . AUTOMATIC PILOTS
 . FLIGHT TEST INSTRUMENTS
 . HORIZON SCANNERS
 . RADIO ALTIMETERS
 RT AIR NAVIGATION
 AIRBORNE EQUIPMENT
 AIRCRAFT CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ALTIMETERS
 BUBBLE TECHNIQUE
 COMPASSES
 DISPLAY DEVICES
 ENGINE CONTROL
 ENGINE MONITORING INSTRUMENTS
 HEAD-UP DISPLAYS
 INSTRUMENT APPROACH
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
 ∞ INSTRUMENTS
 LANDING INSTRUMENTS

FLIGHT INSTRUMENTS--(cont.)

LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 MEASURING INSTRUMENTS
 NAVIGATION INSTRUMENTS
 NIGHT FLIGHTS (AIRCRAFT)
 ONBOARD EQUIPMENT
 POSITION INDICATORS
 RADAR
 RADIO DIRECTION FINDERS
 RATE OF CLIMB INDICATORS
 RECORDING INSTRUMENTS
 SATELLITE INSTRUMENTS
 SOLAR COMPASSES
 SPACECRAFT INSTRUMENTS
 SPACECRAFT POSITION INDICATORS
 SPEED INDICATORS
 STAR TRACKERS
 TERCOM

FLIGHT LOAD RECORDERS

GS MEASURING INSTRUMENTS
 . **FLIGHT LOAD RECORDERS**
 RECORDING INSTRUMENTS
 . **FLIGHT LOAD RECORDERS**
 RT STRAIN GAGES

FLIGHT MANAGEMENT SYSTEMS

GS MANAGEMENT SYSTEMS
 . **FLIGHT MANAGEMENT SYSTEMS**
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRBORNE/SPACEBORNE COMPUTERS
 AUTOMATIC FLIGHT CONTROL
 AUTOMATIC LANDING CONTROL
 AVIONICS
 COMPUTER TECHNIQUES
 FLIGHT CONTROL
 GROUND BASED CONTROL
 NAVIGATION AIDS
 ONBOARD DATA PROCESSING
 SYSTEMS ENGINEERING

FLIGHT MECHANICS

RT AERODYNAMICS
 ASCENT TRAJECTORIES
 DESCENT TRAJECTORIES
 ∞ MECHANICS (PHYSICS)
 MISSILE TRAJECTORIES
 ORBIT CALCULATION
 ORBIT DECAY
 ORBITAL MECHANICS
 ∞ PLATFORMS
 REENTRY TRAJECTORIES
 RENDEZVOUS
 RENDEZVOUS TRAJECTORIES
 SPACE FLIGHT
 SPACE MECHANICS
 SPACECRAFT REENTRY
 SPACECRAFT TRAJECTORIES
 THRUST PROGRAMMING
 TRAJECTORIES
 TRAJECTORY MEASUREMENT
 TRAJECTORY OPTIMIZATION

FLIGHT NURSES

GS PERSONNEL
 . MEDICAL PERSONNEL
 . . **FLIGHT NURSES**
 RT CREWS

FLIGHT OPERATIONS

GS **FLIGHT OPERATIONS**
 . CREW PROCEDURES (INFLIGHT)
 RT AIRCRAFT MAINTENANCE
 CREW PROCEDURES (PREFLIGHT)
 GROUND HANDLING
 ONBOARD EQUIPMENT
 REFUELING

FLIGHT OPTIMIZATION

GS OPTIMIZATION
 . **FLIGHT OPTIMIZATION**
 RT BURNING TIME
 EARTH-VENUS TRAJECTORIES
 GREAT CIRCLES
 ORBITAL MECHANICS
 ORBITS
 PARKING ORBITS
 SPACE FLIGHT
 THRUST PROGRAMMING
 TRAJECTORIES
 TRAJECTORY OPTIMIZATION

FLIGHT PATHS

GS **FLIGHT PATHS**
 . GLIDE PATHS
 RT AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIRCRAFT INSTRUMENTS
 AIRCRAFT MANEUVERS
 AIRSPACE
 APPROACH
 APPROACH CONTROL
 AREA NAVIGATION
 CAUSTIC LINES
 CLIMBING FLIGHT
 COLLISION AVOIDANCE
 COLLISIONS
 DELAYED FLAP APPROACH
 DESCENT
 ∞ DRIFT
 GLIDING
 GLOBAL POSITIONING SYSTEM
 GREAT CIRCLES
 GROUND TRACKS
 GUIDANCE (MOTION)
 HORIZONTAL FLIGHT
 MISSILE TRAJECTORIES
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NAVIGATION
 NAVIGATION AIDS
 ORBITS
 ∞ PATHS
 REENTRY
 ROCKET FLIGHT
 SATELLITE GROUND TRACKS
 SOLAR COMPASSES
 SWATH WIDTH
 TACAN
 TRAJECTORIES
 TURNING FLIGHT
 UNCONTROLLED REENTRY
 (SPACECRAFT)
 VERTICAL FLIGHT
 VISUAL FLIGHT

FLIGHT PERFORMANCE

USE FLIGHT CHARACTERISTICS

FLIGHT PLANS

RT AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 APPROACH
 INSTRUMENT FLIGHT RULES
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 ∞ PLANS
 ROUTES
 THRUST PROGRAMMING
 WEATHER

FLIGHT RECORDERS

GS AIRCRAFT INSTRUMENTS
 . **FLIGHT RECORDERS**
 MEASURING INSTRUMENTS
 . **FLIGHT RECORDERS**
 RECORDING INSTRUMENTS
 . **FLIGHT RECORDERS**

FLIGHT RULES

GS RULES
 . **FLIGHT RULES**
 . . INSTRUMENT FLIGHT RULES
 . . VISUAL FLIGHT RULES
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 COLLISION AVOIDANCE
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 NOISE REDUCTION

FLIGHT SAFETY

GS SAFETY
 . **FLIGHT SAFETY**
 RT AEROSPACE SAFETY
 AIR PIRACY
 AIR TRAFFIC CONTROL
 AIRCRAFT ACCIDENTS
 AIRCRAFT APPROACH SPACING
 AIRCRAFT HAZARDS
 AIRCRAFT ICING
 AIRCRAFT SAFETY
 AIRCRAFT SPIN
 ALL-WEATHER LANDING SYSTEMS

FLIGHT SAFETY--(cont.)

AVIATION METEOROLOGY
COLLISION AVOIDANCE
CRASHES
CRASHWORTHINESS
DESTRUCTION
∞ FLIGHT
∞ FLIGHT STRESS
FLYING EJECTION SEATS
MIDAIR COLLISIONS
ONBOARD EQUIPMENT
SAFETY DEVICES
SELF SEALING
VISUAL FLIGHT

FLIGHT SIMULATION

GS SIMULATION
RT **FLIGHT SIMULATION**
ACOUSTIC SIMULATION
ALTITUDE SIMULATION
ANALOG SIMULATION
COMPUTERIZED SIMULATION
CONTROL SIMULATION
ENVIRONMENT SIMULATION
LANDING SIMULATION
MOTION SIMULATION
SPACE ENVIRONMENT SIMULATION
SPACE FLIGHT
SYSTEMS SIMULATION
TRAINING SIMULATORS
VIRTUAL REALITY
WEIGHTLESSNESS SIMULATION

FLIGHT SIMULATORS

GS SIMULATORS
TRAINING SIMULATORS
RT **FLIGHT SIMULATORS**
COCKPIT SIMULATORS
ATMOSPHERIC ENTRY SIMULATION
CENTRIFUGES
CONTROL SIMULATION
CRYOGENIC WIND TUNNELS
LANGLEY COMPLEX COORDINATOR
LUNAR ORBIT AND LANDING
SIMULATORS
∞ MISSILE SIMULATORS
MOTION SIMULATION
MOTION SIMULATORS
PILOT TRAINING
SPACE ENVIRONMENT SIMULATION
SPACE SIMULATORS
TEST FACILITIES
TRAINING DEVICES
WIND TUNNELS

FLIGHT STABILITY TESTS

GS FLIGHT TESTS
FLIGHT STABILITY TESTS
STABILITY TESTS
RT **FLIGHT STABILITY TESTS**
AERODYNAMIC STABILITY
∞ TESTS

∞ FLIGHT STRESS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FLIGHT FATIGUE
FLIGHT FITNESS
FLIGHT SAFETY
HUMAN FACTORS ENGINEERING
SPACE FLIGHT STRESS
STRESS ANALYSIS
STRESSES

FLIGHT STRESS (BIOLOGY)

SN *(EXCLUDES MECHANICAL STRESS AND STRAIN)*
GS **FLIGHT STRESS (BIOLOGY)**
SPACE FLIGHT STRESS
ACCELERATION (PHYSICS)
BIOLOGICAL EFFECTS
∞ BIOLOGY
FLIGHT FATIGUE
JET LAG
PHYSIOLOGICAL FACTORS
PSYCHOLOGICAL FACTORS
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)
WEIGHTLESSNESS

FLIGHT SURGEONS

GS PERSONNEL
MEDICAL PERSONNEL
SURGEONS

FLIGHT SURGEONS--(cont.)

... FLIGHT SURGEONS

FLIGHT TECHNICAL ERROR

USE PILOT ERROR

FLIGHT TEST INSTRUMENTS

GS FLIGHT INSTRUMENTS
RT **FLIGHT TEST INSTRUMENTS**
AIRCRAFT INSTRUMENTS
ROCKET-BORNE INSTRUMENTS
SPACECRAFT INSTRUMENTS

FLIGHT TEST VEHICLES

GS TEST VEHICLES
RT **FLIGHT TEST VEHICLES**
AIRCRAFT
LAUNCH VEHICLES
MISSILES
RESEARCH AIRCRAFT
∞ SPACECRAFT
∞ VEHICLES

FLIGHT TESTS

GS **FLIGHT TESTS**
FLIGHT STABILITY TESTS
SPACE TRANSPORTATION SYSTEM
FLIGHTS
SPACE TRANSPORTATION SYSTEM 1
FLIGHT
SPACE TRANSPORTATION SYSTEM 2
FLIGHT
SPACE TRANSPORTATION SYSTEM 3
FLIGHT
SPACE TRANSPORTATION SYSTEM 4
FLIGHT
RT AIR START
AIRCRAFT DESIGN
ALTITUDE TESTS
CERTIFICATION
DAST PROGRAM
DOWNRANGE
DYNAMIC TESTS
ENGINE TESTS
FLIGHT ENVELOPES
FREE FLIGHT TEST APPARATUS
FULL SCALE TESTS
GROUND TESTS
HIGH ALTITUDE TESTS
HIGHLY MANEUVERABLE AIRCRAFT
IN-FLIGHT MONITORING
MISSILE DESIGN
MISSILE TESTS
POSTMISSION ANALYSIS (SPACECRAFT)
SPACE ELECTRIC ROCKET TESTS
STABILITY TESTS
∞ TESTS
VIBRATION TESTS
WING FLOW METHOD TESTS

FLIGHT TIME

GS TIME
RT **FLIGHT TIME**
AIR TRAFFIC CONTROL
BURNING TIME
TESTING TIME
TRAJECTORIES
TRANSIT TIME
TURNAROUND (STS)
WINDOWS (INTERVALS)

FLIGHT TRAINING

GS EDUCATION
RT **FLIGHT TRAINING**
SPACE FLIGHT TRAINING
ASTRONAUT TRAINING
EJECTION TRAINING
FLYING PERSONNEL
PILOT TRAINING
TRAINING SIMULATORS

∞ FLIGHT VEHICLES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIRCRAFT CONFIGURATIONS
GROUND EFFECT MACHINES
HYPERSONIC VEHICLES
LUNAR FLYING VEHICLES
MISSILES
REENTRY VEHICLES
RESEARCH VEHICLES
ROCKET VEHICLES
∞ VEHICLES

FLINT

GS CHALCOGENIDES
OXIDES
DIOXIDES
FLINT
SILICON COMPOUNDS
FLINT
RT QUARTZ

FLIP-FLOPS

UF BISTABLE AMPLIFIERS
GS CIRCUITS
BISTABLE CIRCUITS
FLIP-FLOPS
MULTIVIBRATORS
FLIP-FLOPS
RT COMPUTER STORAGE DEVICES
DATA STORAGE
FLUID SWITCHING ELEMENTS
FLUIDIC CIRCUITS
OSCILLATORS

FLIR DETECTORS

UF FORWARD LOOKING INFRARED
DETECTORS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
RT DETECTORS
INFRARED RADAR
∞ SENSORS

FLOAT ZONES

RT CRYSTAL GROWTH
MELTS (CRYSTAL GROWTH)
SILICON
SOLAR CELLS
SPACE PROCESSING
ZONE MELTING

FLOATING

RT BALLAST (MASS)
BUOYANCY
FLOATS

FLOATING POINT ARITHMETIC

GS NUMBER THEORY
ARITHMETIC
FLOATING POINT ARITHMETIC
RT COMPUTER PROGRAMS
COMPUTERS
DATA PROCESSING

FLOATS

UF FLOTATION SYSTEMS
RT BALLAST (MASS)
BUOYS
EMERGENCY LIFE SUSTAINING
SYSTEMS
FLOATING
INFLATABLE STRUCTURES
LANDING GEAR
LIFE RAFTS
RAFTS
SEPARATORS

FLOCCULATING

RT AGGLOMERATION
COAGULATION
COALESCING
COLLOIDING
CONCENTRATING
FLOTATION
PRECIPITATION (CHEMISTRY)
SETTLING
WATER TREATMENT

FLOOD CONTROL

RT CANALS
∞ CONTROL
DAMS
DRAINAGE
HYDROLOGY
RAINSTORMS
STORM DAMAGE
STORMS (METEOROLOGY)
WATERSHEDS

FLOOD DAMAGE

GS DAMAGE
RT **FLOOD DAMAGE**
DRAINAGE PATTERNS

FLOOD DAMAGE--(cont.)

HYDROLOGY
LANDSLIDES
PRECIPITATION (METEOROLOGY)
SEEPAGE
STORMS
STORMS (METEOROLOGY)
TIDES
WATER EROSION
WATER FLOW

FLOOD PLAINS

GS LAND
. PLAINS
. **FLOOD PLAINS**
RT FLOODS
HYDROGEOLOGY
HYDROLOGY

FLOOD PREDICTIONS

GS PREDICTIONS
. **FLOOD PREDICTIONS**
RT FLOODS
HYDROGEOLOGY
HYDROLOGY
PRECIPITATION (METEOROLOGY)
RAIN
RAINSTORMS
SHOWERS
STORMS (METEOROLOGY)
WEATHER FORECASTING

FLOODS

RT ALLUVIUM
DROUGHT
FLOOD PLAINS
FLOOD PREDICTIONS
HYDROLOGY
HYDROLOGY MODELS
MISSISSIPPI RIVER (US)
PRECIPITATION (METEOROLOGY)
STORM DAMAGE
STORMS
STORMS (METEOROLOGY)
TIDES
WATER FLOW
WATER MANAGEMENT
WATERSHEDS

FLOORS

UF DECKS (FLOORS)
RT BASEMENTS
BUILDINGS
CEILINGS (ARCHITECTURE)
DOORS
PLATFORMS
SUBSTRUCTURES
TILES
WALLS

FLOQUET THEOREM

GS THEOREMS
. **FLOQUET THEOREM**
RT DIFFERENTIAL EQUATIONS
LINEAR EQUATIONS
PERIODIC FUNCTIONS

FLORA

USE PLANTS (BOTANY)

FLORIDA

GS NATIONS
. UNITED STATES
. **FLORIDA**
RT EVERGLADES (FL)
GULF OF MEXICO
MERRITT ISLAND (FL)

FLOTATION

RT ACTIVATION
BENEFICIATION
CLASSIFIERS
COAGULATION
CONCENTRATING
FLOCCULATING
FLUID ROTOR GYROSCOPES
FOAMING
LEVITATION
SEPARATION
SETTLING
SIZE SEPARATION
SUSPENSION SYSTEMS (VEHICLES)
WATER TREATMENT

FLOTATION SYSTEMS

USE FLOATS

∞ FLOUR

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT FINES
FLOUR (FOOD)

FLOUR (FOOD)

RT ∞ FLOUR
∞ FOOD
MILLET
POWDER (PARTICLES)

∞ FLOW

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AERODYNAMICS
ANNULAR FLOW
BRILLOUIN FLOW
CAVITY FLOW
CIRCULATION
CORNER FLOW
CREEP PROPERTIES
CROSS FLOW
EXHAUST NOZZLES
FLOW EQUATIONS
FLOW THEORY
FLOW VELOCITY
FLUID FLOW
GRAZING FLOW
HEAT TRANSMISSION
INFORMATION FLOW
INTERACTIONAL AERODYNAMICS
INVISCID FLOW
LOW DENSITY FLOW
MASS FLOW
ORIFICE FLOW
OUTLET FLOW
PANEL METHOD (FLUID DYNAMICS)
PLASTIC FLOW
REACTING FLOW
SHEAR FLOW
SOLIDS FLOW
STEADY FLOW
TRANSONIC FLOW
UNSTEADY FLOW
VISCOUS FLOW

FLOW CHAMBERS

RT ∞ CHAMBERS

FLOW CHARACTERISTICS

GS DYNAMIC CHARACTERISTICS
. **FLOW CHARACTERISTICS**
. FLOW DISTRIBUTION
. FLOW STABILITY
. . . BOUNDARY LAYER STABILITY
. . . FLAME STABILITY
. . . MAGNETOHYDRODYNAMIC STABILITY
. . . WEIBEL INSTABILITY
. FLOW VELOCITY
RT BAROTROPIC FLOW
∞ CHARACTERISTICS
CRITICAL FLOW
CROSS FLOW
EDDY VISCOSITY
INVISCID FLOW
LAMINAR FLOW
NONUNIFORM FLOW
OUTLET FLOW
REATTACHED FLOW
SEPARATED FLOW
STEADY FLOW
STROUHAL NUMBER
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
TURBULENT FLOW
VISCOSITY
VISCOUS FLOW

FLOW CHARTS

GS CHARTS
. **FLOW CHARTS**
RT BLOCK DIAGRAMS
COMPUTER PROGRAMMING
DATA FLOW ANALYSIS
∞ FLOW GRAPHS
MATHEMATICAL MODELS

FLOW COEFFICIENTS

GS COEFFICIENTS
. **FLOW COEFFICIENTS**
. . DISCHARGE COEFFICIENT
RT AERODYNAMIC COEFFICIENTS
ATTENUATION COEFFICIENTS
MASS FLOW FACTORS
NOZZLE THRUST COEFFICIENTS
REFLECTANCE
TRANSPORT PROPERTIES

FLOW DEFLECTION

RT COMPUTATIONAL FLUID DYNAMICS
DEFLECTORS
FLOW DISTRIBUTION
FLOW VELOCITY
PRANDTL-MEYER EXPANSION

FLOW DIRECTION INDICATORS

GS DISPLAY DEVICES
. **FLOW DIRECTION INDICATORS**
. . WIND VANES
MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. . **FLOW DIRECTION INDICATORS**
. . . WIND VANES

FLOW DISTORTION

GS DISTORTION
. **FLOW DISTORTION**
RT AERODYNAMIC COEFFICIENTS
FLUID FLOW
HORSESHOE VORTICES
MULTIPHASE FLOW
ORR-SOMMERFELD EQUATIONS
OSCILLATING FLOW
SMALL PERTURBATION FLOW
VORTICES
WING TIP VORTICES

FLOW DISTRIBUTION

UF FLOW FIELDS
FLOW PATTERNS
GS DISTRIBUTION (PROPERTY)
. **FLOW DISTRIBUTION**
DYNAMIC CHARACTERISTICS
. FLOW CHARACTERISTICS
. . **FLOW DISTRIBUTION**
RT BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
CAVITATION FLOW
CHAPMAN-ENSKOG THEORY
EXHAUST FLOW SIMULATION
FIELD THEORY (PHYSICS)
FLOW DEFLECTION
∞ FLOW GRAPHS
HYDRODYNAMIC COEFFICIENTS
ISOTHERMAL FLOW
METHOD OF CHARACTERISTICS
NUMERICAL FLOW VISUALIZATION
PARTICLE IMAGE VELOCIMETRY
REATTACHED FLOW
RHEOELECTRICAL SIMULATION
SEPARATED FLOW
STAGNATION POINT
STROUHAL NUMBER
THREE DIMENSIONAL BODIES
TRAPPED VORTICES
VELOCITY DISTRIBUTION
VORTEX SHEETS
WATER TUNNEL TESTS
WIND TUNNEL TESTS

FLOW EQUATIONS

GS **FLOW EQUATIONS**
. BOUNDARY LAYER EQUATIONS
. . BLASIUS EQUATION
. . CHAPLYGIN EQUATION
. NAVIER-STOKES EQUATION
. REYNOLDS EQUATION
. VON KARMAN EQUATION
. VORTICITY EQUATIONS
. . HELMHOLTZ VORTICITY EQUATION
RT BERNOULLI THEOREM
COMPUTATIONAL FLUID DYNAMICS
CONVECTION-DIFFUSION EQUATION
∞ EQUATIONS
FLUID FLOW
K-EPSILON TURBULENCE MODEL
PARTICLE IN CELL TECHNIQUE
PERCUS METHOD
RAYLEIGH EQUATIONS
TURBULENCE MODELS

FLOW FIELDS

USE FLOW DISTRIBUTION

FLOW GEOMETRY

GS GEOMETRY

. **FLOW GEOMETRY**

RT ANNULAR FLOW

AXIAL FLOW

AXISYMMETRIC FLOW

BACKWARD FACING STEPS

BYPASS RATIO

CHANNEL FLOW

COAXIAL FLOW

CORE FLOW

CROSS FLOW

DUCTED FLOW

HELICAL FLOW

HORSESHOE VORTICES

INLET AIRFRAME CONFIGURATIONS

INLET FLOW

LAMINAR FLOW

MERIDIONAL FLOW

NOZZLE FLOW

ONE DIMENSIONAL FLOW

PARALLEL FLOW

RADIAL FLOW

STEADY FLOW

STRATIFIED FLOW

THREE DIMENSIONAL FLOW

TWO DIMENSIONAL FLOW

WEDGE FLOW

∞ FLOW GRAPHSSN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT EQUIPOTENTIALS

FLOW CHARTS

FLOW DISTRIBUTION

SIGNAL FLOW GRAPHS

FLOW MEASUREMENT

GS MECHANICAL MEASUREMENT

. **FLOW MEASUREMENT**

. . . PARTICLE IMAGE VELOCIMETRY

RT ANEMOMETERS

ANNULI

DRAG FORCE ANEMOMETERS

DRAG MEASUREMENT

FLOWMETERS

FLUID FLOW

GAS METERS

HOT-FILM ANEMOMETERS

HOT-WIRE ANEMOMETERS

LASER DOPPLER VELOCIMETERS

∞ MEASUREMENT

MULTIPHASE FLOW

NONINTRUSIVE MEASUREMENT

∞ NOZZLES

ORIFICES

PITOT TUBES

PNEUMATIC PROBES

PRESSURE MEASUREMENT

RHEOLOGY

SOLIDS FLOW

VELOCITY MEASUREMENT

VENTURI TUBES

WATER FLOW

WIND VELOCITY

FLOW NETSRT EQUIPOTENTIALS
SEEPAGE**FLOW PATTERNS**

USE FLOW DISTRIBUTION

FLOW RATE

USE FLOW VELOCITY

FLOW REGULATORS

GS REGULATORS

. **FLOW REGULATORS**

. . . FUEL FLOW REGULATORS

RT FLOWMETERS

OXYGEN REGULATORS

PRESSURE REGULATORS

FLOW RESISTANCE

GS FRICTION

. **FLOW RESISTANCE**

. . . FRICTION DRAG

. . . AERODYNAMIC DRAG

. . . SUPERSONIC DRAG

. . . VISCOUS DRAG

FLOW RESISTANCE--(cont.)

RT EDDY VISCOSITY

∞ HIGH RESISTANCE

∞ LOW RESISTANCE

∞ RESISTANCE

SKIN FRICTION

VISCOSITY

FLOW SEPARATIONUSE BOUNDARY LAYER SEPARATION
SEPARATED FLOW**FLOW STABILITY**

UF HYDRODYNAMIC STABILITY

GS DYNAMIC CHARACTERISTICS

. DYNAMIC STABILITY

. . MOTION STABILITY

. . . **FLOW STABILITY**

. . . . BOUNDARY LAYER STABILITY

. . . . FLAME STABILITY

. . . . MAGNETOHYDRODYNAMIC

STABILITY

. . . . WEIBEL INSTABILITY

. FLOW CHARACTERISTICS

. . **FLOW STABILITY**

. . . BOUNDARY LAYER STABILITY

. . . FLAME STABILITY

. . . MAGNETOHYDRODYNAMIC

STABILITY

. . . . WEIBEL INSTABILITY

STABILITY

. DYNAMIC STABILITY

. . MOTION STABILITY

. . . **FLOW STABILITY**

. . . . BOUNDARY LAYER STABILITY

. . . . FLAME STABILITY

. . . . MAGNETOHYDRODYNAMIC

STABILITY

. . . . WEIBEL INSTABILITY

RT AERODYNAMIC STABILITY

BAROCLINIC INSTABILITY

DIRECTIONAL STABILITY

FLUID FLOW

GOERTLER INSTABILITY

HYDRODYNAMIC EQUATIONS

HYDROFOIL OSCILLATIONS

KELVIN-HELMHOLTZ INSTABILITY

LAMINAR FLOW

LATERAL STABILITY

LONGITUDINAL STABILITY

LOW SPEED STABILITY

ORR-SOMMERFELD EQUATIONS

ROTARY STABILITY

STEADY FLOW

STROUHAL NUMBER

SUPERSONIC DIFFUSERS

SYSTEMS STABILITY

TURBULENT FLOW

UNSTEADY FLOW

VISCOUS FLUIDS

VON KARMAN EQUATION

VORTEX BREAKDOWN

VORTEX FILAMENTS

VORTICES

VORTICITY

FLOW THEORYGS **FLOW THEORY**

. MIXING LENGTH FLOW THEORY

RT AERODYNAMICS

BOUNDARY LAYER EQUATIONS

CONTINUUM MECHANICS

CONVECTION-DIFFUSION EQUATION

DISLOCATIONS (MATERIALS)

FLUID FLOW

FLUID MECHANICS

HYDRODYNAMIC EQUATIONS

HYDRODYNAMICS

LIGHTHILL METHOD

MASS FLOW

NAVIER-STOKES EQUATION

ORR-SOMMERFELD EQUATIONS

PANEL METHOD (FLUID DYNAMICS)

PNEUMATICS

RHEOLOGY

SOLIDS FLOW

∞ THEORIES

FLOW VELOCITY

UF FLOW RATE

GS DYNAMIC CHARACTERISTICS

. FLOW CHARACTERISTICS

. . **FLOW VELOCITY**

RATES (PER TIME)

. **FLOW VELOCITY****FLOW VELOCITY--(cont.)**

. . SOLAR WIND VELOCITY

VELOCITY

. **FLOW VELOCITY**

. . SOLAR WIND VELOCITY

RT CHOKED FLOW

DISCHARGE COEFFICIENT

DUMP COMBUSTORS

EXHAUST VELOCITY

∞ FLOW

FLOW DEFLECTION

HYDRODYNAMIC COEFFICIENTS

HYPERSONIC FLOW

HYPERVELOCITY FLOW

LASER ANEMOMETERS

LOW SPEED

MASS FLOW RATE

PARALLEL FLOW

PARTICLE IMAGE VELOCIMETRY

SUBSONIC FLOW

SUPERSONIC FLOW

TRANSONIC FLOW

UNSTEADY FLOW

VELOCITY DISTRIBUTION

VELOCITY MEASUREMENT

VORTEX LATTICE METHOD

VORTEX PRECESSION

FLOW VISUALIZATION

UF VISUALIZATION OF FLOW

GS **FLOW VISUALIZATION**

. NUMERICAL FLOW VISUALIZATION

RT DIFFERENTIAL INTERFEROMETRY

FLUID FLOW

HYDRAULIC ANALOGIES

PARTICLE IMAGE VELOCIMETRY

SCHLIEREN PHOTOGRAPHY

SHADOWGRAPH PHOTOGRAPHY

WATER TUNNEL TESTS

WIND TUNNEL MODELS

FLOWMETERS

GS MEASURING INSTRUMENTS

. **FLOWMETERS**

. . GAS METERS

. . HOT-WIRE FLOWMETERS

. . RHEOMETERS

RT ELECTRICAL MEASUREMENT

FLOW MEASUREMENT

FLOW REGULATORS

FLUID FLOW

FUEL GAGES

HOT-WIRE ANEMOMETERS

MECHANICAL MEASUREMENT

ORIFICES

PITOT TUBES

PRESSURE GAGES

PRESSURE MEASUREMENT

SONIC ANEMOMETERS

SPEED INDICATORS

TURBINE INSTRUMENTS

VELOCITY MEASUREMENT

VENTURI TUBES

VORTEX PRECESSION

FLOX

UF FLUORINE-LIQUID OXYGEN

GS LIQUIDS

. CRYOGENIC FLUIDS

. . **FLOX**

OXIDIZERS

. . ROCKET OXIDIZERS

. . **FLOX**

RT FLUORINE

LIQUID OXYGEN

FLTSATCOMUSE FLEET SATELLITE COMMUNICATION
SYSTEM**FLUCTUATION**

USE VARIATIONS

FLUCTUATION THEORYRT HOMOGENEOUS TURBULENCE
SQUEEZED STATES (QUANTUM THEORY)
STATISTICAL MECHANICS
∞ THEORIES**FLUE GASES**

GS GASES

. EXHAUST GASES

. . **FLUE GASES**

RT AIR POLLUTION

COMBUSTION PRODUCTS

FLUE GASES--(cont.)

DESULFURIZING
ELECTRIC POWER PLANTS
FLUES
POLLUTION CONTROL
SCRUBBERS

FLUENCE

RT HEALTH PHYSICS
IONIZING RADIATION
RADIATION COUNTERS

FLUERICS

GS FLUIDICS
FLUERICS
RT FLUID AMPLIFIERS
FLUID SWITCHING ELEMENTS
FLUIDIC CIRCUITS
HYDRAULIC ANALOGIES

FLUES

RT CHIMNEYS
DRAFT (GAS FLOW)
DUCTS
EXHAUST SYSTEMS
FLUE GASES
VENTS

FLUID AMPLIFICATION

USE FLUID AMPLIFIERS

FLUID AMPLIFIERS

UF FLUID AMPLIFICATION
FLUID JET AMPLIFIERS
GS AMPLIFIERS
FLUID AMPLIFIERS
JET AMPLIFIERS
RT AMPLIFICATION
AUTOMATIC CONTROL VALVES
BOUNDARY LAYER CONTROL
COANDA EFFECT
CONVERGENT NOZZLES
FLUERICS
FLUIDIC CIRCUITS
FLUIDICS
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT
PRESSURE RECOVERY
TURBULENT FLOW
TURBULENT JETS
WALL JETS

FLUID BOUNDARIES

GS BOUNDARIES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
JET BOUNDARIES
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
INTERFACES
FLUID BOUNDARIES
GAS-SOLID INTERFACES
JET BOUNDARIES
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
RT BACKWARD FACING STEPS
BOUNDARY LAYERS
CAVITY FLOW
FREE BOUNDARIES
HEAT TRANSFER
INTERFACE STABILITY
LIQUID LEVELS
LIQUID SURFACES
PRESSURE GRADIENTS

FLUID DYNAMICS

UF CASCADES (FLUID DYNAMICS)
GS FLUID MECHANICS
FLUID DYNAMICS
COMPUTATIONAL FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
AEROTHERMODYNAMICS
HYPERSONICS
ROTOR AERODYNAMICS
SUPERSONICS
UNSTEADY AERODYNAMICS
INTERACTIONAL AERODYNAMICS
RAREFIED GAS DYNAMICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS

FLUID DYNAMICS--(cont.)

RT ROTONS
VORTEX SHEDDING
CONTINUITY EQUATION
CONVECTION
CROSS FLOW
DYNAMICS
EYRING THEORY
FLUID MANAGEMENT
FLUX VECTOR SPLITTING
GAS-SOLID INTERACTIONS
GEOPHYSICAL FLUIDS
GLIMM METHOD
HYDRAULICS
HYDROMECHANICS
KINETICS
LOW DENSITY FLOW
MAGNUS EFFECT
MECHANICS (PHYSICS)
OCEAN DYNAMICS
PANEL METHOD (FLUID DYNAMICS)
PARALLEL FLOW
PISTON THEORY
PRIMITIVE EQUATIONS
QUASI-STEADY STATES
SCIENCE
SLAMMING
STAGNATION POINT
STEADY STATE
STREAMLINING
THERMOHYDRAULICS
TURBULENCE
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW
UNSTEADY STATE
VORTEX FILAMENTS

FLUID FILLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
RT HYDRODYNAMIC RAM EFFECT
PROPELLANT TANKS
REINFORCED SHELLS
SHELL STABILITY
STORAGE
TANKS (CONTAINERS)
VESSELS

FLUID FILMS

GS FLUID FILMS
SQUEEZE FILMS
RT FILMS
GAS BEARINGS
LIQUID-SOLID INTERFACES

FLUID FILTERS

UF MASS FILTERS
PARTICULATE FILTERS
GS SEPARATORS
FLUID FILTERS
AIR FILTERS
RT CENTRIFUGES
CONCENTRATORS
FILTERS
FILTRATION
FLUIDIZED BED PROCESSORS
SIEVES
SIZING SCREENS

FLUID FLOW

UF INDUCED FLUID FLOW
ROTATIONAL FLOW
GS FLUID FLOW
ADIABATIC FLOW
AXIAL FLOW
AXISYMMETRIC FLOW
ANNULAR FLOW
KARMAN-BODEWADT FLOW
BAROTROPIC FLOW
BASE FLOW
BELTRAMI FLOW
BLOOD FLOW
CAPILLARY FLOW
CASCADE FLOW
CAVITY FLOW
CHANNEL FLOW
OPEN CHANNEL FLOW
CHOKED FLOW
COAXIAL FLOW
COMPRESSIBLE FLOW
TRANSONIC FLOW
CONICAL FLOW
CONVECTIVE FLOW

FLUID FLOW--(cont.)

RAYLEIGH-BENARD CONVECTION
BENARD CELLS
CORE FLOW
CORNER FLOW
COUNTERFLOW
CRITICAL FLOW
CROSS FLOW
DUCTED FLOW
KNUDSEN FLOW
FREE FLOW
FUEL FLOW
PROPELLANT TRANSFER
GAS FLOW
AIR FLOW
AIR CURRENTS
JET STREAMS (METEOROLOGY)
MERIDIONAL FLOW
VERTICAL AIR CURRENTS
CONTINUUM FLOW
COOLING FLOWS (ASTROPHYSICS)
EQUILIBRIUM FLOW
FROZEN EQUILIBRIUM FLOW
SHIFTING EQUILIBRIUM FLOW
FREE MOLECULAR FLOW
KNUDSEN FLOW
MOLECULAR FLOW
SLIP FLOW
TRANSITION FLOW
NONEQUILIBRIUM FLOW
PIPE FLOW
HEAD (FLUID MECHANICS)
HEAD FLOW
PRESSURE HEADS
HELICAL FLOW
HYPERSONIC FLOW
HYPERVELOCITY FLOW
INCOMPRESSIBLE FLOW
STOKES FLOW
INLET FLOW
INVISCID FLOW
STAGNATION FLOW
ISOTHERMAL FLOW
JET FLOW
AIR JETS
PERIPHERAL JET FLOW
SUPERSONIC JET FLOW
JET MIXING FLOW
LAMINAR FLOW
BLASIUS FLOW
HARTMANN FLOW
STRATIFIED FLOW
LIQUID FLOW
OPEN CHANNEL FLOW
WATER FLOW
MAGNETOHYDRODYNAMIC FLOW
MASS FLOW
MULTIPHASE FLOW
TWO PHASE FLOW
NONNEWTONIAN FLOW
NONUNIFORM FLOW
NOZZLE FLOW
ONE DIMENSIONAL FLOW
ORIFICE FLOW
OUTLET FLOW
PARALLEL FLOW
PIPE FLOW
THREE DIMENSIONAL FLOW
PLASTIC FLOW
TRESCA FLOW
POTENTIAL FLOW
EQUIPOTENTIALS
RADIAL FLOW
REACTING FLOW
COMBUSTIBLE FLOW
RECIRCULATIVE FLUID FLOW
REVERSED FLOW
SHEAR FLOW
SINGLE-PHASE FLOW
SMALL PERTURBATION FLOW
SOLIDS FLOW
STEADY FLOW
COUETTE FLOW
HARTMANN FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUBSONIC FLOW
SUPERCRITICAL FLOW
SUPERSONIC FLOW
TURBULENT FLOW
CAVITATION FLOW
SUPERCAVITATING FLOW
TWO DIMENSIONAL FLOW
COUETTE FLOW
UNIFORM FLOW
BLASIUS FLOW

FLUID FLOW--(cont.)

RT UNSTEADY FLOW
 . . . OSCILLATING FLOW
 . . . VISCOUS FLOW
 . . . BOUNDARY LAYER FLOW
 . . . REATTACHED FLOW
 . . . SECONDARY FLOW
 . . . SEPARATED FLOW
 . . . BOUNDARY LAYER SEPARATION
 . . . COUETTE FLOW
 . . . KARMAN-BODEWADT FLOW
 . . . STOKES FLOW
 . . . WALL FLOW
 . . . WEDGE FLOW
 RT ACOUSTIC STREAMING
 ANNULAR DUCTS
 BERNOULLI THEOREM
 BOUNDARY LAYERS
 CANALS
 CARTAN SPACE
 CHEMICAL ENGINEERING
 CIRCULATION
 COAXIAL NOZZLES
 ∞ CONDUCTIVITY
 CONVECTION CURRENTS
 ∞ CURRENTS
 DIMENSIONAL ANALYSIS
 DIMENSIONLESS NUMBERS
 DRAG REDUCTION
 DUCT GEOMETRY
 EXPULSION
 ∞ FLOW
 FLOW DISTORTION
 FLOW EQUATIONS
 FLOW MEASUREMENT
 FLOW STABILITY
 FLOW THEORY
 FLOW VISUALIZATION
 FLOWMETERS
 FLUIDICS
 ∞ FLUIDS
 FRICTION
 FROUDE NUMBER
 GEOPHYSICAL FLUID FLOW CELLS
 HEAT TRANSMISSION
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROMECHANICS
 INJECTION
 LABYRINTH SEALS
 LEAKAGE
 LEWIS NUMBERS
 MAGNUS EFFECT
 MANNING THEORY
 MATERIALS HANDLING
 MECHANICAL ENGINEERING
 OCEAN CURRENTS
 OCEAN SURFACE
 PIPES (TUBES)
 PLANETARY WAVES
 PRESSURE GRADIENTS
 RAYLEIGH WAVES
 REYNOLDS NUMBER
 SKIN FRICTION
 SOLAR CONVECTION (ASTRONOMY)
 STELLAR CONVECTION
 STREAMS
 SUPERSONIC BOUNDARY LAYERS
 SURGES
 SYRINGES
 THERMOHYDRAULICS
 ULTRASONIC CLEANING
 VORTICES
 WING FLOW METHOD TESTS

FLUID INJECTION

GS INJECTION
 . . . FLUID INJECTION
 . . . GAS INJECTION
 . . . LIQUID INJECTION
 . . . DEEP WELL INJECTION (WASTES)
 . . . WATER INJECTION
 RT CHANNEL FLOW
 FUEL INJECTION
 INLET FLOW
 LAMINAR MIXING
 NOZZLE FLOW
 SECONDARY INJECTION

FLUID JET AMPLIFIERS

USE FLUID AMPLIFIERS
 JET AMPLIFIERS

FLUID JETS

GS FLUID JETS

FLUID JETS--(cont.)

. . . AIR JETS
 . . . FREE JETS
 . . . GAS JETS
 . . . HYDRAULIC JETS
 . . . VAPOR JETS
 RT JET AMPLIFIERS
 JET FLOW
 JET MIXING FLOW
 JET STREAMS (METEOROLOGY)
 ∞ JETS
 PLASMA JETS

FLUID LOGIC

RT COMPUTER DESIGN
 FLUIDIC CIRCUITS
 FLUIDICS
 ∞ LOGIC
 LOGIC CIRCUITS

FLUID MANAGEMENT

RT CRYOGENIC FLUID STORAGE
 CRYOGENIC FLUIDS
 CRYOGENIC ROCKET PROPELLANTS
 FLUID DYNAMICS
 FUEL CONTROL
 MICROGRAVITY

FLUID MECHANICS

GS FLUID MECHANICS
 . . . FLUID DYNAMICS
 . . . COMPUTATIONAL FLUID DYNAMICS
 . . . GAS DYNAMICS
 . . . AERODYNAMICS
 . . . AEROTHERMODYNAMICS
 . . . HYPERSONICS
 . . . ROTOR AERODYNAMICS
 . . . SUPERSONICS
 . . . UNSTEADY AERODYNAMICS
 . . . INTERACTIONAL AERODYNAMICS
 . . . RAREFIED GAS DYNAMICS
 . . . HYDRODYNAMICS
 . . . ELASTOHYDRODYNAMICS
 . . . ELECTROHYDRODYNAMICS
 . . . MAGNETOHYDRODYNAMICS
 . . . ROTONS
 . . . VORTEX SHEDDING
 . . . HYDROMECHANICS
 . . . HYDRODYNAMICS
 . . . ELASTOHYDRODYNAMICS
 . . . ELECTROHYDRODYNAMICS
 . . . MAGNETOHYDRODYNAMICS
 . . . HYDROSTATICS
 . . . MAGNETOHYDROSTATICS
 . . . PNEUMATICS
 RT AEROSTATICS
 ∞ BLEEDING
 CONTINUUM MECHANICS
 DIFFUSIVITY
 ∞ DYNAMICS
 FLAT PLATES
 FLOW THEORY
 FLUIDICS
 ∞ HYDRAULICS
 HYDRODYNAMIC EQUATIONS
 INCOMPRESSIBILITY
 KINETICS
 MAXWELL FLUIDS
 ∞ MECHANICS (PHYSICS)
 MICROPOLAR FLUIDS
 ∞ SCIENCE
 STATICS
 SUPERCRITICAL FLUIDS
 THERMODYNAMICS

FLUID POWER

RT COMPRESSIBLE FLUIDS
 FLUID PRESSURE
 FLUIDIC CIRCUITS
 FLUIDICS
 HYDRAULIC CONTROL
 HYDRAULIC EQUIPMENT
 ∞ HYDRAULICS
 HYDRODYNAMICS
 INCOMPRESSIBLE FLUIDS
 PNEUMATIC CONTROL
 PNEUMATIC EQUIPMENT
 PNEUMATICS
 ∞ POWER
 ∞ PRESSURE DROP
 WORKING FLUIDS

FLUID PRESSURE

GS PRESSURE
 . . . FLUID PRESSURE

FLUID PRESSURE--(cont.)

. . . WATER PRESSURE
 RT BETA FACTOR
 FLUID POWER
 FLUIDICS
 ∞ FLUIDS
 HYDRAULIC FLUIDS

FLUID ROTOR GYROSCOPES

GS GYROSCOPES
 . . . ROTARY GYROSCOPES
 . . . FLUID ROTOR GYROSCOPES
 RT FLOTATION
 GIMBALS

FLUID SWITCHING ELEMENTS

GS CIRCUITS
 . . . SWITCHING CIRCUITS
 . . . FLUID SWITCHING ELEMENTS
 SWITCHES
 . . . SWITCHING CIRCUITS
 . . . FLUID SWITCHING ELEMENTS
 RT ACOUSTIC STREAMING
 AUTOMATIC CONTROL VALVES
 FLIP-FLOPS
 FLUERICS
 FLUIDIC CIRCUITS
 FLUIDICS
 HYDRAULIC EQUIPMENT
 PNEUMATIC EQUIPMENT

FLUID TRANSMISSION LINES

GS TRANSMISSION LINES
 . . . FLUID TRANSMISSION LINES
 RT HYDRAULIC FLUIDS
 TRANSMISSION FLUIDS
 WORKING FLUIDS

FLUID TRANSPIRATION

USE TRANSPIRATION

FLUID-SOLID INTERACTIONS

GS FLUID-SOLID INTERACTIONS
 . . . GAS-SOLID INTERACTIONS
 . . . GAS-METAL INTERACTIONS
 RT GAS-SOLID INTERFACES
 ∞ INTERACTIONS
 LIQUID-SOLID INTERFACES
 SURFACE REACTIONS

FLUIDIC CIRCUITS

GS CIRCUITS
 . . . FLUIDIC CIRCUITS
 RT FLIP-FLOPS
 FLUERICS
 FLUID AMPLIFIERS
 FLUID LOGIC
 FLUID POWER
 FLUID SWITCHING ELEMENTS
 FLUIDICS
 FLY BY TUBE CONTROL

FLUIDICS

GS FLUIDICS
 . . . FLUERICS
 RT AMPLIFICATION
 ∞ CONTROL
 FLUID AMPLIFIERS
 FLUID FLOW
 FLUID LOGIC
 FLUID MECHANICS
 FLUID POWER
 FLUID PRESSURE
 FLUID SWITCHING ELEMENTS
 FLUIDIC CIRCUITS
 HYDRAULIC ANALOGIES
 HYDRAULIC CONTROL
 ∞ LOGIC
 PNEUMATIC CIRCUITS
 PNEUMATIC CONTROL
 PNEUMATIC EQUIPMENT
 PNEUMATICS

FLUIDIZED BED PROCESSORS

RT BEDS (PROCESS ENGINEERING)
 CHEMICAL REACTORS
 FLUID FILTERS
 FURNACES
 SEPARATORS

∞ FLUIDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

FLUIDS--(cont.)

RT ANISOTROPIC FLUIDS
 BINARY FLUIDS
 BODY FLUIDS
 CEREBROSPINAL FLUID
 COMPRESSIBLE FLUIDS
 CRYOGENIC FLUIDS
 FERROFLUIDS
 FLUID FLOW
 FLUID PRESSURE
 GASES
 GYROSCOPE FLUIDS
 HIGH TEMPERATURE FLUIDS
 HYDRAULIC FLUIDS
 IDEAL FLUIDS
 INCOMPRESSIBLE FLUIDS
 LIQUIDS
 MAXWELL FLUIDS
 MICROPOLAR FLUIDS
 NEWTONIAN FLUIDS
 NONEQUILIBRIUM FLOW
 NONNEWTONIAN FLUIDS
 RHEOLOGY
 ROTATING FLUIDS
 SERUMS
 SIPHONING
 SOLIDS
 SUPERCRITICAL FLUIDS
 SUPERFLUIDITY
 TRANSMISSION FLUIDS
 VISCOUS FLUIDS
 WEIGHTLESS FLUIDS
 WORKING FLUIDS

FLUORESCENCE

UF FLUORESCENT EMISSION
 GS EMISSION
 . LIGHT EMISSION
 . LUMINESCENCE
 . . FLUORESCENCE
 . . . LASER INDUCED FLUORESCENCE
 . . . PHOSPHORESCENCE
 . . . RESONANCE FLUORESCENCE
 . . . X RAY FLUORESCENCE
 RT ELECTROMAGNETIC ABSORPTION
 EXTINCTION
 MOSSBAUER EFFECT
 PHOSPHORS
 PHOTOEXCITATION
 PHOTOLUMINESCENCE
 PLASMA RADIATION
 RHODAMINE
 TRIBOLUMINESCENCE

FLUORESCENT EMISSION

USE FLUORESCENCE

FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . ANTIMONY FLUORIDES
 . . . BARIUM FLUORIDES
 . . . BORON FLUORIDES
 . . . CHLORINE FLUORIDES
 . . . COMPOUND A
 . . . CRYOLITE
 . . . DEUTERIUM FLUORIDES
 . . . DIFLUORIDES
 . . . CALCIUM FLUORIDES
 FLUORSPAR
 . . . HYDROFLUORIC ACID
 . . . METAL FLUORIDES
 ALUMINUM FLUORIDES
 BERYLLIUM FLUORIDES
 CADMIUM FLUORIDES
 CALCIUM FLUORIDES
 CESIUM FLUORIDES
 CHROMIUM FLUORIDES
 COBALT FLUORIDES
 COPPER FLUORIDES
 LANTHANUM FLUORIDES
 LITHIUM FLUORIDES
 MAGNESIUM FLUORIDES
 NICKEL FLUORIDES
 PLUTONIUM FLUORIDES
 PROTACTINIUM FLUORIDES
 SODIUM FLUORIDES
 STRONTIUM FLUORIDES
 THORIUM FLUORIDES
 TUNGSTEN FLUORIDES
 URANIUM FLUORIDES
 ZINC FLUORIDES
 . . . NITROGEN FLUORIDES
 . . . NITRYL FLUORIDES

FLUORIDES--(cont.)

. . . OXYFLUORIDES
 . . . OXYGEN FLUORIDES
 . . . OZONE FLUORIDE
 . . . PERCHLORYL FLUORIDES
 . . . POLYVINYL FLUORIDE
 . . . SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE
 . . . TECHNETIUM FLUORIDES
 . . . HALIDES
 . . . FLUORIDES
 ANTIMONY FLUORIDES
 BARIUM FLUORIDES
 BORON FLUORIDES
 CHLORINE FLUORIDES
 DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 HYDROFLUORIC ACID
 NITROGEN FLUORIDES
 OXYFLUORIDES
 OXYGEN FLUORIDES
 OZONE FLUORIDE
 PERCHLORYL FLUORIDES
 SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE
 TECHNETIUM FLUORIDES
 RT EXCIMER LASERS

FLUORINATION

GS CHEMICAL REACTIONS
 . HALOGENATION
 . . FLUORINATION
 RT DEFLUORINATION

FLUORINE

GS CHEMICAL ELEMENTS
 . HALOGENS
 . . FLUORINE
 . . . FLUORINE ISOTOPES
 RT FLOX
 OXIDIZERS

FLUORINE COMPOUNDS

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . ANTIMONY FLUORIDES
 . . . BARIUM FLUORIDES
 . . . BORON FLUORIDES
 . . . CHLORINE FLUORIDES
 . . . COMPOUND A
 . . . CRYOLITE
 . . . DEUTERIUM FLUORIDES
 . . . DIFLUORIDES
 . . . CALCIUM FLUORIDES
 FLUORSPAR
 . . . HYDROFLUORIC ACID
 . . . METAL FLUORIDES
 ALUMINUM FLUORIDES
 BERYLLIUM FLUORIDES
 CADMIUM FLUORIDES
 CALCIUM FLUORIDES
 CESIUM FLUORIDES
 CHROMIUM FLUORIDES
 COBALT FLUORIDES
 COPPER FLUORIDES
 LANTHANUM FLUORIDES
 LITHIUM FLUORIDES
 MAGNESIUM FLUORIDES
 NICKEL FLUORIDES
 PLUTONIUM FLUORIDES
 PROTACTINIUM FLUORIDES
 SODIUM FLUORIDES
 STRONTIUM FLUORIDES
 THORIUM FLUORIDES
 TUNGSTEN FLUORIDES
 URANIUM FLUORIDES
 ZINC FLUORIDES
 . . . NITROGEN FLUORIDES
 . . . NITRYL FLUORIDES
 . . . OXYFLUORIDES
 . . . OXYGEN FLUORIDES
 . . . OZONE FLUORIDE
 . . . PERCHLORYL FLUORIDES
 . . . POLYVINYL FLUORIDE
 . . . SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE
 TECHNETIUM FLUORIDES
 . . . FLUORITE
 . . . FLUORO COMPOUNDS
 CRYOLITE
 DIFLUORO COMPOUNDS
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
 POLYTETRAFLUOROETHYLENE

FLUORINE COMPOUNDS--(cont.)

. . . . TEFLON (TRADEMARK)
 . . . FLUORINE ORGANIC COMPOUNDS
 . . . FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 . . . FLUOROCARBONS
 . . . FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 CHLOROFLUOROMETHANE
 KEL-F
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
 . . . FLUOROSILICATES
 TETRAFLUOROHYDRAZINE
 RT . . . CHEMICAL COMPOUNDS
 HALOCARBONS

FLUORINE ISOTOPES

GS CHEMICAL ELEMENTS
 . HALOGENS
 . . FLUORINE
 . . . FLUORINE ISOTOPES
 NUCLIDES
 ISOTOPES
 . . . FLUORINE ISOTOPES

FLUORINE ORGANIC COMPOUNDS

UF ORGANIC FLUORINE COMPOUNDS
 GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 FLUOROCARBONS
 FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 CHLOROFLUOROMETHANE
 KEL-F
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROAMINES
 . . . NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 . . . FLUOROCARBONS
 . . . FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 CHLOROFLUOROMETHANE
 . . . FLUOROPOLYMERS
 POLYVINYL FLUORIDE
 KEL-F
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
 RT . . . CHEMICAL COMPOUNDS

FLUORINE-LIQUID OXYGEN

USE FLOX

FLUORITE

GS CALCIUM COMPOUNDS
 . FLUORITE
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORITE
 MINERALS
 . FLUORITE

FLUORO COMPOUNDS

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . CRYOLITE
 . . . DIFLUORO COMPOUNDS
 PERFLUOROALKANE
 POLYTETRAFLUOROETHYLENE
 TEFLON (TRADEMARK)
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 FLUOROCARBONS
 FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 CHLOROFLUOROMETHANE
 KEL-F
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
 FLUOROSILICATES
 TETRAFLUOROHYDRAZINE
 RT . . . CHEMICAL COMPOUNDS
 HALOCARBONS

FLUOROAMINES

GS AMINES
 . FLUOROAMINES
 . . NITROFLUOROAMINES
 . . TRIFLUOROAMINE OXIDE
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
 NITROFLUOROAMINES
 TRIFLUOROAMINE OXIDE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROAMINES
 . . . NITROFLUOROAMINES
 . . . TRIFLUOROAMINE OXIDE

FLUOROCARBONS

GS CARBON COMPOUNDS
 . HALOCARBONS
 . . FLUOROCARBONS
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROCARBONS
 HALOCARBONS
 FLUOROCARBONS
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROCARBONS
 CHLOROFLUOROCARBONS
 FLUOROHYDROCARBONS
 FLUOROPOLYMERS

FLUOROHYDROCARBONS

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 CHLOROFLUOROMETHANE
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROHYDROCARBONS
 . . . CARBON TETRAFLUORIDE
 . . . CHLOROFLUOROMETHANE
 RT FLUOROCARBONS
 FREON
 REFRIGERANTS
 VITON RUBBER (TRADEMARK)

FLUOROMICA

USE FLUOROSILICATES
 MICA

FLUOROPHLOGOPITE

GS MINERALS
 . MICA
 . . FLUOROPHLOGOPITE

FLUOROPLASTICS

USE FLUOROPOLYMERS

FLUOROPOLYMERS

UF FLUOROPLASTICS
 GS ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROPOLYMERS
 . . . POLYVINYL FLUORIDE
 RT FLUOROCARBONS
 PLASTICS
 ∞ POLYMERS

FLUOROSCOPY

RT MEDICAL EQUIPMENT
 X RAY ANALYSIS

FLUOROSILICATES

UF FLUOROMICA
 GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUOROSILICATES
 SILICON COMPOUNDS
 . SILICATES
 . . FLUOROSILICATES
 RT MINERALS

FLUORSPAR

GS CALCIUM COMPOUNDS
 . CALCIUM FLUORIDES

FLUORSPAR--(cont.)

. . FLUORSPAR
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 . HALIDES
 . . FLUORIDES
 . . . DIFLUORIDES
 CALCIUM FLUORIDES
 FLUORSPAR
 MINERALS
 . FLUORSPAR

FLUSHING

RT CLEANING
 EJECTION
 ELUTION
 EXPELLANTS
 LEACHING
 PURGING
 PURIFICATION
 ∞ SEPARATION
 VENTING
 WASHING
 WASTE WATER

FLUTING

USE GROOVING

FLUTTER

UF AERODYNAMIC BUZZ
 AEROMAGNETO FLUTTER
 GS VIBRATION
 . STRUCTURAL VIBRATION
 . . FLUTTER
 . . . PANEL FLUTTER
 . . . SUBSONIC FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . TRANSONIC FLUTTER
 RT AERODYNAMIC NOISE
 AERODYNAMIC STABILITY
 AEROELASTIC RESEARCH WINGS
 AEROELASTICITY
 AEROSERVOELASTICITY
 AIRFOIL OSCILLATIONS
 BENDING
 BENDING VIBRATION
 BOUNDARY LAYER CONTROL
 BUFFETING
 COMPRESSIBILITY EFFECTS
 DAST PROGRAM
 FLAPPING
 FLIGHT CHARACTERISTICS
 FORCED VIBRATION
 HOVERING
 HYDROFOIL OSCILLATIONS
 INFLUENCE COEFFICIENT
 MISSILE VIBRATION
 RANDOM VIBRATION
 RESONANT VIBRATION
 SELF INDUCED VIBRATION
 SHAKING
 SPACECRAFT MOTION
 TURBULENCE EFFECTS
 UNDAMPED OSCILLATIONS
 UNSTEADY AERODYNAMICS
 VIBRATION SIMULATORS
 VIBRATION TESTS
 VIBRATIONAL STRESS
 WING OSCILLATIONS

FLUTTER ANALYSIS

GS STRUCTURAL ANALYSIS
 . FLUTTER ANALYSIS
 RT AEROELASTIC RESEARCH WINGS
 AIRFOIL OSCILLATIONS
 STRUCTURAL VIBRATION
 UNSTEADY AERODYNAMICS

∞ FLUX

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT FLUX (RATE)
 FLUX DENSITY
 FLUX QUANTIZATION
 FLUXES
 LEVEL (QUANTITY)

FLUX (RATE PER UNIT AREA)

USE FLUX DENSITY

FLUX (RATE)

SN (LIMITED TO THE TOTAL EMANATION OF
 ENERGY, MATERIAL OR PARTICLES
 FROM A SINGLE SOURCE PER UNIT
 TIME--SEE FLUX DENSITY FOR ENERGY,
 MATERIAL OR PARTICLE RATE PER
 UNIT AREA)
 UF ELECTRON FLUX
 NEUTRON FLUX
 PARTICLE FLUX
 GS RATES (PER TIME)
 . FLUX (RATE)
 . . HEAT FLUX
 . . MAGNETIC FLUX
 . . SOLAR FLUX
 RT BETA PARTICLES
 BRIGHTNESS
 CORPUSCULAR RADIATION
 DOSIMETERS
 ELECTROMAGNETIC RADIATION
 EMITTANCE
 ∞ ENERGY
 FIELD THEORY (PHYSICS)
 FLUX DENSITY
 GAMMA RAYS
 ∞ INTENSITY
 LEVEL (QUANTITY)
 LUMINOUS INTENSITY
 MAGNETIC CIRCUITS
 MAGNETIC INDUCTION
 MAGNETOSTATICS
 PARTICLE BEAMS
 PARTICLE DIFFUSION
 ∞ POWER
 RADIANT FLUX DENSITY
 ∞ RADIATION
 STEFAN-BOLTZMANN LAW

FLUX DENSITY

SN (LIMITED TO ENERGY, MATERIAL OR
 PARTICLE RATE PER UNIT AREA, THE
 QUANTITY USUALLY MEASURED--SEE
 FLUX (RATE) FOR TOTAL EMANATION
 FROM A SINGLE SOURCE PER UNIT
 TIME)
 UF DENSITY (RATE/AREA)
 ENERGY DENSITY
 FLUX (RATE PER UNIT AREA)
 FLUX MAPPING
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . CURRENT DENSITY
 . . PHOTON DENSITY
 . . RADIANT FLUX DENSITY
 . . . IRRADIANCE
 ILLUMINANCE
 SOLAR CONSTANT
 LUMENS
 LUMINOUS INTENSITY
 ILLUMINANCE
 LUMINANCE
 PARTICLE FLUX DENSITY
 ELECTRON FLUX DENSITY
 NEUTRON FLUX DENSITY
 PROTON FLUX DENSITY
 . . . RADIANCE
 . . . RADIANCY
 SOLAR FLUX DENSITY
 SOLAR CONSTANT
 SOUND INTENSITY
 ZERO SOUND
 RT ALPHA PARTICLES
 ANGULAR DISTRIBUTION
 ATOM CONCENTRATION
 ∞ DENSITY
 DOSIMETERS
 ELECTROMAGNETIC RADIATION
 ∞ ENERGY
 ENERGY DISTRIBUTION
 FIELD INTENSITY METERS
 FIELD STRENGTH
 FIELD THEORY (PHYSICS)
 FLUX (RATE)
 GAMMA RAYS
 HEAT FLUX
 ∞ INTENSITY
 IRRADIATION
 LEVEL (QUANTITY)
 LOUDNESS
 MASS DISTRIBUTION
 METEOROID CONCENTRATION
 ONSAGER PHENOMENOLOGICAL
 COEFFICIENT
 ∞ POWER
 POWER SPECTRA
 PROTONS

FLUX DENSITY--(cont.)

∞ RADIATION
 RADIATION DISTRIBUTION
 RADIATION HAZARDS
 REMANENCE
 SCATTERING FUNCTIONS
 SOLAR MAXIMUM MISSION
 SOUND PRESSURE
 SPECTRA
 X RAY DENSITY MEASUREMENT

FLUX MAPPING

USE FLUX DENSITY
 MAPPING

FLUX PINNING

GS PINNING
 . FLUX PINNING
 RT LINES OF FORCE
 MAGNETIC FLUX
 SUPERCONDUCTIVITY
 TRAPPED MAGNETIC FIELDS
 TRAPPING

FLUX PUMPS

RT MAGNETIC COILS
 MAGNETIC FIELDS
 SUPERCONDUCTING MAGNETS
 SUPERCONDUCTIVITY

FLUX QUANTIZATION

RT ∞ FLUX
 MAGNETIC FLUX
 SUPERCONDUCTORS

FLUX TRANSFER EVENTS

GS MAGNETIC PROPERTIES
 . MAGNETOACTIVITY
 . FLUX TRANSFER EVENTS
 RT AERONOMY
 GEOMAGNETISM
 INTERPLANETARY MAGNETIC FIELDS
 LINES OF FORCE
 MAGNETIC EFFECTS
 MAGNETIC FIELD CONFIGURATIONS
 MAGNETIC FIELD RECONNECTION
 MAGNETIC FIELDS
 MAGNETIC FLUX
 MAGNETOPAUSE
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 SPACE PLASMAS

FLUX VECTOR SPLITTING

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . FLUX VECTOR SPLITTING
 RT COMPUTATION
 COMPUTATIONAL FLUID DYNAMICS
 EIGENVALUES
 FINITE DIFFERENCE THEORY
 FLUID DYNAMICS
 PANEL METHOD (FLUID DYNAMICS)
 VECTOR ANALYSIS
 VECTORS (MATHEMATICS)
 VORTEX LATTICE METHOD

FLUXES

RT BRAZING
 ∞ FLUX
 LIMESTONE
 SOLDERING
 WELDING

FLUXMETERS

USE MAGNETIC MEASUREMENT
 MEASURING INSTRUMENTS

FLY ASH

GS ASHES
 . FLY ASH
 RT AIR POLLUTION
 COAL
 COMBUSTION PRODUCTS
 ELECTRIC POWER PLANTS
 ELECTROSTATIC PRECIPITATORS
 PARTICULATES
 POLLUTION CONTROL

FLY BY LIGHT CONTROL

UF FBL CONTROL
 GS FLIGHT CONTROL
 . FLY BY LIGHT CONTROL
 RT AIRCRAFT CONTROL

FLY BY LIGHT CONTROL--(cont.)

FIBER OPTICS
 OPTICAL FIBERS

FLY BY TUBE CONTROL

GS FLIGHT CONTROL
 . FLY BY TUBE CONTROL
 RT AIRCRAFT CONTROL
 ∞ CONTROL
 FLUIDIC CIRCUITS
 HYDRAULIC EQUIPMENT
 SERVOAMPLIFIERS

FLY BY WIRE CONTROL

UF ELECTRIC AIRCRAFT
 GS FLIGHT CONTROL
 . FLY BY WIRE CONTROL
 RT AIRCRAFT CONTROL
 ∞ CONTROL
 GROUND BASED CONTROL
 SPACECRAFT CONTROL

FLYBY MISSIONS

GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . ASTEROID MISSIONS
 . . . COMET RENDEZVOUS ASTEROID
 . . . FLYBY MISSION
 . . . GIOTTO MISSION
 . . . GRAND TOURS
 . . . MARINER JUPITER-SATURN FLYBY
 . . . MARINER JUPITER-URANUS FLYBY
 . . . VOYAGER 1977 MISSION
 . . . MARINER VENUS-MERCURY 1973
 . . . MARINER-MERCURY 1973
 RT GALILEO PROJECT
 GALILEO SPACECRAFT
 INTERPLANETARY FLIGHT
 LONG DURATION SPACE FLIGHT
 LUNAR FLIGHT
 MARINER MARK 2 SPACECRAFT
 MARINER PROGRAM
 ∞ MISSIONS
 OUTER PLANETS EXPLORERS
 SPACE FLIGHT
 SWINGBY TECHNIQUE
 TOPS (SPACECRAFT)
 VEGA PROJECT
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT

FLYING

USE FLIGHT

FLYING BEDSTEAD AIRCRAFT

USE FLYING PLATFORMS

FLYING CRANE HELICOPTER

USE H-17 HELICOPTER

FLYING EJECTION SEATS

GS ONBOARD EQUIPMENT
 . AIRCRAFT EQUIPMENT
 . . EJECTION SEATS
 . . . FLYING EJECTION SEATS
 SAFETY DEVICES
 . EJECTION SEATS
 . . FLYING EJECTION SEATS
 SEATS
 . EJECTION SEATS
 . . FLYING EJECTION SEATS
 RT ABORT APPARATUS
 AIRCRAFT SAFETY
 BAILOUT
 COCKPITS
 EJECTORS
 ESCAPE CAPSULES
 FLIGHT SAFETY
 JET ENGINES
 PROTECTION

FLYING PERSONNEL

GS PERSONNEL
 . FLYING PERSONNEL
 . . ASTRONAUTS
 . . . ORBITAL WORKERS
 . . . COSMONAUTS
 . . FLIGHT CREWS
 . . . SPACECREWS
 . . . PILOTS (PERSONNEL)
 . . . AIRCRAFT PILOTS
 TEST PILOTS
 RT FLIGHT FITNESS
 FLIGHT TRAINING
 NAVIGATORS

FLYING PLATFORM STABILITY

USE AERODYNAMIC STABILITY
 FLYING PLATFORMS

FLYING PLATFORMS

UF FLYING BEDSTEAD AIRCRAFT
 FLYING PLATFORM STABILITY
 GS V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . FLYING PLATFORMS
 RT ∞ AIRCRAFT
 GROUND EFFECT MACHINES
 JET AIRCRAFT
 OBSERVATION AIRCRAFT
 ∞ PLATFORMS
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 VZ-8 AIRCRAFT

FLYING QUALITIES

USE FLIGHT CHARACTERISTICS

FLYING SPOT SCANNERS

GS OPTICAL EQUIPMENT
 . OPTICAL SCANNERS
 . . FLYING SPOT SCANNERS
 SCANNERS
 . OPTICAL SCANNERS
 . . FLYING SPOT SCANNERS
 RT DISPLAY DEVICES
 ELECTRON GUNS
 ELECTRON OPTICS
 IMAGE TUBES
 OSCILLOSCOPES
 PHOTOTUBES
 PICTURE TUBES
 TELEVISION EQUIPMENT
 VIDEO EQUIPMENT

FLYING WING AIRCRAFT

USE TAILLESS AIRCRAFT

FLYWHEELS

GS ROTATING BODIES
 . ROTORS
 . . FLYWHEELS
 WHEELS
 . FLYWHEELS
 RT BALANCING
 COUNTER-ROTATING WHEELS
 ENERGY STORAGE
 ENGINE PARTS
 MECHANICAL ENGINEERING
 REACTION WHEELS

FM (MODULATION)

USE FREQUENCY MODULATION

FM/PM (MODULATION)

GS CODING
 . SIGNAL ENCODING
 . . FREQUENCY MODULATION
 . . . FM/PM (MODULATION)
 . . . PHASE MODULATION
 . . . FM/PM (MODULATION)
 MODULATION
 . FREQUENCY MODULATION
 . . FM/PM (MODULATION)
 . . PHASE MODULATION
 . . FM/PM (MODULATION)
 RT DATA TRANSMISSION

FOAMING

RT BENEFICIATION
 FLOTATION
 FOAMS
 METAL FOAMS
 ∞ SEPARATION
 SURFACE PROPERTIES
 SWIRLING
 WETTING

FOAMS

UF CELLULAR MATERIALS (NON
 BIOLOGICAL)
 GS FOAMS
 . METAL FOAMS
 RT AEROGELS
 BUBBLES
 COLLOIDS
 EXPLOSION SUPPRESSION
 FIRE EXTINGUISHERS
 FIRE FIGHTING

FOAMS--(cont.)

FOAMING
 LOW DENSITY MATERIALS
 ∞ MATERIALS
 POLYURETHANE FOAM
 STYROFOAM (TRADEMARK)

FOCAL PLANE ARRAYS

USE FOCAL PLANE DEVICES

FOCAL PLANE DEVICES

UF FOCAL PLANE ARRAYS
 RT ARRAYS
 CHARGE COUPLED DEVICES
 INFRARED DETECTORS
 LINEAR ARRAYS
 MOSAICS
 PHOTODIODES

FOCI

GS **FOCI**
 . PLASMA FOCUS
 RT ∞ CENTERS
 FOCUSING
 GEOMETRY
 LOCI
 ∞ OPTICS
 POINTS (MATHEMATICS)
 RESOLUTION

FOCUSING

GS **FOCUSING**
 . DEFOCUSING
 . PREFOCUSING
 . SELF FOCUSING
 RT ACCOMMODATION
 ADJUSTING
 ASTIGMATISM
 CAMERAS
 DISTANCE
 FOCI
 FRESNEL LENSES
 GEOMETRICAL OPTICS
 GRAVITATIONAL LENSES
 IMAGE CONTRAST
 IMAGE ENHANCEMENT
 LASER CUTTING
 LASER DRILLING
 LENSES
 PANORAMIC CAMERAS
 SOLAR REFLECTORS
 STEERING
 STIGMATISM
 VIGNETTING

FOETUSES

USE FETUSES

FOG

GS MIXTURES
 . DISPERSIONS
 . . COLLOIDS
 . . . AEROSOLS
 **FOG**
 . . LIQUID-GAS MIXTURES
 . . . AEROSOLS
 **FOG**
 PARTICLES
 . AEROSOLS
 . . **FOG**
 RT ANVIL CLOUDS
 AVIATION METEOROLOGY
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLOUDS (METEOROLOGY)
 DROP SIZE
 HAZE
 HAZE DETECTION
 MIST
 PRECIPITATION (METEOROLOGY)
 SMOG
 SMOKE
 STEAM
 STRATUS CLOUDS
 VISIBILITY

FOG DISPERSAL

GS WEATHER MODIFICATION
 . **FOG DISPERSAL**
 RT AEROSOLS
 CLIMATOLOGY
 CLOUD PHYSICS
 CLOUDS (METEOROLOGY)
 DISPERSING
 DISPERSIONS

FOG DISPERSAL--(cont.)

MIST
 PRECIPITATION (METEOROLOGY)

FOIL BEARINGS

GS BEARINGS
 . **FOIL BEARINGS**
 RT GAS BEARINGS
 JOURNAL BEARINGS

∞ FOILS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRFOILS
 FOILS (MATERIALS)
 HYDROFOILS
 MULTILAYER INSULATION

FOILS (MATERIALS)

GS **FOILS (MATERIALS)**
 . METAL FOILS
 RT AIRFOILS
 ∞ FOILS
 HYDROFOILS
 ∞ MATERIALS
 MULTILAYER INSULATION
 THIN PLATES

FOKKER AIRCRAFT

GS **FOKKER AIRCRAFT**
 . F-27 AIRCRAFT
 . F-28 TRANSPORT AIRCRAFT
 RT ∞ AIRCRAFT

FOKKER BOND TESTERS

USE ADHESION TESTS

FOKKER F 27 AIRCRAFT

USE F-27 AIRCRAFT

FOKKER F 28 AIRCRAFT

USE F-28 TRANSPORT AIRCRAFT

FOKKER FRIENDSHIP AIRCRAFT

USE F-27 AIRCRAFT

FOKKER-PLANCK EQUATION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **FOKKER-PLANCK EQUATION**
 RT BOLTZMANN TRANSPORT EQUATION
 BROWNIAN MOVEMENTS
 DENSITY DISTRIBUTION
 DIFFUSION THEORY
 ∞ EQUATIONS
 IONIZED GASES
 STOCHASTIC PROCESSES

FOLDING

UF CRIMPING
 RT BENDING
 BINDING
 CURL (MATERIALS)
 DISTORTION
 FLEXING

FOLDING FIN AIRCRAFT ROCKET VEHICLE

UF FFAR ROCKET VEHICLE
 GS ROCKET VEHICLES
 . **FOLDING FIN AIRCRAFT ROCKET
 VEHICLE**
 RT ∞ AIRCRAFT
 SOLID PROPELLANT ROCKET ENGINES

FOLDING STRUCTURES

UF ROGALLO WINGS
 TELESCOPING STRUCTURES
 GS **FOLDING STRUCTURES**
 . SAILWINGS
 RT ANTENNAS
 BALLOONS
 BALLUTES
 EXPANDABLE STRUCTURES
 FURLABLE ANTENNAS
 INFLATABLE STRUCTURES
 PADDLES
 PARACHUTES
 PARAGLIDERS
 PARAVULCOONS
 PARAWINGS
 ROTARY WINGS

FOLDING STRUCTURES--(cont.)

SPACE ERECTABLE STRUCTURES
 SPACECRAFT STRUCTURES
 ∞ STRUCTURES
 VARIABLE GEOMETRY STRUCTURES
 VARIABLE SWEEP WINGS

FOLDS (GEOLOGY)

UF NAPPES
 RT EARTH CRUST
 FISSURES (GEOLOGY)
 GEOLOGICAL FAULTS
 GREAT BASIN (US)
 ∞ LAYERS
 OUTCROPS
 ROCKS
 SEAMOUNTS
 STRATA
 STRATIFICATION

FOLIAGE

RT BROWN WAVE EFFECT
 CANOPIES (VEGETATION)
 DECIDUOUS TREES
 DEFOLIANTS
 GREEN WAVE EFFECT
 HERBICIDES
 LEAVES
 LOCUSTS
 PLANTS (BOTANY)
 TIMBER VIGOR

FOLIC ACID

UF VITAMIN M
 GS ACIDS
 . AMINO ACIDS
 . . **FOLIC ACID**
 . CARBOXYLIC ACIDS
 . . **FOLIC ACID**
 NITROGEN COMPOUNDS
 . **FOLIC ACID**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **FOLIC ACID**
 . CARBOXYLIC ACIDS
 . . **FOLIC ACID**
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **FOLIC ACID**
 VITAMINS
 . **FOLIC ACID**

∞ FOOD

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ALFALFA
 BARLEY
 BEVERAGES
 BROTHS
 CALORIC REQUIREMENTS
 CANNING
 CARBOHYDRATES
 CITRUS TREES
 CONSUMABLES (SPACECREW SUPPLIES)
 CORN
 DECONTAMINATION
 DEHYDRATED FOOD
 DIETS
 DIGESTING
 DISTRIBUTING
 EARTH RESOURCES
 EATING
 EGGS
 FATS
 FISHES
 FLOUR (FOOD)
 FOOD CHAIN
 FOOD PRODUCTION (IN SPACE)
 FROZEN FOODS
 FRUITS
 GELATINS
 HAY
 LEGUMINOUS PLANTS
 MILK
 MILLET
 NUTRITION
 OATS
 ORCHARDS
 PEPPERS
 POTATOES
 PRESERVING
 PROTEINS
 PROVISIONING
 RATIONS

FOOD--(cont.)

SERVICES
 SOYBEANS
 SPACE FLIGHT FEEDING
 SPACE RATIONS
 SPINACH
 STARCHES
 SUGAR CANE
 SUGARS
 SYNTHETIC FOOD
 TOMATOES
 VEGETABLES
 VINEYARDS
 VITAMINS
 YEAST

FOOD CHAIN

RT ANIMALS
 ECOSYSTEMS
 ∞ FOOD
 PLANTS (BOTANY)

FOOD INTAKE

RT FASTING
 SPACE FLIGHT FEEDING
 SYNTHETIC FOOD

FOOD PROCESSING

GS **FOOD PROCESSING**
 . CANNING
 . PRESERVING
 RT DEHYDRATED FOOD
 FROZEN FOODS
 ∞ PROCESSING

FOOD PRODUCTION (IN SPACE)

RT CLOSED ECOLOGICAL SYSTEMS
 CONSUMABLES (SPACECREW SUPPLIES)
 ∞ FOOD
 ∞ PRODUCTION
 SPACE FLIGHT FEEDING
 SPACE RATIONS

FOOTPRINTS

RT AIRCRAFT NOISE
 ANTENNA RADIATION PATTERNS
 MATHEMATICAL MODELS

FORBIDDEN BANDS

GS ENERGY BANDS
 . **FORBIDDEN BANDS**
 RT BAND STRUCTURE OF SOLIDS
 ∞ BANDS
 ELECTRON ENERGY
 FREE ELECTRONS
 LATTICE VIBRATIONS
 WAVE EQUATIONS

FORBIDDEN TRANSITIONS

RT ELECTRON TRANSITIONS
 FRANCK-CONDON PRINCIPLE
 QUANTUM THEORY
 SELECTION RULES (NUCLEAR PHYSICS)
 ∞ SOLID STATE PHYSICS
 ∞ TRANSITION
 WAVE FUNCTIONS

FORBUSH DECREASES

UF FORBUSH EFFECT
 RT COSMIC RAYS
 ∞ EFFECTS
 MAGNETIC STORMS
 SOLAR FLARES
 SOLAR FURNACES
 SOLAR STORMS

FORBUSH EFFECT

USE FORBUSH DECREASES

∞ FORCE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF REPULSION
 RT ACCELERATION (PHYSICS)
 AERODYNAMIC FORCES
 ATTRACTION
 CENTRIFUGAL FORCE
 CENTRIPETAL FORCE
 ELECTRIC FIELD STRENGTH
 HIGH IMPULSE
 INERTIA
 KINETICS
 LINES OF FORCE

FORCE--(cont.)

LOADS (FORCES)
 LORENTZ FORCE
 NEWTON
 NONCONSERVATIVE FORCES
 NULL ZONES
 PONDEROMOTIVE FORCES
 PRESSURE
 PULLING
 PUSHING
 THRUST
 THRUST MEASUREMENT
 TORQUE
 TORSION
 VAN DER WAALS FORCES
 WEIGHT (MASS)
 ZERO FORCE CURVES

FORCE DISTRIBUTION

UF LIFT DISTRIBUTION
 NORMAL FORCE DISTRIBUTION
 GS DISTRIBUTION (PROPERTY)
 . **FORCE DISTRIBUTION**
 RT AERODYNAMIC COEFFICIENTS
 AERODYNAMIC LOADS
 ANGULAR DISTRIBUTION
 CHARGE DISTRIBUTION
 ENERGY DISTRIBUTION
 INFLUENCE COEFFICIENT
 LIFT DRAG RATIO
 LOADS (FORCES)
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 SCALE EFFECT
 STRESS CONCENTRATION
 STRESS DISTRIBUTION
 STRESS INTENSITY FACTORS
 SWEEP EFFECT
 THRUST DISTRIBUTION
 TRANSVERSE LOADS
 WING LOADING

FORCE FIELDS

USE FIELD THEORY (PHYSICS)

FORCE VECTOR RECORDERS

GS MEASURING INSTRUMENTS
 . **FORCE VECTOR RECORDERS**
 RECORDING INSTRUMENTS
 . **FORCE VECTOR RECORDERS**
 RT ∞ INSTRUMENTS

FORCE-FREE MAGNETIC FIELDS

GS MAGNETIC FIELDS
 . **FORCE-FREE MAGNETIC FIELDS**
 RT MAGNETIC FIELD CONFIGURATIONS
 MAGNETIC FLUX
 MAGNETOHYDRODYNAMIC STABILITY
 SOLAR FLARES
 SOLAR MAGNETIC FIELD

FORCED CONVECTION

GS CONVECTION
 . **FORCED CONVECTION**
 RT BLOWING
 CONVECTIVE HEAT TRANSFER
 FREE CONVECTION
 HEAT TRANSFER
 LAMINAR FLOW
 PRANDTL NUMBER
 RAYLEIGH-BENARD CONVECTION
 STANTON NUMBER

FORCED OSCILLATION

USE FORCED VIBRATION

FORCED VIBRATION

UF FORCED OSCILLATION
 FORCED VIBRATORY MOTION
 EQUATIONS
 GS VIBRATION
 . **FORCED VIBRATION**
 RT FLUTTER
 FREE VIBRATION
 RANDOM VIBRATION
 SELF EXCITATION
 SELF INDUCED VIBRATION

FORCED VIBRATORY MOTION EQUATIONS

USE EQUATIONS
 FORCED VIBRATION

FOREARM

GS ANATOMY

FOREARM--(cont.)

. LIMBS (ANATOMY)
 . . . ARM (ANATOMY)
 . . . **FOREARM**
 APPENDAGES
 . ARM (ANATOMY)
 . . **FOREARM**

FOREBODIES

GS **FOREBODIES**
 . NOSES (FOREBODIES)
 . . NOSE CONES
 . . . ABLATIVE NOSE CONES
 . . . ROCKET NOSE CONES
 RT AFTERBODIES
 AIRCRAFT STRUCTURES
 BLUFF BODIES
 BLUNT BODIES
 BLUNT LEADING EDGES
 ∞ BOWS
 CENTERBODIES
 CYLINDRICAL BODIES
 HAMMERHEAD CONFIGURATION
 LEADING EDGES
 SHARP LEADING EDGES

FORECASTING

UF FORECASTS
 GS **FORECASTING**
 . PERFORMANCE PREDICTION
 . PREDICTION ANALYSIS TECHNIQUES
 . TECHNOLOGICAL FORECASTING
 . . DELPHI METHOD (FORECASTING)
 . . . PATTERN METHOD (FORECASTING)
 . . . PROBE METHOD (FORECASTING)
 . . . PROFILE METHOD (FORECASTING)
 . WEATHER FORECASTING
 . . LONG RANGE WEATHER
 FORECASTING
 . . NOWCASTING
 . . . NUMERICAL WEATHER FORECASTING
 . . . STATISTICAL WEATHER
 FORECASTING
 RT ∞ ANALYZING
 BUDGETING
 CONFIDENCE LIMITS
 CORRELATION
 CURVE FITTING
 ESTIMATES
 ESTIMATING
 EVALUATION
 EXPECTATION
 EXTRAPOLATION
 MANAGEMENT
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 MISSION PLANNING
 NOISE PREDICTION (AIRCRAFT)
 OPERATIONS RESEARCH
 PLANNING
 PREDICTIONS
 PROBABILITY THEORY
 PROJECT PLANNING
 ∞ PROJECTION
 REGRESSION ANALYSIS
 REGRESSION COEFFICIENTS
 RELIABILITY
 RESERVES
 RISK
 SCHEDULING
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS
 SYSTEMS ENGINEERING
 TIME SERIES ANALYSIS
 TRENDS

FORECASTS

USE FORECASTING

FOREHEAD

GS ANATOMY
 . FACE (ANATOMY)
 . . **FOREHEAD**
 RT HEAD (ANATOMY)
 SKULL

FOREIGN BODIES

RT AIRCRAFT HAZARDS
 ∞ BODIES
 INJURIES
 METEORITES

FOREIGN POLICY

- GS **FOREIGN POLICY**
 . INTERNATIONAL RELATIONS
 . . INTERNATIONAL COOPERATION
 . . . OUTER SPACE TREATY
- RT ∞ BUDGETS
 EUROPEAN SPACE PROGRAMS
 INTERNATIONAL HYDROLOGICAL
 DECADE

FOREIGN TRADE

- USE INTERNATIONAL TRADE

FORENSIC SCIENCES

- USE LAW (JURISPRUDENCE)

FOREST FIRE DETECTION

- GS DETECTION
 . **FOREST FIRE DETECTION**
- RT AERIAL PHOTOGRAPHY
 ∞ DETECTORS
 HAZE DETECTION
 INFRARED DETECTORS
 INFRARED INSTRUMENTS
 INFRARED PHOTOGRAPHY
 INFRARED RADIOMETERS
 INFRARED SCANNERS
 MEASURING INSTRUMENTS
 OBSERVATION
 RADIOMETERS
 SATELLITE-BORNE PHOTOGRAPHY
 SURVEILLANCE

FOREST FIRES

- GS FIRES
 . **FOREST FIRES**
- RT AIR POLLUTION
 ASHES
 COMBUSTION
 FIRE PREVENTION
 FIREBREAKS
 FLAMES
 FORESTS
 SMOKE
 WASTES

FOREST MANAGEMENT

- GS MANAGEMENT
 . RESOURCES MANAGEMENT
 . . **FOREST MANAGEMENT**
 . . . REFORESTATION
- RT CONSERVATION
 EARTH RESOURCES
 FORESTS
 LAND USE
 REGIONAL PLANNING
 TIMBER INVENTORY

FORESTS

- UF LUMBERING AREAS
- GS RESOURCES
 . EARTH RESOURCES
 . . **FORESTS**
 . . . RAIN FORESTS
- RT AMAZON REGION (SOUTH AMERICA)
 CANOPIES (VEGETATION)
 CLEARINGS (OPENINGS)
 CONIFERS
 CONSERVATION
 DECIDUOUS TREES
 DEFOLIANTS
 DEFOLIATION
 DEFORESTATION
 FIREBREAKS
 FOREST FIRES
 FOREST MANAGEMENT
 HERBICIDES
 LOGGING (INDUSTRY)
 PLANTS (BOTANY)
 REFORESTATION
 REGIONAL PLANNING
 SILVICULTURE
 TIMBER IDENTIFICATION
 TIMBER INVENTORY
 TIMBER VIGOR
 TIMBERLINE
 TREES (PLANTS)
 WILDERNESS

FORGING

- UF METAL FORGING
- GS FORMING TECHNIQUES
 . **FORGING**
 METAL WORKING
 . **FORGING**

FORGING--(cont.)

- RT AUSFORMING
 BILLETS
 BULGING
 CASTING
 COINING
 COLD WORKING
 HEAT TREATMENT
 HOT ISOSTATIC PRESSING
 HOT PRESSING
 HOT WORKING
 PIERCING
 PRESSING (FORMING)
 RHEOCASTING
 ∞ ROLLING
 SQUEEZE CASTING
 STAMPING

FORKS

- RT CONVEYORS
 HOOKS

FORM

- USE SHAPES

FORM FACTORS

- RT APPROXIMATION
 COUPLING COEFFICIENTS
 FUNCTIONAL ANALYSIS
 HARMONIC ANALYSIS
 RECTIFIERS
 SCATTERING COEFFICIENTS
 SERIES (MATHEMATICS)
 SQUARE WAVES
 TRANSDUCERS
 ∞ VARIABLE
 WAVEFORMS
 X RAY SCATTERING

FORM PERCEPTION

- USE SPACE PERCEPTION

FORMALDEHYDE

- GS ALDEHYDES
 . **FORMALDEHYDE**
- RT PHENOL FORMALDEHYDE

FORMALISM

- RT COMPUTER PROGRAMMING
 DYNAMIC PROGRAMMING
 LINEAR PROGRAMMING
 ∞ LOGIC
 NONLINEAR PROGRAMMING
 PARAMETERIZATION
 SCHEDULING

FORMAT

- RT COMPUTER PROGRAMMING
 DOCUMENTS
 EDITING
 FRAMES (DATA PROCESSING)
 PRINTOUTS
 RECORDS
 SYNTAX
 TEXTS

FORMATES

- GS **FORMATES**
 . CHLOROFORMATE
 . NITROFORMATES
- RT FORMIC ACID
 FORMYL IONS

 ∞ FORMATION

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED -- CONSULT THE
 TERMS LISTED BELOW)*
- RT FORMATIONS
 GROWTH
 NUCLEATION
 STRATIGRAPHY

FORMATION HEAT

- USE HEAT OF FORMATION

FORMATIONS

- RT CONTACTS (GEOLOGY)
 ∞ FORMATION
 FRACTURING
 GAS INJECTION
 GEOLOGICAL FAULTS
 GEOLOGY
 GEOPHYSICS
 GREAT BASIN (US)

FORMATIONS--(cont.)

- ∞ LAYERS
 MOUNTAINS
 OUTCROPS
 OUTLIERS (LANDFORMS)
 PALEONTOLOGY
 PERFORATING
 PERMEABILITY
 PETROLOGY
 POROSITY
 ROCKS
 SHATTER CONES
 SOILS
 STAIRSTEPS
 STRATIGRAPHY
 TERRACES (LANDFORMS)
 WETTABILITY

FORMHYDROXAMIC ACID

- GS ACIDS
 . CARBOXYLIC ACIDS
 . . **FORMHYDROXAMIC ACID**
 NITROGEN COMPOUNDS
 . AMIDES
 . . **FORMHYDROXAMIC ACID**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **FORMHYDROXAMIC ACID**

FORMIC ACID

- GS ACIDS
 . CARBOXYLIC ACIDS
 . . **FORMIC ACID**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **FORMIC ACID**
- RT FORMATES
 FORMYL IONS

FORMICA

- RT LAMINATES
 ∞ POLYMERS
 THERMOSETTING RESINS

FORMING TECHNIQUES

- SN (TECHNIQUES OF SHAPING ITEM)
- UF METAL FORMING
- GS **FORMING TECHNIQUES**
 . CASTING
 . . CENTRIFUGAL CASTING
 . . INVESTMENT CASTING
 . . PROPELLANT CASTING
 . . RHEOCASTING
 . . SAND CASTING
 . . SLIP CASTING
 . . SQUEEZE CASTING
 . . COLD WORKING
 . . COLD ROLLING
 . . ELECTROHYDRAULIC FORMING
 . . EXPLOSIVE FORMING
 . . ELECTROFORMING
 . . EXTRUDING
 . . PULTRUSION
 . . FORGING
 . . HOT WORKING
 . . AUSFORMING
 . . INJECTION MOLDING
 . . MAGNETIC FORMING
 . . METAL DRAWING
 . . METAL SPINNING
 . . HYDROSPINNING
 . . PRESSING (FORMING)
 . . BLANKING (CUTTING)
 . . COINING
 . . STAMPING
 . . RESIN TRANSFER MOLDING
 . . ROLL FORMING
- RT ∞ BLANKING
 CUTTING
 DEPOSITION
 ELECTROMAGNETIC HAMMERS
 HOT MACHINING
 LASER CUTTING
 MACHINING
 METAL GRINDING
 METAL WORKING
 SPRAYING
 UPSETTING

FORMS (PAPER)

- RT BLANKS
 DATA ACQUISITION

∞ FORMULAS

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT COMPUTATION
FORMULAS (MATHEMATICS)
FORMULATIONS
KRAMERS-KRONIG FORMULA

FORMULAS (MATHEMATICS)

- UF EXPRESSIONS (MATHEMATICS)
GS MATHEMATICAL LOGIC
FORMULAS (MATHEMATICS)
BETHE-HEITLER FORMULA
- RT ∞ FORMULAS
∞ MATHEMATICS

FORMULATIONS

- RT ADMIXTURES
∞ COMPOSITION
∞ FORMULAS
INGREDIENTS
MIXTURES
PARAMETERIZATION
STOICHIOMETRY

FORMYL IONS

- GS IONS
MOLECULAR IONS
FORMYL IONS
POSITIVE IONS
CATIONS
FORMYL IONS
RADICALS
FORMYL IONS
- RT ATMOSPHERIC CHEMISTRY
FORMATES
FORMIC ACID
HYDROXYL RADICALS
INTERSTELLAR CHEMISTRY
INTERSTELLAR MATTER

FORSTERITE

- GS MAGNESIUM COMPOUNDS
FORSTERITE
MINERALS
OLIVINE
FORSTERITE
SILICON COMPOUNDS
SILICATES
FORSTERITE
- RT REFRACTORIES

FORTH (PROGRAMMING LANGUAGE)

- GS LANGUAGES
PROGRAMMING LANGUAGES
FORTH (PROGRAMMING LANGUAGE)
- RT COMPUTER PROGRAMMING

FORTISAN (TRADEMARK)

- GS FABRICS
FORTISAN (TRADEMARK)
FIBERS
SYNTHETIC FIBERS
FORTISAN (TRADEMARK)
ORGANIC COMPOUNDS
CARBOHYDRATES
POLYSACCHARIDES
CELLULOSE
FORTISAN (TRADEMARK)
- RT PARACHUTE FABRICS

FORTRAN

- UF FAB (PROGRAMMING LANGUAGE)
GS LANGUAGES
PROGRAMMING LANGUAGES
FORTRAN
- RT COBOL
COMPILERS
COMPUTER PROGRAMMING
PL/1

FORWARD LOOKING INFRARED DETECTORS

- USE FLIR DETECTORS

FORWARD SCATTERING

- GS SCATTERING
FORWARD SCATTERING
- RT BACKSCATTERING
INVERSE SCATTERING
LIGHT SCATTERING
NUCLEAR SCATTERING
SCATTER PROPAGATION

FOSSIL FUELS

- GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
ANTHRACITE
LIGNITE
SOLVENT REFINED COAL
CRUDE OIL
NATURAL GAS
PEAT
- RT CARBONACEOUS MATERIALS
UNDERWATER RESOURCES

FOSSIL METEORITE CRATERS

- USE FOSSILS
METEORITE CRATERS

FOSSILS

- UF FOSSIL METEORITE CRATERS
RT ARCHAEOLOGY
PALEOBIOLOGY
PALEONTOLOGY
PARTICLE TRACKS
RADIOACTIVE AGE DETERMINATION

FOSTER THEORY

- RT NETWORK ANALYSIS
REACTANCE
RESONANCE
THEORIES

FOULING

- GS FOULING
ANTIFOULING
- RT CONTAMINATION
CORROSION
DEPOSITION
ICE FORMATION
PLUGGING
RETARDING

FOUNDATIONS

- UF BASES (FOUNDATIONS)
STRUCTURAL FOUNDATIONS
- GS FOUNDATIONS
PILE FOUNDATIONS
- RT BASEMENTS
BASES
CAISSONS
CONCRETE STRUCTURES
EXCAVATION
GEOTECHNICAL ENGINEERING
OVERCONSOLIDATION
PAD
PAVEMENTS
SKIRTS
STRUCTURAL MEMBERS
STRUCTURES
SUBSTRUCTURES
SUPPORTS
UNDERGROUND STRUCTURES

FOUNDRIES

- GS INDUSTRIAL PLANTS
FOUNDRIES
FURNACES
- RT METALLURGY
MOLDS

FOUR BODY PROBLEM

- RT CELESTIAL MECHANICS
MANY BODY PROBLEM
ORBITS
PERTURBATION
PROBLEMS
THREE BODY PROBLEM

FOUR-WAVE MIXING

- GS CONJUGATION
PHASE CONJUGATION
FOUR-WAVE MIXING
- RT COHERENT LIGHT
COLLIMATION
LASER BEAMS
LIGHT AMPLIFIERS
LIGHT BEAMS
NONLINEAR OPTICS
OPTICAL BISTABILITY
PHASE COHERENCE
SIGNAL MIXING
WAVE INTERACTION

FOURIER ANALYSIS

- GS ANALYSIS (MATHEMATICS)
FOURIER ANALYSIS
FOURIER SERIES
- RT AUTOCORRELATION
DATA COMPRESSION
DIFFERENTIAL EQUATIONS
DIVERGENCE
EXPONENTIAL FUNCTIONS
FREQUENCY DISTRIBUTION
HARMONIC ANALYSIS
HARMONIC EXCITATION
HARMONIC FUNCTIONS
HARMONIC GENERATIONS
HARMONIC OSCILLATION
HARMONICS
INFORMATION THEORY
KURTOSIS
LINEAR TRANSFORMATIONS
MEASURE AND INTEGRATION
OPERATIONAL CALCULUS
PERIODIC FUNCTIONS
PERIODIC VARIATIONS
REAL VARIABLES
SIMPLE HARMONIC MOTION
TIME SERIES ANALYSIS
WAVELET ANALYSIS

FOURIER LAW

- GS LAWS
FOURIER LAW
- RT THERMAL CONDUCTIVITY

FOURIER SERIES

- GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
FOURIER SERIES
FOURIER ANALYSIS
FOURIER SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
FOURIER SERIES
- RT GIBBS PHENOMENON

FOURIER TRANSFORMATION

- GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
INTEGRAL TRANSFORMATIONS
FOURIER TRANSFORMATION
FUNCTIONS (MATHEMATICS)
FOURIER TRANSFORMATION
FAST FOURIER TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
INTEGRAL TRANSFORMATIONS
FOURIER TRANSFORMATION
FAST FOURIER TRANSFORMATIONS
- RT BBGKY HIERARCHY
HOLOGRAPHIC SPECTROSCOPY
MAXIMUM ENTROPY METHOD
WALSH FUNCTION
WAVELET ANALYSIS

FOURIER-BESSEL TRANSFORMATIONS

- GS ANALYSIS (MATHEMATICS)
CALCULUS
FOURIER-BESSEL
TRANSFORMATIONS
REAL VARIABLES
FOURIER-BESSEL
TRANSFORMATIONS
FUNCTIONS (MATHEMATICS)
FOURIER-BESSEL TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
INTEGRAL TRANSFORMATIONS
FOURIER-BESSEL
TRANSFORMATIONS
- RT DIFFERENTIAL EQUATIONS
SERIES (MATHEMATICS)

FOVEA

- GS ANATOMY
SENSE ORGANS
EYE (ANATOMY)
RETINA
FOVEA
- RT SACCADIC EYE MOVEMENTS

FR-1 SATELLITE

- GS ARTIFICIAL SATELLITES
FRENCH SATELLITES
FR-1 SATELLITE

FRACTALS

- GS DIMENSIONS

FRACTALS--(cont.)

- . **FRACTALS**
- GEOMETRY
- . **FRACTALS**
- RT ∞ APPLICATIONS OF MATHEMATICS
- COORDINATES
- EXPONENTS
- HALF SPACES
- ∞ MATHEMATICS
- RATIOS
- SET THEORY
- ∞ SPACE
- STRANGE ATTRACTORS

FRACTIONATION

- GS **FRACTIONATION**
- . CHEMICAL FRACTIONATION
- . HYDROCRACKING
- RT REFINING
- RETORT PROCESSING
- ∞ SEPARATION
- SOLVENT REFINED COAL

FRACTIONS

- SN (EXCLUDES MATHEMATICAL CONCEPTS)
- RT ∞ COMPONENTS
- FINES
- PARTICLE SIZE DISTRIBUTION
- RATIOS

FRACTOGRAPHY

- GS PHOTOGRAPHY
- . **FRACTOGRAPHY**
- RT BRITTLENESS
- CRACK CLOSURE
- CRACK GEOMETRY
- CRACK PROPAGATION
- DUCTILITY
- ELBER EQUATION
- FATIGUE (MATERIALS)
- FRACTURES (MATERIALS)
- ∞ METALLURGY

FRACTURE MECHANICS

- UF FAULT MECHANICS
- MOHR CIRCLES
- RT BEND TESTS
- BURST TESTS
- CAUSTICS (OPTICS)
- CRACK CLOSURE
- CRACK INITIATION
- CRACK OPENING DISPLACEMENT
- CRACK PROPAGATION
- ELBER EQUATION
- FINITE ELEMENT METHOD
- FRACTURING
- GRIFFITH CRACK
- HOLE GEOMETRY (MECHANICS)
- ISOPARAMETRIC FINITE ELEMENTS
- J INTEGRAL
- ∞ MECHANICS (PHYSICS)
- MICROMECHANICS
- PLANE STRAIN
- RESIDUAL STRENGTH
- ROCK MECHANICS
- RUPTURING
- SHORT CRACKS
- SOIL MECHANICS
- STRAIN DISTRIBUTION
- STRESS DISTRIBUTION
- STRESS INTENSITY FACTORS
- STRESS TENSORS
- TIME TEMPERATURE PARAMETER

FRACTURE RESISTANCE

- USE FRACTURE STRENGTH

FRACTURE STRENGTH

- UF FRACTURE RESISTANCE
- FRACTURE TOUGHNESS
- GS MECHANICAL PROPERTIES
- . **FRACTURE STRENGTH**
- RT BEND TESTS
- BRITTLE MATERIALS
- BRITTLENESS
- BURST TESTS
- CARBON-CARBON COMPOSITES
- CRACK CLOSURE
- CRACK INITIATION
- CRACK OPENING DISPLACEMENT
- CRACK PROPAGATION
- CREEP RUPTURE STRENGTH
- DUCTILITY
- EARTHQUAKE RESISTANCE
- EUTECTIC COMPOSITES

FRACTURE STRENGTH--(cont.)

- HARDNESS
- J INTEGRAL
- LOAD CARRYING CAPACITY
- RESIDUAL STRENGTH
- ∞ RESISTANCE
- RETIREMENT FOR CAUSE
- ∞ STRENGTH
- TOUGHNESS
- YIELD STRENGTH

FRACTURE TOUGHNESS

- USE FRACTURE STRENGTH

FRACTURES (MATERIALS)

- GS **FRACTURES (MATERIALS)**
- . CRACKS
- . . CRACK TIPS
- . . MICROCRACKS
- . . SHORT CRACKS
- . . SURFACE CRACKS
- RT CRACK OPENING DISPLACEMENT
- DAMAGE
- DEFORMATION
- FAILURE
- FRACTOGRAPHY
- ∞ MATERIALS

FRACTURING

- GS **FRACTURING**
- . CRACKING (FRACTURING)
- . . STRESS CORROSION CRACKING
- . CRUSTAL FRACTURES
- RT BRITTLENESS
- CHIPPING
- CRACK CLOSURE
- CRACK OPENING DISPLACEMENT
- CRACK PROPAGATION
- CUTTING
- FLAKING
- FORMATIONS
- FRACTURE MECHANICS
- FRAGMENTATION
- FRAGMENTS
- METAL FATIGUE
- PERFORATING
- ∞ SEPARATION
- SPALLING
- SPLITTING
- STRESS FUNCTIONS
- STRUCTURAL FAILURE

FRAGMENTATION

- UF SHATTERING
- RT ACOUSTIC STREAMING
- BREAKING
- BURSTS
- CHIPPING
- COMMUNITION
- FRACTURING
- FRAGMENTS
- PENETRATION
- SABOT PROJECTILES
- SHRAPNEL
- SPALLING
- TERMINAL BALLISTICS

FRAGMENTS

- RT CHIPS
- DEBRIS
- EJECTA
- FRACTURING
- FRAGMENTATION
- SHRAPNEL

FRAME PHOTOGRAPHY

- GS PHOTOGRAPHY
- . **FRAME PHOTOGRAPHY**
- RT BLACK AND WHITE PHOTOGRAPHY
- FRAMING CAMERAS
- HIGH SPEED CAMERAS

FRAMES

- GS **FRAMES**
- . AIRFRAMES
- . CHASSIS
- . UNDERCARRIAGES
- RT CARRIAGES
- SPRINGS (ELASTIC)
- ∞ STRUCTURES
- STRUTS
- SUPPORTS
- TRUSSES

FRAMES (DATA PROCESSING)

- RT DATA MANAGEMENT
- DATA PROCESSING
- FORMAT
- IMAGE PROCESSING

FRAMING CAMERAS

- GS OPTICAL EQUIPMENT
- . CAMERAS
- . . HIGH SPEED CAMERAS
- . . . **FRAMING CAMERAS**
- PHOTOGRAPHIC EQUIPMENT
- . CAMERAS
- . . HIGH SPEED CAMERAS
- . . . **FRAMING CAMERAS**
- RT FRAME PHOTOGRAPHY
- ROTATING MIRRORS

FRANCE

- GS NATIONS
- . **FRANCE**
- . . FRENCH GUIANA
- . . GUADELOUPE
- . . MARTINIQUE
- RT ANDORRA
- ENGLISH CHANNEL
- EUROPE
- FRENCH SPACE PROGRAM
- PYRENEES MOUNTAINS (EUROPE)
- RHONE DELTA (FRANCE)

FRANCIUM

- GS CHEMICAL ELEMENTS
- . ALKALI METALS
- . . **FRANCIUM**
- METALS
- . ALKALI METALS
- . . **FRANCIUM**

FRANCK-CONDON PRINCIPLE

- RT BORN-OPPENHEIMER APPROXIMATION
- COLOR CENTERS
- CONDUCTION BANDS
- ELECTRON TRANSITIONS
- FORBIDDEN TRANSITIONS
- OPTICAL TRANSITION

FRAUNHOFER LINE DISCRIMINATORS

- GS CIRCUITS
- . DISCRIMINATORS
- . . **FRAUNHOFER LINE DISCRIMINATORS**
- RT ABSORPTION SPECTRA
- LUMINESCENCE
- MEASURING INSTRUMENTS
- SPECTROSCOPIC ANALYSIS
- SPECTROSCOPY

FRAUNHOFER LINES

- GS SPECTRA
- . RADIATION SPECTRA
- . . ABSORPTION SPECTRA
- . . . **FRAUNHOFER LINES**
- . . . ELECTROMAGNETIC SPECTRA
- . . . LINE SPECTRA
- **FRAUNHOFER LINES**
- . . . SPECTRAL BANDS
- . . . ABSORPTION SPECTRA
- . . . **FRAUNHOFER LINES**
- RT ABSORPTION SPECTROSCOPY
- OPTOGALVANIC SPECTROSCOPY
- SOLAR SPECTRA

FRAUNHOFER REGION

- USE FAR FIELDS

FREDHOLM EQUATIONS

- UF FREDHOLM OPERATORS
- GS ANALYSIS (MATHEMATICS)
- . FUNCTIONAL ANALYSIS
- . . INTEGRAL EQUATIONS
- . . . **FREDHOLM EQUATIONS**
- RT ∞ EQUATIONS
- POMERANCHUK THEOREM

FREDHOLM OPERATORS

- USE FREDHOLM EQUATIONS
- OPERATORS (MATHEMATICS)

FREE ATMOSPHERE

- GS EARTH ATMOSPHERE
- . **FREE ATMOSPHERE**
- BIOSPHERE
- MIDDLE ATMOSPHERE
- PRIMITIVE EARTH ATMOSPHERE

FREE BOUNDARIES

- GS BOUNDARIES
- FREE BOUNDARIES**
- RT FLUID BOUNDARIES
- INTERFACES
- JET FLOW
- JET MIXING FLOW
- JET STREAMS (METEOROLOGY)
- LIQUID SURFACES
- LIQUID-LIQUID INTERFACES
- LIQUID-VAPOR INTERFACES

FREE CONVECTION

- UF THERMAL CONVECTION
- GS CONVECTION
- FREE CONVECTION**
- ... RAYLEIGH-BENARD CONVECTION
- ... BENARD CELLS
- RT CONVECTION CURRENTS
- CONVECTIVE FLOW
- CONVECTIVE HEAT TRANSFER
- FORCED CONVECTION
- LAMINAR FLOW
- MARANGONI CONVECTION
- POROUS BOUNDARY LAYER CONTROL
- SOLAR CONVECTION (ASTRONOMY)
- STELLAR CONVECTION
- TEMPERATURE
- THERMOSIPHONS
- TURBULENT FLOW

FREE ELECTRON LASERS

- GS STIMULATED EMISSION DEVICES
- LASERS
- FREE ELECTRON LASERS**
- RT DIFFRACTION RADIATION
- WIGGLER MAGNETS

FREE ELECTRONS

- GS CHARGE CARRIERS
- FREE ELECTRONS**
- RT BRILLOUIN ZONES
- CONDUCTION ELECTRONS
- ELECTRON AVALANCHE
- ELECTRON DENSITY (CONCENTRATION)
- ELECTRON GAS
- FORBIDDEN BANDS
- PLASMA FREQUENCIES
- RECOMBINATION COEFFICIENT

FREE ENERGY

- GS THERMODYNAMIC PROPERTIES
- FREE ENERGY**
- ... GIBBS FREE ENERGY
- RT CHEMICAL ENERGY
- ∞ ENERGY
- ENERGY OF FORMATION
- ENTHALPY
- GIBBS-HELMHOLTZ EQUATIONS
- INTERNAL ENERGY
- ∞ LEVEL
- MOLECULAR ENERGY LEVELS
- THERMAL ENERGY
- THERMODYNAMICS

FREE FALL

- RT AIR DROP OPERATIONS
- BALLISTIC TRAJECTORIES
- FALLING SPHERES
- PARACHUTE DESCENT
- WEIGHTLESSNESS

FREE FLIGHT

- RT ∞ FLIGHT
- GLIDERS
- GLIDING
- HANG GLIDERS

FREE FLIGHT TEST APPARATUS

- RT FLIGHT TESTS
- ∞ TEST EQUIPMENT

FREE FLOW

- UF FREE STREAM EFFECTS
- FREE STREAMS
- GS FLUID FLOW
- FREE FLOW**
- RT VOID RATIO

FREE JETS

- GS FLUID JETS
- FREE JETS**
- RT JET BOUNDARIES
- JET FLOW

FREE JETS--(cont.) ∞ JETS**FREE MOLECULAR FLOW**

- GS FLUID FLOW
- GAS FLOW
- FREE MOLECULAR FLOW**
- RT CONTINUUM FLOW
- KINETIC THEORY
- KNUDSEN FLOW
- MOLECULAR BEAMS
- RAREFIED GAS DYNAMICS
- RAREFIED GASES
- SLIP FLOW
- TRANSITION FLOW

FREE OSCILLATIONS

- USE FREE VIBRATION

FREE RADICALS

- GS RADICALS
- FREE RADICALS**
- ... HYDROXYL RADICALS
- RT AMINO RADICAL
- ATOMS
- CARBENES
- IONS
- NEGATIVE IONS
- OXYGEN IONS
- TRIVALENT IONS
- VINYL RADICAL

FREE STREAM EFFECTS

- USE FREE FLOW

FREE STREAMS

- USE FREE FLOW

FREE VIBRATION

- UF FREE OSCILLATIONS
- GS VIBRATION
- FREE VIBRATION**
- RT FORCED VIBRATION
- LINEAR VIBRATION
- PROTON PRECESSION
- SELF EXCITATION
- SELF INDUCED VIBRATION
- VIBRATION MODE

FREE WING AIRCRAFT

- RT AERODYNAMICS
- ∞ AIRCRAFT
- AIRCRAFT DESIGN
- CONTROL SURFACES

FREE-PISTON ENGINES

- GS ENGINES
- PISTON ENGINES
- FREE-PISTON ENGINES**
- RT AC GENERATORS
- LINEAR ALTERNATORS
- PISTONS
- SPACECRAFT POWER SUPPLIES
- STIRLING ENGINES

FREEDOM FIGHTER AIRCRAFT

- USE F-5 AIRCRAFT

FREEDOM SPACE STATION

- USE SPACE STATION FREEDOM

FREEZE DRYING

- GS DRYING
- FREEZE DRYING**
- RT DEHYDRATED FOOD
- DEHYDRATION
- FREEZING
- FROZEN FOODS
- PRESERVING

FREEZING

- GS PHASE TRANSFORMATIONS
- FREEZING**
- ... VIBRATIONAL FREEZING
- ... ZONE MELTING
- RT ANTIFREEZES
- BAY ICE
- CLOUD GLACIATION
- COLD TRAPS
- COOLING
- CRYOGENIC COOLING
- CRYSTALLIZATION
- FREEZE DRYING
- FROST

FREEZING--(cont.)

- ICE FORMATION
- ICE NUCLEI
- LOW TEMPERATURE
- MELTING
- PRESERVING
- PRESSURE ICE
- REFRIGERATING
- SEA ICE
- SOLIDIFICATION
- SOLIDIFIED GASES

FREEZING POINTS

- USE MELTING POINTS

FREIGHT

- USE CARGO

FREIGHT COSTS

- GS COSTS
- FREIGHT COSTS**
- RT CARGO
- FREIGHTERS
- TRANSPORTATION

FREIGHTERS

- RT FREIGHT COSTS
- HARBORS
- TRANSPORTATION
- WHARVES

FRENCH EQUATORIAL CONGO

- USE CONGO (BRAZZAVILLE)

FRENCH GUIANA

- GS NATIONS
- FRANCE
- FRENCH GUIANA**
- RT CARIBBEAN REGION
- SOUTH AMERICA

FRENCH SATELLITES

- GS ARTIFICIAL SATELLITES
- FRENCH SATELLITES**
- ... D-1 SATELLITE
- ... D-2 SATELLITES
- ... EOLE SATELLITES
- ... FR-1 SATELLITE
- ... GEOLE SATELLITES
- ... PEOLE SATELLITES
- ... POSEIDON SATELLITE
- ... SPOT (FRENCH SATELLITE)
- ... SRET SATELLITES
- ... SRET 1 SATELLITE
- ... SRET 2 SATELLITE
- RT EUROPEAN SPACE PROGRAMS
- METEOSAT SATELLITE
- SYMPHONIE SATELLITES

FRENCH SPACE PROGRAM

- GS PROGRAMS
- SPACE PROGRAMS
- ... EUROPEAN SPACE PROGRAMS
- ... **FRENCH SPACE PROGRAM**
- RT EOLE SATELLITES
- FRANCE
- GEOLE SATELLITES
- HERMES MANNED SPACEPLANE
- INTERNATIONAL COOPERATION
- METEOSAT SATELLITE
- ∞ RESEARCH PROJECTS
- SPACE EXPLORATION
- SPACE MISSIONS
- ∞ SPACECRAFT
- SRET SATELLITES
- SRET 1 SATELLITE

FRENKEL DEFECTS

- GS DEFECTS
- CRYSTAL DEFECTS
- ... POINT DEFECTS
- ... VACANCIES (CRYSTAL DEFECTS)
- ... **FRENKEL DEFECTS**

FREON

- RT AIR CONDITIONING
- COOLANTS
- COOLING
- COOLING SYSTEMS
- FLUOROHYDROCARBONS
- GAS COOLING
- REFRIGERANTS
- REFRIGERATING

FREQUENCIES

UF FREQUENCY BANDS
GS **FREQUENCIES**
 . ACOUSTIC FREQUENCIES
 . AUDIO FREQUENCIES
 . . . QUEFRENCIES
 . BEAT FREQUENCIES
 . BROADBAND
 . BRUNT-VAISALA FREQUENCY
 . CARRIER FREQUENCIES
 . CRITICAL FREQUENCIES
 . CYCLOTRON FREQUENCY
 . EXTREMELY LOW FREQUENCIES
 . INFRASONIC FREQUENCIES
 . INTERMEDIATE FREQUENCIES
 . IONIZATION FREQUENCIES
 . MAXIMUM USABLE FREQUENCY
 . NYQUIST FREQUENCIES
 . PLASMA FREQUENCIES
 . RADIO FREQUENCIES
 . . . EXTREMELY LOW RADIO
 . . . FREQUENCIES
 . . . HIGH FREQUENCIES
 . . . LOW FREQUENCIES
 . . . VERY LOW FREQUENCIES
 . . . LOW FREQUENCY BANDS
 . . . VERY LOW FREQUENCIES
 . . . MICROWAVE FREQUENCIES
 . . . C BAND
 . . . EXTREMELY HIGH FREQUENCIES
 . . . P BAND
 . . . SUPERHIGH FREQUENCIES
 . . . ULTRAHIGH FREQUENCIES
 . . . P BAND
 . . . VERY HIGH FREQUENCIES
 . . . P BAND
 . RESONANT FREQUENCIES
 . SUBAUDIBLE FREQUENCIES
 . SWEEP FREQUENCY
RT AEOLIAN TONES
 AMPLITUDES
 . BANDS
 . BANDWIDTH
 . BROADBAND AMPLIFIERS
 . CHANNEL CAPACITY
 . CHANNELS
 . FREQUENCY DISTRIBUTION
 . FREQUENCY RANGES
 . FREQUENCY REUSE
 . HARMONICS
 . LINE SPECTRA
 . LONGITUDINAL WAVES
 . MICROCHANNELS
 . MILLIMETER WAVES
 . NARROWBAND
 . PITCH
 . RADIO WAVES
 . SPECTRAL BANDS
 . STANDING WAVES
 . SUBMILLIMETER WAVES
 . SUPERHARMONICS

FREQUENCY ANALYZERS

RT HARMONIC ANALYSIS
 INTERMODULATION
 OSCILLOSCOPES
 SELECTIVE FADING
 SIGNAL ANALYSIS
 SPECTRUM ANALYSIS
 SWEEP FREQUENCY
 . TEST EQUIPMENT
 . VIBRATION MEASUREMENT

FREQUENCY ASSIGNMENT

RT COMMUNICATING
 FREQUENCY REUSE
 MAXIMUM USABLE FREQUENCY
 ORBIT SPECTRUM UTILIZATION

FREQUENCY BANDS

USE FREQUENCIES

FREQUENCY COMPRESSION DEMODULATORS

GS DEMODULATORS
 . FREQUENCY COMPRESSION
 . DEMODULATORS

FREQUENCY CONTROL

UF FREQUENCY REGULATION
GS REGULATORS
 . FREQUENCY CONTROL
 . . . AUTOMATIC FREQUENCY CONTROL
RT AUTODYNES
 . CONTROL
 . CRYSTAL OSCILLATORS

FREQUENCY CONTROL--(cont.)

FREQUENCY PULLING
QUARTZ CRYSTALS
SIGNAL STABILIZATION

FREQUENCY CONVERSION

USE FREQUENCY CONVERTERS

FREQUENCY CONVERTERS

UF FREQUENCY CONVERSION
 FREQUENCY TRANSLATION
GS **FREQUENCY CONVERTERS**
 . DOWN-CONVERTERS
 . FREQUENCY DIVIDERS
 . FREQUENCY MULTIPLIERS
 . FREQUENCY SYNTHESIZERS
 . PARAMETRIC FREQUENCY
 . CONVERTERS
 . UP-CONVERTERS
RT . CONVERSION
 . CONVERTERS
 . HARMONIC GENERATORS
 . MIXING CIRCUITS
 . PARAMETRIC AMPLIFIERS
 . PULSE WIDTH AMPLITUDE CONVERTERS

FREQUENCY DISCRIMINATORS

GS CIRCUITS
 . DISCRIMINATORS
 . FREQUENCY DISCRIMINATORS

FREQUENCY DISTRIBUTION

SN (OF CYCLIC VARIATIONS)
GS DISTRIBUTION (PROPERTY)
 . FREQUENCY DISTRIBUTION
 . KURTOSIS
RT CYCLES
 FOURIER ANALYSIS
 FREQUENCIES
 SUBAUDIBLE FREQUENCIES

FREQUENCY DIVIDERS

GS FREQUENCY CONVERTERS
 . FREQUENCY DIVIDERS
RT DOWN-CONVERTERS

FREQUENCY DIVISION MULTIPLE ACCESS

UF FDMA
GS TELECOMMUNICATION
 . MULTIPLE ACCESS
 . . . FREQUENCY DIVISION MULTIPLE
 . . . ACCESS
 . TRANSMISSION
 . . . SIGNAL TRANSMISSION
 . . . DATA TRANSMISSION
 . . . MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE
 ACCESS
RT ALOHA SYSTEM
 CODE DIVISION MULTIPLE ACCESS
 CODE DIVISION MULTIPLEXING
 MULTIPLEXING
 RADIO COMMUNICATION
 TIME DIVISION MULTIPLE ACCESS

FREQUENCY DIVISION MULTIPLEXING

GS TRANSMISSION
 . MULTIPLEXING
 . . . FREQUENCY DIVISION MULTIPLEXING
RT CARRIER FREQUENCIES
 COMMUNICATION NETWORKS
 DATA TRANSMISSION
 DEMULTIPLEXING
 MULTIPLE ACCESS
 PULSE COMMUNICATION
 RADIO COMMUNICATION
 SATELLITE TRANSMISSION
 TELECOMMUNICATION
 TIME DIVISION MULTIPLEXING
 WAVELENGTH DIVISION MULTIPLEXING

FREQUENCY HOPPING

RT FREQUENCY REUSE
 FREQUENCY SHIFT KEYING
 JAMMING
 SPREAD SPECTRUM TRANSMISSION
 TRANSMISSION EFFICIENCY

FREQUENCY MEASUREMENT

RT ACOUSTIC MEASUREMENT
 . MEASUREMENT
 . TIME MEASUREMENT
 . VIBRATION MEASUREMENT

FREQUENCY MODULATION

UF FM (MODULATION)
GS CODING
 . SIGNAL ENCODING
 . . . FREQUENCY MODULATION
 . . . FEEDBACK FREQUENCY
 . . . MODULATION
 . . . FM/PM (MODULATION)
 . . . FREQUENCY SHIFT KEYING
 . . . PULSE FREQUENCY MODULATION
 . . . MODULATION
 . . . FREQUENCY MODULATION
 . . . FEEDBACK FREQUENCY MODULATION
 . . . FM/PM (MODULATION)
 . . . FREQUENCY SHIFT KEYING
 . . . PULSE FREQUENCY MODULATION
RT AMPLITUDE MODULATION
 AUTOMATIC FREQUENCY CONTROL
 CAPTURE EFFECT
 CARRIER TO NOISE RATIOS
 COMPANDING
 DEMODULATION
 DEMODULATORS
 INTERMODULATION
 LIGHT MODULATION
 LINE OF SIGHT COMMUNICATION
 MODULATORS
 PHASE MODULATION
 PULSE FREQUENCY MODULATION
 TELEMETRY
 PULSE MODULATION
 VOCODERS
 VOLTAGE CONTROLLED OSCILLATORS

FREQUENCY MODULATION PHOTOMULTIPLIERS

GS AMPLIFIERS
 . CURRENT AMPLIFIERS
 . . . PHOTOMULTIPLIER TUBES
 . . . FREQUENCY MODULATION
 . . . PHOTOMULTIPLIERS
 . ELECTRON TUBES
 . COLD CATHODE TUBES
 . . . PHOTOTUBES
 . . . PHOTOMULTIPLIER TUBES
 FREQUENCY MODULATION
 PHOTOMULTIPLIERS
RT CATHODES
 VACUUM TUBE OSCILLATORS

FREQUENCY MULTIPLIERS

GS FREQUENCY CONVERTERS
 . FREQUENCY MULTIPLIERS
RT PHASE MATCHING

FREQUENCY PULLING

UF PULLING (FREQUENCY STABILITY)
RT DISTORTION
 FREQUENCY CONTROL
 FREQUENCY SHIFT
 FREQUENCY STABILITY
 LASER OUTPUTS
 LASER STABILITY
 OSCILLATORS
 STABLE OSCILLATIONS
 TUNING

FREQUENCY RANGES

GS RANGE (EXTREMES)
 . FREQUENCY RANGES
 . . . OCTAVES
 . . . RADIO RANGE
 . . . SUBAUDIBLE FREQUENCIES
RT ACOUSTIC FREQUENCIES
 BANDWIDTH
 DYNAMIC RANGE
 FREQUENCIES
 . FREQUENCY RESPONSE
 . FREQUENCY REUSE

FREQUENCY REGULATION

USE FREQUENCY CONTROL

∞ FREQUENCY RESPONSE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
UF PHASE RESPONSE
RT ACUITY
 BROADBAND
 DISTRIBUTED AMPLIFIERS
 DYNAMIC CHARACTERISTICS
 DYNAMIC RANGE
 DYNAMIC RESPONSE
 EQUALIZERS (CIRCUITS)
 FREQUENCY RANGES

FREQUENCY RESPONSE--(cont.)

LINEAR FILTERS
 LINEAR RECEIVERS
 LOG PERIODIC ANTENNAS
 LOGARITHMIC RECEIVERS
 PERCEPTION
 PULSE REPETITION RATE
 RAMP FUNCTIONS
 RESPONSES
 SENSITIVITY
 SMEAR
 SPECTRAL SENSITIVITY
 STEP FUNCTIONS
 STROKING TESTS
 THRESHOLDS (PERCEPTION)

FREQUENCY REUSE

RT DATA LINKS
 DOWNLINKING
 FREQUENCIES
 FREQUENCY ASSIGNMENT
 FREQUENCY HOPPING
 FREQUENCY RANGES
 MAXIMUM USABLE FREQUENCY
 MICROWAVE TRANSMISSION
 RADIO TRANSMISSION
 SATELLITE TRANSMISSION
 UPLINKING

FREQUENCY SCANNING

GS SCANNING
 . **FREQUENCY SCANNING**
 RT PANORAMIC SCANNING
 RADAR SCANNING
 SPECTRUM ANALYSIS
 SWEEP CIRCUITS
 SWEEP FREQUENCY

FREQUENCY SHIFT

RT BRILLOUIN EFFECT
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 FREQUENCY PULLING
 GYROTRISM
 ∞ SHIFT

FREQUENCY SHIFT KEYING

GS CODING
 . SIGNAL ENCODING
 . . FREQUENCY MODULATION
 . . . **FREQUENCY SHIFT KEYING**
 KEYING
 . **FREQUENCY SHIFT KEYING**
 MODULATION
 . FREQUENCY MODULATION
 . . **FREQUENCY SHIFT KEYING**
 RT FREQUENCY HOPPING
 RADIO TRANSMISSION

FREQUENCY STABILITY

UF ACOUSTIC STABILITY
 GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . **FREQUENCY STABILITY**
 STABILITY
 . DYNAMIC STABILITY
 . . **FREQUENCY STABILITY**
 RT CRYSTAL OSCILLATORS
 FREQUENCY PULLING
 LASER STABILITY
 OSCILLATORS
 QUARTZ CRYSTALS
 STABLE OSCILLATIONS
 VOLTAGE CONTROLLED OSCILLATORS

FREQUENCY STANDARDS

GS STANDARDS
 . **FREQUENCY STANDARDS**
 RT ATOMIC CLOCKS
 GAS MASERS
 ION STORAGE
 MASERS
 RESONATORS
 TIME SIGNALS

FREQUENCY SYNCHRONIZATION

GS SYNCHRONISM
 . **FREQUENCY SYNCHRONIZATION**
 RT BIT SYNCHRONIZATION
 CAPTURE EFFECT
 HOMODYNE RECEPTION
 SWEEP FREQUENCY
 SYNCHRONIZED OSCILLATORS
 SYNTONY

FREQUENCY SYNTHESIZERS

GS FREQUENCY CONVERTERS
 . **FREQUENCY SYNTHESIZERS**
 SIGNAL GENERATORS
 . **FREQUENCY SYNTHESIZERS**
 RT MIXING CIRCUITS
 OSCILLATORS
 SYNTHESIZERS

FREQUENCY TRANSLATION

USE FREQUENCY CONVERTERS

FRESH WATER

GS WATER
 . **FRESH WATER**
 RT AGRISTARS PROJECT
 AQUIFERS
 GROUND WATER
 LIMNOLOGY
 POTABLE WATER
 RESERVOIRS
 SPRINGS (WATER)

FRESNEL DIFFRACTION

GS DIFFRACTION
 . **FRESNEL DIFFRACTION**
 RT GRATINGS (SPECTRA)
 INTERFEROMETRY
 SPECKLE INTERFEROMETRY

FRESNEL INTEGRALS

UF FRESNEL-KIRCHHOFF INTEGRALS
 GS FUNCTIONS (MATHEMATICS)
 . **FRESNEL INTEGRALS**
 RT DIFFRACTION PATTERNS
 TRIGONOMETRIC FUNCTIONS
 WAVE DIFFRACTION

FRESNEL LENSES

GS LENSES
 . **FRESNEL LENSES**
 RT FOCUSING
 ∞ OPTICS

FRESNEL REFLECTORS

GS MIRRORS
 . **FRESNEL REFLECTORS**
 REFLECTORS
 . **FRESNEL REFLECTORS**
 RT INTERFEROMETRY
 SLITS
 SPECKLE INTERFEROMETRY

FRESNEL REGION

GS REGIONS
 . **FRESNEL REGION**
 RT ANTENNA RADIATION PATTERNS
 DIFFRACTION PATTERNS
 FAR FIELDS

FRESNEL-KIRCHHOFF INTEGRALS

USE FRESNEL INTEGRALS

FRETTING

RT EROSION
 FATIGUE (MATERIALS)
 TRIBOLOGY
 WEAR TESTS

FRETTING CORROSION

GS CORROSION
 . **FRETTING CORROSION**
 RT FATIGUE (MATERIALS)
 STRESS CORROSION
 WEAR

FRICTION

GS **FRICTION**
 . DRY FRICTION
 . FLOW RESISTANCE
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 SUPERSONIC DRAG
 . . . VISCIOUS DRAG
 . INTERNAL FRICTION
 . KINETIC FRICTION
 . SLIDING FRICTION
 . SKIN FRICTION
 . . FRICTION DRAG
 . . . AERODYNAMIC DRAG
 SUPERSONIC DRAG
 . . . VISCIOUS DRAG
 STATIC FRICTION
 RT ABRASION

FRICTION--(cont.)

COEFFICIENT OF FRICTION
 DRAG
 DRAG REDUCTION
 ENERGY DISSIPATION
 FLUID FLOW
 MECHANICAL IMPEDANCE
 ∞ PRESSURE DROP
 SCORING
 SURFACE PROPERTIES
 SURFACE ROUGHNESS
 TRACTION
 TRIBOLOGY
 TRIBOLUMINESCENCE
 WEAR
 WEAR TESTS
 WHEEL BRAKES

FRICTION COEFFICIENT

USE COEFFICIENT OF FRICTION

FRICTION DRAG

UF NONEQUILIBRIUM DRAG
 GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **FRICTION DRAG**
 . . . AERODYNAMIC DRAG
 SUPERSONIC DRAG
 . . . VISCIOUS DRAG
 FRICTION
 . FLOW RESISTANCE
 . . **FRICTION DRAG**
 . . . AERODYNAMIC DRAG
 SUPERSONIC DRAG
 . . . VISCIOUS DRAG
 . SKIN FRICTION
 . . **FRICTION DRAG**
 . . . AERODYNAMIC DRAG
 SUPERSONIC DRAG
 . . . VISCIOUS DRAG
 RT MINIMUM DRAG
 PRESSURE DRAG
 RIBBLETS
 SATELLITE DRAG
 SURFACE ROUGHNESS EFFECTS
 WAVE DRAG

FRICTION FACTOR

UF FRICTION LOSS COEFFICIENT
 RT COEFFICIENT OF FRICTION
 PRESSURE GRADIENTS
 SKIN FRICTION

FRICTION LOSS COEFFICIENT

USE FRICTION FACTOR

FRICTION MEASUREMENT

GS MECHANICAL MEASUREMENT
 . **FRICTION MEASUREMENT**
 RT ELASTOHYDRODYNAMICS
 KINETIC FRICTION
 ∞ MEASUREMENT
 STATIC FRICTION

FRICTION PRESSURE DROP

USE SKIN FRICTION

FRICTION REDUCTION

RT ANTIFRICTION BEARINGS
 COEFFICIENT OF FRICTION
 LUBRICATION
 ∞ REDUCTION
 STREAMLINING

FRICTION WELDING

GS WELDING
 . PRESSURE WELDING
 . . **FRICTION WELDING**

FRICTIONLESS ENVIRONMENTS

GS ENVIRONMENTS
 . **FRICTIONLESS ENVIRONMENTS**
 RT DEEP SPACE
 LEVITATION

FRIEDEL-CRAFT REACTION

GS CHEMICAL REACTIONS
 . **FRIEDEL-CRAFT REACTION**
 RT ACYLATION
 ALKYLATION

FRIENDSHIP 7

GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT

FRIENDSHIP 7--(cont.)

.. **FRIENDSHIP 7**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . **FRIENDSHIP 7**
 SOFT LANDING SPACECRAFT
 . MERCURY SPACECRAFT
 . . **FRIENDSHIP 7**
 SPACE CAPSULES
 . MERCURY SPACECRAFT
 . . **FRIENDSHIP 7**
 RT MERCURY MA-6 FLIGHT

FRINGE MULTIPLICATION

RT DIFFRACTION PATTERNS
 INTERFERENCE GRATING
 MOIRE EFFECTS
 MOIRE FRINGES
 MULTIPLICATION
 PHOTOELASTIC ANALYSIS
 STRESS ANALYSIS
 STRESS CONCENTRATION

FRINGE PATTERNS

USE DIFFRACTION PATTERNS

FRIT

RT CERAMICS
 FUSION (MELTING)
 GLAZES
 VITREOUS MATERIALS

FROGS

GS ANIMALS
 . VERTEBRATES
 . . AMPHIBIA
 . . . **FROGS**

FRONTAL AREAS (METEOROLOGY)

USE FRONTS (METEOROLOGY)

FRONTAL WAVES

RT OCEAN CURRENTS
 OCEANOGRAPHY
 TSUNAMI WAVES
 WATER WAVES
 ∞ WAVES

∞ FRONTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COLD FRONTS
 FRONTS (METEOROLOGY)
 SHOCK FRONTS
 WARM FRONTS
 WAVE FRONTS

FRONTS (METEOROLOGY)

UF FRONTAL AREAS (METEOROLOGY)
 WEATHER FRONTS
 GS **FRONTS (METEOROLOGY)**
 . COLD FRONTS
 . WARM FRONTS
 RT AIR MASSES
 ARC CLOUDS
 ∞ FRONTS
 INTERTROPICAL CONVERGENT ZONES
 MARINE METEOROLOGY
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 STORMS
 SYNOPTIC METEOROLOGY
 THUNDERSTORMS
 TORNADOES

FROST

RT BAY ICE
 DEW
 FREEZING
 ICE
 LOW TEMPERATURE

FROST DAMAGE

GS DAMAGE
 . **FROST DAMAGE**
 RT COLD WEATHER
 ∞ CROPS
 FARM CROPS
 FRUITS
 LOW TEMPERATURE
 ORCHARDS
 PLANTS (BOTANY)

FROSTBITE

GS INJURIES
 . **FROSTBITE**
 RT COLD TOLERANCE

FROUDE NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . **FROUDE NUMBER**
 RT FLUID FLOW
 INERTIA
 KINETIC ENERGY
 POTENTIAL ENERGY
 REYNOLDS NUMBER
 STROUHAL NUMBER

FROZEN EQUILIBRIUM FLOW

GS FLUID FLOW
 . GAS FLOW
 . . EQUILIBRIUM FLOW
 . . . **FROZEN EQUILIBRIUM FLOW**
 RT SHIFTING EQUILIBRIUM FLOW

FROZEN FOODS

RT ∞ FOOD
 FOOD PROCESSING
 FREEZE DRYING
 PRESERVING
 REFRIGERATING

FROZEN SOILS

USE PERMAFROST

FRUITS

GS FARM CROPS
 . **FRUITS**
 RT AGRICULTURE
 BOLLWORMS
 BOTANY
 ∞ FOOD
 FROST DAMAGE
 ORCHARDS

FRUSTRATION

RT DISABILITIES
 EMOTIONAL FACTORS
 EMOTIONS
 ∞ INHIBITION
 LETHARGY
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGY

FRUSTUMS

RT CONES
 GEOMETRY
 PYRAMIDS
 VOLUME

FUEL CAPSULES

RT ∞ CAPSULES
 NUCLEAR FUELS
 PELLETS
 SPENT FUELS

FUEL CELL CATALYSTS

USE ELECTROCATALYSTS

FUEL CELL POWER PLANTS

GS ELECTRIC POWER PLANTS
 . **FUEL CELL POWER PLANTS**
 RT COAL GASIFICATION
 ENERGY TECHNOLOGY
 FUEL CELLS

FUEL CELLS

SN (EXCLUDES BATTERIES)
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . **FUEL CELLS**
 . . . BIOCHEMICAL FUEL CELLS
 . . . HYDROGEN OXYGEN FUEL CELLS
 . . . PHOSPHORIC ACID FUEL CELLS
 . . . REGENERATIVE FUEL CELLS
 ELECTROCHEMICAL CELLS
 . **FUEL CELLS**
 . . BIOCHEMICAL FUEL CELLS
 . . HYDROGEN OXYGEN FUEL CELLS
 . . PHOSPHORIC ACID FUEL CELLS
 . . REGENERATIVE FUEL CELLS
 RT ∞ CELLS
 CHEMICAL AUXILIARY POWER UNITS
 ∞ ELECTRIC CELLS
 ELECTROCATALYSTS
 ELECTROCHEMISTRY

FUEL CELLS--(cont.)

ELECTROLYTES
 ENERGY CONVERSION EFFICIENCY
 ENERGY STORAGE
 FUEL CELL POWER PLANTS
 HYDROGEN FUELS
 HYDROGEN-BASED ENERGY
 ION EXCHANGE MEMBRANE
 ELECTROLYTES
 MAGNETOHYDRODYNAMIC GENERATORS
 SOLAR CELLS
 SOLAR GENERATORS
 THERMIONIC CONVERTERS
 THERMOELECTRIC GENERATORS
 WET CELLS

FUEL COMBUSTION

GS COMBUSTION
 . **FUEL COMBUSTION**
 . . NUCLEAR FUEL BURNUP
 RT COMBUSTION EFFICIENCY
 COMBUSTION STABILITY
 EROSION BURNING
 HYDROCARBON COMBUSTION
 HYPERSONIC COMBUSTION
 IGNITION
 METAL COMBUSTION
 OXIDATION
 PROPELLANT COMBUSTION
 SOLID PROPELLANT COMBUSTION
 SPONTANEOUS COMBUSTION
 SUPERSONIC COMBUSTION
 TURBULENT COMBUSTION

FUEL CONSERVATION

USE FUEL CONSUMPTION

FUEL CONSUMPTION

UF FUEL CONSERVATION
 GS CONSUMPTION
 . **FUEL CONSUMPTION**
 RT BURNING RATE
 COMBUSTION EFFICIENCY
 ENERGY CONSUMPTION
 ENERGY REQUIREMENTS
 ENGINES
 INTERNAL COMBUSTION ENGINES
 REFUELING

FUEL CONTAMINATION

GS CONTAMINATION
 . **FUEL CONTAMINATION**
 RT ANTICIPATING ADDITIVES
 CONTAMINANTS
 REFUELING

FUEL CONTROL

RT COMBUSTION CONTROL
 ∞ CONTROL
 ENGINE CONTROL
 FLUID MANAGEMENT
 LIQUID SLOSHING
 PROPELLANT TRANSFER
 REFUELING
 ROCKET ENGINE CONTROL
 TURBOJET ENGINE CONTROL

FUEL CORROSION

GS CORROSION
 . **FUEL CORROSION**
 RT PROPELLANT DECOMPOSITION
 PROPELLANT STORABILITY

FUEL ELEMENTS (NUCLEAR REACTORS)

USE NUCLEAR FUEL ELEMENTS

FUEL FLOW

GS FLUID FLOW
 . **FUEL FLOW**
 . . PROPELLANT TRANSFER
 RT COMBUSTIBLE FLOW
 DUCTED FLOW
 PARTICLE LADEN JETS
 REACTING FLOW

FUEL FLOW REGULATORS

GS REGULATORS
 . FLOW REGULATORS
 . . **FUEL FLOW REGULATORS**

FUEL GAGES

GS MEASURING INSTRUMENTS
 . **FUEL GAGES**
 . . CAPACITIVE FUEL GAGES

FUEL GAGES--(cont.)

RT FLOWMETERS

FUEL INJECTION

UF INJECTION CARBURETORS

GS INJECTION

RT FUEL INJECTION

BURNERS

CARBURETORS

FLUID INJECTION

GAS INJECTION

INJECTORS

INTERNAL COMBUSTION ENGINES

JET ENGINES

JET MIXING FLOW

∞ JET NOZZLES

LIQUID INJECTION

PISTON ENGINES

PROPELLANT SPRAYS

SPRAY NOZZLES

FUEL OILS

GS FUELS

CLEAN FUELS

FUEL OILS

OILS

FUEL OILS

RT ENERGY POLICY

KEROGEN

KEROSENE

SHALE OIL

SOLVENT REFINED COAL

FUEL PRODUCTION

RT CHEMICAL FUELS

COMPOSITE PROPELLANTS

CRUDE OIL

FISSION

∞ FUSION

HYDROCARBON FUELS

HYDROGEN FUELS

LIQUID FUELS

NUCLEAR FUELS

∞ PRODUCTION

FUEL PUMPS

GS PUMPS

FUEL PUMPS

RT AIRCRAFT FUEL SYSTEMS

AXIAL FLOW PUMPS

CENTRIFUGAL PUMPS

ELECTROMAGNETIC PUMPS

INTERNAL COMBUSTION ENGINES

JET ENGINES

JET PUMPS

MATERIALS HANDLING

TURBINE PUMPS

FUEL SPRAYS

RT LIQUID INJECTION

PROPELLANT SPRAYS

SPRAYERS

FUEL SYSTEMS

GS FUEL SYSTEMS

AIRCRAFT FUEL SYSTEMS

RT ACCUMULATORS

AUTOMOBILES

BUNKERS (FUEL)

CARBURETORS

CHOKES (FUEL SYSTEMS)

ENGINES

FEEDERS

FUELS

INJECTORS

INLET TEMPERATURE

INTAKE SYSTEMS

INTERNAL COMBUSTION ENGINES

MANIFOLDS

PLENUM CHAMBERS

PROPELLANT TRANSFER

REFUELING

SELF SEALING

SPRAY NOZZLES

∞ SYSTEMS

FUEL TANK PRESSURIZATION

GS PRESSURIZING

FUEL TANK PRESSURIZATION

RT AIRCRAFT FUEL SYSTEMS

EXHAUST SYSTEMS

EXPULSION BLADDERS

LIQUID ROCKET PROPELLANTS

PRESSURE

PRESSURE REGULATORS

FUEL TANK PRESSURIZATION--(cont.)

PRESSURE VESSELS

PROPELLANT STORAGE

PROPELLANT TANKS

PROPULSION

RELIEF VALVES

ULLAGE

VAPOR PRESSURE

FUEL TANKS

GS TANKS (CONTAINERS)

FUEL TANKS

WING TANKS

RT AIRCRAFT FUEL SYSTEMS

CONTAINERS

CORROSION PREVENTION

CRYOGENIC FLUID STORAGE

CYLINDRICAL TANKS

EXPULSION BLADDERS

EXTERNAL TANKS

FEED SYSTEMS

FUELS

HEATING EQUIPMENT

LIQUID SLOSHING

PODS (EXTERNAL STORES)

PRESSURE VESSELS

PROPELLANT STORAGE

PROPELLANT TANKS

PROPELLANTS

PROPULSION

PROTUBERANCES

SPACECRAFT STRUCTURES

SPHERICAL TANKS

STORAGE TANKS

TANKER AIRCRAFT

ULLAGE

FUEL TESTS

GS FUEL TESTS

REACTOR STARTUP TESTS

RT CHEMICAL ANALYSIS

CORROSION TESTS

ENGINE TESTS

∞ MATERIALS TESTS

MISSILE TESTS

PROPELLANT TESTS

STABILITY TESTS

TEST FIRING

∞ TESTS

FUEL VALVES

GS VALVES

FUEL VALVES

RT AIRCRAFT FUEL SYSTEMS

GAS VALVES

RELIEF VALVES

FUEL-AIR RATIO

GS RATIOS

FUEL-AIR RATIO

RT BURNING RATE

COMBUSTION EFFICIENCY

COMPRESSION RATIO

GAS MIXTURES

IGNITION LIMITS

PREMIXING

PRESSURE RATIO

VOLUMETRIC EFFICIENCY

FUELING

USE REFUELING

FUELS

GS FUELS

CHEMICAL FUELS

ENDOTHERMIC FUELS

HIGH ENERGY FUELS

HYDROCARBON FUELS

DIESEL FUELS

GASOLINE

JET ENGINE FUELS

JP-4 JET FUEL

JP-5 JET FUEL

JP-6 JET FUEL

JP-8 JET FUEL

LIQUEFIED NATURAL GAS

SYNTHANE

LIQUID FUELS

AIRCRAFT FUELS

ANTIMISTING FUELS

AUTOMOBILE FUELS

DIESEL FUELS

GASOLINE

HYDROGEN FUELS

JET ENGINE FUELS

FUELS--(cont.)

JP-4 JET FUEL

JP-5 JET FUEL

JP-6 JET FUEL

JP-8 JET FUEL

KEROSENE

METAL FUELS

SYNTHETIC FUELS

GASOHOL (FUEL)

SYNTHANE

CLEAN FUELS

FUEL OILS

COKE

FISSILE FUELS

GASEOUS FUELS

NATURAL GAS

MONOPROPELLANTS

AEROZINE

NUCLEAR FUELS

CERAMIC NUCLEAR FUELS

FISSION

SPENT FUELS

RT BIOCONVERSION

BURNING RATE

CHARCOAL

ENERGY POLICY

ENERGY STORAGE

FLAMES

FUEL SYSTEMS

FUEL TANKS

GASES

HYDROGEN

HYDROGEN PRODUCTION

KEROGEN

LIQUID AMMONIA

LIQUID HYDROGEN

NUCLEAR FUEL ELEMENTS

OILS

OPERATING COSTS

OXIDIZERS

PREMIXING

PROPELLANTS

ROCKET PROPELLANTS

SHALE OIL

TRANSPORTATION ENERGY

FUJITA METHOD

RT COORDINATES

∞ METHODOLOGY

∞ TRANSFORMATIONS

TRANSFORMATIONS (MATHEMATICS)

FULL SCALE TESTS

RT ALTITUDE TESTS

ENGINE TESTS

FLIGHT TESTS

GROUND TESTS

HIGH ALTITUDE TESTS

∞ TESTS

FULLERENES

GS FULLERENES

BUCKMINSTERFULLERENE

RT CARBON

GRAPHITE

POLYATOMIC MOLECULES

POLYHEDRONS

FULMINATES

GS ESTERS

ISOCYANATES

FULMINATES

NITROGEN COMPOUNDS

CYANO COMPOUNDS

ISOCYANATES

FULMINATES

RT DETONATORS

EXPLOSIVES

PROPELLANTS

FUMES

RT AEROSOLS

DISPERSIONS

DUST

EXHAUST GASES

FIRE DAMAGE

GAS MIXTURES

GASES

HAZE DETECTION

REACTION PRODUCTS

SMOKE

SMOKE DETECTORS

VAPORS

WASTES

FUMIGATION

RT ANTISEPTICS
BACTERICIDES
SPRAYING
STERILIZATION

FUNCTION GENERATORS

GS SIGNAL GENERATORS
FUNCTION GENERATORS
RT GENERATORS
PULSE GENERATORS
VOLTAGE GENERATORS
WAVE GENERATION

FUNCTION SPACE

GS ANALYSIS (MATHEMATICS)
FUNCTION SPACE
BANACH SPACE
HILBERT SPACE
SOBOLEV SPACE
RT FIBERS (MATHEMATICS)
FIELD THEORY (PHYSICS)
FUNCTIONS (MATHEMATICS)
ORTHOGONAL FUNCTIONS
QUANTUM MECHANICS
SERIES (MATHEMATICS)
SPACE
STATISTICAL MECHANICS
VECTORS (MATHEMATICS)

FUNCTIONAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
FUNCTIONAL ANALYSIS
BANACH SPACE
HILBERT SPACE
SOBOLEV SPACE
CONVOLUTION INTEGRALS
HARMONIC ANALYSIS
TESSERAL HARMONICS
ZONAL HARMONICS
INTEGRAL EQUATIONS
FREDHOLM EQUATIONS
J INTEGRAL
SINGULAR INTEGRAL EQUATIONS
VOLTERRA EQUATIONS
WIENER HOPF EQUATIONS
INTEGRAL TRANSFORMATIONS
FOURIER TRANSFORMATION
HILBERT TRANSFORMATION
LAPLACE TRANSFORMATION
RT COMPLEX VARIABLES
FORM FACTORS
FUNCTIONS (MATHEMATICS)
SERIES (MATHEMATICS)
WALSH FUNCTION

FUNCTIONAL DESIGN SPECIFICATIONS

GS SPECIFICATIONS
FUNCTIONAL DESIGN SPECIFICATIONS
RT AERONAUTICAL ENGINEERING
DESIGN
EQUIPMENT SPECIFICATIONS
MISSILE DESIGN
PRODUCT DEVELOPMENT
SYSTEMS ENGINEERING

FUNCTIONAL INTEGRATION

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
MEASURE AND INTEGRATION
FUNCTIONAL INTEGRATION
RT ANALOG COMPUTERS
DIFFERENTIAL EQUATIONS
DIGITAL INTEGRATORS
PARTIAL DIFFERENTIAL EQUATIONS

FUNCTIONALLY GRADIENT MATERIALS

UF FGM (MATERIALS)
GS COMPOSITE MATERIALS
FUNCTIONALLY GRADIENT MATERIALS
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRFRAME MATERIALS
ANISOTROPIC MEDIA
BIMETALS
CERAMIC MATRIX COMPOSITES
COMBUSTION SYNTHESIS
COMPOSITE STRUCTURES
FIBER COMPOSITES
MATRIX MATERIALS
METAL MATRIX COMPOSITES
PREPREGS
SPACECRAFT CONSTRUCTION MATERIALS

FUNCTIONALS

RT FUNCTIONS
FUNCTIONS (MATHEMATICS)
INTEGRALS

FUNCTIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CONTRALATERAL FUNCTIONS
FUNCTIONALS
FUNCTIONS (MATHEMATICS)
MUSCULAR FUNCTION
PARENTERAL FUNCTIONS
PENALTY FUNCTION
PULMONARY FUNCTIONS
RENAL FUNCTION
SCATTERING FUNCTIONS
WORK FUNCTIONS

FUNCTIONS (MATHEMATICS)

GS FUNCTIONS (MATHEMATICS)
ABEL FUNCTION
AIRY FUNCTION
ANALYTIC FUNCTIONS
ENTIRE FUNCTIONS
APERIODIC FUNCTIONS
ASYMPTOTES
BOOLEAN FUNCTIONS
COMPOSITE FUNCTIONS
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
DELTA FUNCTION
DISCRETE FUNCTIONS
DISCRIMINANT ANALYSIS (STATISTICS)
DISTRIBUTION FUNCTIONS
DISTURBING FUNCTIONS
ERROR FUNCTIONS
FOURIER TRANSFORMATION
FAST FOURIER TRANSFORMATIONS
FOURIER-BESSEL TRANSFORMATIONS
FRESNEL INTEGRALS
GAMMA FUNCTION
GREEN'S FUNCTIONS
HAMILTONIAN FUNCTIONS
HANKEL FUNCTIONS
HARMONIC FUNCTIONS
HYPERBOLIC FUNCTIONS
HYPERGEOMETRIC FUNCTIONS
KERNEL FUNCTIONS
LAGRANGIAN FUNCTION
LAGUERRE FUNCTIONS
LAME FUNCTIONS
LAPLACE TRANSFORMATION
LEGENDRE FUNCTIONS
LIAPUNOV FUNCTIONS
LINEAR TRANSFORMATIONS
LORENTZ TRANSFORMATIONS
MATHIEU FUNCTION
MAXWELL-BOLTZMANN DENSITY FUNCTION
MELLIN TRANSFORMS
MEROMORPHIC FUNCTIONS
ELLIPTIC FUNCTIONS
RATIONAL FUNCTIONS
MONOTONE FUNCTIONS
ORTHOGONAL FUNCTIONS
WALSH FUNCTION
ORTHONORMAL FUNCTIONS
PENALTY FUNCTION
POINT SPREAD FUNCTIONS
POISSON DENSITY FUNCTIONS
PROBABILITY DENSITY FUNCTIONS
NORMAL DENSITY FUNCTIONS
PEARSON DISTRIBUTIONS
RAYLEIGH DISTRIBUTION
WEIBULL DENSITY FUNCTIONS
PROBABILITY DISTRIBUTION FUNCTIONS
RAMP FUNCTIONS
RECURSIVE FUNCTIONS
SCHWARZ-CHRISTOFFEL TRANSFORMATION
SHAPE FUNCTIONS
SPACE-TIME FUNCTIONS
SPHERICAL HARMONICS
SPLINE FUNCTIONS
STEP FUNCTIONS
STRESS FUNCTIONS
TIME FUNCTIONS
TRANSCENDENTAL FUNCTIONS
EXPONENTIAL FUNCTIONS
LOGARITHMS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS

FUNCTIONS (MATHEMATICS)--(cont.)

COSINE SERIES
SINE SERIES
TANGENTS
TRANSFER FUNCTIONS
LOOP TRANSFER FUNCTIONS
MODULATION TRANSFER FUNCTION
OPTICAL TRANSFER FUNCTION
WEIGHTING FUNCTIONS
WHITTAKER FUNCTIONS
RT ALGEBRA
APPLICATIONS OF MATHEMATICS
BRANCHING (MATHEMATICS)
CALCULUS
CONTINUITY (MATHEMATICS)
DIVERGENCE
EXTREMUM VALUES
FUNCTION SPACE
FUNCTIONAL ANALYSIS
FUNCTIONALS
FUNCTIONS
INFINITY
INFLECTION POINTS
LINEARITY
MAPPING
MATHEMATICAL LOGIC
MATHEMATICAL MODELS
MATHEMATICS
NONLINEARITY
NUMBER THEORY
NUMERICAL DIFFERENTIATION
OPERATIONS RESEARCH
OPERATORS (MATHEMATICS)
RANDOM VARIABLES
RANGE (EXTREMES)
TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)
WAVELET ANALYSIS

FUNGAL DISEASES

SN (EXCLUDES PLANT DISEASES)
GS DISEASES
INFECTIOUS DISEASES
FUNGAL DISEASES
RT DERMATITIS
FUNGI
RESPIRATORY DISEASES

FUNGI

GS PLANTS (BOTANY)
FUNGI
ASPERGILLUS
COCCOMYCES
GIBBERELLINS
NEUROSPORA
RHIZOPUS
RUST FUNGI
SACCHAROMYCES
YEAST
RT BLIGHT
FUNGAL DISEASES
LICHENS
MICROSPORES
MITRA
MOLD
PANSPERMIA
PLANT DISEASES
SPORES
THERMOPHILES

FUNGICIDES

GS FUNGICIDES
XANTHINES
CAFFEINE
GUANINES
URIC ACID
RT ANTIINFECTIVES AND ANTIBACTERIALS
TOXICOLOGY

FUNNELS

RT CONICAL INLETS
NOZZLES

FURAN RESINS

GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS

FURAN RESINS--(cont.)

RT KEVLAR (TRADEMARK)
ADHESIVES
COATINGS

FURANS

GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **FURANS**
. TETRAHYDROFURAN
RT ∞CHEMICAL COMPOUNDS
PLASTICS
SOLVENTS

FURFURYL ALCOHOL

RT ALDEHYDES
∞AROMATIC COMPOUNDS

FURLABLE ANTENNAS

GS ANTENNAS
. **FURLABLE ANTENNAS**
RT COMMUNICATION EQUIPMENT
FOLDING STRUCTURES
SATELLITE ANTENNAS
SPACE COMMUNICATION
SPACECRAFT ANTENNAS

FURNACES

SN (EXCLUDES DOMESTIC HEATING
EQUIPMENT)
GS HEATING EQUIPMENT
. **FURNACES**
. . . ELECTRIC FURNACES
. . . IMAGE FURNACES
. . . SOLAR FURNACES
. . . VACUUM FURNACES
RT BOILERS
BURNERS
CHEMICAL ENGINEERING
CHEMICAL REACTORS
CHIMNEYS
COMBUSTION CHAMBERS
CONTROLLED ATMOSPHERES
∞CUPOLAS
DRYING APPARATUS
EXTRACTION
FLUIDIZED BED PROCESSORS
FOUNDRIES
HEARTHES
HEAT TREATMENT
INCINERATORS
INDUCTION HEATING
MECHANICAL ENGINEERING
MELTING
∞METALLURGY
MUFFLERS
OVENS
REFRACTORIES
SEPARATORS
SINTERING
WASTE ENERGY UTILIZATION

FUSELAGE MOUNTING

USE AIRCRAFT PRODUCTION

FUSELAGES

GS AIRCRAFT STRUCTURES
. **FUSELAGES**
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT PARTS
AIRFRAMES
BAYS (STRUCTURAL UNITS)
BODY-WING AND TAIL CONFIGURATIONS
CAMBER
CENTERBODIES
COCKPITS
CYLINDRICAL BODIES
HULLS (STRUCTURES)
WING-FUSELAGE STORES

∞ FUSES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CIRCUIT BREAKERS
CIRCUIT PROTECTION
ELECTRIC FUSES
FUSES (ORDNANCE)
WARHEADS

FUSES (ORDNANCE)

RT AMMUNITION
CAPS (EXPLOSIVES)
DETONATORS

FUSES (ORDNANCE)--(cont.)

∞ FUSES
INITIATORS (EXPLOSIVES)
WARHEADS
WICKS

FUSIBILITY

GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. . . **FUSIBILITY**
RT ∞PHYSICAL PROPERTIES
∞RESISTANCE
WELDING

FUSIFORM SHAPES

USE CONES

∞ FUSION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FUEL PRODUCTION
FUSION (MELTING)
INERTIAL FUSION (REACTOR)
LASER FUSION
LIQUID-SOLID INTERFACES
NUCLEAR FUSION

FUSION (MELTING)

GS PHASE TRANSFORMATIONS
. MELTING
. . . **FUSION (MELTING)**
RT ADHESION
FRIT
FUSION WELDING
HEAT OF FUSION
∞JOINING
PHASE CHANGE MATERIALS

FUSION HEAT

USE HEAT OF FUSION

FUSION REACTORS

GS NUCLEAR REACTORS
. **FUSION REACTORS**
. . . HELIOTRONS
. . . SPHEROMAKS
. . . STELLARATORS
RT BETA FACTOR
BLANKETS (FUSION REACTORS)
BUMPY TORUSES
FUSION-FISSION HYBRID REACTORS
IMPACT FUSION
INERTIAL FUSION (REACTOR)
LIMITERS (FUSION REACTORS)
MIRROR FUSION
NUCLEAR FISSION
NUCLEAR FUSION
∞REACTORS
TANDEM MIRRORS
THERMAL BARRIERS (PLASMA
CONTROL)

FUSION WEAPONS

UF HYDROGEN BOMBS
GS WEAPONS
. NUCLEAR WEAPONS
. . . **FUSION WEAPONS**
RT LASER WEAPONS
NUCLEAR FUSION

FUSION WELDING

GS WELDING
. **FUSION WELDING**
. . . ELECTRIC WELDING
. ARC WELDING
. GAS TUNGSTEN ARC WELDING
. PLASMA ARC WELDING
. ELECTROSLAG WELDING
. FLASH WELDING
. ELECTRON BEAM WELDING
. GAS WELDING
. BRAZING
. LOW TEMPERATURE BRAZING
. LASER WELDING
RT PRESSURE WELDING
SPOT WELDS

FUSION-FISSION HYBRID REACTORS

GS NUCLEAR REACTORS
. **FUSION-FISSION HYBRID REACTORS**
RT FUSION REACTORS
NUCLEAR FISSION
NUCLEAR FUSION

FUSION-FISSION HYBRID REACTORS--(cont.)

∞REACTORS

FUZZY SETS

RT ALGORITHMS
FUZZY SYSTEMS
SET THEORY

FUZZY SYSTEMS

RT ALGORITHMS
FUZZY SETS
PROBABILITY THEORY
SET THEORY
SYSTEM IDENTIFICATION
∞SYSTEMS
SYSTEMS ANALYSIS

FV-12A AIRCRAFT

GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. . . **FV-12A AIRCRAFT**
V/STOL AIRCRAFT
. **FV-12A AIRCRAFT**
RT ∞AIRCRAFT
∞MILITARY AIRCRAFT

F4H AIRCRAFT

USE F-4 AIRCRAFT

F8U AIRCRAFT

USE F-8 AIRCRAFT

F9F AIRCRAFT

USE F-9 AIRCRAFT

G**G FORCE**

USE ACCELERATION (PHYSICS)

G STARS

GS CELESTIAL BODIES
. STARS
. . . **G STARS**
. SUN
RT DWARF STARS
F STARS
GIANT STARS
MAIN SEQUENCE STARS
STELLAR SPECTRA

G-1 AIRCRAFT

UF NAVION G-1 AIRCRAFT
NAVION RANGEMASTER AIRCRAFT
RANGEMASTER AIRCRAFT
GS GENERAL AVIATION AIRCRAFT
. **G-1 AIRCRAFT**
LIGHT AIRCRAFT
. **G-1 AIRCRAFT**
MONOPLANES
. **G-1 AIRCRAFT**
NAVION AIRCRAFT
. **G-1 AIRCRAFT**
PASSENGER AIRCRAFT
. **G-1 AIRCRAFT**
TRANSPORT AIRCRAFT
. **G-1 AIRCRAFT**
RT ∞AIRCRAFT

G-91 AIRCRAFT

UF FIAT G-91 AIRCRAFT
GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. . . **G-91 AIRCRAFT**
FIAT AIRCRAFT
. **G-91 AIRCRAFT**
JET AIRCRAFT
. **G-91 AIRCRAFT**
LIGHT AIRCRAFT
. **G-91 AIRCRAFT**
MONOPLANES
. **G-91 AIRCRAFT**
OBSERVATION AIRCRAFT
. **G-91 AIRCRAFT**
RECONNAISSANCE AIRCRAFT
. **G-91 AIRCRAFT**
TRAINING AIRCRAFT
. **G-91 AIRCRAFT**
RT ∞AIRCRAFT

G-95/4 AIRCRAFT

UF FIAT G-95/4 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **G-95/4 AIRCRAFT**
 FIAT AIRCRAFT
 . **G-95/4 AIRCRAFT**
 JET AIRCRAFT
 . **G-95/4 AIRCRAFT**
 MONOPLANES
 . **G-95/4 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . **G-95/4 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **G-95/4 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **G-95/4 AIRCRAFT**
 V/STOL AIRCRAFT
 . **G-95/4 AIRCRAFT**
 RT ∞ AIRCRAFT

G-222 AIRCRAFT

UF FIAT G-222 AIRCRAFT
 GS FIAT AIRCRAFT
 . **G-222 AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . **G-222 AIRCRAFT**
 MONOPLANES
 . **G-222 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **G-222 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **G-222 AIRCRAFT**
 V/STOL AIRCRAFT
 . **G-222 AIRCRAFT**
 RT ∞ AIRCRAFT

GA-5 AIRCRAFT

UF GLOSTER GA-5 AIRCRAFT
 JAVELIN AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **GA-5 AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 . **GA-5 AIRCRAFT**
 JET AIRCRAFT
 . **GA-5 AIRCRAFT**
 MONOPLANES
 . **GA-5 AIRCRAFT**
 RT ∞ AIRCRAFT
 DELTA WINGS

GABBRO

GS ROCKS
 . IGNEOUS ROCKS
 . **GABBRO**
 RT ANORTHOSITE
 LUNAR ROCKS

GABON

GS NATIONS
 . **GABON**
 RT AFRICA

GADOLINIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . **GADOLINIUM**
 . . . GADOLINIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . **GADOLINIUM**
 . . . GADOLINIUM ISOTOPES
 RT GADOLINIUM-GALLIUM GARNET

GADOLINIUM ALLOYS

GS ALLOYS
 . RARE EARTH ALLOYS
 . **GADOLINIUM ALLOYS**
 RT METALS

GADOLINIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . . ISOTOPES
 . . . **GADOLINIUM ISOTOPES**
 . RARE EARTH ELEMENTS
 . **GADOLINIUM**
 . . . **GADOLINIUM ISOTOPES**
 METALS
 . RARE EARTH ELEMENTS
 . **GADOLINIUM**
 . . . **GADOLINIUM ISOTOPES**

GADOLINIUM-GALLIUM GARNET

UF GGG (GARNET)
 GS GALLIUM COMPOUNDS
 . **GADOLINIUM-GALLIUM GARNET**
 MINERALS
 . GARNETS
 . . . **GADOLINIUM-GALLIUM GARNET**
 SILICON COMPOUNDS
 . SILICATES
 . . . GARNETS
 . . . **GADOLINIUM-GALLIUM GARNET**
 RT DOPED CRYSTALS
 ECLOGITE
 FERRITES
 GADOLINIUM
 LASER MATERIALS
 LASERS
 MAGNETOSTATIC AMPLIFIERS
 SEMICONDUCTOR LASERS
 SEMICONDUCTORS (MATERIALS)

GAGES

USE MEASURING INSTRUMENTS

GAIA HYPOTHESIS

RT ATMOSPHERIC COMPOSITION
 ATMOSPHERIC TEMPERATURE
 BIOCHEMISTRY
 BIOLOGICAL EVOLUTION
 BIOSPHERE
 ECOLOGY
 ECOSYSTEMS
 GREENHOUSE EFFECT

GAIN (AMPLIFICATION)

USE AMPLIFICATION

GALACTIC BULGE

UF CENTRAL BULGE (GALAXIES)
 NUCLEAR BULGE (GALAXIES)
 RT GALACTIC NUCLEI
 GALACTIC STRUCTURE
 GALAXIES
 MILKY WAY GALAXY
 SPIRAL GALAXIES
 X RAY SOURCES

GALACTIC CLUSTERS

SN (RESTRICTED TO CLUSTERS OF
 GALAXIES; EXCLUDES OPEN CLUSTERS)
 UF GALAXY GROUPS
 GS CELESTIAL BODIES
 . GALAXIES
 . . . **GALACTIC CLUSTERS**
 . . . LOCAL GROUP (ASTRONOMY)
 . . . VIRGO GALACTIC CLUSTER
 RT AGGLOMERATION
 ∞ CLUSTERS
 COOLING FLOWS (ASTROPHYSICS)
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 METALLICITY
 MISSING MASS (ASTROPHYSICS)
 STAR CLUSTERS
 STAR DISTRIBUTION
 STELLAR SYSTEMS

GALACTIC COSMIC RAYS

GS EXTRATERRESTRIAL RADIATION
 . GALACTIC RADIATION
 . . . **GALACTIC COSMIC RAYS**
 IONIZING RADIATION
 . COSMIC RAYS
 . . . **GALACTIC COSMIC RAYS**
 RT ENERGETIC PARTICLES
 SOLAR ACTIVITY EFFECTS
 SOLAR WIND

GALACTIC EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 . **GALACTIC EVOLUTION**
 RT ASTROPHYSICS
 BIG BANG COSMOLOGY
 COOLING FLOWS (ASTROPHYSICS)
 COSMOLOGY
 DARK MATTER
 DISK GALAXIES
 GALACTIC MASS
 RING GALAXIES
 STAR DISTRIBUTION
 STAR FORMATION RATE
 STELLAR EVOLUTION
 STELLAR MASS ACCRETION

GALACTIC HALOS

RT DARK MATTER
 DISK GALAXIES
 GALACTIC STRUCTURE
 GLOBULAR CLUSTERS
 HALOS
 INTERGALACTIC MEDIA
 INTERSTELLAR GAS
 MISSING MASS (ASTROPHYSICS)
 MOLECULAR CLOUDS
 SPIRAL GALAXIES
 STAR DISTRIBUTION

GALACTIC MAGNETIC FIELDS

USE INTERSTELLAR MAGNETIC FIELDS

GALACTIC MASS

GS MASS
 . **GALACTIC MASS**
 RT GALACTIC EVOLUTION
 GALACTIC STRUCTURE
 MASS DISTRIBUTION
 STELLAR MASS

GALACTIC NUCLEI

GS **GALACTIC NUCLEI**
 . ACTIVE GALACTIC NUCLEI
 RT ABSORPTION SPECTRA
 ACCRETION DISKS
 ACTIVE GALAXIES
 DISK GALAXIES
 GALACTIC BULGE
 RADIO JETS (ASTRONOMY)
 RADIO SOURCES (ASTRONOMY)
 SEYFERT GALAXIES
 STARBURST GALAXIES

GALACTIC RADIATION

GS EXTRATERRESTRIAL RADIATION
 . **GALACTIC RADIATION**
 . . . GALACTIC COSMIC RAYS
 . . . GALACTIC RADIO WAVES
 . . . NORTH POLAR SPUR (ASTRONOMY)
 RT ACTIVE GALACTIC NUCLEI
 ACTIVE GALAXIES
 BRIGHTNESS DISTRIBUTION
 CORPUSCULAR RADIATION
 COSMIC NOISE
 COSMIC RAYS
 COSMIC X RAYS
 ELECTROMAGNETIC RADIATION
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 HUBBLE DIAGRAM
 INFRARED CIRRUS (ASTRONOMY)
 INTERSTELLAR RADIATION
 IRREGULAR GALAXIES
 MASS TO LIGHT RATIOS
 NONTHERMAL RADIATION
 ∞ RADIATION
 RADIATIVE TRANSFER
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 STELLAR RADIATION
 UHURU SATELLITE

GALACTIC RADIATION EXP BACKGROUND SATS

USE GREB SATELLITES

GALACTIC RADIO WAVES

GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . **GALACTIC RADIO WAVES**
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . . **GALACTIC RADIO WAVES**
 . . . NORTH POLAR SPUR (ASTRONOMY)
 . GALACTIC RADIATION
 . . . **GALACTIC RADIO WAVES**
 . . . NORTH POLAR SPUR (ASTRONOMY)
 RT COSMIC NOISE
 RADIO JETS (ASTRONOMY)

GALACTIC ROTATION

RT COROTATION
 DISK GALAXIES
 HYDROGEN CLOUDS
 IRREGULAR GALAXIES
 STELLAR MOTIONS
 STELLAR SYSTEMS
 VELOCITY DISTRIBUTION

GALACTIC STRUCTURE

RT BARRED GALAXIES

GALACTIC STRUCTURE--(cont.)

COMPACT GALAXIES
COROTATION
DENSITY WAVE MODEL
DISK GALAXIES
GALACTIC BULGE
GALACTIC HALOS
GALACTIC MASS
GALAXIES
INTERACTING GALAXIES
IRREGULAR GALAXIES
MISSING MASS (ASTROPHYSICS)
PECULIAR GALAXIES
RING GALAXIES
SHELL GALAXIES
STELLAR SYSTEMS
∞ STRUCTURES

GALACTOSE

GS ORGANIC COMPOUNDS
CARBOHYDRATES
SUGARS
MONOSACCHARIDES
HEXOSES
GALACTOSE

GALAXIES

GS CELESTIAL BODIES
GALAXIES
ACTIVE GALAXIES
MARKARIAN GALAXIES
RADIO GALAXIES
SEYFERT GALAXIES
COMPACT GALAXIES
DISK GALAXIES
DWARF GALAXIES
ELLIPTICAL GALAXIES
GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
VIRGO GALACTIC CLUSTER
INTERACTING GALAXIES
IRREGULAR GALAXIES
MAFFEI GALAXIES
MAGELLANIC CLOUDS
PECULIAR GALAXIES
RING GALAXIES
SHELL GALAXIES
SPIRAL GALAXIES
ANDROMEDA GALAXY
BARRED GALAXIES
MILKY WAY GALAXY
STARBURST GALAXIES
RT BL LACERTAE OBJECTS
FAINT OBJECTS
GALACTIC BULGE
GALACTIC STRUCTURE
GUM NEBULA
HUBBLE CONSTANT
HUBBLE DIAGRAM
METALLICITY
NEBULAE
ORION NEBULA
QUASARS
RADIO SOURCES (ASTRONOMY)
RED SHIFT
STAR CLUSTERS
STAR FORMATION RATE
STARS
STELLAR SYSTEMS

GALAXY AIRCRAFT

USE C-5 AIRCRAFT

GALAXY GROUPS

USE GALACTIC CLUSTERS

GALAXY INTERACTION

USE INTERACTING GALAXIES

GALERKIN METHOD

RT LINEARIZATION
∞ METHODOLOGY

GALILEAN SATELLITES

GS CELESTIAL BODIES
NATURAL SATELLITES
JUPITER SATELLITES
GALILEAN SATELLITES
CALLISTO
EUROPA
GANYMEDE
IO
RT CHARON
GALILEO PROJECT
GALILEO SPACECRAFT

GALILEAN SATELLITES--(cont.)

ICY SATELLITES
JUPITER (PLANET)
TRITON

GALILEO MISSION

USE GALILEO PROJECT

GALILEO PROBE

GS INTERPLANETARY SPACECRAFT
JUPITER PROBES
GALILEO PROBE
UNMANNED SPACECRAFT
SPACE PROBES
JUPITER PROBES
GALILEO PROBE
RT JUPITER (PLANET)
∞ PROBES
∞ SPACECRAFT

GALILEO PROJECT

UF GALILEO MISSION
GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
GALILEO PROJECT
PROJECTS
GALILEO PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
GALILEO PROJECT
RT AMPHITRITE ASTEROID
ATMOSPHERIC ENTRY
FLYBY MISSIONS
GALILEAN SATELLITES
JUPITER ATMOSPHERE
JUPITER PROBES

GALILEO SPACECRAFT

GS INTERPLANETARY SPACECRAFT
JUPITER PROBES
GALILEO SPACECRAFT
UNMANNED SPACECRAFT
SPACE PROBES
JUPITER PROBES
GALILEO SPACECRAFT
RT FLYBY MISSIONS
GALILEAN SATELLITES
JUPITER (PLANET)
∞ MISSIONS
∞ SPACECRAFT

GALL

RT DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
SECRETIONS

GALLAMINE TRIETHIODIDE

GS AMINES
GALLAMINE TRIETHIODIDE
ETHERS
GALLAMINE TRIETHIODIDE
HALOGEN COMPOUNDS
IODINE COMPOUNDS
IODIDES
GALLAMINE TRIETHIODIDE

GALLATES

GS GALLIUM COMPOUNDS
GALLATES
SODIUM GALLATES

GALLIUM

GS CHEMICAL ELEMENTS
GALLIUM
GALLIUM ISOTOPES
METALS
GALLIUM
GALLIUM ISOTOPES

GALLIUM ALLOYS

GS ALLOYS
GALLIUM ALLOYS
RT ALUMINUM ALLOYS
INDIUM ALLOYS
SUPERCONDUCTIVITY

GALLIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
ANTIMONIDES
GALLIUM ANTIMONIDES
GALLIUM COMPOUNDS
GALLIUM ANTIMONIDES

GALLIUM ARSENIDE LASERS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
STIMULATED EMISSION DEVICES
LASERS
SEMICONDUCTOR LASERS
GALLIUM ARSENIDE LASERS
SOLID STATE LASERS
GALLIUM ARSENIDE LASERS
RT ALUMINUM GALLIUM ARSENIDE LASERS
INJECTION LASERS
STIMULATED EMISSION
WAVEGUIDE LASERS

GALLIUM ARSENIDES

GS ARSENIC COMPOUNDS
ARSENIDES
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
INDIUM GALLIUM ARSENIDES
GALLIUM COMPOUNDS
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
INDIUM GALLIUM ARSENIDES
RT GUNN DIODES
HETEROJUNCTION DEVICES
INJECTION LASERS
MODFETS
NEGATIVE CONDUCTANCE
NEGATIVE ELECTRON AFFINITY
NEGATIVE RESISTANCE DEVICES
SCHOTTKY DIODES
SEMICONDUCTOR LASERS
SUPERLATTICES
TRANSFERRED ELECTRON DEVICES

GALLIUM COMPOUNDS

GS GALLIUM COMPOUNDS
GADOLINIUM-GALLIUM GARNET
GALLATES
SODIUM GALLATES
GALLIUM ANTIMONIDES
GALLIUM ARSENIDES
ALUMINUM GALLIUM ARSENIDES
INDIUM GALLIUM ARSENIDES
GALLIUM NITRIDES
GALLIUM OXIDES
GALLIUM PHOSPHIDES
GALLIUM SELENIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 3A COMPOUNDS
∞ METAL COMPOUNDS

GALLIUM ISOTOPES

GS CHEMICAL ELEMENTS
GALLIUM
GALLIUM ISOTOPES
NUCLIDES
ISOTOPES
GALLIUM ISOTOPES
METALS
GALLIUM
GALLIUM ISOTOPES

GALLIUM NITRIDES

GS GALLIUM COMPOUNDS
GALLIUM NITRIDES
NITROGEN COMPOUNDS
NITRIDES
METAL NITRIDES
GALLIUM NITRIDES
RT SEMICONDUCTORS (MATERIALS)

GALLIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
GALLIUM OXIDES
GALLIUM COMPOUNDS
GALLIUM OXIDES

GALLIUM PHOSPHIDES

GS GALLIUM COMPOUNDS
GALLIUM PHOSPHIDES
PHOSPHORUS COMPOUNDS
PHOSPHIDES
GALLIUM PHOSPHIDES

GALLIUM SELENIDES

GS CHALCOGENIDES

GALLIUM SELENIDES--(cont.)

SELENIDES
 . GALLIUM SELENIDES
 GALLIUM COMPOUNDS
 . GALLIUM SELENIDES
 SELENIUM COMPOUNDS
 . SELENIDES
 . GALLIUM SELENIDES

GALVANIC CELLS

USE ELECTROLYTIC CELLS

GALVANIC SKIN RESPONSE

UF ELECTRODERMAL RESPONSE
 GS RESPONSES
 . GALVANIC SKIN RESPONSE
 RT ELECTRICAL RESISTANCE
 LIES

GALVANIZING

USE ZINC COATINGS

GALVANOMAGNETIC EFFECTS

UF GALVANOMAGNETISM
 GS GALVANOMAGNETIC EFFECTS
 . NERNST-ETTINGSHAUSEN EFFECT
 RT ∞ EFFECTS
 HALL EFFECT

GALVANOMAGNETISM

USE GALVANOMAGNETIC EFFECTS

GALVANOMETERS

GS MEASURING INSTRUMENTS
 . GALVANOMETERS
 RT AMMETERS
 ELECTROMETERS
 MICROMILLIAMMETERS
 MILLIVOLTMETERS
 THERMOCOUPLE PYROMETERS

GAMBIA

GS NATIONS
 . GAMBIA
 RT AFRICA

GAME THEORY

GS GAME THEORY
 . SADDLE POINTS (GAME THEORY)
 RT DECISION THEORY
 DEPLOYMENT
 INFORMATION THEORY
 LINEAR PROGRAMMING
 MARTINGALES
 MATHEMATICAL MODELS
 MATHEMATICAL PROGRAMMING
 MINIMAX TECHNIQUE
 MONTE CARLO METHOD
 OPERATIONS RESEARCH
 PROBABILITY THEORY
 RISK
 SADDLE POINTS
 SIMULATION
 STATISTICAL ANALYSIS
 STATISTICAL DECISION THEORY
 STOCHASTIC PROCESSES
 STRATEGY
 ∞ THEORIES
 WAR GAMES

GAMETOCYTES

UF OOCYTES
 SPERMATOCYTES
 GS CELLS (BIOLOGY)
 . GAMETOCYTES
 . EGGS
 . SPERMATOZOA
 RT SPERMATOGENESIS

GAMMA FUNCTION

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . GAMMA FUNCTION
 FUNCTIONS (MATHEMATICS)
 . GAMMA FUNCTION
 RT FACTORIALS
 STATISTICAL DISTRIBUTIONS

GAMMA GLOBULIN

GS ANTIBODIES
 . GAMMA GLOBULIN
 BIOPOLYMERS
 . PROTEINS
 . GLOBULINS

GAMMA GLOBULIN--(cont.)

. . . GAMMA GLOBULIN
 ORGANIC COMPOUNDS
 . PROTEINS
 . GLOBULINS
 . . . GAMMA GLOBULIN

GAMMA RADIATION

USE GAMMA RAYS

GAMMA RAY ABSORPTIOMETRY

GS DENSITY MEASUREMENT
 . GAMMA RAY ABSORPTIOMETRY
 RT ABSORPTION SPECTRA
 DENSITOMETERS
 ELECTROMAGNETIC ABSORPTION
 ENERGY ABSORPTION
 ∞ MEASUREMENT
 PHOTON ABSORPTIOMETRY
 RADIATION ABSORPTION

GAMMA RAY ABSORPTION

GS ENERGY ABSORPTION
 . RADIATION ABSORPTION
 . . . ELECTROMAGNETIC ABSORPTION
 . . . GAMMA RAY ABSORPTION
 RT ∞ ABSORPTION
 ELECTROMAGNETIC PROPERTIES
 ELECTROMAGNETIC RADIATION
 IONIZING RADIATION
 NUCLEAR RADIATION
 PHOTON ABSORPTIOMETRY

GAMMA RAY ASTRONOMY

GS ASTRONOMY
 . GAMMA RAY ASTRONOMY
 RT ASTROPHYSICS
 COSMIC X RAYS
 ENERGY SPECTRA
 GALACTIC RADIATION
 GAMMA RAY BURSTS
 GAMMA RAY TELESCOPES
 RADIO ASTRONOMY
 X RAY ASTRONOMY

GAMMA RAY ASTRONOMY EXPLORER

USE EXPLORER 11 SATELLITE

GAMMA RAY BEAMS

GS BEAMS (RADIATION)
 . GAMMA RAY BEAMS
 ELECTROMAGNETIC RADIATION
 . GAMMA RAY BEAMS
 IONIZING RADIATION
 . GAMMA RAY BEAMS
 NUCLEAR RADIATION
 . GAMMA RAY BEAMS
 RT PHOTON BEAMS
 RADIOACTIVE DECAY

GAMMA RAY BURSTS

UF COSMIC GAMMA RAY BURSTS
 GS BURSTS
 . GAMMA RAY BURSTS
 ELECTROMAGNETIC RADIATION
 . GAMMA RAYS
 . GAMMA RAY BURSTS
 EXTRATERRESTRIAL RADIATION
 . GAMMA RAY BURSTS
 IONIZING RADIATION
 . COSMIC RAYS
 . . . GAMMA RAY BURSTS
 . GAMMA RAYS
 . . . GAMMA RAY BURSTS
 NUCLEAR RADIATION
 . GAMMA RAYS
 . . . GAMMA RAY BURSTS
 RT BIG BANG COSMOLOGY
 BREMSSTRAHLUNG
 CERENKOV RADIATION
 COSMIC X RAYS
 GALACTIC RADIATION
 GAMMA RAY ASTRONOMY
 INTERSTELLAR RADIATION
 NUCLEAR PARTICLES
 RADIANT FLUX DENSITY
 STARQUAKES
 STELLAR RADIATION
 X RAY ASTRONOMY

GAMMA RAY LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . . GAMMA RAY LASERS
 RT COHERENT LIGHT

GAMMA RAY LASERS--(cont.)

LIGHT TRANSMISSION
 OPTICAL PUMPING
 PULSED RADIATION

GAMMA RAY OBSERVATORY

UF COMPTON GAMMA RAY OBSERVATORY
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . . ASTRONOMICAL SATELLITES
 . . . GAMMA RAY OBSERVATORY
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . . ASTRONOMICAL SATELLITES
 . . . GAMMA RAY OBSERVATORY
 RT GAMMA RAY TELESCOPES
 OGO
 SPACEBORNE ASTRONOMY
 SPACEBORNE TELESCOPES

GAMMA RAY SPECTRA

GS SPECTRA
 . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . GAMMA RAY SPECTRA
 RT EMISSION SPECTRA
 IONIZING RADIATION

GAMMA RAY SPECTROMETERS

GS MEASURING INSTRUMENTS
 . SPECTROMETERS
 . . . GAMMA RAY SPECTROMETERS
 RT OPTICAL MEASUREMENT
 SCINTILLATING FIBERS
 SOLAR MAXIMUM MISSION
 SPECTRA
 SPECTRUM ANALYSIS

GAMMA RAY TELESCOPES

GS TELESCOPES
 . GAMMA RAY TELESCOPES
 RT COSMIC RAYS
 GAMMA RAY ASTRONOMY
 GAMMA RAY OBSERVATORY
 SCINTILLATING FIBERS

GAMMA RAYS

SN (EMITTED BY NUCLEI)
 UF GAMMA RADIATION
 GS ELECTROMAGNETIC RADIATION
 . GAMMA RAYS
 . . . GAMMA RAY BURSTS
 IONIZING RADIATION
 . GAMMA RAYS
 . . . GAMMA RAY BURSTS
 NUCLEAR RADIATION
 . GAMMA RAYS
 . . . GAMMA RAY BURSTS
 RT BREMSSTRAHLUNG
 CERENKOV RADIATION
 COSMIC RAYS
 COSMIC X RAYS
 DECAY
 EMISSION SPECTRA
 FLUX (RATE)
 FLUX DENSITY
 MONOCHROMATIC RADIATION
 MOSSBAUER EFFECT
 PHOTOMAGNETIC EFFECTS
 PHOTONS
 ∞ RADIATION
 RADIATION EFFECTS
 RADIATION SHIELDING
 RADIOACTIVE DECAY
 RADIOACTIVITY
 ∞ RAYS
 SCINTILLATING FIBERS
 TRANSVERSE OSCILLATION
 TRANSVERSE WAVES
 X RAYS

GANGLIA

GS ANATOMY
 . NERVOUS SYSTEM
 . . . NERVES
 . . . GANGLIA
 RT CELLS (BIOLOGY)
 NEUROGLIA
 NEUROPHYSIOLOGY

GANTRIES

USE GANTRY CRANES

GANTRY CRANES

UF GANTRIES

GANTRY CRANES--(cont.)

- GS HANDLING EQUIPMENT
 - . CRANES
- RT **GANTRY CRANES**
 - GROUND SUPPORT EQUIPMENT
 - LAUNCHING PADS
 - LAUNCHING SITES
 - UMBILICAL TOWERS

GANYMEDE

- GS CELESTIAL BODIES
 - . NATURAL SATELLITES
 - . . . ICY SATELLITES
 - . . . **GANYMEDE**
 - . . . JUPITER SATELLITES
 - . . . GALILEAN SATELLITES
 - . . . **GANYMEDE**
- RT CALLISTO
 - CHARON
 - IO
 - JUPITER (PLANET)

GAP (PROPELLANTS)

- USE GLYCIDYL AZIDE POLYMER

GAPS

- GS **GAPS**
 - . ENERGY GAPS (SOLID STATE)
 - . SPARK GAPS
- RT ∞ ARRESTERS
 - ∞ BREAKDOWN
 - CRACK OPENING DISPLACEMENT
 - ∞ HOLES
 - OPENINGS
 - ORIFICES
 - PASSAGEWAYS
 - QUANTUM WELLS
 - ∞ TUNNELS

GAPS (GEOLOGY)

- UF COLS
 - PASSES
- GS LANDFORMS
 - . **GAPS (GEOLOGY)**
- RT GEOLOGY
 - MOUNTAINS
 - ∞ RIDGES

GARBAGE

- GS WASTES
 - . **GARBAGE**
- RT COMPOSTING
 - ORGANIC WASTES (FUEL CONVERSION)
 - SEWERS
 - SOLID WASTES
 - UTILITIES
 - WASTE DISPOSAL
 - WASTE TREATMENT

GARMENTS

- GS CLOTHING
 - . **GARMENTS**
- RT FLIGHT CLOTHING
 - SUITS
 - VESTS

GARNETS

- GS MINERALS
 - . **GARNETS**
 - . . . GADOLINIUM-GALLIUM GARNET
 - . . . YTTRIUM-ALUMINUM GARNET
 - . . . YTTRIUM-IRON GARNET
 - SILICON COMPOUNDS
 - SILICATES
 - . **GARNETS**
 - . . . GADOLINIUM-GALLIUM GARNET
 - . . . YTTRIUM-ALUMINUM GARNET
 - . . . YTTRIUM-IRON GARNET
- RT ECOLOGITE
 - LASERS

GARP

- USE GLOBAL ATMOSPHERIC RESEARCH PROGRAM

GARP ATLANTIC TROPICAL EXPERIMENT

- UF GATE (EXPERIMENT)
- GS PROGRAMS
 - . GLOBAL ATMOSPHERIC RESEARCH PROGRAM
 - . . **GARP ATLANTIC TROPICAL EXPERIMENT**
- RT ATLANTIC OCEAN
 - INTERTROPICAL CONVERGENT ZONES

GARP ATLANTIC TROPICAL EXPERIMENT--(cont.)

- METEOROLOGY
- NASA PROGRAMS
- OCEANOGRAPHY
- TROPICAL METEOROLOGY
- TROPICAL REGIONS
- WEATHER FORECASTING

GAS ANALYSIS

- GS CHEMICAL TESTS
 - . CHEMICAL ANALYSIS
 - . . **GAS ANALYSIS**
 - . . . OZONOMETRY
 - . . . VAN SLYKE METHOD
- RT AIR SAMPLING
 - FLAME PROBES
 - HOPCALITE (TRADEMARK)
 - MASS SPECTROMETERS
 - ∞ MATERIALS TESTS
 - OXYGEN ANALYZERS
 - QUALITATIVE ANALYSIS
 - QUANTITATIVE ANALYSIS
 - VOLUMETRIC ANALYSIS

GAS ATOMIZATION

- GS ATOMIZING
 - . **GAS ATOMIZATION**
- RT AEROSOLS
 - COLLISIONS
 - COMMINUTION
 - LIQUID ATOMIZATION
 - PARTICLES

GAS BAGS

- GS BAGS
 - . **GAS BAGS**
 - EXPANDABLE STRUCTURES
 - . INFLATABLE STRUCTURES
 - . . **GAS BAGS**
- RT BALLOONS
 - HIGH ALTITUDE BALLOONS

GAS BEARINGS

- UF AIR BEARINGS
 - GAS LUBRICATED BEARINGS
- GS BEARINGS
 - . **GAS BEARINGS**
- RT ANTIFRICTION BEARINGS
 - FLUID FILMS
 - FOIL BEARINGS
 - HIGH TEMPERATURE LUBRICANTS
 - SQUEEZE FILMS
 - THRUST BEARINGS
 - TURBINE ENGINES

GAS CHROMATOGRAPHY

- GS CHEMICAL TESTS
 - . CHEMICAL ANALYSIS
 - . . CHROMATOGRAPHY
 - . . . **GAS CHROMATOGRAPHY**
- RT ADSORPTION
 - PAPER CHROMATOGRAPHY
 - SORPTION
 - THIN LAYER CHROMATOGRAPHY

GAS COMPOSITION

- GS COMPOSITION (PROPERTY)
 - . **GAS COMPOSITION**
 - . . CARBON DIOXIDE CONCENTRATION
- RT ATMOSPHERIC COMPOSITION
 - ATOM CONCENTRATION
 - CHEMICAL COMPOSITION
 - DALTON LAW
 - EXPIRED AIR
 - IONOSPHERIC COMPOSITION
 - PLASMA COMPOSITION
 - POLAR GASES

GAS COOLED FAST REACTORS

- GS NUCLEAR REACTORS
 - . FAST NUCLEAR REACTORS
 - . . **GAS COOLED FAST REACTORS**
 - . . . GAS COOLED REACTORS
 - . . . **GAS COOLED FAST REACTORS**

GAS COOLED REACTORS

- UF GCR (REACTORS)
- GS NUCLEAR REACTORS
 - . **GAS COOLED REACTORS**
 - . . EXPERIMENTAL GAS COOLED REACTORS
 - . . . GAS COOLED FAST REACTORS
 - . . . HIGH TEMPERATURE NUCLEAR REACTORS

GAS COOLED REACTORS--(cont.)

- . . . HIGH TEMPERATURE GAS COOLED REACTORS
- . . . KIWI REACTORS
- . . . KIWI B REACTORS
- KIWI B-1 REACTOR
- KIWI B-4 REACTOR
- . . . TORY 2 REACTOR
- . . . TORY 2-A REACTOR
- . . . TORY 2-C REACTOR
- RT ∞ GAS REACTORS

GAS COOLING

- SN (COOLING WITH GAS)
- GS COOLING
 - . **GAS COOLING**
- RT COOLANTS
 - FREON
 - HEAT EXCHANGERS

GAS DENSITY

- GS DENSITY (MASS/VOLUME)
 - . **GAS DENSITY**
- RT ATOM CONCENTRATION
 - BUOYANCY
 - CONVECTIVE FLOW
 - GASEOUS DIFFUSION
 - IDEAL GAS
 - PROBABILITY DENSITY FUNCTIONS
 - RAREFIED GASES
 - REAL GASES

GAS DETECTORS

- RT DETECTION
 - ∞ DETECTORS
 - HAZE DETECTION
 - IDENTIFYING
 - INDICATING INSTRUMENTS
 - MONITORS
 - ∞ PROBES
 - ∞ SENSORS
 - SMOKE DETECTORS
 - WARNING SYSTEMS

GAS DIFFUSION

- USE GASEOUS DIFFUSION

GAS DISCHARGE COUNTERS

- USE COUNTERS
 - GAS DISCHARGE TUBES

GAS DISCHARGE TUBES

- UF DISCHARGE TUBES
 - GAS DISCHARGE COUNTERS
- GS ELECTRON TUBES
 - . **GAS DISCHARGE TUBES**
 - . . IGNITRONS
 - . . THYRATRONS
- RT FARADAY DARK SPACE
 - ∞ GAS TUBES
 - MICROWAVE EQUIPMENT
 - MICROWAVE OSCILLATORS
 - MICROWAVE TUBES
 - PHOTOTUBES
 - RADIATION COUNTERS

GAS DISCHARGES

- GS ELECTRIC CURRENT
 - . ELECTRIC DISCHARGES
 - . . TOWNSEND DISCHARGE
 - . . . **GAS DISCHARGES**
 - TOROIDAL DISCHARGE
 - RING DISCHARGE
- RT AFTERGLOWS
 - COLD CATHODE TUBES
 - COLD CATHODES
 - ELECTRIC ARCS
 - ELECTRIC SPARKS
 - ELECTRODELESS DISCHARGES
 - ELECTRON AVALANCHE
 - GLOW DISCHARGES
 - LIGHTNING
 - POLAR GASES

GAS DISSOCIATION

- GS DISSOCIATION
 - . **GAS DISSOCIATION**
- RT THERMAL DISSOCIATION

GAS DYNAMICS

- GS FLUID MECHANICS
 - . FLUID DYNAMICS
 - . . **GAS DYNAMICS**
 - . . . AERODYNAMICS

GAS DYNAMICS--(cont.)

... AEROTHERMODYNAMICS
 ... HYPERSONICS
 ... ROTOR AERODYNAMICS
 ... SUPERSONICS
 ... UNSTEADY AERODYNAMICS
 ... INTERACTIONAL AERODYNAMICS
 ... RAREFIED GAS DYNAMICS
 RT DALTON LAW
 ∞ DYNAMICS
 GAS PATH ANALYSIS
 GASEOUS DIFFUSION
 GASEOUS SELF-DIFFUSION
 GASES
 HYDRODYNAMIC EQUATIONS
 HYDRODYNAMICS
 JET MEMBRANE PROCESS
 KINETICS
 LORENTZ GAS
 MAGNETOHYDRODYNAMICS
 ∞ MECHANICS (PHYSICS)
 MOLECULAR GASES
 POLAR GASES
 THERMODYNAMICS

GAS EVACUATING

USE EVACUATING (VACUUM)

GAS EVOLUTION

GS EVOLUTION (LIBERATION)
 . GAS EVOLUTION
 RT DEGASSING
 OUTGASSING
 TRANSPIRATION

GAS EXCHANGE

GS EXCHANGING
 . GAS EXCHANGE
 RT OXYGEN PRODUCTION

GAS EXPANSION

GS EXPANSION
 . GAS EXPANSION
 RT JOULE-THOMSON EFFECT
 PRESSURE REDUCTION

GAS EXPLOSIONS

GS EXPLOSIONS
 . CHEMICAL EXPLOSIONS
 . GAS EXPLOSIONS
 RT DETONABLE GAS MIXTURES
 DETONATION WAVES
 FLAME PROPAGATION
 FLAMMABLE GASES
 UNDERGROUND EXPLOSIONS

GAS FLOW

UF GASEOUS CAVITATION
 GS FLUID FLOW
 . GAS FLOW
 . . AIR FLOW
 . . . AIR CURRENTS
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 VERTICAL AIR CURRENTS
 . . CONTINUUM FLOW
 . . COOLING FLOWS (ASTROPHYSICS)
 . . EQUILIBRIUM FLOW
 . . FROZEN EQUILIBRIUM FLOW
 . . SHIFTING EQUILIBRIUM FLOW
 . . FREE MOLECULAR FLOW
 . . KNUDSEN FLOW
 . . MOLECULAR FLOW
 . . . SLIP FLOW
 . . . TRANSITION FLOW
 . . . NONEQUILIBRIUM FLOW
 . . PIPE FLOW
 RT AIR DUCTS
 AIR JETS
 COMPRESSIBLE FLOW
 CRITICAL FLOW
 CROCCO-LEE THEORY
 GAS PATH ANALYSIS
 GASDYNAMIC LASERS
 GASEOUS DIFFUSION
 GASES
 GEOPHYSICAL FLUID FLOW CELLS
 HYDRAULIC ANALOGIES
 HYPERSONIC FLOW
 INCOMPRESSIBLE FLOW
 INVISCID FLOW
 JOULE-THOMSON EFFECT
 LAMINAR FLOW
 LIQUID FLOW
 MAGNETOHYDRODYNAMIC FLOW

GAS FLOW--(cont.)

MASS FLOW
 MOLECULAR RELAXATION
 MOLECULAR TRAJECTORIES
 MULTIPHASE FLOW
 NONUNIFORM FLOW
 ORIFICE FLOW
 ∞ PRESSURE DROP
 RADIAL FLOW
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 STREAMS
 SUBCRITICAL FLOW
 SUBSONIC FLOW
 SUPERCRITICAL FLOW
 SUPERSONIC FLOW
 SUPERSONIC JET FLOW
 TRANSONIC FLOW
 TURBULENT FLOW
 TWO PHASE FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 VAPOR JETS
 VISCOUS FLOW

GAS GENERATOR ENGINES

USE ENGINES
 GAS GENERATORS

GAS GENERATORS

UF GAS GENERATOR ENGINES
 RT CHEMICAL REACTORS
 ∞ GENERATORS
 PNEUMATIC EQUIPMENT
 PRESSURIZING
 VAPORIZERS

GAS GIANT PLANETS

GS CELESTIAL BODIES
 . PLANETS
 . . GAS GIANT PLANETS
 . . . JUPITER (PLANET)
 . . . NEPTUNE (PLANET)
 . . . SATURN (PLANET)
 . . . URANUS (PLANET)
 RT EXTRASOLAR PLANETS
 JUPITER RED SPOT
 NEPTUNE ATMOSPHERE
 PLANETARY COMPOSITION
 SATURN RINGS
 SOLAR SYSTEM
 URANUS ATMOSPHERE

GAS GUNS

GS GAS GUNS
 . LIGHT GAS GUNS
 RT ATMOSPHERIC ENTRY
 BALLISTICS
 ∞ GUNS
 HYPERVELOCITY GUNS
 WIND TUNNELS

GAS HEATING

GS HEATING
 . GAS HEATING
 RT ARC HEATING
 KINETIC HEATING
 PLASMA HEATING
 RADIANT HEATING
 RESISTANCE HEATING
 THERMAL DIFFUSION

GAS INJECTION

GS INJECTION
 . FLUID INJECTION
 . . GAS INJECTION
 RT FORMATIONS
 FUEL INJECTION
 INFLATING
 PERFORATING
 PLASMA PUMPING
 POROSITY
 PRESSURIZING
 STIMULATION
 WATER INJECTION

GAS IONIZATION

GS IONIZATION
 . GAS IONIZATION
 . . ATMOSPHERIC IONIZATION
 . . . AURORAL IONIZATION
 . . . FLAME IONIZATION
 RT AFTERGLOWS
 ELECTRON ATTACHMENT

GAS IONIZATION--(cont.)

HELIUM AFTERGLOW
 IONIZED GASES
 IONIZERS
 PENNING DISCHARGE
 PENNING EFFECT
 PHOTOIONIZATION
 PLASMA DISPLAY DEVICES
 RING DISCHARGE

GAS JETS

GS FLUID JETS
 . GAS JETS
 RT AIR JETS
 COLD GAS
 ∞ JETS

GAS LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . CARBON DIOXIDE LASERS
 . . . CARBON MONOXIDE LASERS
 . . . DF LASERS
 . . . EXCIMER LASERS
 . . . HCL LASERS
 . . . HCL ARGON LASERS
 . . . HCN LASERS
 . . . HELIUM-NEON LASERS
 . . . HF LASERS
 . . . KRYPTON FLUORIDE LASERS
 . . . NITROGEN LASERS
 . . . TEA LASERS
 . . . ULTRAVIOLET LASERS
 . . . XENON CHLORIDE LASERS
 . . . XENON FLUORIDE LASERS
 RT CARBON LASERS
 CHEMICAL LASERS
 ELECTRON PUMPING
 GASDYNAMIC LASERS
 INFRARED LASERS
 MACH-ZEHNDER INTERFEROMETERS
 MOLECULAR OSCILLATIONS
 NUCLEAR PUMPING
 ORGANIC LASERS
 POLAR GASES
 PULSED LASERS
 Q SWITCHED LASERS
 RARE GAS-HALIDE LASERS
 STIMULATED EMISSION
 WATER MASERS

GAS LIQUEFACTION

USE CONDENSING

GAS LUBRICANTS

GS LUBRICANTS
 . GAS LUBRICANTS
 RT GASEOUS DIFFUSION
 HIGH TEMPERATURE LUBRICANTS
 METAL-GAS SYSTEMS
 SOLID LUBRICANTS
 SQUEEZE FILMS

GAS LUBRICATED BEARINGS

USE GAS BEARINGS

GAS MASERS

GS STIMULATED EMISSION DEVICES
 . MASERS
 . . GAS MASERS
 . . . HYDROGEN MASERS
 RT ARGON LASERS
 ATOMIC CLOCKS
 CARBON DIOXIDE LASERS
 FREQUENCY STANDARDS
 INTERSTELLAR MASERS
 POLAR GASES
 STIMULATED EMISSION
 TEA LASERS
 WATER MASERS

GAS METERS

GS MEASURING INSTRUMENTS
 . FLOWMETERS
 . . GAS METERS
 RT FLOW MEASUREMENT
 VENTURI TUBES

GAS MIXTURES

GS GASES
 . GAS MIXTURES
 . . AIR
 . . . ALVEOLAR AIR
 . . . COMPRESSED AIR

GAS MIXTURES--(cont.)

... EXPIRED AIR
 ... HIGH TEMPERATURE AIR
 ... LIQUID AIR
 ... DETONABLE GAS MIXTURES
 MIXTURES
 ... SOLUTIONS
 ... **GAS MIXTURES**
 ... AIR
 ... ALVEOLAR AIR
 ... COMPRESSED AIR
 ... EXPIRED AIR
 ... HIGH TEMPERATURE AIR
 ... LIQUID AIR
 ... DETONABLE GAS MIXTURES
 RT ARGON-OXYGEN ATMOSPHERES
 ∞ ATMOSPHERES
 BINARY FLUIDS
 BINARY MIXTURES
 CONTROLLED ATMOSPHERES
 EUDIOMETERS
 EXHAUST GASES
 FUEL-AIR RATIO
 FUMES
 GASEOUS ROCKET PROPELLANTS
 HELIUM-OXYGEN ATMOSPHERES
 HYDROGEN-BASED ENERGY
 IGNITION LIMITS
 LAMINAR MIXING
 LIGHTHILL GAS MODEL
 LIQUEFIED GASES
 LIQUID-GAS MIXTURES
 MIXING RATIOS
 PREMIXED FLAMES
 PREMIXING

GAS PATH ANALYSIS

RT GAS DYNAMICS
 GAS FLOW

GAS PHASES

USE VAPOR PHASES

GAS PIPES

GS PIPES (TUBES)
 ... **GAS PIPES**
 RT ∞ GAS TUBES

GAS POCKETS

RT CAVITIES
 EVACUATING (VACUUM)

GAS PRESSURE

GS PRESSURE
 ... **GAS PRESSURE**
 RT ATMOSPHERIC PRESSURE
 COMPRESSED GAS
 INTERNAL PRESSURE
 PARTIAL PRESSURE

∞ GAS REACTORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CHEMICAL REACTORS
 GAS COOLED REACTORS
 GASEOUS FISSION REACTORS

GAS RECOVERY

GS RECLAMATION
 ... **GAS RECOVERY**
 RT ENERGY TECHNOLOGY
 EXHAUST GASES
 GASEOUS DIFFUSION
 GASES
 ∞ RECOVERY
 WASTES

GAS SPECTROSCOPY

GS SPECTROSCOPY
 ... **GAS SPECTROSCOPY**
 RT CHEMICAL ANALYSIS
 CHEMICAL TESTS
 FLAME SPECTROSCOPY
 MAGNETIC SPECTROSCOPY
 MASS SPECTROSCOPY
 OPTOGALVANIC SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 VACUUM SPECTROSCOPY
 VISIBLE SPECTRUM

GAS STREAMS

GS GASES
 ... **GAS STREAMS**

GAS STREAMS--(cont.)

STREAMS
 ... **GAS STREAMS**
 RT JET FLOW
 LAMINAR FLOW
 TURBULENCE
 WIND TUNNELS

GAS TEMPERATURE

GS TEMPERATURE
 ... **GAS TEMPERATURE**
 RT ATMOSPHERIC TEMPERATURE
 INLET TEMPERATURE
 IONIZED GASES
 RAREFIED GASES
 SHOCK TUBES
 SHOCK WAVES
 TEMPERATURE MEASUREMENT

GAS TRANSPORT

SN (ENCOMPASSES GAS
 DYNAMICS--EXCLUDES MATERIALS
 HANDLING)
 RT ENERGY TRANSFER
 GASEOUS DIFFUSION
 HEAT TRANSFER
 KINETIC THEORY
 LIGHTHILL GAS MODEL
 MAGNETOHYDRODYNAMICS
 MASS TRANSFER
 POLLUTION TRANSPORT
 TRANSPORT THEORY

∞ GAS TUBES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COLD CATHODE TUBES
 GAS DISCHARGE TUBES
 GAS PIPES
 TRIGATRONS

GAS TUNGSTEN ARC WELDING

UF TIG WELDING
 TUNGSTEN INERT GAS WELDING
 GS WELDING
 ... FUSION WELDING
 ... ELECTRIC WELDING
 ... ARC WELDING
 ... **GAS TUNGSTEN ARC WELDING**
 RT HEAT AFFECTED ZONE

GAS TURBINE ENGINES

GS ENGINES
 ... AIR BREATHING ENGINES
 ... **GAS TURBINE ENGINES**
 ... JET ENGINES
 ... RAMJET ENGINES
 ... INTEGRAL ROCKET RAMJETS
 ... LOW VOLUME RAMJET ENGINES
 ... PULSEJET ENGINES
 ... SUPERSONIC COMBUSTION
 ... RAMJET ENGINES
 ... TURBORAMJET ENGINES
 ... TURBOJET ENGINES
 ... BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 ... BRISTOL-SIDDELEY VIPER
 ENGINE
 ... DUCTED FAN ENGINES
 ... J-33 ENGINE
 ... J-34 ENGINE
 ... J-47 ENGINE
 ... J-57 ENGINE
 ... J-57-P-20 ENGINE
 ... J-65 ENGINE
 ... J-69-T-25 ENGINE
 ... J-71 ENGINE
 ... J-73 ENGINE
 ... J-75 ENGINE
 ... J-79 ENGINE
 ... J-85 ENGINE
 ... J-93 ENGINE
 ... RA-28 ENGINE
 ... TURBOFAN ENGINES
 ... BRISTOL-SIDDELEY BS 53
 ENGINE
 ... CF-700 ENGINE
 ... CONVERTIBLE FAN-SHAFT
 ENGINES
 ... J-97 ENGINE
 ... TF-41 ENGINE
 ... TURBOPROP ENGINES
 ... T-53 ENGINE
 ... T-56 ENGINE

GAS TURBINE ENGINES--(cont.)

... T-64 ENGINE
 ... T-74 ENGINE
 ... TURBORAMJET ENGINES
 ... T-58-GE-8B ENGINE
 ... INTERNAL COMBUSTION ENGINES
 ... **GAS TURBINE ENGINES**
 ... HYDROGEN ENGINES
 ... JET ENGINES
 ... RAMJET ENGINES
 ... INTEGRAL ROCKET RAMJETS
 ... LOW VOLUME RAMJET ENGINES
 ... PULSEJET ENGINES
 ... SUPERSONIC COMBUSTION
 ... RAMJET ENGINES
 ... TURBORAMJET ENGINES
 ... T-63 ENGINE
 ... T-76 ENGINE
 ... TURBOJET ENGINES
 ... BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 ... BRISTOL-SIDDELEY VIPER
 ENGINE
 ... DUCTED FAN ENGINES
 ... J-33 ENGINE
 ... J-34 ENGINE
 ... J-47 ENGINE
 ... J-52 ENGINE
 ... J-57 ENGINE
 ... J-57-P-20 ENGINE
 ... J-65 ENGINE
 ... J-69-T-25 ENGINE
 ... J-71 ENGINE
 ... J-73 ENGINE
 ... J-75 ENGINE
 ... J-79 ENGINE
 ... J-85 ENGINE
 ... J-93 ENGINE
 ... RA-28 ENGINE
 ... TURBOFAN ENGINES
 ... BRISTOL-SIDDELEY BS 53
 ENGINE
 ... CF-700 ENGINE
 ... CONVERTIBLE FAN-SHAFT
 ENGINES
 ... J-97 ENGINE
 ... TF-30 ENGINE
 ... TF-41 ENGINE
 ... TURBOPROP ENGINES
 ... T-34 ENGINE
 ... T-38 ENGINE
 ... T-53 ENGINE
 ... T-56 ENGINE
 ... T-64 ENGINE
 ... T-74 ENGINE
 ... T-78 ENGINE
 ... TURBORAMJET ENGINES
 ... T-58 ENGINE
 ... T-58-GE-8B ENGINE
 ... TURBINE ENGINES
 ... **GAS TURBINE ENGINES**
 ... JET ENGINES
 ... RAMJET ENGINES
 ... LOW VOLUME RAMJET ENGINES
 ... PULSEJET ENGINES
 ... SUPERSONIC COMBUSTION
 ... RAMJET ENGINES
 ... TURBORAMJET ENGINES
 ... T-63 ENGINE
 ... T-76 ENGINE
 ... TURBOJET ENGINES
 ... BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 ... BRISTOL-SIDDELEY VIPER
 ENGINE
 ... DUCTED FAN ENGINES
 ... J-33 ENGINE
 ... J-34 ENGINE
 ... J-47 ENGINE
 ... J-52 ENGINE
 ... J-57 ENGINE
 ... J-57-P-20 ENGINE
 ... J-65 ENGINE
 ... J-69-T-25 ENGINE
 ... J-71 ENGINE
 ... J-73 ENGINE
 ... J-75 ENGINE
 ... J-79 ENGINE
 ... J-85 ENGINE
 ... J-93 ENGINE
 ... RA-28 ENGINE
 ... TURBOFAN ENGINES
 ... BRISTOL-SIDDELEY BS 53
 ENGINE
 ... CF-700 ENGINE

GAS TURBINE ENGINES--(cont.)

..... CONVERTIBLE FAN-SHAFT
ENGINES
..... J-97 ENGINE
..... TF-30 ENGINE
..... TF-41 ENGINE
..... TURBOPROP ENGINES
..... T-34 ENGINE
..... T-38 ENGINE
..... T-53 ENGINE
..... T-56 ENGINE
..... T-64 ENGINE
..... T-74 ENGINE
..... T-78 ENGINE
..... TURBORAMJET ENGINES
..... T-58 ENGINE
..... T-58-GE-8B ENGINE
RT AIRCRAFT ENGINES
AXIAL FLOW TURBINES
BRAYTON CYCLE
EXTERNAL COMBUSTION ENGINES
FLAMEOUT
STEAM TURBINES
SUPERSONIC TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

GAS TURBINES

GS TURBOMACHINERY
TURBINES
... **GAS TURBINES**
RT AXIAL FLOW TURBINES
BRAYTON CYCLE
CLOSED CYCLES
COMBINED CYCLE POWER GENERATION
INTERNAL COMBUSTION ENGINES
SPRAY INGESTION
STEAM TURBINES
SUPERSONIC TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

GAS VALVES

GS PNEUMATIC EQUIPMENT
... **GAS VALVES**
VALVES
... **GAS VALVES**
RT AUTOMATIC CONTROL VALVES
COCKS
DAMPERS (VALVES)
FUEL VALVES
RELIEF VALVES

GAS VISCOSITY

GS TRANSPORT PROPERTIES
... VISCOSITY
... **GAS VISCOSITY**
RT GASEOUS DIFFUSION
LENNARD-JONES GAS

GAS WELDING

SN (EXCLUDES ELECTRIC WELDING IN THE
PRESENCE OF A CONTROLLED
GASEOUS ATMOSPHERE)
GS WELDING
... FUSION WELDING
... **GAS WELDING**
... BRAZING
... LOW TEMPERATURE BRAZING
RT GAS-METAL INTERACTIONS
PRESSURE WELDING

GAS-GAS INTERACTIONS

GS **GAS-GAS INTERACTIONS**
... ASSOCIATION REACTIONS
RT DALTON LAW
DETONABLE GAS MIXTURES
EXHAUST EMISSION
GASEOUS DIFFUSION
... INTERACTIONS

GAS-ION INTERACTIONS

UF ION-GAS INTERACTIONS
RT GASEOUS DIFFUSION
... INTERACTIONS

GAS-LIQUID INTERACTIONS

GS **GAS-LIQUID INTERACTIONS**
... AIR WATER INTERACTIONS
... AIR SEA ICE INTERACTIONS
RT CONDENSING
ENERGY TRANSFER
EVAPORATION
GASEOUS DIFFUSION
HEAT TRANSFER

GAS-LIQUID INTERACTIONS--(cont.)

... INTERACTIONS
... INTERFACIAL TENSION
MASS TRANSFER
MOMENTUM TRANSFER
NONCONDENSABLE GASES
SURFACE REACTIONS

GAS-METAL INTERACTIONS

GS FLUID-SOLID INTERACTIONS
... GAS-SOLID INTERACTIONS
... **GAS-METAL INTERACTIONS**
RT ABLATION
ADSORPTION
CHEMICAL REACTIONS
CHEMISORPTION
... CONDENSATION
CONDENSING
CORROSION
DIFFUSION
EVAPORATION
EXHAUST EMISSION
FLAME PROPAGATION
GAS WELDING
GASEOUS DIFFUSION
HOT CORROSION
HYDROGEN EMBRITTLEMENT
... INTERACTIONS
METAL COMBUSTION
METAL VAPORS
METAL-GAS SYSTEMS
OCCLUSION
SOLID PHASES
SUBLIMATION
SULFIDATION
VAPOR PHASES

GAS-SOLID INTERACTIONS

GS FLUID-SOLID INTERACTIONS
... **GAS-SOLID INTERACTIONS**
... GAS-METAL INTERACTIONS
RT AIR LAND INTERACTIONS
DYNAMIC LOADS
FLUID DYNAMICS
IMPINGEMENT
... INTERACTIONS
PANEL METHOD (FLUID DYNAMICS)

GAS-SOLID INTERFACES

GS BOUNDARIES
... FLUID BOUNDARIES
... **GAS-SOLID INTERFACES**
INTERFACES
... FLUID BOUNDARIES
... **GAS-SOLID INTERFACES**
RT BOUNDARY LAYERS
FLUID-SOLID INTERACTIONS
HEAT TRANSFER
INTERFACE STABILITY
METAL SURFACES
OCCLUSION
SOLID PHASES
SOLID-SOLID INTERFACES
SOLUBILITY
SUBLIMATION
VAPOR PHASES

GASDYNAMIC LASERS

GS STIMULATED EMISSION DEVICES
... LASERS
... **GASDYNAMIC LASERS**
RT GAS FLOW
GAS LASERS
LASER OUTPUTS
PLASMA DYNAMIC LASERS
TUBE LASERS

GASEOUS CAVITATION

USE CAVITATION FLOW
GAS FLOW

GASEOUS DIFFUSION

UF GAS DIFFUSION
GS DIFFUSION
... **GASEOUS DIFFUSION**
... GASEOUS SELF-DIFFUSION
TRANSPORT PROPERTIES
... **GASEOUS DIFFUSION**
... GASEOUS SELF-DIFFUSION
RT DIFFUSION COEFFICIENT
GAS DENSITY
GAS DYNAMICS
GAS FLOW
GAS LUBRICANTS
GAS RECOVERY

GASEOUS DIFFUSION--(cont.)

GAS TRANSPORT
GAS VISCOSITY
GAS-GAS INTERACTIONS
GAS-ION INTERACTIONS
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
MIXING RATIOS
MOLECULAR DIFFUSION
POLLUTION TRANSPORT
THERMAL DIFFUSION

GASEOUS FISSION REACTORS

GS NUCLEAR REACTORS
... **GASEOUS FISSION REACTORS**
RT FISSIONABLE MATERIALS
FISSIONABLE MATERIALS
... GAS REACTORS
NUCLEAR LIGHTBULB ENGINES
NUCLEAR PROPULSION
PLASMA PROPULSION

GASEOUS FUELS

GS FUELS
... **GASEOUS FUELS**
... NATURAL GAS
GASES
... FLAMMABLE GASES
... **GASEOUS FUELS**
RT LIGNITE
LIQUID FUELS

GASEOUS ROCKET PROPELLANTS

GS PROPELLANTS
... ROCKET PROPELLANTS
... **GASEOUS ROCKET PROPELLANTS**
RT CRYOGENIC ROCKET PROPELLANTS
ENDOTHERMIC FUELS
GAS MIXTURES
HIGH ENERGY PROPELLANTS
HYBRID PROPELLANTS
HYDROGEN FUELS
LIQUID ROCKET PROPELLANTS
MAN OPERATED PROPULSION SYSTEMS
MONOPROPELLANTS
STORABLE PROPELLANTS

GASEOUS SELF-DIFFUSION

GS DIFFUSION
... GASEOUS DIFFUSION
... **GASEOUS SELF-DIFFUSION**
TRANSPORT PROPERTIES
... GASEOUS DIFFUSION
... **GASEOUS SELF-DIFFUSION**
RT ELECTRON DIFFUSION
GAS DYNAMICS
KINETIC THEORY
MOLECULAR DIFFUSION
PARTICLE DIFFUSION
PLASMA DIFFUSION

GASES

GS **GASES**
... AMMONIA
... LIQUID AMMONIA
... CARBON DIOXIDE
... CARBON MONOXIDE
... CARBON SUBOXIDES
... COLD GAS
... COMPRESSED GAS
... HIGH PRESSURE OXYGEN
... DISSOLVED GASES
... EXHAUST GASES
... FLUE GASES
... FLAMMABLE GASES
... GASEOUS FUELS
... LIQUEFIED NATURAL GAS
... PYROGEN
... GAS MIXTURES
... AIR
... ALVEOLAR AIR
... COMPRESSED AIR
... EXPIRED AIR
... HIGH TEMPERATURE AIR
... LIQUID AIR
... DETONABLE GAS MIXTURES
... GAS STREAMS
... GRAY GAS
... HIGH TEMPERATURE GASES
... HIGH TEMPERATURE AIR
... HYDROGEN
... HYDROGEN ISOTOPES
... DEUTERIUM
... HYDROGEN 4
... METALLIC HYDROGEN

GASES--(cont.)

... TRITIUM
 ... LIQUID HYDROGEN
 IDEAL GAS
 IONIZED GASES
 ... LORENTZ GAS
 LIQUEFIED GASES
 ... LIQUEFIED NATURAL GAS
 ... LIQUID AIR
 ... LIQUID AMMONIA
 ... LIQUID FLUORINE
 ... LIQUID HELIUM
 ... LIQUID HELIUM 2
 ... LIQUID HYDROGEN
 ... LIQUID NEON
 ... LIQUID NITROGEN
 ... LIQUID OXYGEN
 MOLECULAR GASES
 ... POLAR GASES
 ... POLYATOMIC GASES
 ... DIATOMIC GASES
 MONATOMIC GASES
 NEUTRAL GASES
 NITROGEN
 ... LIQUID NITROGEN
 ... NITROGEN ISOTOPES
 ... NITROGEN 15
 ... NITROGEN 16
 ... SOLID NITROGEN
 NONCONDENSABLE GASES
 NONGRAY GAS
 NONPOLAR GASES
 ORTHO HYDROGEN
 OXYGEN
 ... LIQUID OXYGEN
 ... OXYGEN ISOTOPES
 ... OXYGEN 17
 ... OXYGEN 18
 OZONE
 PARA HYDROGEN
 PHOSGENE
 RARE GASES
 ... ARGON
 ... ARGON ISOTOPES
 ... HELIUM
 ... HELIUM ISOTOPES
 ... LIQUID HELIUM
 ... LIQUID HELIUM 2
 ... KRYPTON
 ... KRYPTON ISOTOPES
 ... KRYPTON 85
 ... NEON
 ... LIQUID NEON
 ... NEON ISOTOPES
 ... RADON
 ... RADON ISOTOPES
 ... XENON
 ... XENON ISOTOPES
 ... XENON 129
 ... XENON 133
 ... XENON 135
 RAREFIED GASES
 ... COSMIC GASES
 ... INTERPLANETARY GAS
 ... INTERSTELLAR GAS
 RAREFIED PLASMAS
 REAL GASES
 RESIDUAL GAS
 SOLIDIFIED GASES
 ... SOLID CRYOGENS
 ... SOLID NITROGEN
 ... SULFUR HEXAFLUORIDE
 RT ∞ ATMOSPHERES
 COAL GASIFICATION
 ∞ FLUIDS
 FUELS
 FUMES
 GAS DYNAMICS
 GAS FLOW
 GAS RECOVERY
 HYDROGEN CLOUDS
 METAL-GAS SYSTEMS
 NONPOINT SOURCES
 ODORS
 PLASMAS (PHYSICS)
 PNEUMATICS
 PREVAPORIZATION
 REACTION PRODUCTS
 VAPOR PHASES
 VAPORS
 GASIFICATION
 GS GASIFICATION
 ... COAL GASIFICATION
 ... HYDROLYSIS
 RT SYNTHANE

GASIFICATION--(cont.)
VAPORIZING**GASKETS**

GS SEALS (STOPPERS)
 ... GASKETS
 RT LABYRINTH SEALS
 O RING SEALS
 PUMP SEALS

GASOHOL (FUEL)

GS FUELS
 ... CHEMICAL FUELS
 ... SYNTHETIC FUELS
 ... GASOHOL (FUEL)
 RT ALCOHOLS
 GASOLINE

GASOLINE

GS FUELS
 ... CHEMICAL FUELS
 ... HYDROCARBON FUELS
 ... GASOLINE
 ... LIQUID FUELS
 ... GASOLINE
 PRODUCTS
 ... PETROLEUM PRODUCTS
 ... GASOLINE
 RT ANTIKNOCK ADDITIVES
 AUTOMOBILE FUELS
 DIESEL FUELS
 GASOHOL (FUEL)
 JET ENGINE FUELS
 KEROGEN
 KEROSENE
 OCTANE NUMBER
 SHALE OIL
 SOLVENT REFINED COAL

GASP

USE GLOBAL AIR SAMPLING PROGRAM

GASTROINTESTINAL SYSTEM

GS ANATOMY
 ... DIGESTIVE SYSTEM
 ... GASTROINTESTINAL SYSTEM
 ... APPENDIX (ANATOMY)
 ... INTESTINES
 ... RECTUM
 ... STOMACH
 RT ABDOMEN
 COLIC
 GALL
 GLANDS (ANATOMY)
 LIVER
 ORGANS
 PANCREAS
 ∞ SYSTEMS

GATE (EXPERIMENT)

USE GARP ATLANTIC TROPICAL EXPERIMENT

∞ GATES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CLOSURES
 GATES (CIRCUITS)
 GATES (OPENINGS)

GATES (CIRCUITS)

UF OR-GATES
 GS CIRCUITS
 ... GATES (CIRCUITS)
 ... THRESHOLD GATES
 RT COINCIDENCE CIRCUITS
 ∞ GATES
 LOGIC CIRCUITS
 LOGICAL ELEMENTS
 SWITCHING CIRCUITS
 THRESHOLD LOGIC
 TRIGGER CIRCUITS

GATES (OPENINGS)

RT APERTURES
 ∞ BARRIERS
 CANALS
 DOORS
 FENCES (BARRIERS)
 ∞ GATES
 HATCHES
 HYDRAULIC EQUIPMENT
 OPENINGS
 OUTLETS

GATES (OPENINGS)--(cont.)

SAFETY DEVICES
 VENTS
 WALLS

GAUGE INVARIANCE

GS INVARIANCE
 ... GAUGE INVARIANCE
 RT ELECTROMAGNETIC RADIATION
 SUPERGRAVITY
 TRANSFORMATIONS (MATHEMATICS)

GAUGE THEORY

RT GRAVITATION THEORY
 STRING THEORY
 SUPERGRAVITY
 SUPERSYMMETRY
 ∞ THEORIES
 YANG-MILLS FIELDS
 YANG-MILLS THEORY

GAUSS EQUATION

UF GAUSS FUNCTION
 GS ANALYSIS (MATHEMATICS)
 ... REAL VARIABLES
 ... DIFFERENTIAL EQUATIONS
 ... PARTIAL DIFFERENTIAL EQUATIONS
 ... GAUSS EQUATION
 RT ∞ EQUATIONS
 MAXWELL EQUATION

GAUSS FUNCTION

USE GAUSS EQUATION

GAUSS-MARKOV THEOREM

GS THEOREMS
 ... GAUSS-MARKOV THEOREM
 RT LEAST SQUARES METHOD
 STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)

GAUSSIAN DISTRIBUTIONS

USE NORMAL DENSITY FUNCTIONS

GAUSSIAN ELIMINATION

RT ELIMINATION
 LINEAR EQUATIONS
 MATRICES (MATHEMATICS)
 SUBTRACTION

GAUSSIAN NOISE

USE RANDOM NOISE

GAUSSMETERS

USE MAGNETOMETERS

GAUZE

GS FABRICS
 ... GAUZE
 RT CASTS

GAW-1 AIRFOIL

UF GENERAL AVIATION WHITCOMB AIRFOIL
 GS AIRFOILS
 ... WINGS
 ... GAW-1 AIRFOIL
 RT ATLIT PROJECT
 PA-34 SENECA AIRCRAFT
 WING PROFILES

GAW-2 AIRFOIL

UF GENERAL AVIATION WHITCOMB AIRFOIL
 GS AIRFOILS
 ... WINGS
 ... GAW-2 AIRFOIL
 RT BODY-WING CONFIGURATIONS
 FLAPS (CONTROL SURFACES)
 GENERAL AVIATION AIRCRAFT
 WING PROFILES

GC-130 AIRCRAFT

USE C-130 AIRCRAFT

GCR (REACTORS)

USE GAS COOLED REACTORS

GDOP

USE GEOMETRIC DILUTION OF PRECISION

GE COMPUTERS

UF GENERAL ELECTRIC COMPUTERS
 GS DATA PROCESSING EQUIPMENT
 ... COMPUTERS

GE COMPUTERS--(cont.)

... DIGITAL COMPUTERS
 ... **GE COMPUTERS**
 ... GE 625 COMPUTER
 ... GE 635 COMPUTER

GE 625 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . DIGITAL COMPUTERS
 . GE COMPUTERS
 ... **GE 625 COMPUTER**

GE 635 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . DIGITAL COMPUTERS
 . GE COMPUTERS
 ... **GE 635 COMPUTER**

GEAR

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARRESTING GEAR
 GEARS
 LANDING GEAR
 MECHANICAL DRIVES

GEAR TEETH

RT GEARS
 MECHANICAL DRIVES

GEARS

GS **GEARS**
 . RACKS (GEARS)
 RT COUNTER-ROTATING WHEELS
 ∞ GEAR
 GEAR TEETH
 IDLERS
 LUBRICATION
 MECHANICAL DRIVES
 TRANSMISSIONS (MACHINE ELEMENTS)
 WHEELS
 WINDMILLS (WINDPOWERED MACHINES)

GEGENSCHIEIN

GS ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . **GEGENSCHIEIN**
 EXTRATERRESTRIAL RADIATION
 . **GEGENSCHIEIN**
 RT NIGHT SKY
 POLARIZED LIGHT
 SKY BRIGHTNESS
 SOLAR RADIATION
 TERRESTRIAL DUST BELT
 ZODIACAL LIGHT

GEHLENITE

UF VELARDENITE
 GS ALUMINUM COMPOUNDS
 . ALUMINUM SILICATES
 . **GEHLENITE**
 CALCIUM COMPOUNDS
 . CALCIUM SILICATES
 . **GEHLENITE**
 MINERALS
 . **GEHLENITE**
 SILICON COMPOUNDS
 . SILICATES
 . ALUMINUM SILICATES
 . **GEHLENITE**
 . CALCIUM SILICATES
 . **GEHLENITE**
 RT ALUMINUM OXIDES

GEIGER COUNTERS

UF GEIGER-MUELLER TUBES
 GS IONIZATION CHAMBERS
 . **GEIGER COUNTERS**
 MEASURING INSTRUMENTS
 . COUNTERS
 . RADIATION COUNTERS
 . **GEIGER COUNTERS**
 . RADIATION MEASURING INSTRUMENTS
 . RADIATION COUNTERS
 . **GEIGER COUNTERS**
 RT DOSIMETERS
 NEUTRON COUNTERS
 OVERVOLTAGE
 PARTICLE TELESCOPES
 PROPORTIONAL COUNTERS
 RADIATION DETECTORS

GEIGER-MUELLER TUBES

USE GEIGER COUNTERS

GEL PERMEATION CHROMATOGRAPHY

USE LIQUID CHROMATOGRAPHY

GELATINS

RT COLLAGENS
 ∞ FOOD
 GELS
 NONNEWTONIAN FLUIDS

GELATION

RT COAGULATION
 COLLOIDING
 GELS
 SOLIDIFICATION
 THIXOTROPY

GELLED PROPELLANTS

GS PROPELLANTS
 . **GELLED PROPELLANTS**
 . GELLED ROCKET PROPELLANTS
 RT CHEMICAL FUELS
 COLLOIDAL PROPELLANTS
 HIGH TEMPERATURE PROPELLANTS
 HYDROGEN FUELS
 METAL FUELS
 METAL PROPELLANTS
 PLASTIC PROPELLANTS
 PROPELLANT ADDITIVES
 SOLID PROPELLANTS

GELLED ROCKET PROPELLANTS

UF THIXOTROPIC PROPELLANTS
 GS PROPELLANTS
 . GELLED PROPELLANTS
 . **GELLED ROCKET PROPELLANTS**
 . ROCKET PROPELLANTS
 . LIQUID ROCKET PROPELLANTS
 . **GELLED ROCKET PROPELLANTS**
 RT CHEMICAL FUELS
 CRYOGENIC ROCKET PROPELLANTS
 GELS
 HIGH TEMPERATURE PROPELLANTS
 HYBRID PROPELLANTS
 HYPERGOLIC ROCKET PROPELLANTS
 METAL PROPELLANTS
 MONOPROPELLANTS
 SLURRY PROPELLANTS
 SOLID ROCKET PROPELLANTS
 STORABLE PROPELLANTS

GELS

GS **GELS**
 . DOUBLE BASE ROCKET PROPELLANTS
 . SILICA GEL
 RT AEROGELS
 COLLOIDS
 DOPES
 GELATINS
 GELATION
 GELLED ROCKET PROPELLANTS
 NONNEWTONIAN FLUIDS
 SLURRIES
 THICKENERS (MATERIALS)
 THIXOTROPY

GEMINI (GT-1) SPACECRAFT

GS MANNED SPACECRAFT
 . GEMINI SPACECRAFT
 . **GEMINI (GT-1) SPACECRAFT**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . GEMINI SPACECRAFT
 . **GEMINI (GT-1) SPACECRAFT**
 SOFT LANDING SPACECRAFT
 . GEMINI SPACECRAFT
 . **GEMINI (GT-1) SPACECRAFT**
 RT MANNED SPACE FLIGHT

GEMINI B SPACECRAFT

GS MANNED SPACECRAFT
 . **GEMINI B SPACECRAFT**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . **GEMINI B SPACECRAFT**
 SOFT LANDING SPACECRAFT
 . **GEMINI B SPACECRAFT**
 RT MANNED SPACE FLIGHT

GEMINI FLIGHTS

GS SPACE FLIGHT
 MANNED SPACE FLIGHT

GEMINI FLIGHTS--(cont.)

... **GEMINI FLIGHTS**
 ... GEMINI 3 FLIGHT
 ... GEMINI 4 FLIGHT
 ... GEMINI 5 FLIGHT
 ... GEMINI 6 FLIGHT
 ... GEMINI 7 FLIGHT
 ... GEMINI 8 FLIGHT
 ... GEMINI 9 FLIGHT
 ... GEMINI 10 FLIGHT
 ... GEMINI 11 FLIGHT
 ... GEMINI 12 FLIGHT

GEMINI PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . **GEMINI PROJECT**
 . PROJECTS
 . **GEMINI PROJECT**
 . SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . **GEMINI PROJECT**
 RT AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
 INTEGRATED MISSION CONTROL
 CENTER
 MERCURY PROJECT
 TITAN PROJECT

GEMINI SPACECRAFT

GS MANNED SPACECRAFT
 . **GEMINI SPACECRAFT**
 . GEMINI (GT-1) SPACECRAFT
 . GEMINI 2 SPACECRAFT
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . **GEMINI SPACECRAFT**
 . GEMINI (GT-1) SPACECRAFT
 . GEMINI 2 SPACECRAFT
 SOFT LANDING SPACECRAFT
 . **GEMINI SPACECRAFT**
 . GEMINI (GT-1) SPACECRAFT
 . GEMINI 2 SPACECRAFT
 RT MANNED SPACE FLIGHT
 SPACE CAPSULES
 TITAN PROJECT

GEMINI 2 SPACECRAFT

GS MANNED SPACECRAFT
 . GEMINI SPACECRAFT
 . **GEMINI 2 SPACECRAFT**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . GEMINI SPACECRAFT
 . **GEMINI 2 SPACECRAFT**
 SOFT LANDING SPACECRAFT
 . GEMINI SPACECRAFT
 . **GEMINI 2 SPACECRAFT**
 RT MANNED SPACE FLIGHT

GEMINI 3 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . GEMINI FLIGHTS
 . **GEMINI 3 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINI 4 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . GEMINI FLIGHTS
 . **GEMINI 4 FLIGHT**

GEMINI 5 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . GEMINI FLIGHTS
 . **GEMINI 5 FLIGHT**

GEMINI 6 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . GEMINI FLIGHTS
 . **GEMINI 6 FLIGHT**

GEMINI 7 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . GEMINI FLIGHTS
 . **GEMINI 7 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINI 8 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . GEMINI FLIGHTS
 . . . **GEMINI 8 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINI 9 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . GEMINI FLIGHTS
 . . . **GEMINI 9 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINI 10 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . GEMINI FLIGHTS
 . . . **GEMINI 10 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINI 11 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . GEMINI FLIGHTS
 . . . **GEMINI 11 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINI 12 FLIGHT

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . GEMINI FLIGHTS
 . . . **GEMINI 12 FLIGHT**
 RT TITAN LAUNCH VEHICLES

GEMINID METEORIODS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . **GEMINID METEORIODS**
 . . METEORIODS
 . . **GEMINID METEORIODS**

GENE EXPRESSION

UF GENE REGULATION
 RT BIOLOGICAL EVOLUTION
 CHROMOSOMES
 DEOXYRIBONUCLEIC ACID
 EVOLUTION (DEVELOPMENT)
 GENES
 GENETICS
 MOLECULAR BIOLOGY
 RIBONUCLEIC ACIDS

GENE REGULATION

USE GENE EXPRESSION

GENERAL AVIATION AIRCRAFT

UF EXECUTIVE AIRCRAFT
 PRIVATE AIRCRAFT
 GS **GENERAL AVIATION AIRCRAFT**
 . AGRICULTURAL AIRCRAFT
 . BEECHCRAFT 18 AIRCRAFT
 . C-33 AIRCRAFT
 . C-35 AIRCRAFT
 . CESSNA 172 AIRCRAFT
 . CESSNA 205 AIRCRAFT
 . CESSNA 210 AIRCRAFT
 . CESSNA 402B AIRCRAFT
 . CL-600 CHALLENGER AIRCRAFT
 . DH 125 AIRCRAFT
 . DHC 2 AIRCRAFT
 . DO-27 AIRCRAFT
 . DO-28 AIRCRAFT
 . G-1 AIRCRAFT
 . HC-3 HELICOPTER
 . YAK 40 AIRCRAFT
 RT ∞ AERONAUTICS
 AIR TRANSPORTATION
 ∞ AIRCRAFT
 CIVIL AVIATION
 COMMERCIAL AIRCRAFT
 COMMUTER AIRCRAFT
 GAW-2 AIRFOIL
 HELICOPTERS
 JET AIRCRAFT
 LIGHT AIRCRAFT
 ∞ LOW WING AIRCRAFT
 PASSENGER AIRCRAFT
 PIPER AIRCRAFT
 SINGLE ENGINE AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 TURBOPROP AIRCRAFT
 UTILITY AIRCRAFT

GENERAL AVIATION WHITCOMB AIRFOIL

USE GAW-1 AIRFOIL
 GAW-2 AIRFOIL

GENERAL CIRCULATION MODELS (ATMOSPHERIC)

USE ATMOSPHERIC GENERAL CIRCULATION MODELS

GENERAL DYNAMICS AIRCRAFT

UF CONVAIR MILITARY AIRCRAFT
 GS **GENERAL DYNAMICS AIRCRAFT**
 . B-58 AIRCRAFT
 . C-131 AIRCRAFT
 . CL-41 AIRCRAFT
 . CL-44 AIRCRAFT
 . CL-84 AIRCRAFT
 . CV-340 AIRCRAFT
 . CV-440 AIRCRAFT
 . CV-880 AIRCRAFT
 . CV-990 AIRCRAFT
 . F-102 AIRCRAFT
 . F-106 AIRCRAFT
 . F-111 AIRCRAFT
 RT ∞ AIRCRAFT
 CANADAIR AIRCRAFT
 PA-34 SENECA AIRCRAFT

GENERAL ELECTRIC COMPUTERS

USE GE COMPUTERS

GENERAL OVERVIEWS

RT BIBLIOGRAPHIES
 RECOMMENDATIONS
 SURVEYS
 TECHNOLOGY UTILIZATION

GENERALIZATION (PSYCHOLOGY)

RT TRANSFER OF TRAINING

∞ GENERATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COGENERATION
 HEAT GENERATION
 INITIATION
 REGENERATION (ENGINEERING)

∞ GENERATORS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AC GENERATORS
 ARC GENERATORS
 BOILERS
 CAVITY VAPOR GENERATORS
 COLLOIDAL GENERATORS
 DC GENERATORS
 DECOMMUTATORS
 DIRECT POWER GENERATORS
 DUOCHROMATORS
 ELECTRIC GENERATORS
 ELECTROSTATIC GENERATORS
 ENERGY CONVERSION EFFICIENCY
 FUNCTION GENERATORS
 GAS GENERATORS
 HALL GENERATORS
 HARMONIC GENERATORS
 HOMOPOLAR GENERATORS
 IMPULSE GENERATORS
 LINEAR ALTERNATORS
 MAGNETOHYDRODYNAMIC GENERATORS
 MOTORS
 NOISE GENERATORS
 PHOTOELECTRIC GENERATORS
 PLASMA GENERATORS
 PULSE GENERATORS
 RADIATION SOURCES
 REPORT GENERATORS
 ROTATING GENERATORS
 SHOCK WAVE GENERATORS
 SIGNAL GENERATORS
 SOLAR SEA POWER PLANTS
 SOUND GENERATORS
 STATORS
 STIMULATED EMISSION DEVICES
 SUBHARMONIC GENERATORS
 TEST PATTERN GENERATORS
 THERMOELECTRIC GENERATORS
 TIDE POWERED GENERATORS
 TURBOGENERATORS
 VAPORIZERS
 VOLTAGE GENERATORS
 VORTEX GENERATORS

GENERATORS--(cont.)

WAVE GENERATION
 WINDPOWERED GENERATORS

GENES

RT CHROMOSOMES
 DEOXYRIBONUCLEIC ACID
 GENE EXPRESSION
 GENETIC CODE
 GENETIC ENGINEERING
 GENETICS
 MOLECULAR BIOLOGY
 MUTATIONS
 RIBONUCLEIC ACIDS

GENETIC ALGORITHMS

GS MATHEMATICAL LOGIC
 . ALGORITHMS
 . . **GENETIC ALGORITHMS**
 OPTIMIZATION
 . **GENETIC ALGORITHMS**
 RT CONTROL SYSTEMS DESIGN
 NEURAL NETS
 OPTIMAL CONTROL
 PARAMETER IDENTIFICATION
 TRAJECTORY OPTIMIZATION

GENETIC CODE

RT CHROMOSOMES
 GENES
 GENETICS

GENETIC ENGINEERING

UF HYBRIDS (BIOLOGY)
 RT BIOCHEMISTRY
 BIOENGINEERING
 ∞ BIOLOGY
 BIOSYNTHESIS
 GENES
 GENETICS

GENETICS

RT BIOLOGICAL EVOLUTION
 ∞ BIOLOGY
 BREEDING (REPRODUCTION)
 CHROMOSOMES
 CONGENITAL ANOMALIES
 CYTOGENESIS
 DOMINANCE
 EVOLUTION (DEVELOPMENT)
 GENE EXPRESSION
 GENES
 GENETIC CODE
 GENETIC ENGINEERING
 MUTAGENS
 MUTATIONS
 NEUROSPORA
 NUCLEI (CYTOLOGY)
 NUCLEOGENESIS
 SPECIES DIFFUSION

GENIE ROCKET VEHICLE

UF MB-1 ROCKET VEHICLE
 GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . **GENIE ROCKET VEHICLE**
 RT ASTROBEE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

GENITOURINARY SYSTEM

GS ANATOMY
 . **GENITOURINARY SYSTEM**
 . . BLADDER
 . . KIDNEYS
 . . . GLOMERULUS
 . . . REPRODUCTIVE SYSTEMS
 . . . SEX GLANDS
 . . . GONADS
 OVARIES
 TESTES
 PROSTATE GLAND
 . . . UTERUS
 RT GYNECOLOGY
 ORGANS
 ∞ SYSTEMS
 UROLOGY

GEO ENVIRONMENTS

USE EARTH ORBITAL ENVIRONMENTS

GEOASTROPHYSICS

USE ASTROPHYSICS

GEOBOTANY

GS BOTANY
 . **GEOBOTANY**
 RT BIOGEOCHEMISTRY
 PLANTS (BOTANY)
 RAIN FORESTS
 TREES (PLANTS)

GEOCENTRIC COORDINATES

GS COORDINATES
 . PLANETOCENTRIC COORDINATES
 . **GEOCENTRIC COORDINATES**
 RT ASTRONOMICAL COORDINATES
 CELESTIAL REFERENCE SYSTEMS
 INERTIAL COORDINATES
 PLANET EPHEMERIDES
 SPHERICAL COORDINATES

GEOCHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
 . **GEOCHEMISTRY**
 . . BIOGEOCHEMISTRY
 RT ABUNDANCE
 . CHEMISTRY
 COSMOCHEMISTRY
 EARTH SCIENCES
 GEOCHRONOLOGY
 GEOLOGY
 GEOPHYSICS
 HYDROLOGY
 LIMNOLOGY
 MARINE CHEMISTRY
 MINERALOGY
 PALEOBIOLOGY
 PALEONTOLOGY
 PETROLOGY
 RADIOACTIVITY

GEOCHRONOLOGY

GS CHRONOLOGY
 . **GEOCHRONOLOGY**
 GEOLOGY
 . **GEOCHRONOLOGY**
 RT CAMBRIAN PERIOD
 CENOZOIC ERA
 CRETACEOUS PERIOD
 CRETACEOUS-TERTIARY BOUNDARY
 DENDROCHRONOLOGY
 GEOCHEMISTRY
 GEOPHYSICS
 MESOZOIC ERA
 PALEOBIOLOGY
 PALEONTOLOGY
 PALEOZOIC ERA
 PARTICLE TRACKS
 RADIOACTIVE AGE DETERMINATION
 STRATIGRAPHY
 TERTIARY PERIOD

GEOCORONAL EMISSIONS

GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . . AIRGLOW
 . . . **GEOCORONAL EMISSIONS**
 ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . . SKY RADIATION
 . . . AIRGLOW
 **GEOCORONAL EMISSIONS**

GEOCYCLOTRONS

GS PARTICLE ACCELERATORS
 . CYCLOTRONS
 . . **GEOCYCLOTRONS**
 RT . ACCELERATORS
 ELEMENTARY PARTICLES

GEODESIC LINES

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . LINES (GEOMETRY)
 . . . **GEODESIC LINES**
 RT CHORDS (GEOMETRY)
 CURVES (GEOMETRY)

GEODESY

UF EARTH FIGURE
 EARTH SHAPE
 IZSAK ELLIPSOID
 GS **GEODESY**
 . CELESTIAL GEODESY
 RT ALTIMETRY
 EARTH (PLANET)
 EARTH AXIS
 GEODETIC ACCURACY

GEODESY--(cont.)

GEODETIC SURVEYS
 GEODES
 GEOLOGY
 GEOPHYSICS
 GRAVIMETERS
 LUNAR RETROREFLECTORS
 OBLATE SPHEROIDS
 OGO-4
 OGO-5
 PERTURBATION
 PHOTOMAPPING
 POLAR WANDERING (GEOLOGY)
 SATELLITE ALTIMETRY
 SATELLITE DOPPLER POSITIONING
 TOPOGRAPHY
 VINTI THEORY

GEODETIC ACCURACY

GS ACCURACY
 . **GEODETIC ACCURACY**
 RT EARTH SURFACE
 GEODESY
 GEODES
 GEOPOTENTIAL HEIGHT
 SATELLITE DOPPLER POSITIONING

GEODETIC COORDINATES

GS COORDINATES
 . **GEODETIC COORDINATES**
 RT INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT
 LATITUDE
 LONGITUDE
 SATELLITE DOPPLER POSITIONING

GEODETIC SATELLITES

GS ARTIFICIAL SATELLITES
 . **GEODETIC SATELLITES**
 . . ANNA SATELLITES
 . . EXPLORER 29 SATELLITE
 . . EXPLORER 36 SATELLITE
 . . GEOL SATELLITES
 . . GEOS 1 SATELLITE
 . . GEOS 2 SATELLITE
 . . GEOS 3 SATELLITE
 . . GEOSAT SATELLITES
 . . LARGOS SATELLITE
 . . PAGEOS SATELLITE
 . . VANGUARD 1 SATELLITE
 RT ACTIVE SATELLITES
 CELESTIAL GEODESY
 NAVIGATION SATELLITES
 NAVSTAR SATELLITES
 PASSIVE SATELLITES
 SATELLITE ALTIMETRY
 SATELLITE DOPPLER POSITIONING
 VANGUARD SATELLITES

GEODETIC SURVEYS

GS SURVEYS
 . **GEODETIC SURVEYS**
 RT GEODESY
 GEOLOGICAL SURVEYS
 PHOENIX QUADRANGLE (AZ)
 SATELLITE DOPPLER POSITIONING
 TOPOGRAPHY

GEODIMETERS

GS MEASURING INSTRUMENTS
 . DISTANCE MEASURING EQUIPMENT
 . . **GEODIMETERS**
 . . OPTICAL MEASURING INSTRUMENTS
 . . **GEODIMETERS**
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **GEODIMETERS**
 RT OPTICAL MEASUREMENT
 RANGE FINDERS
 TELLUROMETERS

GEODYNAMIC EXPERIMENTAL OCEAN SATELLITE

USE GEOS-D SATELLITE

GEODYNAMICS

UF CRUSTAL DYNAMICS
 RT CHANDLER WOBBLE
 CRUSTAL FRACTURES
 . DYNAMICS
 . . EARTH MOVEMENTS
 . . EARTH SCIENCES
 . . GEOMORPHOLOGY
 . . GEOPHYSICS
 . . PLANETARY QUAKES
 . . SHOCK WAVES

GEODYNAMICS--(cont.)

TERRADYNAMICS

GEOELECTRICITY

GS ELECTRICITY
 . **GEOELECTRICITY**
 . . TELLURIC CURRENTS
 RT EARTH (PLANET)
 FIELD ALIGNED CURRENTS
 GEOPHYSICS
 GEOPOTENTIAL

GEOFABRICS

USE GEOTECHNICAL FABRICS

GEOFRACTURES

USE GEOLOGICAL FAULTS

GEOGRAPHIC APPLICATIONS PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . **GEOGRAPHIC APPLICATIONS PROGRAM**
 RT EARTH RESOURCES
 EARTH RESOURCES PROGRAM
 GEOGRAPHY
 MAPPING
 NASA PROGRAMS
 REMOTE SENSORS
 SATELLITE-BORNE PHOTOGRAPHY
 SOIL MAPPING
 TERRAIN ANALYSIS

GEOGRAPHIC INFORMATION SYSTEMS

GS INFORMATION SYSTEMS
 . **GEOGRAPHIC INFORMATION SYSTEMS**
 RT AERIAL PHOTOGRAPHY
 DATA SYSTEMS
 GEOGRAPHY
 IMAGERY
 INFRARED PHOTOGRAPHY
 REMOTE SENSING

GEOGRAPHY

GS **GEOGRAPHY**
 . HYPSOGRAPHY
 . OROGRAPHY
 RT ARCTIC REGIONS
 CADASTRAL MAPPING
 CLIMATOLOGY
 CONTINENTS
 EARTH (PLANET)
 EASTERN HEMISPHERE
 ECONOMIC DEVELOPMENT
 ESTUARIES
 GEOGRAPHIC APPLICATIONS PROGRAM
 GEOGRAPHIC INFORMATION SYSTEMS
 GEOMORPHOLOGY
 HEAT CAPACITY MAPPING MISSION
 MAPPING
 MAPS
 OCEANOGRAPHY
 OCEANS
 PLAINS
 POLAR REGIONS
 SELENOGRAPHY
 TEMPERATE REGIONS
 TROPICAL REGIONS
 TUNDRA
 WESTERN HEMISPHERE

GEOIDS

RT ALTIMETRY
 GEODESY
 GEODETIC ACCURACY
 GEOMETRY
 GEOPHYSICS
 OBLATE SPHEROIDS
 SATELLITE ALTIMETRY
 SHAPES
 SPHEROIDS
 SYMMETRICAL BODIES

GEOL SATELLITES

GS ARTIFICIAL SATELLITES
 . FRENCH SATELLITES
 . . **GEOL SATELLITES**
 . . GEODETIC SATELLITES
 . . **GEOL SATELLITES**
 . . METEOROLOGICAL SATELLITES
 . . **GEOL SATELLITES**
 RT EO SATELLITES
 FRENCH SPACE PROGRAM

GEOLOGICAL FAULTS

- UF CLOSED FAULTS
- CROSS FAULTS
- ECHELON FAULTS
- GEOFRACTURES
- GRABENS
- RIFTS
- SPLITS (GEOLOGY)
- STEP FAULTS
- THRUST FAULTS
- GS **GEOLOGICAL FAULTS**
 - . AFRICAN RIFT SYSTEM
 - . SAN ANDREAS FAULT
- RT CREVASSES
- CRUSTAL FRACTURES
- EARTHQUAKE DAMAGE
- EARTHQUAKES
- ∞ FAULTS
- FISSURES (GEOLOGY)
- FOLDS (GEOLOGY)
- FORMATIONS
- INLIERS (LANDFORMS)
- LANDFORMS
- MASSIFS
- MID-OCEAN RIDGES
- PLATES (TECTONICS)
- ROUSE BELTS
- SAN ANDREAS FAULT EXPERIMENT
- SYNCLINES

GEOLOGICAL SURVEYS

- GS SURVEYS
- . **GEOLOGICAL SURVEYS**
- RT EXPLORATION
- GEODETIC SURVEYS
- GEOLOGY
- GEOPHYSICS
- PALEONTOLOGY
- PETROLOGY
- PHOTOGEOLOGY
- RADAR GEOLOGY

GEOLOGY

- GS **GEOLOGY**
 - . CONES (VOLCANOES)
 - . CROSSBEDDING (GEOLOGY)
 - . GEOCHRONOLOGY
 - . GEOMORPHOLOGY
 - . GLACIOLOGY
 - . HYDROGEOLOGY
 - . KETTLES (GEOLOGY)
 - . LITHOLOGY
 - . LUNAR GEOLOGY
 - . OROGRAPHY
 - . PETROLOGY
 - . . . PETROGRAPHY
 - . PHOTOGEOLOGY
 - . RADAR GEOLOGY
 - . STRUCTURAL PROPERTIES (GEOLOGY)
 - . SUBDUCTION (GEOLOGY)
 - . TECTONICS
 - . VOLCANOES
 - . . . MARS VOLCANOES
 - . VOLCANOLOGY
- RT BEDROCK
- BEDS (GEOLOGY)
- BOREHOLES
- BRIDGES (LANDFORMS)
- CANADIAN SHIELD
- CONTACTS (GEOLOGY)
- CONTINENTAL SHELVES
- DOMES (GEOLOGY)
- EARTH (PLANET)
- EARTH PLANETARY STRUCTURE
- EARTH SCIENCES
- EXPLOITATION
- EXPLOSION
- FIORDS
- FORMATIONS
- GAPS (GEOLOGY)
- GEOCHEMISTRY
- GEODESY
- GEOLOGICAL SURVEYS
- GEOPHYSICAL OBSERVATORIES
- GEOPHYSICS
- GEOPRESSURE
- GEOTEMPERATURE
- GRAVIMETRY
- GREAT BASIN (US)
- INLIERS (LANDFORMS)
- ISTHMUSES
- KREEP
- MASSIFS
- METEOROLOGY
- MINERAL DEPOSITS

GEOLOGY--(cont.)

- MINERALOGY
- MINERALS
- MORPHOLOGY
- OCEAN BOTTOM
- OCEANOGRAPHY
- OIL EXPLORATION
- OUTCROPS
- PALEOMAGNETISM
- PALEONTOLOGY
- PHOTOMAPPING
- ∞ PHYSICAL SCIENCES
- PRECAMBRIAN PERIOD
- REGOLITH
- ROCK MECHANICS
- ROCKS
- ∞ SCIENCE
- SEISMOLOGY
- SHATTER CONES
- SOILS
- STRATIGRAPHY
- STRUCTURAL BASINS

GEOMAGNETIC ANOMALIES

- USE MAGNETIC ANOMALIES

GEOMAGNETIC CROTCHETS

- USE SUDDEN IONOSPHERIC DISTURBANCES

GEOMAGNETIC EFFECTS

- USE MAGNETIC EFFECTS

GEOMAGNETIC EQUATOR

- USE MAGNETIC EQUATOR

GEOMAGNETIC FIELD

- USE GEOMAGNETISM

GEOMAGNETIC HOLLOW

- GS ANOMALIES
- . MAGNETIC ANOMALIES
- . . **GEOMAGNETIC HOLLOW**
- RT EARTH MAGNETOSPHERE
- MAGNETOHYDRODYNAMIC FLOW
- PLASMA CLOUDS

GEOMAGNETIC LATITUDE

- GS LATITUDE
- . **GEOMAGNETIC LATITUDE**
- RT COORDINATES
- GEOMAGNETISM
- POLAR CUSPS

GEOMAGNETIC MICROPULSATIONS

- GS PULSES
- . GEOMAGNETIC PULSATIONS
- . . **GEOMAGNETIC MICROPULSATIONS**
- . . . MICROPULSATIONS
- . . . **GEOMAGNETIC MICROPULSATIONS**
- VARIATIONS
- . MAGNETIC VARIATIONS
- . . GEOMAGNETIC PULSATIONS
- . . . **GEOMAGNETIC MICROPULSATIONS**
- RT NOCTURNAL VARIATIONS
- TELLURIC CURRENTS

GEOMAGNETIC PULSATIONS

- GS PULSES
- . **GEOMAGNETIC PULSATIONS**
- . . GEOMAGNETIC MICROPULSATIONS
- VARIATIONS
- . MAGNETIC VARIATIONS
- . . **GEOMAGNETIC PULSATIONS**
- . . . GEOMAGNETIC MICROPULSATIONS
- RT GEOMAGNETISM
- KP INDEX
- MAGNETOSPHERIC INSTABILITY
- NOCTURNAL VARIATIONS

GEOMAGNETIC STORMS

- USE MAGNETIC STORMS

GEOMAGNETIC TAIL

- SN (RESTRICTED TO THE EARTH
- MAGNETOTAIL)
- UF EARTH MAGNETOTAIL
- GS ENVIRONMENTS
- . EARTH MAGNETOSPHERE
- . . **GEOMAGNETIC TAIL**
- RT FIELD ALIGNED CURRENTS
- GEOMAGNETISM
- MAGNETIC FIELDS
- ∞ MAGNETOTAILS
- PLANETARY MAGNETIC FIELDS

GEOMAGNETIC TAIL--(cont.)

- PLANETARY MAGNETOTAILS
- POLAR CUSPS

GEOMAGNETICALLY TRAPPED PARTICLES

- USE RADIATION BELTS

GEOMAGNETISM

- UF GEOMAGNETIC FIELD
- TERRESTRIAL MAGNETISM
- GS MAGNETIC FIELDS
- . **GEOMAGNETISM**
- MAGNETIC PROPERTIES
- . **GEOMAGNETISM**
- RT AEROMAGNETISM
- BARIUM ION CLOUDS
- BIRKELAND CURRENTS
- CONTINENTAL DRIFT
- DYNAMO THEORY
- EARTH (PLANET)
- EARTH GRAVITATION
- EARTH MAGNETOSPHERE
- EARTH SCIENCES
- ELECTROJETS
- FIELD ALIGNED CURRENTS
- FIELD THEORY (PHYSICS)
- FLUX TRANSFER EVENTS
- GEOMAGNETIC LATITUDE
- GEOMAGNETIC PULSATIONS
- GEOMAGNETIC TAIL
- GEOPHYSICS
- ∞ INCLINATION
- INTERNATIONAL MAGNETOSPHERIC
- STUDY
- KP INDEX
- M REGION
- MAGNETIC ANOMALIES
- MAGNETIC DISTURBANCES
- MAGNETIC EFFECTS
- MAGNETIC EQUATOR
- MAGNETIC POLES
- MAGNETIC SURVEYS
- MAGNETOIONICS
- MAGNETOMETERS
- MAGNETOSHEATH
- MAGSAT A SATELLITE
- MAGSAT B SATELLITE
- MAGSAT SATELLITES
- MAGSAT 1 SATELLITE
- PALEOMAGNETISM
- PLANETARY MAGNETIC FIELDS
- POLAR CUSPS
- SPACE PLASMAS
- VARIOMETERS

GEOMETRIC ACCURACY

- GS ACCURACY
- . **GEOMETRIC ACCURACY**
- RT DISTORTION
- GEOMETRIC RECTIFICATION (IMAGERY)
- IMAGE PROCESSING
- IMAGE RESOLUTION

GEOMETRIC DILUTION OF PRECISION

- UF GDOP
- GS DILUTION
- . **GEOMETRIC DILUTION OF PRECISION**
- RT PRECISION

GEOMETRIC RECTIFICATION (IMAGERY)

- GS IMAGE PROCESSING
- . **GEOMETRIC RECTIFICATION**
- (IMAGERY)
- RECTIFICATION
- . **GEOMETRIC RECTIFICATION**
- (IMAGERY)
- RT ATMOSPHERIC CORRECTION
- GEOMETRIC ACCURACY
- IMAGE ENHANCEMENT
- IMAGERY

GEOMETRICAL ACOUSTICS

- UF RAY ACOUSTICS
- GS ACOUSTICS
- . **GEOMETRICAL ACOUSTICS**
- RT GEOMETRICAL THEORY OF
- DIFFRACTION
- GEOMETRY
- WAVE PROPAGATION

GEOMETRICAL HYDROMAGNETICS

- USE MAGNETOHYDRODYNAMICS

GEOMETRICAL OPTICS

- UF RAY OPTICS

GEOMETRICAL OPTICS--(cont.)

RT ACOUSTO-OPTICS
 ASPHERICITY
 ASTIGMATISM
 CASSEGRAIN OPTICS
 CRYSTAL OPTICS
 DIFFRACTION PROPAGATION
 EIKONAL EQUATION
 FIBER OPTICS
 FOCUSING
 GEOMETRICAL THEORY OF
 DIFFRACTION
 GRADIENT INDEX OPTICS
 LIGHT (VISIBLE RADIATION)
 LIGHT TRANSMISSION
 NONLINEAR OPTICS
 OPTICAL EQUIPMENT
 OPTICAL MEASUREMENT
 OPTICAL PATHS
 OPTICAL PROPERTIES
 OPTICAL REFLECTION
 ∞ OPTICS
 PHYSICAL OPTICS
 RAY TRACING
 SNELLS LAW
 UNDERWATER OPTICS

GEOMETRICAL THEORY OF DIFFRACTION

RT DIFFRACTION
 DIFFRACTION PATTERNS
 GEOMETRICAL ACOUSTICS
 GEOMETRICAL OPTICS
 RAY TRACING
 REFLECTANCE
 ∞ THEORIES
 WAVE DIFFRACTION

GEOMETRODYNAMICS

USE RELATIVITY

GEOMETRY

GS **GEOMETRY**
 . BOSE GEOMETRY
 . COMPUTATIONAL GEOMETRY
 . CRACK GEOMETRY
 . CURVATURE
 . CURVES (GEOMETRY)
 . CATENARIES
 . CYCLOIDS
 . EPICYCLOIDS
 . S CURVES
 . GOMPERTZ CURVES
 . CUSPS (MATHEMATICS)
 . DOUBLE CUSPS
 . DIFFERENTIAL GEOMETRY
 . LIE GROUPS
 . SPINOR GROUPS
 . RIEMANN MANIFOLD
 . TENSOR ANALYSIS
 . DUCT GEOMETRY
 . EUCLIDEAN GEOMETRY
 . ANALYTIC GEOMETRY
 . CATENARIES
 . CIRCUMFERENCES
 . CONICS
 . . . ELLIPSES
 . . . HYPERBOLAS
 . . . PARABOLAS
 . . . CYCLOIDS
 . . . EPICYCLOIDS
 . . . LOCI
 . . . MERCATOR PROJECTION
 . . . QUADRANTS
 . . . S CURVES
 . . . GOMPERTZ CURVES
 . . . SPHEROIDS
 . . . OBLATE SPHEROIDS
 . . . PROLATE SPHEROIDS
 . . . TANGENTS
 . . . TORUSES
 . . . TRIGONOMETRY
 . . . ANGLES (GEOMETRY)
 . . . ANGLE OF ATTACK
 . . . ZERO ANGLE OF ATTACK
 . . . BRAGG ANGLE
 . . . BREWSTER ANGLE
 . . . DIHEDRAL ANGLE
 . . . ELEVATION ANGLE
 . . . LOOK ANGLES (ELECTRONICS)
 . . . LOOK ANGLES (TRACKING)
 . . . SWEEP ANGLE
 . . . SWEEPBACK
 . . . LEADING EDGE SWEEP
 . . . CARTESIAN COORDINATES
 . . . CIRCLES (GEOMETRY)

GEOMETRY--(cont.)

. . . GREAT CIRCLES
 . . . DESCRIPTIVE GEOMETRY
 . . . LINES (GEOMETRY)
 . . . CHORDS (GEOMETRY)
 . . . GEODESIC LINES
 . . . POINTS (MATHEMATICS)
 . . . FIXED POINTS (MATHEMATICS)
 . . . INFLECTION POINTS
 . . . POLYGONS
 . . . HEXAGONS
 . . . TETRAGONS
 . . . PARALLELOGRAMS
 . . . RHOMBOIDS
 . . . RECTANGLES
 . . . SQUARES (MATHEMATICS)
 . . . TRAPEZIODS
 . . . TRIANGLES
 . . . POLYHEDRONS
 . . . CUBES (MATHEMATICS)
 . . . ICOSAHEDRONS
 . . . OCTAHEDRONS
 . . . PARALLELEPIPEDS
 . . . PYRAMIDS
 . . . RHOMBOHEDRONS
 . . . TETRAHEDRONS
 . . . PROJECTIVE GEOMETRY
 . . . MERCATOR PROJECTION
 . . . RADII
 . . . LARMOR RADIUS
 . . . FLOW GEOMETRY
 . . . FRACTALS
 . . . NOZZLE GEOMETRY
 . . . SPECIMEN GEOMETRY
 . . . TANK GEOMETRY
 . . . TOPOLOGY
 . . . FIXED POINTS (MATHEMATICS)
 . . . HOMOTOPY THEORY
 . . . IMBEDDINGS (MATHEMATICS)
 . . . INVARIANT IMBEDDINGS
 . . . LINKS (MATHEMATICS)
 . . . METRIC SPACE
 . . . VECTOR ANALYSIS
 . . . COLLINEARITY
 . . . COPLANARITY
 . . . CURL (VECTORS)
 . . . VORTICITY
 RT ANALYSIS (MATHEMATICS)
 AREA
 BODIES OF REVOLUTION
 COMPLEX NUMBERS
 CONGRUENCES
 COORDINATES
 ∞ CROSS SECTIONS
 CRYSTAL LATTICES
 DIAGRAMS
 DIAMETERS
 DIMENSIONS
 DISTANCE
 FOCI
 FRUSTUMS
 GEOIDS
 GEOMETRICAL ACOUSTICS
 HYPERGEOMETRIC FUNCTIONS
 HYPERSPHERES
 INFINITY
 ∞ MATHEMATICS
 ∞ MEASUREMENT
 PLANFORMS
 POINCARÉ SPHERES
 POSITION (LOCATION)
 ∞ PROFILES
 RECIPROCAL THEOREMS
 ∞ SCIENCE
 SHAPES
 SIDES
 SPHERES
 ∞ SURFACE GEOMETRY
 SURVEYS
 SYMMETRY
 TOROIDS
 UNIQUENESS THEOREM
 VENN DIAGRAMS
 VOLUME

GEOMORPHOLOGY

UF PHYSIOGRAPHY
 GS GEOLOGY
 . **GEOMORPHOLOGY**
 . MORPHOLOGY
 . **GEOMORPHOLOGY**
 . CONES (VOLCANOES)
 . CONTOURS
 . GEODYNAMICS
 . GEOGRAPHY
 . GLACIOLOGY
 RT

GEOMORPHOLOGY--(cont.)

ISOSTASY
 LUNAR GEOLOGY
 MOUNTAINS
 OROGRAPHY
 PHOTOGEOLOGY
 SHATTER CONES
 SLUMPING
 TERRAIN
 TOPOGRAPHY
 VOLCANOES
 VOLCANOLOGY

GEON (TRADEMARK)

USE POLYVINYL CHLORIDE

GEOPHYSICAL FLUID FLOW CELLS

GS PAYLOADS
 . SPACELAB PAYLOADS
 . **GEOPHYSICAL FLUID FLOW CELLS**
 RT AEROSPACE ENVIRONMENTS
 ∞ CELLS
 CONVECTIVE FLOW
 FLUID FLOW
 GAS FLOW
 INVESTIGATION
 JUPITER ATMOSPHERE
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 SPACEBORNE EXPERIMENTS
 SPACELAB
 ∞ TEST EQUIPMENT

GEOPHYSICAL FLUIDS

RT EARTH CORE
 FLUID DYNAMICS
 GEOTHERMAL RESOURCES
 GEOTHERMAL TECHNOLOGY

GEOPHYSICAL OBSERVATORIES

GS OBSERVATORIES
 . **GEOPHYSICAL OBSERVATORIES**
 . . . OGO
 . . . EGO
 . . . OGO-A
 . . . OGO-3
 . . . OGO-5
 . . . POGO
 . . . OGO-C
 . . . OGO-4
 . . . OGO-6
 . . . OSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 RT ASTRONOMICAL OBSERVATORIES
 GEOLOGY
 GEOPHYSICS

GEOPHYSICAL SATELLITES

GS ARTIFICIAL SATELLITES
 . **GEOPHYSICAL SATELLITES**
 . . . COSMOS SATELLITES
 . . . INTERCOSMOS SATELLITES
 . . . EXPLORER 6 SATELLITE
 . . . EXPLORER 10 SATELLITE
 . . . EXPLORER 12 SATELLITE
 . . . EXPLORER 45 SATELLITE
 . . . OGO
 . . . EGO
 . . . OGO-A
 . . . OGO-3
 . . . OGO-5
 . . . POGO
 . . . OGO-C
 . . . OGO-4
 . . . OGO-6
 . . . OSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 . . . RADIATION AND METEOROID
 SATELLITE

GEOPHYSICAL SATELLITES--(cont.)

RT SPUTNIK 3 SATELLITE
 . . VANGUARD 3 SATELLITE
 ARIEL SATELLITES
 COMMUNICATION SATELLITES
 EOLE SATELLITES
 METEOROLOGICAL SATELLITES
 PEOPLE SATELLITES
 SPACE LABORATORIES
 UNMANNED SPACECRAFT
 VANGUARD SATELLITES

GEOPHYSICS

RT AERONOMY
 ASTROPHYSICS
 CHANDLER WOBBLE
 CONTINENTAL DRIFT
 EARTH (PLANET)
 EARTH PLANETARY STRUCTURE
 EARTH SCIENCES
 FIELD ALIGNED CURRENTS
 FORMATIONS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 GEODESY
 GEODYNAMICS
 GEOELECTRICITY
 GEOIDS
 GEOLOGICAL SURVEYS
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICAL OBSERVATORIES
 GRAVIMETERS
 GRAVIMETRY
 HEAT TRANSMISSION
 HYDROGRAPHY
 HYDROLOGY
 INTERNATIONAL GEOPHYSICAL YEAR
 INTERNATIONAL
 GEOSPHERE-BIOSPHERE PROGRAM
 ISOSTASY
 LIMNOLOGY
 METEOROLOGY
 OCEANOGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ∞ PHYSICS
 PLATES (TECTONICS)
 POLAR CUSPS
 ∞ RADIATION
 RADIOACTIVITY
 ∞ SCIENCE
 SEISMOLOGY
 STRATIGRAPHY
 STRUCTURAL PROPERTIES (GEOLOGY)
 TECTONICS
 THEORETICAL PHYSICS
 TILTMETERS
 TOPOGRAPHY

GEOPOTENTIAL

GS **GEOPOTENTIAL**
 . GEOPOTENTIAL HEIGHT
 RT EARTH GRAVITATION
 GEOELECTRICITY
 GRAVITATIONAL FIELDS
 HEIGHT
 ∞ POTENTIAL
 POTENTIAL ENERGY

GEOPOTENTIAL HEIGHT

GS **GEOPOTENTIAL**
 . **GEOPOTENTIAL HEIGHT**
 POTENTIAL ENERGY
 . **GEOPOTENTIAL HEIGHT**
 RT ATMOSPHERIC PRESSURE
 EARTH ATMOSPHERE
 EARTH GRAVITATION
 GEODETIC ACCURACY
 GRAVITATIONAL FIELDS
 HEAD (FLUID MECHANICS)
 SCALE HEIGHT

GEOPOTENTIAL RESEARCH MISSION

UF GRAVSAT SATELLITES
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . **GEOPOTENTIAL RESEARCH MISSION**
 RT GRAVITATION
 GRAVITATIONAL FIELDS

GEOPRESSURE

GS PRESSURE
 . **GEOPRESSURE**
 RT GEOLOGY

GEOPRESSURE--(cont.)

GEOHERMAL RESOURCES
 GEOHERMAL TECHNOLOGY
 PRESSURE GRADIENTS

GEORGIA

GS NATIONS
 . UNITED STATES
 . **GEORGIA**
 RT ATLANTA (GA)
 SAND HILLS REGION (GA-NC-SC)

GEORGIA (EURASIA)

GS NATIONS
 . **GEORGIA (EURASIA)**
 RT ASIA
 EUROPE

GEOS SATELLITES (ESA)

UF GEOS SATELLITES (ESRO)
 GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . **GEOS SATELLITES (ESA)**
 ESA SPACECRAFT
 . ESA SATELLITES
 . **GEOS SATELLITES (ESA)**
 RT EARTH MAGNETOSPHERE
 EUROPEAN SPACE PROGRAMS
 GEOSARI PROJECT

GEOS SATELLITES (ESRO)

USE GEOS SATELLITES (ESA)

GEOS 1 SATELLITE

GS ARTIFICIAL SATELLITES
 . GEODETIC SATELLITES
 . **GEOS 1 SATELLITE**
 RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 EXPLORER 29 SATELLITE
 LARGOS SATELLITE
 PAGEOS SATELLITE

GEOS 2 SATELLITE

UF GEOS-B SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEODETIC SATELLITES
 . **GEOS 2 SATELLITE**
 RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 EXPLORER 36 SATELLITE
 LARGOS SATELLITE
 PAGEOS SATELLITE

GEOS 3 SATELLITE

UF GEOS-C SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEODETIC SATELLITES
 . **GEOS 3 SATELLITE**
 RT ACTIVE SATELLITES
 ANNA SATELLITES
 CELESTIAL GEODESY
 LARGOS SATELLITE
 PAGEOS SATELLITE
 SATELLITE ALTIMETRY

GEOS-B SATELLITE

USE GEOS 2 SATELLITE

GEOS-C SATELLITE

USE GEOS 3 SATELLITE

GEOS-D SATELLITE

UF GEODYNAMIC EXPERIMENTAL OCEAN
 SATELLITE
 GS ARTIFICIAL SATELLITES
 . **GEOS-D SATELLITE**

GEOSARI PROJECT

GS PROGRAMS
 . PROJECTS
 . **GEOSARI PROJECT**
 RT ARIANE LAUNCH VEHICLE
 EUROPEAN SPACE AGENCY
 GEOS SATELLITES (ESA)

GEOSAT SATELLITES

GS ARTIFICIAL SATELLITES
 . GEODETIC SATELLITES
 . **GEOSAT SATELLITES**
 RT SATELLITE ALTIMETRY

GEOHERMAL ENERGY CONVERSION**GEOSPHERE**

USE LITHOSPHERE

GEOSTATIONARY OPERATIONAL ENVIRON SATS

USE GOES SATELLITES

GEOSTATIONARY OPERATL ENVIRON SATELLITE

B
 USE GOES 2

GEOSTATIONARY PLATFORMS

USE SYNCHRONOUS PLATFORMS

GEOSTATIONARY SATELLITES

USE SYNCHRONOUS SATELLITES

GEOSTROPHIC WIND

GS WIND (METEOROLOGY)
 . WINDS ALOFT
 . **GEOSTROPHIC WIND**
 RT BAROCLINIC INSTABILITY
 BAROCLINIC WAVES
 DIVERGENCE
 ISOBARS (PRESSURE)
 SEA BREEZE
 WIND SHEAR

GEOSYNCHRONOUS EARTH ORBITAL ENVIRONMENTS

USE EARTH ORBITAL ENVIRONMENTS

GEOSYNCHRONOUS ORBITS

GS ORBITS
 . EARTH ORBITS
 . **GEOSYNCHRONOUS ORBITS**
 . SPACECRAFT ORBITS
 . SATELLITE ORBITS
 . **GEOSYNCHRONOUS ORBITS**
 RT CIRCULAR ORBITS
 EQUATORIAL ORBITS
 INFRARED ASTRONOMY SATELLITE
 STATIONARY ORBITS
 SYNCHRONOUS PLATFORMS
 TWENTY-FOUR HOUR ORBITS

GEOSYNCLINES

RT ANTICLINES
 DOMES (GEOLOGY)
 ∞ LAYERS
 STRATA
 STRATIFICATION
 STRATIGRAPHY
 SYNCLINES

GEOTECHNICAL ENGINEERING

RT FOUNDATIONS
 SOIL MECHANICS
 STRUCTURAL DESIGN CRITERIA
 STRUCTURAL ENGINEERING

GEOTECHNICAL FABRICS

UF GEOFABRICS
 GEOTEXTILES
 RT FABRICS
 SOIL MECHANICS

GEOTEMPERATURE

UF GEOTHERMOMETRY
 RT GEOLOGY
 GEOTHERMAL ANOMALIES
 TEMPERATURE

GEOTEXTILES

USE GEOTECHNICAL FABRICS

GEOHERMAL ANOMALIES

GS ANOMALIES
 . **GEOHERMAL ANOMALIES**
 RT GEOTEMPERATURE
 GEOHERMAL RESOURCES
 SURFACE TEMPERATURE
 THERMAL MAPPING

GEOHERMAL ENERGY CONVERSION

GS ENERGY CONVERSION
 . **GEOHERMAL ENERGY CONVERSION**
 RT CLEAN ENERGY
 ∞ CONVERSION
 EARTH RESOURCES
 ENGINES
 GEOHERMAL TECHNOLOGY
 HEAT TRANSFER
 HEAT TRANSMISSION
 OCEAN THERMAL ENERGY CONVERSION

GEO THERMAL ENERGY CONVERSION--(cont.)

THERMAL ENERGY
 TURBINES
 TURBOGENERATORS

GEO THERMAL ENERGY EXTRACTION

GS EXTRACTION
 GEO THERMAL ENERGY EXTRACTION
 RT ENERGY CONVERSION
 ENERGY TECHNOLOGY
 GEO THERMAL TECHNOLOGY
 HEAT EXCHANGERS
 HEAT PUMPS
 HEAT TRANSMISSION
 HEATING
 TURBINES
 TURBOGENERATORS
 WATER HEATING

GEO THERMAL ENERGY UTILIZATION

GS UTILIZATION
 GEO THERMAL ENERGY UTILIZATION
 RT COOLING
 ∞ ELECTRIC POWER
 ENERGY STORAGE
 GEO THERMAL TECHNOLOGY
 HEAT PIPES
 HEAT STORAGE
 HEATING
 ∞ POWER PLANTS
 TURBOGENERATORS

GEO THERMAL RESOURCES

GS HEAT SOURCES
 THERMAL RESOURCES
 GEO THERMAL RESOURCES
 GEYSERS
 RESOURCES
 EARTH RESOURCES
 THERMAL RESOURCES
 GEO THERMAL RESOURCES
 GEYSERS
 RT DRY HEAT
 ∞ ENERGY SOURCES
 GEOPHYSICAL FLUIDS
 GEOPRESSURE
 GEO THERMAL ANOMALIES
 HEAT TRANSMISSION
 HYDROTHERMAL SYSTEMS
 THERMAL ENERGY
 THERMAL MAPPING
 UNDERWATER RESOURCES
 VOLCANOES

GEO THERMAL TECHNOLOGY

GS TECHNOLOGIES
 ENERGY TECHNOLOGY
 GEO THERMAL TECHNOLOGY
 RT DRY HEAT
 EXPLORATION
 GEOPHYSICAL FLUIDS
 GEOPRESSURE
 GEO THERMAL ENERGY CONVERSION
 GEO THERMAL ENERGY EXTRACTION
 GEO THERMAL ENERGY UTILIZATION
 GEYSERS
 HEAT SOURCES
 HEAT TRANSFER
 OCEAN THERMAL ENERGY CONVERSION
 RESOURCES
 THERMAL RESOURCES

GEO THERMOMETRY

USE GEOTEMPERATURE

GEOTROPISM

GS TROPISM
 GEOTROPISM
 RT GRAVITATIONAL EFFECTS
 PHYSIOLOGICAL EFFECTS
 PLANTS (BOTANY)

GEP TELESCOPES

USE PARTICLE TELESCOPES

GERDIEN ARC HEATERS

USE ARC HEATING
 HEATING EQUIPMENT

GERDIEN CONDENSERS

GS MEASURING INSTRUMENTS
 GERDIEN CONDENSERS
 RT CAPACITORS
 ION DENSITY (CONCENTRATION)

GERIATRICS

GS MEDICAL SCIENCE
 GERIATRICS
 RT AGING (BIOLOGY)
 GERONTOLOGY

GERMAN DEMOCRATIC REPUBLIC

USE EAST GERMANY

GERMAN INFRARED LABORATORY

GS TELESCOPES
 SPACEBORNE TELESCOPES
 GERMAN INFRARED LABORATORY
 RT PAYLOADS
 SPACE SHUTTLES
 SPACELAB
 WEST GERMANY

GERMAN SPACE PROGRAM

GS PROGRAMS
 SPACE PROGRAMS
 EUROPEAN SPACE PROGRAMS
 GERMAN SPACE PROGRAM
 RT EAST GERMANY
 GERMANY
 WEST GERMANY

GERMANATES

GS GERMANIUM COMPOUNDS
 GERMANATES
 MAGNESIUM GERMANATES

GERMANIDES

GS GERMANIUM COMPOUNDS
 GERMANIDES
 MAGNESIUM GERMANIDES
 RT GERMANIUM ALLOYS

GERMANIUM

GS CHEMICAL ELEMENTS
 METALLOIDS
 GERMANIUM
 GERMANIUM ISOTOPES

GERMANIUM ALLOYS

GS ALLOYS
 GERMANIUM ALLOYS
 RT GERMANIDES
 SILICON ALLOYS

GERMANIUM ANTIMONIDES

GS ANTIMONY COMPOUNDS
 ANTIMONIDES
 GERMANIUM ANTIMONIDES
 GERMANIUM COMPOUNDS
 GERMANIUM ANTIMONIDES

GERMANIUM CHLORIDES

GS GERMANIUM COMPOUNDS
 GERMANIUM CHLORIDES
 HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 CHLORIDES
 GERMANIUM CHLORIDES
 HALIDES
 CHLORIDES
 GERMANIUM CHLORIDES

GERMANIUM COMPOUNDS

GS **GERMANIUM COMPOUNDS**
 GERMANATES
 MAGNESIUM GERMANATES
 GERMANIDES
 MAGNESIUM GERMANIDES
 GERMANIUM ANTIMONIDES
 GERMANIUM CHLORIDES
 GERMANIUM OXIDES
 ORGANIC GERMANIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 ∞ METAL COMPOUNDS

GERMANIUM DIODES

UF GERMANIUM RECTIFIERS
 GS ELECTRONIC EQUIPMENT
 DIODES
 SEMICONDUCTOR DIODES
 GERMANIUM DIODES
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 GERMANIUM DIODES
 RECTIFIERS
 GERMANIUM DIODES
 RT JUNCTION DIODES

GERMANIUM DIODES--(cont.)

TRANSISTORS

GERMANIUM ISOTOPES

GS CHEMICAL ELEMENTS
 METALLOIDS
 GERMANIUM
 GERMANIUM ISOTOPES
 NUCLIDES
 ISOTOPES
 GERMANIUM ISOTOPES

GERMANIUM OXIDES

GS CHALCOGENIDES
 OXIDES
 GERMANIUM OXIDES
 GERMANIUM COMPOUNDS
 GERMANIUM OXIDES
 RT ∞ OXYGEN COMPOUNDS

GERMANIUM RECTIFIERS

USE GERMANIUM DIODES

GERMANY

RT EAST GERMANY
 GERMAN SPACE PROGRAM
 WEST GERMANY

GERMICIDES

USE BACTERICIDES

GERMINATION

RT CROP GROWTH
 GROWTH
 PHYTOTRONS
 VIABILITY

GERMINATORS

USE PHYTOTRONS

GERONTOLOGY

RT AGE FACTOR
 AGING (BIOLOGY)
 GERIATRICS
 LIFE SPAN

GERT

UF GRAPHIC EVALUATION AND REVIEW
 TECHNIQUES
 RT CRITICAL PATH METHOD
 MANAGEMENT
 MANAGEMENT ANALYSIS
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 ∞ METHODOLOGY
 PERT
 PROJECT MANAGEMENT

GESTALT THEORY

RT PSYCHOTHERAPY
 THEORIES

GET AWAY SPECIALS (STS)

GS PAYLOADS
 SPACE SHUTTLE PAYLOADS
 GET AWAY SPECIALS (STS)
 RT OSS-1 PAYLOAD
 SPACE SHUTTLE MISSIONS
 SPACEBORNE EXPERIMENTS
 SPACELAB
 SPACELAB PAYLOADS

GETOL AIRCRAFT

GS GROUND EFFECT MACHINES
 GETOL AIRCRAFT
 RT ∞ AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

GETTERS

RT ION PUMPS
 PROPARGYL GROUPS
 PURIFICATION
 RESIDUAL GAS
 VACUUM
 VAPOR TRAPS

GEYSERS

GS HEAT SOURCES
 THERMAL RESOURCES
 GEO THERMAL RESOURCES
 GEYSERS
 RESOURCES
 EARTH RESOURCES

GEYSERS--(cont.)

- .. THERMAL RESOURCES
- .. GEOTHERMAL RESOURCES
- **GEYSERS**
- RT ANOMALOUS TEMPERATURE ZONES
- GEOTHERMAL TECHNOLOGY
- HYDROGEOLOGY
- HYDROTHERMAL SYSTEMS

GGG (GARNET)

- USE GADOLINIUM-GALLIUM GARNET

GHANA

- GS NATIONS
- .. **GHANA**
- RT AFRICA

GHOSTS

- RT DISTORTION
- RADAR ECHOES
- RADIO ECHOES

GIACOBINI-ZINNER COMET

- GS CELESTIAL BODIES
- .. COMETS
- **GIACOBINI-ZINNER COMET**
- RT DRACONID METEORIDS
- SOLAR SYSTEM

GIANT STARS

- GS CELESTIAL BODIES
- .. STARS
- **GIANT STARS**
- ASYMPTOTIC GIANT BRANCH STARS
- OMICRON CETI STAR
- RED GIANT STARS
- CARBON STARS
- RT COOL STARS
- F STARS
- G STARS
- HORIZONTAL BRANCH STARS
- K STARS
- LATE STARS
- M STARS
- MAIN SEQUENCE STARS
- S STARS
- SUBGIANT STARS
- SUPERGIANT STARS

GIBBERELLINS

- GS PLANTS (BOTANY)
- .. FUNGI
- **GIBBERELLINS**
- REGULATORS
- .. **GIBBERELLINS**
- RT HEMOSTATICS

GIBBS ADSORPTION EQUATION

- RT ADSORPTION
- ∞ EQUATIONS
- ∞ GIBBS EQUATIONS
- INTERFACIAL TENSION

∞ GIBBS EQUATIONS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ EQUATIONS
- GIBBS ADSORPTION EQUATION
- GIBBS FREE ENERGY
- GIBBS-HELMHOLTZ EQUATIONS
- PHASE RULE

GIBBS FREE ENERGY

- GS HEAT
- .. ENTHALPY
- .. **GIBBS FREE ENERGY**
- THERMODYNAMIC PROPERTIES
- .. ENTHALPY
- .. **GIBBS FREE ENERGY**
- .. FREE ENERGY
- .. **GIBBS FREE ENERGY**
- RT ∞ GIBBS EQUATIONS
- GIBBS-HELMHOLTZ EQUATIONS
- MAYER PROBLEM

GIBBS PHENOMENON

- RT DISCONTINUITY
- FOURIER SERIES
- SERIES (MATHEMATICS)

GIBBS-HELMHOLTZ EQUATIONS

- RT ELECTRIC POTENTIAL

GIBBS-HELMHOLTZ EQUATIONS--(cont.)

- ENTHALPY
- ∞ EQUATIONS
- FREE ENERGY
- ∞ GIBBS EQUATIONS
- GIBBS FREE ENERGY
- INTERNAL ENERGY
- PRESSURE
- TEMPERATURE

GIBRALTAR

- GS NATIONS
- .. UNITED KINGDOM
- .. **GIBRALTAR**
- RT EUROPE
- MEDITERRANEAN SEA
- SPAIN
- STRAITS

GIMBALLESS INERTIAL NAVIGATION

- GS NAVIGATION
- .. INERTIAL NAVIGATION
- **GIMBALLESS INERTIAL NAVIGATION**
- RT GYROSCOPES
- INERTIAL PLATFORMS
- NAVIGATION INSTRUMENTS

GIMBALS

- RT BEARINGS
- CONTROL MOMENT GYROSCOPES
- FLUID ROTOR GYROSCOPES
- GYRODAMPERS
- GYROSCOPES
- PIVOTS
- STABILIZED PLATFORMS
- SUPPORTS
- SWIVELS

GINGA SATELLITE

- GS ARTIFICIAL SATELLITES
- .. SCIENTIFIC SATELLITES
- .. ASTRONOMICAL SATELLITES
- **GINGA SATELLITE**
- JAPANESE SPACECRAFT
- .. **GINGA SATELLITE**
- OBSERVATORIES
- .. ASTRONOMICAL OBSERVATORIES
- .. ASTRONOMICAL SATELLITES
- **GINGA SATELLITE**
- RT JAPANESE SPACE PROGRAM
- X RAY ASTRONOMY
- X RAY SPECTRA
- X RAY STARS

GIOTTO MISSION

- GS ESA SPACECRAFT
- .. **GIOTTO MISSION**
- SPACE MISSIONS
- .. FLYBY MISSIONS
- .. **GIOTTO MISSION**
- UNMANNED SPACECRAFT
- .. SPACE PROBES
- .. **GIOTTO MISSION**
- RT HALLEY'S COMET

GIRDER WEBS

- GS STRUCTURAL MEMBERS
- .. PLATES (STRUCTURAL MEMBERS)
- .. **GIRDER WEBS**
- WEBS (SUPPORTS)
- .. **GIRDER WEBS**
- RT ELASTIC SHEETS
- GIRDERS
- METAL PLATES

GIRDERS

- GS STRUCTURAL MEMBERS
- .. **GIRDERS**
- RT BEAMS (SUPPORTS)
- BOX BEAMS
- GIRDER WEBS
- PLATES (STRUCTURAL MEMBERS)
- TRUSSES

GIRDLES

- RT ∞ BELTS
- PELVIS

GLACIAL DRIFT

- UF DRUMLINS
- END MORAINES
- ESKERS
- GLACIOFLUVIAL DEPOSITS
- MORAINES
- STOSS-AND-LEE TOPOGRAPHY
- RT DEBRIS
- GLACIERS
- KETTLES (GEOLOGY)
- LAND ICE
- LANDFORMS
- SEA ICE
- SEDIMENTS

GLACIERS

- UF ACTIVE GLACIERS
- ADVANCING GLACIERS
- GS CREVASSES
- .. **GLACIERS**
- ICE
- .. **GLACIERS**
- RESOURCES
- .. EARTH RESOURCES
- .. **GLACIERS**
- RT CIRQUES (LANDFORMS)
- GLACIAL DRIFT
- GLACIOLOGY
- LAND ICE
- SEA ICE

GLACIOFLUVIAL DEPOSITS

- USE GLACIAL DRIFT

GLACIOLOGY

- GS GEOLOGY
- .. **GLACIOLOGY**
- RT GEOMORPHOLOGY
- GLACIERS
- HYDROGEOLOGY
- ISOSTASY

∞ GLANDS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT GLANDS (ANATOMY)
- GLANDS (SEALS)
- PUMP SEALS

GLANDS (ANATOMY)

- GS ANATOMY
- .. **GLANDS (ANATOMY)**
- .. ENDOCRINE GLANDS
- .. ADRENAL GLAND
- .. GONADS
- .. OVARIES
- .. TESTES
- .. HYPOTHALAMUS
- .. PANCREAS
- .. PARATHYROID GLAND
- .. PINEAL GLAND
- .. PITUITARY GLAND
- .. THYMUS GLAND
- .. THYROID GLAND
- .. MAMMARY GLANDS
- .. SALIVARY GLANDS
- .. SEBACEOUS GLANDS
- .. SEX GLANDS
- .. GONADS
- .. OVARIES
- .. TESTES
- .. PROSTATE GLAND
- RT ENDOCRINE SYSTEMS
- GASTROINTESTINAL SYSTEM
- ∞ GLANDS
- LIVER
- ORGANS
- SECRETIONS

GLANDS (SEALS)

- GS SEALS (STOPPERS)
- .. **GLANDS (SEALS)**
- RT ∞ GLANDS
- LABYRINTH SEALS
- O RING SEALS
- PACKINGS (SEALS)
- PUMP SEALS
- SEALING

GLARE

- RT BRIGHTNESS
- COMFORT
- DAYGLOW
- ELECTROMAGNETIC RADIATION

GLARE--(cont.)

HUMAN FACTORS ENGINEERING
ILLUMINATING
LIGHT (VISIBLE RADIATION)
LUMINANCE
LUSTER
OPTICAL PROPERTIES
RADIANCE
SKY BRIGHTNESS
SPECULAR REFLECTION
SPREAD REFLECTION
VISIBILITY
VISION

GLASS

GS

GLASS
BOROSILICATE GLASS
E GLASS
S GLASS
GLASS FIBERS
METALLIC GLASSES
OBSIDIAN GLASS
PYROCERAM (TRADEMARK)
SILICA GLASS
SPIN GLASS
VYCOR

RT

AMORPHOUS MATERIALS
CERAMICS
ELECTROSTATIC BONDING
GLASS TRANSITION TEMPERATURE
GLASSWARE
GLASSY CARBON
GRIFFITH CRACK
MATERIALS
MOLDAVITE
OBSIDIAN
OPTICAL MATERIALS
OPTICAL PROPERTIES
PHOTOGRAPHIC PLATES
PORCELAIN
SILICON DIOXIDE
VITREOUS MATERIALS
VITRIFICATION

GLASS COATINGS

SN

(COATINGS CONSISTING OF GLASS)
COATINGS

GS

GLASS COATINGS

RT

GLAZES
METALLIC GLASSES
PROTECTIVE COATINGS
SILICA GLASS

GLASS ELECTRODES

GS

ELECTRODES
GLASS ELECTRODES

RT

ELECTROCHEMISTRY
ION EXCHANGING
SILICA GLASS

GLASS FIBER REINFORCED PLASTICS

GS

COMPOSITE MATERIALS
FIBER COMPOSITES
GLASS FIBER REINFORCED PLASTICS
POLYMER MATRIX COMPOSITES
REINFORCED PLASTICS
GLASS FIBER REINFORCED PLASTICS

PLASTICS

REINFORCED PLASTICS
GLASS FIBER REINFORCED PLASTICS

RT

AIRFRAME MATERIALS
COMPOSITE STRUCTURES
E GLASS
FIBER ORIENTATION
FIBERS
LAMINATES
PLASTIC AIRCRAFT STRUCTURES
PULTRUSION
REINFORCING FIBERS
S GLASS
THERMOPLASTIC RESINS
THERMOSETTING RESINS
WOVEN COMPOSITES

GLASS FIBERS

UF

FIBERGLASS

GS

FIBERS
SYNTHETIC FIBERS
GLASS FIBERS
GLASS

RT

GLASS FIBERS
BORON FIBERS

GLASS FIBERS--(cont.)

E GLASS
GRADIENT INDEX OPTICS
METALLIC GLASSES
OPTICAL FIBERS
REINFORCING FIBERS
S GLASS
SILICA GLASS
VYCOR

GLASS LASERS

GS

STIMULATED EMISSION DEVICES
LASERS

RT

GLASS LASERS
HIGH POWER LASERS
LASER FUSION
LASER OUTPUTS
LASER PLASMA INTERACTIONS
LASER TARGETS
NEODYMIUM LASERS
OPTICAL PUMPING
PULSED LASERS
ULTRASHORT PULSED LASERS

GLASS TRANSITION TEMPERATURE

GS

TEMPERATURE
GLASS TRANSITION TEMPERATURE

RT

CURING
EPOXY RESINS
GLASS
POLYMER CHEMISTRY
POLYMER PHYSICS
TEMPERATURE EFFECTS
TRANSITION TEMPERATURE

GLASSWARE

RT

BOROSILICATE GLASS
BOTTLES
BURETTES
CONTAINERS
FLASKS
GLASS
LABORATORY EQUIPMENT
PIPETTES
SILICA GLASS

GLASSY CARBON

GS

COMPOSITE MATERIALS

RT

GLASSY CARBON
CARBON
GLASS
MATERIALS

GLAUBER THEORY

RT

APPROXIMATION
ELASTIC SCATTERING
POMERANCHUK THEOREM
THEORIES

GLAUCOMA

GS

DISEASES
EYE DISEASES
GLAUCOMA
INTRAOCULAR PRESSURE

GLAUERT COEFFICIENT

USE

AERODYNAMIC FORCES
MACH NUMBER

GLAZES

GS

COATINGS
GLAZES
FINISHES
GLAZES
CERAMICS
FRIT
GLASS COATINGS
PORCELAIN
PROTECTIVE COATINGS

RT

GLIDE ANGLES

USE

GLIDE PATHS

GLIDE LANDINGS

GS

LANDING
GLIDE LANDINGS
HORIZONTAL SPACECRAFT LANDING
AIRCRAFT LANDING
CRASH LANDING
DITCHING (LANDING)
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
WATER LANDING

RT

GLIDE PATHS

UF

GLIDE ANGLES

GS

GLIDE SLOPES

FLIGHT PATHS

GLIDE PATHS

SLOPES

RT

GLIDE PATHS

AIRCRAFT APPROACH SPACING

APPROACH CONTROL

APPROACH INDICATORS

GLIDING

INSTRUMENT APPROACH

INSTRUMENT LANDING SYSTEMS

TERMINAL GUIDANCE

GLIDE SLOPES

USE

GLIDE PATHS

GLIDERS

UF

SAILPLANES

GS

GLIDERS

ASSET GLIDERS

BOOSTGLIDE VEHICLES

X-20 AIRCRAFT

HANG GLIDERS

HL-10 REENTRY VEHICLE

HYPERSONIC GLIDERS

X-20 AIRCRAFT

JANUS SPACECRAFT

KA-6 SAILPLANES

PARAGLIDERS

RT

INFLATABLE GLIDERS

AEROSPACE PLANES

AIRCRAFT

FLEXIBLE WINGS

FREE FLIGHT

GLIDING

LIFTING REENTRY VEHICLES

MILITARY AIRCRAFT

MONOPLANES

OBSERVATION AIRCRAFT

SAILS

SAILWINGS

SCHLEICHER AIRCRAFT

SOARING

SUBSONIC AIRCRAFT

TOWED BODIES

WINGED VEHICLES

GLIDING

RT

BOOSTGLIDE VEHICLES

DESCENT

FLIGHT

FLIGHT PATHS

FREE FLIGHT

GLIDE PATHS

GLIDERS

KA-6 SAILPLANES

LIFT

MOTION

SOARING

GLIMM METHOD

GS

ANALYSIS (MATHEMATICS)

NUMERICAL ANALYSIS

GLIMM METHOD

PROCEDURES

GLIMM METHOD

RT

EQUATIONS

FLUID DYNAMICS

METHODOLOGY

GLINT

RT

ANGELS (RADAR)

RADAR ECHOES

SCINTILLATION

GLOBAL AIR POLLUTION

GS

POLLUTION

ENVIRONMENT POLLUTION

AIR POLLUTION

GLOBAL AIR POLLUTION

RT

EARTH ATMOSPHERE

ENVIRONMENTS

GLOBAL WARMING

POLLUTION MONITORING

POLLUTION TRANSPORT

GLOBAL AIR SAMPLING PROGRAM

UF

GASP

RT

AIR POLLUTION

AIR SAMPLING

ENVIRONMENTAL QUALITY

SAMPLING

GLOBAL ATMOSPHERIC RESEARCH PROGRAM
 UF GARP
 GS PROGRAMS
 . **GLOBAL ATMOSPHERIC RESEARCH PROGRAM**
 . . GARP ATLANTIC TROPICAL EXPERIMENT
 RT AEROLOGY
 INTEGRATED GLOBAL OCEAN STATION SYSTEMS
 METEOROLOGY
 NASA PROGRAMS
 WEATHER
 WEATHER RECONNAISSANCE AIRCRAFT

GLOBAL COMMUNICATIONS ANTENNA GRID (NAVY)
 USE SEAFARER PROJECT

GLOBAL POSITIONING SYSTEM
 RT AUTONOMOUS SPACECRAFT CLOCKS
 FLIGHT PATHS
 NAVIGATION
 POSITION INDICATORS
 POSITIONING
 SATELLITE NAVIGATION SYSTEMS
 SPACE NAVIGATION
 ∞ SYSTEMS

GLOBAL TRACKING NETWORK
 UF GLOTRAC (TRACKING NETWORK)
 GS STATIONS
 . TRACKING STATIONS
 . . **GLOBAL TRACKING NETWORK**
 TRACKING NETWORKS
 . **GLOBAL TRACKING NETWORK**
 RT DATA ACQUISITION
 GROUND STATIONS
 MINITRACK SYSTEM
 NASCOM NETWORK
 OPTICAL TRACKING
 RADIO RELAY SYSTEMS
 RANGE AND RATE TRACKING
 SATELLITE TRACKING
 SPACE FLIGHT TRACKING AND DATA NETWORK
 STDN (NETWORK)

GLOBAL WARMING
 GS HEATING
 . ATMOSPHERIC HEATING
 . . **GLOBAL WARMING**
 RT ATMOSPHERIC TEMPERATURE
 CLIMATE CHANGE
 GLOBAL AIR POLLUTION
 GREENHOUSE EFFECT
 STRATOSPHERIC WARMING

∞ **GLOBES**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT EARTH (PLANET)
 LUMINAIRES
 MAPS
 SPHERES

GLOBULAR CLUSTERS
 GS CELESTIAL BODIES
 . STAR CLUSTERS
 . . **GLOBULAR CLUSTERS**
 RT ∞ CLUSTERS
 COLOR-MAGNITUDE DIAGRAM
 GALACTIC HALOS
 HORIZONTAL BRANCH STARS
 METALLICITY
 STAR DISTRIBUTION

GLOBULES
 RT FALLING SPHERES
 INTERFACIAL TENSION
 LIQUIDS
 MICROBALLOONS
 SPHERES

GLOBULINS
 GS BIOPOLYMERS
 . PROTEINS
 . . **GLOBULINS**
 . . . FIBRINOGEN
 . . . GAMMA GLOBULIN
 ORGANIC COMPOUNDS
 . PROTEINS
 . . **GLOBULINS**
 . . . FIBRINOGEN

GLOBULINS--(cont.)
 . . . GAMMA GLOBULIN

GLOMERULUS
 GS ANATOMY
 . CIRCULATORY SYSTEM
 . . CARDIOVASCULAR SYSTEM
 . . . BLOOD VESSELS
 CAPILLARIES (ANATOMY)
 **GLOMERULUS**
 . GENITOURINARY SYSTEM
 . . KIDNEYS
 . . . **GLOMERULUS**
 RT RENAL FUNCTION

GLOSSARIES
 USE DICTIONARIES

GLOSTER GA-5 AIRCRAFT
 USE GA-5 AIRCRAFT

GLOTRAC (TRACKING NETWORK)
 USE GLOBAL TRACKING NETWORK

GLOTTIS
 GS ANATOMY
 . RESPIRATORY SYSTEM
 . . LARYNX
 . . . **GLOTTIS**
 RT VOCAL CORDS

GLOVES
 GS CLOTHING
 . **GLOVES**
 RT PROTECTIVE CLOTHING

GLOW
 USE LUMINESCENCE

GLOW DISCHARGES
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **GLOW DISCHARGES**
 RT CATHODE GLOW
 ELECTRIC ARCS
 ELECTRIC CORONA
 ELECTRODELESS DISCHARGES
 FARADAY DARK SPACE
 GAS DISCHARGES
 LIGHT SOURCES
 PLASMA DISPLAY DEVICES
 PLASMA RADIATION

GLUCOSE
 GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . SUGARS
 . . . MONOSACCHARIDES
 HEXOSES
 **GLUCOSE**

GLUCOSIDES
 UF GLYCOSIDES
 GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . **GLUCOSIDES**
 . . . NUCLEOSIDES
 ADENINES
 GUANOSINES

GLUES
 GS ADHESIVES
 . **GLUES**
 RT PASTES
 SIZING MATERIALS
 TETRAETHYL ORTHOSILICATE

GLUONS
 GS PARTICLES
 . ELEMENTARY PARTICLES
 . . **GLUONS**
 RT LEPTONS
 MESONS
 QUANTUM CHROMODYNAMICS
 QUARKS

GLUTAMATES
 GS ESTERS
 . **GLUTAMATES**
 RT GLUTAMIC ACID

GLUTAMIC ACID
 GS ACIDS
 . AMINO ACIDS

GLUTAMIC ACID--(cont.)
 . . **GLUTAMIC ACID**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLUTAMIC ACID**
 RT GLUTAMATES

GLUTAMINE
 GS ACIDS
 . AMINO ACIDS
 . . **GLUTAMINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLUTAMINE**

GLUTATHIONE
 GS ORGANIC COMPOUNDS
 . COENZYMES
 . . **GLUTATHIONE**
 . PEPTIDES
 . . POLYPEPTIDES
 . . . **GLUTATHIONE**

GLYCERIDES
 GS ESTERS
 . **GLYCERIDES**
 RT GLYCEROLS
 NITROGLYCERIN

GLYCERINS
 USE GLYCEROLS

GLYCEROLS
 UF GLYCERINS
 RT ALCOHOLS
 CARBOHYDRATES
 GLYCERIDES
 LIPIDS
 LIQUIDS
 NITROGLYCERIN
 TRIACETIN

GLYCIDYL AZIDE POLYMER
 UF GAP (PROPELLANTS)
 RT ∞ POLYMERS
 PROPELLANT BINDERS
 SOLID ROCKET BINDERS

GLYCINE
 GS ACIDS
 . AMINO ACIDS
 . . **GLYCINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **GLYCINE**

GLYCOGENS
 GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . POLYSACCHARIDES
 . . . **GLYCOGENS**

GLYCOLS
 GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . **GLYCOLS**
 RT HYDROXYL RADICALS

GLYCOLYSIS
 GS CHEMICAL REACTIONS
 . **GLYCOLYSIS**
 DECOMPOSITION
 . **GLYCOLYSIS**

GLYCOSIDES
 USE GLUCOSIDES

GNEISS
 GS ROCKS
 . **GNEISS**
 RT SOILS

GNOMONIC PROJECTION
 RT PHOTOMAPPING
 ∞ PROJECTION
 PROJECTIVE GEOMETRY

GNOTOBIOTICS
 RT BACTERIA
 BACTERIOLOGY
 CLOSED ECOLOGICAL SYSTEMS
 CONTROLLED ATMOSPHERES
 ISOLATION
 MICROBIOLOGY

GNOTOBIOTICS--(cont.)

MICROORGANISMS
STERILIZATION

GNP

USE GROSS NATIONAL PRODUCT

GOAL THEORY

RT GOALS
∞ THEORIES

GOALS

RT ACHIEVEMENT
ENGINEERING MANAGEMENT
GOAL THEORY
PROJECT PLANNING
PURPOSES
RESEARCH MANAGEMENT

GOATS

GS ANIMALS
. VERTEBRATES
. MAMMALS
∞ **GOATS**
RT GRAZING
LIVESTOCK

GOBI DESERT

GS LAND
. DESERTS
∞ **GOBI DESERT**
RT ARID LANDS
DESERTIFICATION

GODDARD EXPERIMENT PACKAGE TELESCOPE

USE PARTICLE TELESCOPES

GODDARD TRAJECTORY DETERMINATION SYSTEM

UF GTDS
RT COMPUTER PROGRAMS
INTERPLANETARY TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBIT CALCULATION
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
SPACECRAFT TRAJECTORIES
∞ SYSTEMS
TRAJECTORY ANALYSIS
TRAJECTORY OPTIMIZATION

GOERTLER INSTABILITY

UF TAYLOR-GOERTLER INSTABILITY
GS STABILITY
∞ **GOERTLER INSTABILITY**
RT BOUNDARY LAYER STABILITY
BOUNDARY LAYER TRANSITION
CENTRIFUGAL FORCE
FLOW STABILITY
LAMINAR BOUNDARY LAYER
ROTATING FLUIDS
ROTATING LIQUIDS
TAYLOR INSTABILITY
VORTICES
WALL FLOW

GOES SATELLITES

UF GEOSTATIONARY OPERATIONAL
ENVIRON SATS
GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
∞ **GOES SATELLITES**
... GOES 1
... GOES 2
... GOES 3
... GOES 4
... GOES 5
... GOES 6
... GOES 7
RT ISCCP PROJECT
METEOROLOGICAL SATELLITES

GOES 1

GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
... GOES SATELLITES
∞ **GOES 1**
RT METEOROLOGICAL SATELLITES

GOES 2

UF GEOSTATIONARY OPERATL ENVIRON
SATELLITE B
GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES

GOES 2--(cont.)

... GOES SATELLITES
∞ **GOES 2**
RT METEOROLOGICAL SATELLITES
SMS 1
SMS 2

GOES 3

GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
... GOES SATELLITES
∞ **GOES 3**
RT METEOROLOGICAL SATELLITES

GOES 4

GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
... GOES SATELLITES
∞ **GOES 4**
RT METEOROLOGICAL SATELLITES

GOES 5

GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
... GOES SATELLITES
∞ **GOES 5**
RT METEOROLOGICAL SATELLITES

GOES 6

GS ARTIFICIAL SATELLITES
. METEOROLOGICAL SATELLITES
∞ **GOES 6**
. SYNCHRONOUS SATELLITES
... GOES SATELLITES
∞ **GOES 6**

GOES 7

GS ARTIFICIAL SATELLITES
. SYNCHRONOUS SATELLITES
... GOES SATELLITES
∞ **GOES 7**

GOGGLES

GS CLOTHING
∞ **GOGGLES**
RT EYE PROTECTION
FLIGHT CLOTHING
HELMETS
PROTECTIVE CLOTHING
SUNGLASSES

GOLAY DETECTOR CELLS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
... RADIATION DETECTORS
∞ **GOLAY DETECTOR CELLS**
RT ENERGY ABSORPTION FILMS
PNEUMATIC EQUIPMENT
RADIATION ABSORPTION

GOLD

GS CHEMICAL ELEMENTS
∞ **GOLD**
... GOLD ISOTOPES
... GOLD 198
METALS
. NOBLE METALS
∞ **GOLD**
... GOLD ISOTOPES
... GOLD 198
. TRANSITION METALS
∞ **GOLD**
... GOLD ISOTOPES
... GOLD 198

GOLD ALLOYS

GS ALLOYS
∞ **GOLD ALLOYS**
RT COPPER ALLOYS
NICKEL ALLOYS
SILVER ALLOYS

GOLD COATINGS

UF GOLD PLATE
GS COATINGS
. METAL COATINGS
∞ **GOLD COATINGS**
RT NICKEL PLATE
PROTECTIVE COATINGS

GOLD ISOTOPES

GS CHEMICAL ELEMENTS
∞ **GOLD**
... **GOLD ISOTOPES**

GOLD ISOTOPES--(cont.)

... GOLD 198
. NUCLIDES
... ISOTOPES
∞ **GOLD ISOTOPES**
... GOLD 198
METALS
. NOBLE METALS
∞ **GOLD**
... **GOLD ISOTOPES**
... GOLD 198
. TRANSITION METALS
∞ **GOLD**
... **GOLD ISOTOPES**
... GOLD 198
RT RADIOACTIVE ISOTOPES

GOLD PLATE

USE GOLD COATINGS

GOLD 198

GS CHEMICAL ELEMENTS
∞ **GOLD**
... GOLD ISOTOPES
... **GOLD 198**
. NUCLIDES
... ISOTOPES
... GOLD ISOTOPES
... **GOLD 198**
... RADIOACTIVE ISOTOPES
... **GOLD 198**
METALS
. NOBLE METALS
∞ **GOLD**
... GOLD ISOTOPES
... **GOLD 198**
. TRANSITION METALS
∞ **GOLD**
... GOLD ISOTOPES
... **GOLD 198**

GOMPERTZ CURVES

GS CHARTS
... GRAPHS (CHARTS)
∞ **GOMPERTZ CURVES**
GEOMETRY
. CURVES (GEOMETRY)
... S CURVES
∞ **GOMPERTZ CURVES**
. EUCLIDEAN GEOMETRY
. ANALYTIC GEOMETRY
... S CURVES
... **GOMPERTZ CURVES**

GONADS

GS ANATOMY
. GENITOURINARY SYSTEM
... REPRODUCTIVE SYSTEMS
... SEX GLANDS
∞ **GONADS**
... OVARIES
... TESTES
. GLANDS (ANATOMY)
... ENDOCRINE GLANDS
∞ **GONADS**
... OVARIES
... TESTES
. SEX GLANDS
∞ **GONADS**
... OVARIES
... TESTES
RT PHYSIOLOGICAL EFFECTS

GONDOLAS

RT AIRCRAFT COMPARTMENTS
AIRSHIPS
BALLOONS
BASKETS

GONIOMETERS

GS MEASURING INSTRUMENTS
∞ **GONIOMETERS**
... PHOTOgoniometers
... RADIOgoniometers
RT ANGLES (GEOMETRY)
DIFFRACTOMETERS
ETALONS
INTERFEROMETERS
MACH-ZEHNDER INTERFEROMETERS
MONOCHROMATORS
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
SPECTROMETERS

GOODNESS OF FIT
 GS STATISTICAL ANALYSIS
 . **GOODNESS OF FIT**
 RT FITTING
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 PROBABILITY DISTRIBUTION FUNCTIONS
 PROBABILITY THEORY
 STATISTICAL DISTRIBUTIONS
 STATISTICAL TESTS
 VARIANCE (STATISTICS)

GORES
 RT FABRICS
 PARACHUTE FABRICS

GORGES
 USE CANYONS

GOSS (SUPPORT SYSTEM)
 USE GROUND OPERATIONAL SUPPORT
 SYSTEM

GOVERNMENT PROCUREMENT
 GS PROCUREMENT
 . **GOVERNMENT PROCUREMENT**
 RT COMMODITIES
 CONTRACTS
 FEDERAL BUDGETS
 SERVICES

GOVERNMENT/INDUSTRY RELATIONS
 RT COMMERCE LAB
 CONTRACT NEGOTIATION
 CONTRACTORS
 CONTRACTS
 PROCUREMENT

GOVERNMENTS
 RT CONSTITUTION
 CULTURE (SOCIAL SCIENCES)
 POLICIES
 POLITICS
 REGIMES
 VOTING

GOVERNORS
 USE SPEED REGULATORS

GRABENS
 USE GEOLOGICAL FAULTS

GRADE
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANGLES (GEOMETRY)
 GRADIENTS
 LEVEL (HORIZONTAL)
 POSITION (TITLE)
 QUALITY
 SLOPES

GRADIENT INDEX OPTICS
 RT FIBER OPTICS
 GEOMETRICAL OPTICS
 GLASS FIBERS
 LENS DESIGN
 LENSES
 NONLINEAR OPTICS
 OPTICAL PROPERTIES
 ∞ OPTICS
 PHYSICAL OPTICS
 RAY TRACING
 REFRACTIVITY

GRADIENTS
 GS **GRADIENTS**
 . ELECTRON DENSITY PROFILES
 . POTENTIAL GRADIENTS
 . PRESSURE GRADIENTS
 . TEMPERATURE GRADIENTS
 . THERMOCLINES
 RT ANGLES (GEOMETRY)
 COMPOSITION (PROPERTY)
 CONJUGATE GRADIENT METHOD
 ∞ CROSS SECTIONS
 DIFFERENCES
 DISTRIBUTION (PROPERTY)
 ∞ DROP
 ∞ GRADE
 GRAVITY GRADIOMETERS
 ISOBARS (PRESSURE)
 ISOTHERMS

GRADIENTS--(cont.)
 LEVEL (HORIZONTAL)
 OPTIMIZATION
 ∞ PROFILES
 SLOPES
 VARIATIONS
 VECTOR ANALYSIS

GRADIOMETERS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT GRAVITY GRADIOMETERS
 MAGNETOMETERS

GRADUATION
 USE CALIBRATING

GRAEFF CALCULUS
 GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . **GRAEFF CALCULUS**
 . NUMERICAL ANALYSIS
 . **GRAEFF CALCULUS**

GRAFTING
 RT IMPLANTATION
 INSERTION

GRAIN BOUNDARIES
 GS BOUNDARIES
 . **GRAIN BOUNDARIES**
 RT CRYSTAL DISLOCATIONS
 GRAIN SIZE
 INTERGRANULAR CORROSION
 INTERSTICES
 INTERSTITIALS
 PRECIPITATES
 TRANSGRANULAR CORROSION
 TWINNING

GRAIN SIZE
 GS SIZE (DIMENSIONS)
 . **GRAIN SIZE**
 RT GRAIN BOUNDARIES
 METAL FATIGUE
 MICROSTRUCTURE
 PARTICLE SIZE DISTRIBUTION

GRAINS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CRYSTALS
 GRAINS (FOOD)
 GRANULAR MATERIALS
 PARTICLES
 PROPELLANT GRAINS

GRAINS (FOOD)
 GS FARM CROPS
 . **GRAINS (FOOD)**
 . BARLEY
 . CORN
 . MILLET
 . OATS
 . RICE
 . SORGHUM
 . WHEAT
 RT ANGIOSPERMS
 EARTH RESOURCES
 ∞ GRAINS
 GRASSES
 SEEDS

GRAMMARS
 RT LANGUAGES
 PARSING ALGORITHMS
 SEMANTICS
 SYNTAX
 VOWELS
 WORDS (LANGUAGE)

GRAND CANYON (AZ)
 GS LANDFORMS
 . CANYONS
 . **GRAND CANYON (AZ)**
 RT ARIZONA

GRAND TOURS
 UF OUTER PLANET MISSIONS
 GS SPACE MISSIONS
 . FLYBY MISSIONS
 . **GRAND TOURS**

GRAND TOURS--(cont.)
 . . . MARINER JUPITER-SATURN FLYBY
 . . . MARINER JUPITER-URANUS FLYBY
 . . . VOYAGER 1977 MISSION
 RT ∞ MISSIONS
 OUTER PLANETS EXPLORERS
 SPACE FLIGHT
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT

GRAND UNIFIED THEORY
 UF GUT
 GS FIELD THEORY (PHYSICS)
 . **GRAND UNIFIED THEORY**
 . . UNIFIED FIELD THEORY
 RT ASTROPHYSICS
 BIG BANG COSMOLOGY
 BROKEN SYMMETRY
 COSMOLOGY
 EINSTEIN EQUATIONS
 ELECTROMAGNETIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMAGNETISM
 GRAVITATION THEORY
 GRAVITATIONAL FIELDS
 PARTICLE THEORY
 PLASMA PHYSICS
 RELATIVITY
 STRING THEORY
 STRONG INTERACTIONS (FIELD
 THEORY)
 SUPERSYMMETRY
 SYMMETRY
 THEORETICAL PHYSICS
 WEAK ENERGY INTERACTIONS
 WEAK INTERACTIONS (FIELD THEORY)

GRANITE
 GS ROCKS
 . IGNEOUS ROCKS
 . **GRANITE**
 RT BATHOLITHS
 EARTH RESOURCES
 SOILS

GRANTS
 RT APPROPRIATIONS
 BUDGETING
 CONTRACTS
 INSURANCE (CONTRACTS)
 NASA PROGRAMS
 PATENTS
 SUBCONTRACTS

GRANULAR MATERIALS
 RT BRITTLE MATERIALS
 ∞ GRAINS
 LOW DENSITY MATERIALS
 ∞ MATERIALS
 PARTICLES
 PELLETS
 POWDER (PARTICLES)

GRAPH THEORY
 RT COMBINATORIAL ANALYSIS
 GRAPHS (CHARTS)
 MATHEMATICAL MODELS
 SET THEORY
 ∞ THEORIES
 TOPOLOGY
 TREES (MATHEMATICS)

GRAPHIC ARTS
 GS ARTS
 . **GRAPHIC ARTS**
 . . ANIMATION
 . . . COMPUTER ANIMATION
 RT CHARTS
 DIAGRAMS
 DRAFTING (DRAWING)
 DRAWINGS
 ENGINEERING DRAWINGS
 IMAGERY
 INKS
 MOTION PICTURES
 MULTIMEDIA
 PHOTOGRAPHY
 ∞ PROJECTION

**GRAPHIC EVALUATION AND REVIEW
 TECHNIQUES**
 USE GERT

GRAPHICAL USER INTERFACE
 UF GUI (COMPUTERS)

GRAPHICAL USER INTERFACE--(cont.)

GS **GRAPHICAL USER INTERFACE**
 . WINDOWS (COMPUTER PROGRAMS)
 RT COMPUTER GRAPHICS
 DISK OPERATING SYSTEM (DOS)
 DISPLAY DEVICES
 MAN-COMPUTER INTERFACE

GRAPHITE

GS CARBONACEOUS MATERIALS
 . **GRAPHITE**
 . . PYROLYTIC GRAPHITE
 MINERALS
 . **GRAPHITE**
 . . PYROLYTIC GRAPHITE
 RT ALUMINUM GRAPHITE COMPOSITES
 BUCKMINSTERFULLERENE
 CARBON
 ELECTRODES
 FIBER COMPOSITES
 FIBER RELEASE
 FULLERENES
 GRAPHITE-EPOXY COMPOSITES
 INTERCALATION
 LUBRICANTS
 MODERATORS
 SINGLE CRYSTALS
 SOLID LUBRICANTS
 SYNTHETIC METALS

GRAPHITE-EPOXY COMPOSITES

GS COMPOSITE MATERIALS
 . RESIN MATRIX COMPOSITES
 . . **GRAPHITE-EPOXY COMPOSITES**
 . SUPERHYBRID MATERIALS
 . . **GRAPHITE-EPOXY COMPOSITES**
 RT BRAIDED COMPOSITES
 CARBON FIBER REINFORCED PLASTICS
 ∞ CONSTRUCTION MATERIALS
 EPOXY RESINS
 FIBER COMPOSITES
 GRAPHITE
 GRAPHITE-POLYIMIDE COMPOSITES
 ∞ MATERIALS
 REINFORCED PLASTICS
 REINFORCING FIBERS
 SHEET MOLDING COMPOUNDS
 WOVEN COMPOSITES

GRAPHITE-POLYIMIDE COMPOSITES

GS COMPOSITE MATERIALS
 . POLYMER MATRIX COMPOSITES
 . . **GRAPHITE-POLYIMIDE COMPOSITES**
 RT GRAPHITE-EPOXY COMPOSITES

GRAPHITIZATION

RT ANNEALING
 HEAT TREATMENT

GRAPHOEPIITAXY

RT AMORPHOUS MATERIALS
 CRYSTAL LATTICES
 CRYSTAL STRUCTURE

GRAPHOLOGY

GS HANDWRITING
 . **GRAPHOLOGY**
 RECOGNITION
 . PATTERN RECOGNITION
 . . **GRAPHOLOGY**
 RT CHARACTER RECOGNITION

GRAPHS (CHARTS)

UF POLARIZATION CHARTS
 GS CHARTS
 . **GRAPHS (CHARTS)**
 . . BOND GRAPHS
 . . GOMPERTZ CURVES
 . . MOLLIER DIAGRAM
 . . PATTERSON MAP
 RT CONFORMAL MAPPING
 ∞ CURVES
 FAULT TREES
 GRAPH THEORY
 HISTOGRAMS
 ∞ NETWORKS
 NOMOGRAPHS
 ∞ ORIGINS
 PETRI NETS
 RECORDING INSTRUMENTS
 REPRESENTATIONS
 STATISTICAL ANALYSIS
 TREES (MATHEMATICS)

GRASHOF NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . **GRASHOF NUMBER**
 RT CONVECTION
 PRANDTL NUMBER
 REYNOLDS NUMBER

GRASSES

GS PLANTS (BOTANY)
 . **GRASSES**
 . . HAY
 . . REEDS (PLANTS)
 . . SEA GRASSES
 . . SORGHUM
 RT ALFALFA
 CANOPIES (VEGETATION)
 DEFOLIATION
 FARM CROPS
 FARMLANDS
 GRAINS (FOOD)
 GRASSLANDS
 MILLET
 OATS
 SOD

GRASSHOPPERS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **GRASSHOPPERS**

GRASSLANDS

UF GRAZING LANDS
 MEADOWLANDS
 PRAIRIES
 SAVANNAHS
 GS LAND
 . **GRASSLANDS**
 . . LLANOS ORIENTALES (COLOMBIA)
 RT AGRICULTURE
 CROP GROWTH
 EARTH RESOURCES
 FARM CROPS
 FARMLANDS
 GRASSES
 HAY
 LAND USE
 PLAINS
 PLOWING
 RANGELANDS
 RURAL AREAS
 RURAL LAND USE
 SOD
 STEPPES

GRASSMANN ALGEBRA

USE VECTOR SPACES

∞ GRATINGS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT GRATINGS (SPECTRA)
 INTERFERENCE GRATING
 OPTICAL FILTERS

GRATINGS (SPECTRA)

UF DIFFRACTION GRATINGS
 GS **GRATINGS (SPECTRA)**
 . ECHELETTE GRATINGS
 . ECHELLE GRATINGS
 RT DIFFRACTION RADIATION
 FRESNEL DIFFRACTION
 ∞ GRATINGS
 OPTICAL FILTERS
 RONCHI TEST
 ROWLAND CIRCLES

GRAUPEL

GS PRECIPITATION (METEOROLOGY)
 . **GRAUPEL**
 RT CLOUD GLACIATION
 CLOUD PHYSICS
 HAIL
 HAILSTORMS
 ICE FORMATION
 ICE NUCLEI
 SNOW

GRAVEL DEPOSITS

USE GRAVELS

GRAVELS

UF GRAVEL DEPOSITS
 GS SEDIMENTS
 . **GRAVELS**
 SOILS
 . **GRAVELS**
 RT AGGREGATES
 ALLUVIUM
 AQUIFERS
 BOREHOLES
 FANS (LANDFORMS)
 GRIT
 SANDS

GRAVIMETERS

UF GRAVITY METERS
 GS MEASURING INSTRUMENTS
 . **GRAVIMETERS**
 RT ACCELEROMETERS
 DENSITOMETERS
 GEODESY
 GEOPHYSICS
 GRAVIMETRY
 GRAVITATION
 MICRODENSITOMETERS

GRAVIMETRY

RT ∞ ACCELERATION
 ACCELEROMETERS
 GEOLOGY
 GEOPHYSICS
 GRAVIMETERS
 GRAVITATIONAL FIELDS
 ∞ MEASUREMENT
 QUANTITATIVE ANALYSIS

GRAVIRECEPTORS

GS ANATOMY
 . SENSE ORGANS
 . . **GRAVIRECEPTORS**
 . . . OTOLITH ORGANS
 RECEPTORS (PHYSIOLOGY)
 . **GRAVIRECEPTORS**
 . . OTOLITH ORGANS
 RT OCULOGRAVIC ILLUSIONS
 SENSITOMETRY
 VERTICAL PERCEPTION

GRAVITATION

UF GRAVITY
 GS **GRAVITATION**
 . ARTIFICIAL GRAVITY
 . EARTH GRAVITATION
 . GRAVITY ANOMALIES
 . LUNAR GRAVITATION
 . MICROGRAVITY
 . PLANETARY GRAVITATION
 . STELLAR GRAVITATION
 . . SOLAR GRAVITATION
 RT ANTIGRAVITY
 DRAG
 ENVIRONMENTS
 GEOPOTENTIAL RESEARCH MISSION
 GRAVIMETERS
 GRAVITATIONAL CONSTANT
 GRAVITATIONAL EFFECTS
 GRAVITATIONAL FIELDS
 GRAVITATIONAL WAVES
 GRAVITY GRADIOMETERS
 HIGH GRAVITY ENVIRONMENTS
 ISOSTASY
 LOW WEIGHT
 LUNAR GRAVITY SIMULATOR
 PENDULUMS
 ROCHE LIMIT
 SIMILITUDE LAW
 TERMINAL VELOCITY
 WEIGHT (MASS)
 WEIGHTLESSNESS

GRAVITATION THEORY

GS **GRAVITATION THEORY**
 . SUPERGRAVITY
 RT BIMETRIC THEORIES
 EVENT HORIZON
 GAUGE THEORY
 GRAND UNIFIED THEORY
 GRAVITATIONAL FIELDS
 GRAVITATIONAL WAVE ANTENNAS
 GRAVITONS
 GRAVITONS
 STRING THEORY
 SUPERSYMMETRY
 ∞ THEORIES
 UNIFIED FIELD THEORY

GRAVITATIONAL COLLAPSE

RT ASTROPHYSICS
 BLACK HOLES (ASTRONOMY)
 NAKED SINGULARITIES
 NEUTRAL CURRENTS
 QUASARS
 RELATIVISTIC PLASMAS
 STELLAR CORES
 STELLAR INTERIORS
 STELLAR SYSTEMS
 SUPERNOVAE
 WHITE HOLES (ASTRONOMY)

GRAVITATIONAL CONSTANT

GS CONSTANTS
 . GRAVITATIONAL CONSTANT
 RT BIG BANG COSMOLOGY

GRAVITATIONAL EFFECTS

GS GRAVITATIONAL EFFECTS
 . GRAVITATIONAL LENSES
 . LAGRANGIAN EQUILIBRIUM POINTS
 . LUNAR GRAVITATIONAL EFFECTS
 RT ACCELERATION STRESSES
 (PHYSIOLOGY)
 ACCELERATION TOLERANCE
 DROP TOWERS
 ∞ EFFECTS
 GEOTROPISM
 GRAVITATIONAL PHYSIOLOGY
 GRAVITROPISM
 GRAVITY PROBE B
 LANGLEY COMPLEX COORDINATOR
 LOWER BODY NEGATIVE PRESSURE
 ORBITAL RESONANCES (CELESTIAL
 MECHANICS)
 REISSNER-NORDSTROM SOLUTION
 STELLAR MASS ACCRETION
 STELLAR SYSTEMS
 SWINGBY TECHNIQUE
 WEIGHTLESSNESS

GRAVITATIONAL FIELDS

UF GRAVITATIONAL POTENTIAL
 RT ATTRACTION
 CENTER OF GRAVITY
 EARTH GRAVITATION
 EARTH-MOON SYSTEM
 FIELD STRENGTH
 FIELD THEORY (PHYSICS)
 ∞ FIELDS
 GEOPOTENTIAL
 GEOPOTENTIAL HEIGHT
 GEOPOTENTIAL RESEARCH MISSION
 GRAND UNIFIED THEORY
 GRAVIMETRY
 GRAVITATION THEORY
 GRAVITATIONAL LENSES
 GRAVITY ANOMALIES
 LAGRANGIAN EQUILIBRIUM POINTS
 MULTIPOLAR FIELDS
 SATELLITE PERTURBATION
 SCHWARZSCHILD METRIC
 STELLAR GRAVITATION
 UNIFIED FIELD THEORY
 YANG-MILLS FIELDS

GRAVITATIONAL LENSES

GS GRAVITATIONAL EFFECTS
 . GRAVITATIONAL LENSES
 LENSES
 . GRAVITATIONAL LENSES
 RT BLACK HOLES (ASTRONOMY)
 FOCUSING
 GRAVITATIONAL FIELDS
 LIGHT SCATTERING
 NEUTRON STARS
 RELATIVISTIC EFFECTS
 RELATIVITY
 STELLAR GRAVITATION
 WHITE HOLES (ASTRONOMY)

GRAVITATIONAL PHYSIOLOGY

GS PHYSIOLOGY
 . GRAVITATIONAL PHYSIOLOGY
 RT ACCELERATION STRESSES
 (PHYSIOLOGY)
 AEROSPACE MEDICINE
 CENTRIFUGING STRESS
 GRAVITATIONAL EFFECTS
 PHYSIOLOGICAL ACCELERATION
 PHYSIOLOGICAL EFFECTS
 PHYSIOLOGICAL RESPONSES
 SPACE FLIGHT STRESS
 STRESS (PHYSIOLOGY)

GRAVITATIONAL POTENTIAL

USE GRAVITATIONAL FIELDS

GRAVITATIONAL RADIATION

USE GRAVITATIONAL WAVES

GRAVITATIONAL WAVE ANTENNAS

GS ANTENNAS
 . GRAVITATIONAL WAVE ANTENNAS
 RT ANTENNA DESIGN
 CRYOGENIC EQUIPMENT
 GRAVITATION THEORY

GRAVITATIONAL WAVES

UF GRAVITATIONAL RADIATION
 RT CELESTIAL BODIES
 CELESTIAL MECHANICS
 EARTH-MOON SYSTEM
 GRAVITY WAVES
 ∞ RADIATION
 ∞ WAVES

GRAVITINOS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . GRAVITINOS
 . NEUTRAL PARTICLES
 . GRAVITINOS
 RT BARYONS
 COSMOLOGY
 DECOUPLING
 GRAVITATION THEORY
 GRAVITONS
 NEUTRINOS
 PARTICLE MASS
 SUPERGRAVITY
 WEAK ENERGY INTERACTIONS

GRAVITONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . GRAVITONS
 RT ATOMIC STRUCTURE
 GRAVITATION THEORY
 GRAVITINOS
 SUPERGRAVITY

GRAVITROPISM

GS TROPISM
 . GRAVITROPISM
 RT CALMODULIN
 GRAVITATIONAL EFFECTS
 PLANTS (BOTANY)
 VEGETATION GROWTH

GRAVITY

USE GRAVITATION

GRAVITY ANOMALIES

GS ANOMALIES
 . GRAVITY ANOMALIES
 GRAVITATION
 . GRAVITY ANOMALIES
 RT EARTH GRAVITATION
 GRAVITATIONAL FIELDS
 MASCONS

GRAVITY ASSIST TRAJECTORIES

USE SWINGBY TECHNIQUE

GRAVITY GRADIENT SATELLITES

GS ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 . . . ATS
 . . . ATS 1
 . . . ATS 2
 . . . ATS 3
 . . . ATS 4
 . . . ATS 5
 . . . ATS 6
 . . . ATS 7
 . . . ATS 8
 . . . ORBIS CAL SATELLITE
 RT ARTIFICIAL GRAVITY
 EXPULSION
 MANNED SPACECRAFT
 OV-1 SATELLITES
 OV-2 SATELLITES
 OV-3 SATELLITES
 OV-4 SATELLITES
 OV-5 SATELLITES
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL
 SPIN REDUCTION

GRAVITY GRADIENT SATELLITES--(cont.)

UNMANNED SPACECRAFT

GRAVITY GRADIOMETERS

GS MEASURING INSTRUMENTS
 . GRAVITY GRADIOMETERS
 RT GRADIENTS
 ∞ GRADIOMETERS
 GRAVITATION

GRAVITY METERS

USE GRAVIMETERS

GRAVITY PROBE B

RT GRAVITATIONAL EFFECTS
 GYROSCOPES
 NASA PROGRAMS
 RELATIVITY

GRAVITY WAVES

GS ELASTIC WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . . BAROCLINIC WAVES
 SURFACE WAVES
 . CAPILLARY WAVES
 . GRAVITY WAVES
 . . . BAROCLINIC WAVES
 RT CNOIDAL WAVES
 GRAVITATIONAL WAVES
 PLANETARY WAVES
 RIPPLES
 WATER WAVES
 WIND (METEOROLOGY)

GRAVSAT SATELLITES

USE GEOPOTENTIAL RESEARCH MISSION

GRAY GAS

GS GASES
 . GRAY GAS
 RT NONGRAY ATMOSPHERES
 RADIATION ABSORPTION
 RAYLEIGH SCATTERING
 THERMAL ABSORPTION

GRAY SCALE

RT AERIAL PHOTOGRAPHY
 IMAGE CONTRAST
 IMAGE ENHANCEMENT
 IMAGE PROCESSING
 IMAGING TECHNIQUES
 OPTICAL DATA PROCESSING
 PATTERN RECOGNITION

GRAZING

GS INGESTION (BIOLOGY)
 . GRAZING
 RT ANIMALS
 CATTLE
 DEER
 GOATS
 HORSES
 RANGELANDS
 RURAL LAND USE
 SWINE

GRAZING FLOW

RT ACOUSTIC ATTENUATION
 ACOUSTIC DUCTS
 ACOUSTIC IMPEDANCE
 ACOUSTIC MEASUREMENT
 ACOUSTIC PROPERTIES
 AEROACOUSTICS
 ∞ FLOW
 NOISE REDUCTION
 ORIFICE FLOW
 RESONATORS
 SHEAR FLOW

GRAZING INCIDENCE

GS INCIDENCE
 . GRAZING INCIDENCE
 RT ABERRATION
 ANGLES (GEOMETRY)
 GRAZING INCIDENCE TELESCOPES
 OPTICAL MEASUREMENT
 RAY TRACING

GRAZING INCIDENCE SOLAR TELESCOPE

USE GRIST (TELESCOPE)

GRAZING INCIDENCE TELESCOPES

GS TELESCOPES

GRAZING INCIDENCE TELESCOPES--(cont.)
 . **GRAZING INCIDENCE TELESCOPES**
 . . GRIST (TELESCOPE)
 RT GRAZING INCIDENCE
 X RAY ASTRONOMY
 X RAY TELESCOPES

GRAZING LANDS
 USE GRASSLANDS

GREASES
 GS PRODUCTS
 . **GREASES**
 RT FATS
 KEROGEN
 LUBRICANTS
 OILS
 PETROLEUM PRODUCTS
 THICKENERS (MATERIALS)

GREAT BASIN (US)
 GS LANDFORMS
 . STRUCTURAL BASINS
 . . **GREAT BASIN (US)**
 RT CALIFORNIA
 EARTH RESOURCES
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOLOGY
 NEVADA
 STRUCTURAL PROPERTIES (GEOLOGY)
 UTAH

GREAT BRITAIN
 USE UNITED KINGDOM

GREAT CIRCLES
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . CIRCLES (GEOMETRY)
 . . . **GREAT CIRCLES**
 RT FLIGHT OPTIMIZATION
 FLIGHT PATHS
 GROUND TRACKS
 TRAJECTORIES

GREAT LAKES (NORTH AMERICA)
 GS LAKES
 . **GREAT LAKES (NORTH AMERICA)**
 . . LAKE ERIE
 . . LAKE HURON
 . . LAKE MICHIGAN
 . . LAKE ONTARIO
 . . LAKE SUPERIOR
 RT CANADA
 CANALS
 EARTH RESOURCES
 INLAND WATERS
 INTERNATIONAL FIELD YEAR FOR
 GREAT LAKES
 RESOURCES
 UNITED STATES
 WATER FLOW
 WATER RESOURCES

GREAT PLAINS CORRIDOR (NORTH AMERICA)
 GS CORRIDORS
 . **GREAT PLAINS CORRIDOR (NORTH AMERICA)**
 RT AGRICULTURE
 CANADA
 PLAINS
 RURAL LAND USE
 UNITED STATES

GREAT SALT LAKE (UT)
 GS LAKES
 . **GREAT SALT LAKE (UT)**
 RT EARTH RESOURCES
 HYDROLOGY
 INLAND WATERS
 PONDS
 UTAH

GREAT SMOKY MOUNTAINS (NC-TN)
 GS LANDFORMS
 . MOUNTAINS
 . . **GREAT SMOKY MOUNTAINS (NC-TN)**
 RT NORTH CAROLINA
 TENNESSEE

GREB SATELLITES
 SN (GALACTIC RADIATION EXPERIMENTAL
 BACKGROUND SATELLITES)

GREB SATELLITES--(cont.)
 UF GALACTIC RADIATION EXP
 BACKGROUND SATS
 GS ARTIFICIAL SATELLITES
 . **GREB SATELLITES**

GREECE
 GS NATIONS
 . **GREECE**
 RT CYPRUS
 EUROPE
 GREEK SPACE PROGRAM

GREEK SPACE PROGRAM
 GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . **GREEK SPACE PROGRAM**
 RT GREECE

GREEN THEOREM
 USE GREEN'S FUNCTIONS

GREEN WAVE EFFECT
 RT ANNUAL VARIATIONS
 BOTANY
 CHLOROPHYLLS
 ∞ EFFECTS
 FOLIAGE
 LEAVES

GREEN'S FUNCTIONS
 UF GREEN THEOREM
 GREEN'S THEOREM
 GREEN'S THEOREM
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **GREEN'S FUNCTIONS**
 . . FUNCTIONS (MATHEMATICS)
 . . **GREEN'S FUNCTIONS**
 RT DIFFERENTIAL EQUATIONS
 FIELD THEORY (ALGEBRA)
 FIELD THEORY (PHYSICS)
 HALF PLANES
 HALF SPACES
 JACOBI INTEGRAL
 MANY BODY PROBLEM

GREEN'S THEOREM
 USE GREEN'S FUNCTIONS

GREEN'S THEOREM
 USE GREEN'S FUNCTIONS

GREENHOUSE EFFECT
 RT ATMOSPHERIC HEAT BUDGET
 ATMOSPHERIC RADIATION
 CHLOROFLUOROCARBONS
 CLIMATE CHANGE
 EARTH ATMOSPHERE
 ∞ EFFECTS
 ENVIRONMENT EFFECTS
 GAIA HYPOTHESIS
 GLOBAL WARMING
 INSOLATION
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 VENUS CLOUDS

GREENHOUSES
 RT BUILDINGS
 PHYTOTRONS
 PLANTS (BOTANY)

GREENLAND
 GS LANDFORMS
 . ISLANDS
 . . **GREENLAND**
 RT ARCTIC OCEAN
 DENMARK

GREGORIAN ANTENNAS
 RT ANTENNA DESIGN
 ANTENNA FEEDS
 ANTENNA RADIATION PATTERNS
 ANTENNAS
 CASSEGRAIN ANTENNAS
 MICROWAVE ANTENNAS

GRENADA
 GS LANDFORMS
 . ISLANDS
 . . WEST INDIES
 . . . **GRENADA**

GRENADA--(cont.)
 NATIONS
 . **GRENADA**
 RT CARIBBEAN REGION

GRENADES
 RT AMMUNITION
 INCENDIARY AMMUNITION
 PYROTECHNICS

GRID GENERATION (MATHEMATICS)
 UF MESH GENERATION (MATHEMATICS)
 RT COMPUTATIONAL FLUID DYNAMICS
 COMPUTATIONAL GRIDS
 COORDINATES
 FINITE DIFFERENCE THEORY
 FINITE ELEMENT METHOD
 MULTIGRID METHODS

∞ **GRIDS**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COMPUTATIONAL GRIDS
 COORDINATES
 IONIZERS
 ∞ MATRICES
 MESH
 RETICLES
 TUBE GRIDS
 TURNSTILE ANTENNAS
 WIRE GRID LENSES

GRIDS (MATHEMATICS)
 USE COMPUTATIONAL GRIDS

GRIFFITH CRACK
 RT CRACK CLOSURE
 CRACK PROPAGATION
 FRACTURE MECHANICS
 GLASS
 ∞ THEORIES

GRIFFON AIRCRAFT
 USE NORD 1500 AIRCRAFT

GRIGG-SKJELLERUP COMET
 GS CELESTIAL BODIES
 . COMETS
 . . **GRIGG-SKJELLERUP COMET**
 RT ∞ COMA
 COMET TAILS
 SOLAR SYSTEM
 SOLAR WIND

GRIGNARD REACTIONS
 GS CHEMICAL REACTIONS
 . **GRIGNARD REACTIONS**
 RT CATALYSTS

∞ **GRINDING**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT GRINDING (COMMINUTION)
 GRINDING (MATERIAL REMOVAL)

GRINDING (COMMINUTION)
 UF PULVERIZING
 GS COMMINUTION
 . **GRINDING (COMMINUTION)**
 RT ATOMIZING
 COMPOUNDING
 CRUSHING
 DISINTEGRATION
 GRINDING (MATERIAL REMOVAL)
 MIXING

GRINDING (MATERIAL REMOVAL)
 GS **GRINDING (MATERIAL REMOVAL)**
 . METAL GRINDING
 RT ABRASION
 COUNTERSINKING
 CUTTING
 ∞ GRINDING
 GRINDING (COMMINUTION)
 GROOVING
 MACHINING
 METAL CUTTING
 MICROMACHINING
 PLANING
 POLISHING
 SCARFING
 WEAR

GRINDING MACHINES

- GS TOOLS
 - . MACHINE TOOLS
 - . GRINDING MACHINES
- RT LATHES
 - ∞ MACHINERY
 - METAL GRINDING
 - MILLING MACHINES
 - SHAPERS
 - ULTRASONIC CLEANING

GRINDING MILLS

- RT ATOMIZERS
- ATOMIZING
- COMMUNITION
- CRUSHERS
- IMPACTORS
- MIXERS

GRIST (TELESCOPE)

- UF GRAZING INCIDENCE SOLAR TELESCOPE
- GS TELESCOPES
 - . GRAZING INCIDENCE TELESCOPES
 - . GRIST (TELESCOPE)
- RT ENERGY SPECTRA
- SOLAR COSMIC RAYS
- SPACELAB
- SUN

GRIT

- RT ABRASIVES
- GRAVELS
- PARTICLES
- SANDS
- SEDIMENTS

GROOVES

- GS GROOVES
 - . V GROOVES
 - . RIBLETS
- RT CORRUGATING
- GROOVING

GROOVING

- UF FLUTING
- RT CUTTING
- GRINDING (MATERIAL REMOVAL)
- GROOVES
- KNURLING
- MACHINING
- MICROMACHINING
- MILLING (MACHINING)
- STRIATION

GROSS NATIONAL PRODUCT

- UF GNP
- GS PRODUCTS
 - . GROSS NATIONAL PRODUCT
- RT COMMERCE
- COSTS
- ECONOMETRICS
- FINANCE
- INDUSTRIES

GROUND BASED CONTROL

- GS GROUND BASED CONTROL
 - . AIR TRAFFIC CONTROL
 - . . AUTOMATED EN ROUTE ATC
 - . . RADAR APPROACH CONTROL
- RT AIR TRAFFIC CONTROLLERS (PERSONNEL)
- AIRCRAFT APPROACH SPACING
- AIRCRAFT CONTROL
- AIRPORT SURFACE DETECTION EQUIPMENT
- AIRPORT TOWERS
- APPROACH
- APPROACH CONTROL
- AUTOMATIC CONTROL
- AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
- ∞ CONTROL
- FLIGHT CONTROL
- FLIGHT MANAGEMENT SYSTEMS
- FLY BY WIRE CONTROL
- GUIDANCE (MOTION)
- INSTRUMENT LANDING SYSTEMS
- INTEGRATED MISSION CONTROL CENTER
- LANDING AIDS
- MISSILE CONTROL
- RADAR NAVIGATION
- RADIO CONTROL
- REMOTE CONTROL

GROUND BASED CONTROL--(cont.)

- SPACECRAFT CONTROL
- SPACECRAFT GUIDANCE
- TRAFFIC CONTROL

GROUND CLOUDS

- USE EXHAUST CLOUDS

GROUND CREWS

- GS PERSONNEL
- . GROUND CREWS
- RT MAINTENANCE

GROUND EFFECT (AERODYNAMICS)

- RT AERODYNAMIC DRAG
- AERODYNAMICS
- AIR CUSHION LANDING SYSTEMS
- CUSHIONS
- DOWNWASH
- DRAG
- ∞ EFFECTS
- GROUND RESONANCE
- JET BLAST EFFECTS
- LIFT
- PERIPHERAL JET FLOW
- WAKES

GROUND EFFECT (COMMUNICATIONS)

- RT ECHOES
- ∞ EFFECTS
- ELECTROMAGNETIC INTERFERENCE
- ELECTROMAGNETIC NOISE
- RADIO ATTENUATION
- SIGNAL FADING
- WAVE REFLECTION

GROUND EFFECT MACHINES

- UF AIR CUSHION VEHICLES
- DTMB-111 GROUND EFFECT MACHINE
- DTMB-430 GROUND EFFECT MACHINE
- HOVERCRAFT

GROUND EFFECT MACHINES

- GS CUSHIONCRAFT GROUND EFFECT MACHINE
- . GETOL AIRCRAFT
- . HOVERCRAFT GROUND EFFECT MACHINES
- . WESTLAND GROUND EFFECT MACHINES

GROUND EFFECT MACHINES

- RT ∞ AIRCRAFT
- COMMERCIAL AIRCRAFT
- ∞ EFFECTS
- ∞ FLIGHT VEHICLES
- FLYING PLATFORMS
- HOVERING
- LIFTING ROTORS
- ∞ MACHINERY
- ∞ MILITARY AIRCRAFT
- PASSENGER AIRCRAFT
- PERIPHERAL JET FLOW
- RAPID TRANSIT SYSTEMS
- RESEARCH AIRCRAFT
- ∞ SUBSONIC AIRCRAFT
- SURFACE VEHICLES
- ∞ TRANSPORT VEHICLES
- V/STOL AIRCRAFT
- ∞ VEHICLES
- WATER TAKEOFF AND LANDING AIRCRAFT

GROUND HANDLING

- GS MATERIALS HANDLING
- . GROUND HANDLING
- RT AIR CARGO
- BAGGAGE
- CREW PROCEDURES (PREFLIGHT)
- ∞ FACILITIES
- FLIGHT OPERATIONS
- HANGARS
- MOBILE LOUNGES
- TRACTORS
- TRUCKS

GROUND OPERATIONAL SUPPORT SYSTEM

- UF GOSS (SUPPORT SYSTEM)
- GS . GROUND SUPPORT EQUIPMENT
- . GROUND OPERATIONAL SUPPORT SYSTEM
- SUPPORT SYSTEMS
- . GROUND OPERATIONAL SUPPORT SYSTEM
- WEAPON SYSTEMS
- . GROUND OPERATIONAL SUPPORT SYSTEM
- RT ∞ SYSTEMS

GROUND SUPPORT EQUIPMENT**GROUND RESONANCE**

- RT AERODYNAMIC STABILITY
- GROUND EFFECT (AERODYNAMICS)
- HELICOPTERS
- ROTARY WINGS
- ROTOR AERODYNAMICS

GROUND SPEED

- GS RATES (PER TIME)
- . GROUND SPEED
- VELOCITY
- . GROUND SPEED
- RT AIRSPEED
- HIGH SPEED
- LOW SPEED

GROUND SQUIRRELS

- GS ANIMALS
 - . VERTEBRATES
 - . . MAMMALS
 - . . . RODENTS
 - SQUIRRELS
 - GROUND SQUIRRELS

GROUND STATE

- GS LEVEL (QUANTITY)
- . ENERGY LEVELS
- . . GROUND STATE
- RT ATOMIC ENERGY LEVELS
- ATOMIC THEORY
- ELECTRON STATES
- QUANTUM THEORY

GROUND STATIONS

- GS STATIONS
 - . GROUND STATIONS
 - . . DEEP SPACE INSTRUMENTATION FACILITY
 - . . EARTH TERMINALS
 - . . INTEGRATED MISSION CONTROL CENTER
 - . . POLYSTATION DOPPLER TRACKING SYSTEM
 - . . SPACE DETECTION AND TRACKING SYSTEM
 - . . STDN (NETWORK)
- RT DATA ACQUISITION
- DATA COLLECTION PLATFORMS
- DOWNLINKING
- GLOBAL TRACKING NETWORK
- HANGARS
- INTEGRATED GLOBAL OCEAN STATION SYSTEMS
- JODRELL BANK OBSERVATORY
- LAND MOBILE SATELLITE SERVICE
- MSAT
- OCEAN DATA ACQUISITIONS SYSTEMS
- POLLUTION MONITORING
- SPACE FLIGHT TRACKING AND DATA NETWORK
- TRACKING STATIONS
- WEATHER STATIONS

GROUND SUPPORT EQUIPMENT

- GS GROUND SUPPORT EQUIPMENT
 - . GROUND OPERATIONAL SUPPORT SYSTEM
- RT AIR TRAFFIC CONTROL
- AIRCRAFT MAINTENANCE
- AIRPORT PLANNING
- AUXILIARY POWER SOURCES
- BALLISTIC CAMERAS
- CAPE KENNEDY LAUNCH COMPLEX
- COMMAND AND CONTROL
- COMMAND GUIDANCE
- CRAWLER TRACTORS
- EARTH TERMINAL MEASUREMENT SYSTEM
- ∞ EQUIPMENT
- FLIGHT CONTROL
- GANTRY CRANES
- HANDLING EQUIPMENT
- LANDING AIDS
- LAUNCHING BASES
- LAUNCHING PADS
- LAUNCHING SITES
- MAINTENANCE
- MISSILE LAUNCHERS
- MISSILE STORAGE
- MISSILES
- ORDNANCE
- PROPELLANT STORAGE
- RADIO TELEMETRY
- REFUELING
- ROCKET LAUNCHERS

GROUND SUPPORT EQUIPMENT--(cont.)

SATELLITE GROUND SUPPORT
 ∞ SPACECRAFT
 STORABLE PROPELLANTS
 ∞ TEST EQUIPMENT
 TRACKING NETWORKS
 TRACKING STATIONS

GROUND SUPPORT SYSTEMS

GS SUPPORT SYSTEMS
 . **GROUND SUPPORT SYSTEMS**
 RT COMMONALITY
 ∞ SYSTEMS

GROUND TESTS

GS **GROUND TESTS**
 . COLD FLOW TESTS
 . PRELAUNCH TESTS
 . . . STATIC FIRING
 RT AIRCRAFT RUNUP
 CAPTIVE TESTS
 CREW PROCEDURES (PREFLIGHT)
 ELECTRIC EQUIPMENT TESTS
 ENGINE TESTS
 FLIGHT TESTS
 FULL SCALE TESTS
 MISSILE TESTS
 PREFIRING TESTS
 PREFLIGHT OPERATIONS
 SPACE ELECTRIC ROCKET TESTS
 STABILITY TESTS
 STATIC TESTS
 TEST FIRING
 ∞ TESTS
 WING FLOW METHOD TESTS

GROUND TRACKS

GS **GROUND TRACKS**
 . SATELLITE GROUND TRACKS
 RT AREA NAVIGATION
 FLIGHT PATHS
 GREAT CIRCLES
 ORBITS
 ∞ PATHS
 ∞ TRACKS

GROUND TRUTH

RT AERIAL PHOTOGRAPHY
 AERIAL RECONNAISSANCE
 AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 CROP IDENTIFICATION
 IMAGERY
 IN SITU MEASUREMENT
 PHOTOINTERPRETATION
 PHOTORECONNAISSANCE
 SPECTROPHOTOGRAPHY

GROUND WATER

UF GROUNDWATER
 GS WATER
 . INLAND WATERS
 . . **GROUND WATER**
 RT AQUIFERS
 EARTH RESOURCES
 FRESH WATER
 LIMNOLOGY
 LYSIMETERS
 POTABLE WATER
 SPRINGS (WATER)
 SURFACE WATER
 WATER FLOW
 WATER RESOURCES
 WATER RUNOFF
 WATER TABLES
 WELLS

GROUND WAVE PROPAGATION

GS TRANSMISSION
 . WAVE PROPAGATION
 . . **GROUND WAVE PROPAGATION**
 RT RADIO WAVES
 SELECTIVE FADING
 SKY WAVES

GROUND WIND

GS WIND (METEOROLOGY)
 . **GROUND WIND**
 RT AIR CURRENTS
 ATMOSPHERIC CIRCULATION
 CYCLONES
 GUST LOADS
 GUSTS
 MONSOONS
 SQUALLS

GROUND WIND--(cont.)

STORMS (METEOROLOGY)
 TORNADOES
 WIND DIRECTION
 WIND EFFECTS
 WIND EROSION
 WIND PRESSURE
 WIND PROFILES
 WIND SHEAR
 WIND VELOCITY
 WINDMILLS (WINDPOWERED MACHINES)
 WINDPOWER UTILIZATION
 WINDPOWERED GENERATORS

GROUND-AIR-GROUND COMMUNICATION

GS COMMUNICATING
 . **GROUND-AIR-GROUND COMMUNICATION**
 TELECOMMUNICATION
 . **GROUND-AIR-GROUND COMMUNICATION**
 RT AERONAUTICAL SATELLITES
 AIR TRAFFIC CONTROL
 AIRCRAFT COMMUNICATION
 AUTOMATED EN ROUTE ATC
 COMMUNICATION SATELLITES
 DISCRETE ADDRESS BEACON SYSTEM
 OPTICAL COMMUNICATION
 RADIO COMMUNICATION
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION
 VOICE COMMUNICATION

GROUND-TO-AIR MISSILES

USE SURFACE TO AIR MISSILES

GROUNDWATER

USE GROUND WATER

GROUP BEHAVIOR

USE GROUP DYNAMICS

GROUP DYNAMICS

UF GROUP BEHAVIOR
 RT DEPENDENCE
 ∞ DYNAMICS
 ETHNIC FACTORS
 PROBLEM SOLVING
 SOCIOLOGY

GROUP THEORY

GS ALGEBRA
 . **GROUP THEORY**
 . . HOMOMORPHISMS
 . . . AUTOMORPHISMS
 . . . MONOIDS
 . . . SUBGROUPS
 RT CHIRAL DYNAMICS
 FIBERS (MATHEMATICS)
 LIE GROUPS
 SUPERGRAVITY
 SUPERSYMMETRY
 ∞ THEORIES

GROUP VELOCITY

GS RATES (PER TIME)
 . **GROUP VELOCITY**
 VELOCITY
 . **GROUP VELOCITY**
 RT BEAT FREQUENCIES
 HARMONIC MOTION
 PHASE VELOCITY
 PROPAGATION VELOCITY
 QUANTUM MECHANICS
 WAVE PROPAGATION

GROUP 1A COMPOUNDS

USE ALKALI METAL COMPOUNDS

∞ GROUP 1B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ∞ CHEMICAL COMPOUNDS
 COPPER COMPOUNDS
 NOBLE METALS
 SILVER COMPOUNDS

GROUP 2A COMPOUNDS

USE ALKALINE EARTH COMPOUNDS

∞ GROUP 2B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CADMIUM COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 MERCURY COMPOUNDS
 ZINC COMPOUNDS

∞ GROUP 3A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ALUMINUM COMPOUNDS
 BORON COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 GALLIUM COMPOUNDS
 INDIUM COMPOUNDS

∞ GROUP 3B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ACTINIDE SERIES COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 CURIUM COMPOUNDS
 RARE EARTH COMPOUNDS
 SCANDIUM COMPOUNDS
 YTTRIUM COMPOUNDS

∞ GROUP 4A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CARBON COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 GERMANIUM COMPOUNDS
 LEAD COMPOUNDS
 SILICON COMPOUNDS
 TIN COMPOUNDS

∞ GROUP 4B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ∞ CHEMICAL COMPOUNDS
 HAFNIUM COMPOUNDS
 TITANIUM COMPOUNDS
 ZIRCONIUM COMPOUNDS

∞ GROUP 5A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF Pnictides
 RT ANTIMONY COMPOUNDS
 ARSENIC COMPOUNDS
 BISMUTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 NITROGEN COMPOUNDS
 OXYNITRIDES
 PHOSPHORUS COMPOUNDS

∞ GROUP 5B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ∞ CHEMICAL COMPOUNDS
 NIOBIUM COMPOUNDS
 TANTALUM COMPOUNDS
 VANADIUM COMPOUNDS

∞ GROUP 6A COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CHALCOGENIDES
 ∞ CHEMICAL COMPOUNDS
 POLONIUM COMPOUNDS
 SELENIUM COMPOUNDS
 SULFUR COMPOUNDS
 TELLURIUM COMPOUNDS

∞ GROUP 6B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ∞ CHEMICAL COMPOUNDS
 CHROMIUM COMPOUNDS
 MOLYBDENUM COMPOUNDS
 TUNGSTEN COMPOUNDS

GROUP 7A COMPOUNDS

USE HALOGEN COMPOUNDS

∞ GROUP 7B COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT ∞ CHEMICAL COMPOUNDS
MANGANESE COMPOUNDS
RHENIUM COMPOUNDS
TECHNETIUM COMPOUNDS

∞ GROUP 8 COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT ∞ CHEMICAL COMPOUNDS
COBALT COMPOUNDS
IRIDIUM COMPOUNDS
IRON COMPOUNDS
NICKEL COMPOUNDS
OSMIUM COMPOUNDS
PLATINUM COMPOUNDS
RHODIUM COMPOUNDS

∞ GROUPS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT CATEGORIES
CLASSES
SUBDIVISIONS

GROUT

RT AMORPHOUS MATERIALS
CEMENTS
CLAYS
CONCRETES
∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
MUD
PLASTERS
TILES

GROWTH

UF HYPERTROPHY
MATURING
GS **GROWTH**
... CRYSTAL GROWTH
... CZOCHRALSKI METHOD
... DIRECTIONAL SOLIDIFICATION
(CRYSTALS)
... EPITAXY
... ELECTROEPITAXY
... LIQUID PHASE EPITAXY
... MOLECULAR BEAM EPITAXY
... VAPOR PHASE EPITAXY
... HYDROTHERMAL CRYSTAL GROWTH
... PROTEIN CRYSTAL GROWTH
... TRAVELING SOLVENT METHOD
... VERNEUIL PROCESS
... VEGETATION GROWTH
... CROP GROWTH
RT ACCUMULATIONS
CROP CALENDARS
∞ DEVELOPMENT
EVOLUTION (DEVELOPMENT)
∞ FORMATION
GERMINATION
INCREASING
INFLATING
ONTOGENY
PHYTOTRONS
SHRINKAGE
SINTERING
SWELLING
TIMBER VIGOR
TIMBERLINE
TRENDS
VIABILITY
WARPAGE
YOUTH

GROWTH CHAMBERS

USE PHYTOTRONS

GRUMMAN AIRCRAFT

GS **GRUMMAN AIRCRAFT**
... A-6 AIRCRAFT
... C-1A AIRCRAFT
... C-2 AIRCRAFT
... E-2 AIRCRAFT
... F-9 AIRCRAFT
... F-14 AIRCRAFT
... F-111 AIRCRAFT
... JETSTREAM AIRCRAFT
... OV-1 AIRCRAFT
RT ∞ AIRCRAFT

GRUMMAN AIRCRAFT--(cont.)

AWACS AIRCRAFT

GRUMMAN OV-1C AIRCRAFT

USE OV-1 AIRCRAFT

GRUNEISEN CONSTANT

GS CONSTANTS
RT **GRUNEISEN CONSTANT**
COMPRESSIBILITY
SPECIFIC HEAT
THERMAL EXPANSION

GTDS

USE GODDARD TRAJECTORY
DETERMINATION SYSTEM

GUADELOUPE

GS LANDFORMS
... ISLANDS
... WEST INDIES
... **GUADELOUPE**
NATIONS
... FRANCE
... **GUADELOUPE**

GUAM

GS LANDFORMS
... ISLANDS
... PACIFIC ISLANDS
... **GUAM**
RT UNITED STATES

GUANETHIDINE

GS AMINES
... DIAMINES
... GUANIDINES
... **GUANETHIDINE**
ORGANIC COMPOUNDS
... CYCLIC COMPOUNDS
... HETEROCYCLIC COMPOUNDS
... **GUANETHIDINE**

GUANIDINES

GS AMINES
... DIAMINES
... **GUANIDINES**
... GUANETHIDINE
... TRIAMINO GUANIDINIUM AZIDE
RT PERFLUOROGUANIDINE

GUANINES

GS BASES (CHEMICAL)
... **GUANINES**
FUNGICIDES
... XANTHINES
... **GUANINES**
NITROGEN COMPOUNDS
... XANTHINES
... **GUANINES**
ORGANIC COMPOUNDS
... CYCLIC COMPOUNDS
... HETEROCYCLIC COMPOUNDS
... PURINES
... XANTHINES
... **GUANINES**
RT CYCLIC AMP

GUANOSINES

UF VERNINE
GS ORGANIC COMPOUNDS
... CARBOHYDRATES
... GLUCOSIDES
... NUCLEOSIDES
... **GUANOSINES**
RT NUCLEIC ACIDS
RIBONUCLEIC ACIDS

GUARDS (SHIELDS)

RT ∞ BARRIERS
COVERINGS
HOUSINGS
SAFETY DEVICES
SAFETY MANAGEMENT
SHIELDING

GUATEMALA

GS NATIONS
... **GUATEMALA**
RT CENTRAL AMERICA

GUAYULE

GS PLANTS (BOTANY)
... **GUAYULE**

GUAYULE--(cont.)

RT BRUSH (BOTANY)
RUBBER

GUI (COMPUTERS)

USE GRAPHICAL USER INTERFACE

GUIDANCE (MOTION)

GS **GUIDANCE (MOTION)**
... AIRCRAFT GUIDANCE
... BEAM RIDER GUIDANCE
... COMMAND GUIDANCE
... ENTRY GUIDANCE (STS)
... INERTIAL GUIDANCE
... STRAPDOWN INERTIAL GUIDANCE
... INJECTION GUIDANCE
... MAP MATCHING GUIDANCE
... MIDCOURSE GUIDANCE
... REENTRY GUIDANCE
... RENDEZVOUS GUIDANCE
... SPACECRAFT GUIDANCE
... SATELLITE GUIDANCE
... STANDARDIZED SPACE GUIDANCE
... TERMINAL GUIDANCE
... LASER GUIDANCE
RT AIR NAVIGATION
APPROACH
ASCENT TRAJECTORIES
ASTRONICS
AUTOMATIC CONTROL
AVIONICS
CONTROL SURFACES
FLIGHT CONTROL
FLIGHT PATHS
GROUND BASED CONTROL
HOMING
HOMING DEVICES
IMPACT PREDICTION
LANDING
MANUAL CONTROL
MISSILES
NAVIGATION
∞ PLATFORMS
POINTING CONTROL SYSTEMS
RADIO NAVIGATION
REMOTE CONTROL
STATIONKEEPING
∞ SYSTEMS
TRAJECTORY CONTROL
VISUAL CONTROL

GUIDANCE SENSORS

RT ATTITUDE CONTROL
IMAGE DISSECTOR TUBES
OPTICAL MEASURING INSTRUMENTS
∞ SENSORS
SOLAR SENSORS
SPACECRAFT INSTRUMENTS
STAR TRACKERS

GUIDE VANES

UF JETAVATORS
GS CONTROL SURFACES
... **GUIDE VANES**
... JET VANES
VANES
... **GUIDE VANES**
... JET VANES
RT AIRFOILS
HYDROFOILS
THRUST VECTOR CONTROL

GUIDED MISSILE SUBMARINES

UF POLARIS SUBMARINES
GS WATER VEHICLES
... SHIPS
... SUBMARINES
... **GUIDED MISSILE SUBMARINES**
... UNDERWATER VEHICLES
... SUBMARINES
... **GUIDED MISSILE SUBMARINES**
RT FLEET BALLISTIC MISSILES
POSEIDON MISSILES

GUINEA

GS NATIONS
... **GUINEA**
RT AFRICA

GUINEA PIGS

GS ANIMALS
... VERTEBRATES
... MAMMALS
... RODENTS
... **GUINEA PIGS**

GULF OF ALASKA

GS GULFS
 . GULF OF ALASKA
 RT ALASKA
 PACIFIC OCEAN

GULF OF CALIFORNIA (MEXICO)

GS GULFS
 . GULF OF CALIFORNIA (MEXICO)
 RT MEXICO
 PACIFIC OCEAN

GULF OF MEXICO

GS GULFS
 . GULF OF MEXICO
 RT ALABAMA
 CARIBBEAN SEA
 FLORIDA
 LOUISIANA
 MEXICO
 MISSISSIPPI
 RIO GRANDE (NORTH AMERICA)
 TEXAS

GULF STREAM

GS CIRCULATION
 . WATER CIRCULATION
 . . . WATER CURRENTS
 . . . OCEAN CURRENTS
 GULF STREAM
 RT ATLANTIC OCEAN
 CARIBBEAN SEA
 LOMONOSOV CURRENT
 SARGASSO SEA
 TOPEX

GULFS

GS GULFS
 . GULF OF ALASKA
 . GULF OF CALIFORNIA (MEXICO)
 . GULF OF MEXICO
 . PERSIAN GULF
 RT BAYS (TOPOGRAPHIC FEATURES)
 DELAWARE BAY (US)
 INLETS (TOPOGRAPHY)
 TOPOGRAPHY

GULLIVER PROGRAM

GS PROGRAMS
 . GULLIVER PROGRAM
 RT EXTRATERRESTRIAL LIFE
 SPACE EXPLORATION

GUM NEBULA

GS CELESTIAL BODIES
 . NEBULAE
 . . GUM NEBULA
 RT GALAXIES
 IRREGULAR GALAXIES
 ORION NEBULA

GUM VULCANIZATES

USE VULCANIZED ELASTOMERS

GUMBEL THEORY

USE RANGE (EXTREMES)

GUMS (SUBSTANCES)

GS GUMS (SUBSTANCES)
 . ROSIN
 RT CHITIN
 POLYSACCHARIDES
 RUBBER
 TARS

GUN LAUNCHERS

SN (LIMITED TO ORDNANCE DEVICES FOR
 FIRING MISSILES AND ROCKETS WITH
 INITIAL ATTITUDE CONTROL)
 GS LAUNCHERS
 . GUN LAUNCHERS
 RT ARTILLERY
 . . BARRELS
 . . GUNFIRE
 . . HOWITZERS
 . . HYPERVELOCITY LAUNCHERS
 . . MISSILE LAUNCHERS
 . . ROCKET CATAPULTS
 . . ROCKET LAUNCHERS
 . . SABOT PROJECTILES

GUN PROPELLANTS

UF GUNPOWDER
 GS PROPELLANTS

GUN PROPELLANTS--(cont.)

. GUN PROPELLANTS
 RT EXPLOSIVES
 GUNS (ORDNANCE)

GUN TURRETS

RT . . CUPOLAS
 GUNS (ORDNANCE)
 . . TURRET

GUNFIRE

RT ARTILLERY FIRE
 FIRE CONTROL
 FIRING (IGNITING)
 GUN LAUNCHERS
 GUNS (ORDNANCE)
 PROJECTILES

GUNN DIODES

GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . GUNN DIODES
 RT GALLIUM ARSENIDES
 NEGATIVE RESISTANCE DEVICES
 SEMICONDUCTOR DEVICES

GUNN EFFECT

RT . . EFFECTS
 NEGATIVE CONDUCTANCE
 NEGATIVE RESISTANCE DEVICES
 SEMICONDUCTOR DEVICES
 SEMICONDUCTOR LASERS

GUNNERY TRAINING

GS EDUCATION
 . GUNNERY TRAINING
 RT ARTILLERY
 FIRE CONTROL
 GUNS (ORDNANCE)
 HOWITZERS
 WEAPONS

GUNPOWDER

USE GUN PROPELLANTS

. GUNS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CROSSED FIELD GUNS
 ELECTRON GUNS
 GAS GUNS
 GUNS (ORDNANCE)
 HYPERVELOCITY GUNS
 PLASMA GUNS

GUNS (ORDNANCE)

UF CANNONS
 GS WEAPONS
 . GUNS (ORDNANCE)
 . . ARTILLERY
 . . . HOWITZERS
 . . RIFLES
 RT AMMUNITION
 EXPLOSIVES
 GUN PROPELLANTS
 GUN TURRETS
 GUNFIRE
 GUNNERY TRAINING
 . . GUNS
 . . . HEAT OF COMBUSTION
 . . . HYPERVELOCITY GUNS
 . . . INCENDIARY AMMUNITION
 . . . PROJECTILES
 . . . PROPELLANTS
 . . . SABOT PROJECTILES

GUST ALLEVIATORS

RT DEFLECTORS
 GUSTS
 MISSION ADAPTIVE WINGS
 SPOILERS
 TURBULENT FLOW
 VORTEX ALLEVIATION

GUST LOADS

GS AERODYNAMIC FORCES
 . AERODYNAMIC LOADS
 . . GUST LOADS
 . . . LOADS (FORCES)
 . . . DYNAMIC LOADS
 . . . AERODYNAMIC LOADS
 GUST LOADS

GUST LOADS--(cont.)

. . . TRANSIENT LOADS
 GUST LOADS
 RANDOM LOADS
 GUST LOADS
 RT ATMOSPHERIC TURBULENCE
 BLAST LOADS
 GROUND WIND
 GUSTS
 STRUCTURAL DESIGN CRITERIA
 WIND PRESSURE
 WING LOADING

GUSTATORY PERCEPTION

USE TASTE

GUSTS

GS TURBULENCE
 . . ATMOSPHERIC TURBULENCE
 . . . GUSTS
 . . . WIND (METEOROLOGY)
 . . . GUSTS
 RT CLEAR AIR TURBULENCE
 GROUND WIND
 GUST ALLEVIATORS
 GUST LOADS
 SEA BREEZE
 STORM DAMAGE
 STORMS
 STORMS (METEOROLOGY)
 VORTEX AVOIDANCE

GUT

USE GRAND UNIFIED THEORY

GUTENBERG ZONE

GS MODELS
 . GUTENBERG ZONE
 . . REGIONS
 . . GUTENBERG ZONE
 RT ACOUSTIC VELOCITY
 SEISMIC WAVES

GUY WIRES

UF STAYS
 GS WIRE
 . GUY WIRES
 RT ANCHORS (FASTENERS)
 STRUCTURAL MEMBERS

GUYANA

UF BRITISH GUINEA
 GS NATIONS
 . GUYANA
 RT CARIBBEAN REGION
 SOUTH AMERICA

GYMNASTICS

USE PHYSICAL EXERCISE

GYNECOLOGY

GS MEDICAL SCIENCE
 . GYNECOLOGY
 RT FEMALES
 GENITOURINARY SYSTEM

GYPSUM

GS MINERALS
 . GYPSUM
 . . PLASTERS
 . . GYPSUM
 RT CALCIUM
 CHALK
 ROCKS
 SEDIMENTARY ROCKS
 SULFATES

GYRALS

USE GYRES

GYRATION

GS GYRATION
 . PRECESSION
 . . LARMOR PRECESSION
 . . PROTON PRECESSION
 . . QUENCHING (ATOMIC PHYSICS)
 . . REVOLVING
 . . ROTATION
 . . . AUTOROTATION
 . . . COROTATION
 . . . COUNTER ROTATION
 . . . EARTH ROTATION
 . . . MOLECULAR ROTATION
 . . . MUON SPIN ROTATION

GYRATION--(cont.)

. . . PLANETARY ROTATION
 . . . SATELLITE ROTATION
 . . . STELLAR ROTATION
 . . . SOLAR ROTATION
 RT ANGULAR VELOCITY
 ∞ MOTION
 SPIN DYNAMICS

GYRATORS

UF TELLEGEN THEORY
 GS MICROWAVE EQUIPMENT
 . . . **GYRATORS**
 . . . MICROWAVE FILTERS
 RT FERRITES
 MICROWAVE SWITCHING
 NETWORK ANALYSIS
 ∞ NETWORKS
 PHASE SHIFT CIRCUITS
 WAVEGUIDES

GYRES

UF GYRALS
 RT AIR WATER INTERACTIONS
 COASTAL CURRENTS
 CORIOLIS EFFECT
 OCEAN CURRENTS
 OCEANOGRAPHY

GYRO HORIZONS

GS DISPLAY DEVICES
 . . . **GYRO HORIZONS**
 FLIGHT INSTRUMENTS
 . . . ATTITUDE INDICATORS
 . . . **GYRO HORIZONS**
 GYROSCOPES
 . . . ATTITUDE GYROS
 . . . **GYRO HORIZONS**
 MEASURING INSTRUMENTS
 . . . INDICATING INSTRUMENTS
 . . . ATTITUDE INDICATORS
 . . . **GYRO HORIZONS**
 NAVIGATION AIDS
 . . . NAVIGATION INSTRUMENTS
 . . . ATTITUDE INDICATORS
 . . . **GYRO HORIZONS**
 RT HORIZON

GYROCOMPASSES

GS GYROSCOPES
 . . . **GYROCOMPASSES**
 MEASURING INSTRUMENTS
 . . . INDICATING INSTRUMENTS
 . . . COMPASSES
 . . . **GYROCOMPASSES**
 NAVIGATION AIDS
 . . . NAVIGATION INSTRUMENTS
 . . . COMPASSES
 . . . **GYROCOMPASSES**
 RT MAGNETIC COMPASSES
 RADIO DIRECTION FINDERS
 SOLAR COMPASSES

GYRODAMPERS

RT CONTROL MOMENT GYROSCOPES
 GIMBALS
 GYROSCOPIC STABILITY
 STRUCTURAL VIBRATION
 VIBRATION DAMPING

GYRODYNE AIRCRAFT

GS **GYRODYNE AIRCRAFT**
 . . . QH-50 HELICOPTER
 RT ∞ AIRCRAFT

GYRODYNE DSN-3 HELICOPTER

USE QH-50 HELICOPTER

GYRODYNE MILITARY AIRCRAFT

USE QH-50 HELICOPTER

GYROFREQUENCY

GS MAGNETIC PROPERTIES
 . . . GYROMAGNETISM
 . . . **GYROFREQUENCY**
 RT CHARGED PARTICLES
 MAGNETOIONICS

GYROINTERACTION

USE MAGNETIC RIGIDITY

GYROMAGNETISM

GS MAGNETIC PROPERTIES
 . . . **GYROMAGNETISM**

GYROMAGNETISM--(cont.)

. . . GYROFREQUENCY
 RT LARMOR RADIUS

GYROPLANES

USE HELICOPTERS

GYROS

USE GYROSCOPES

GYROSCOPE FLUIDS

RT DAMPING
 ∞ FLUIDS
 . . . ROTARY GYROSCOPES
 . . . SUSPENDING (HANGING)

GYROSCOPES

UF GYROS
 GYROSCOPIC DRIFT
 GYROSTATS
 GS **GYROSCOPES**
 . . . ATTITUDE GYROS
 . . . GYRO HORIZONS
 . . . CONTROL MOMENT GYROSCOPES
 . . . CRYOGENIC GYROSCOPES
 . . . ELECTROSTATIC GYROSCOPES
 . . . GYROCOMPASSES
 . . . GYROSCOPIC PENDULUMS
 . . . GYROSTABILIZERS
 . . . LASER GYROSCOPES
 . . . NUCLEAR GYROSCOPES
 . . . OPTICAL GYROSCOPES
 . . . ROTARY GYROSCOPES
 . . . FLUID ROTOR GYROSCOPES
 . . . TUNING FORK GYROSCOPES
 RT AUTOMATIC PILOTS
 GIMBALLESS INERTIAL NAVIGATION
 GIMBALS
 GRAVITY PROBE B
 GYROSCOPIC STABILITY
 PRECESSION
 ∞ STABILIZERS
 TORQUERS

GYROSCOPIC COUPLING

GS COUPLING
 . . . **GYROSCOPIC COUPLING**
 RT NAVIGATION

GYROSCOPIC DRIFT

USE GYROSCOPES
 GYROSCOPIC STABILITY

GYROSCOPIC PENDULUMS

UF PENDULOUS GYROSCOPES
 GS GYROSCOPES
 . . . **GYROSCOPIC PENDULUMS**
 OSCILLATORS
 . . . MECHANICAL OSCILLATORS
 . . . PENDULUMS
 . . . **GYROSCOPIC PENDULUM**
 RT ACCELEROMETERS
 DAMPING
 SCHULER TUNING

GYROSCOPIC STABILITY

UF GYROSCOPIC DRIFT
 GS DYNAMIC CHARACTERISTICS
 . . . DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 . . . DIRECTIONAL STABILITY
 . . . **GYROSCOPIC STABILITY**
 . . . ROTARY STABILITY
 . . . **GYROSCOPIC STABILITY**
 STABILITY
 . . . DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 . . . DIRECTIONAL STABILITY
 . . . **GYROSCOPIC STABILITY**
 . . . ROTARY STABILITY
 . . . **GYROSCOPIC STABILITY**
 RT DAMPING
 GYRODAMPERS
 GYROSCOPES
 HOVERING STABILITY
 INERTIAL PLATFORMS
 PRECESSION
 ROTARY GYROSCOPES
 SCHULER TUNING
 SEA KEEPING
 STABILIZED PLATFORMS
 STABLE OSCILLATIONS
 YO-YO DEVICES

GYROSTABILIZERS

GS GYROSCOPES
 . . . **GYROSTABILIZERS**
 RT NAVIGATION AIDS
 SEA KEEPING
 STABILIZED PLATFORMS
 THRUST VECTOR CONTROL

GYROSTATS

USE GYROSCOPES

GYROTRONS

USE CYCLOTRON RESONANCE DEVICES

GYROTROPISM

GS TROPISM
 . . . **GYROTROPISM**
 RT ELECTROMAGNETIC PROPERTIES
 FREQUENCY SHIFT

H**H ALPHA LINE**

GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 . . . H LINES
 . . . **H ALPHA LINE**
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 H II REGIONS
 SOLAR SPECTRA

H BETA LINE

GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 . . . H LINES
 . . . **H BETA LINE**
 RT ABSORPTION SPECTRA
 BALMER SERIES
 EMISSION SPECTRA
 SOLAR SPECTRA

H GAMMA LINE

GS SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 . . . H LINES
 . . . **H GAMMA LINE**
 RT ABSORPTION SPECTRA
 BALMER SERIES
 EMISSION SPECTRA
 SOLAR SPECTRA

H I REGIONS

GS CELESTIAL BODIES
 . . . NEBULAE
 . . . **H I REGIONS**
 HYDROGEN CLOUDS
 . . . **H I REGIONS**
 RT ∞ CLOUDS
 HYDROGEN ATOMS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER
 NEUTRAL ATOMS
 NEUTRAL GASES
 RADIO SPECTRA

H II REGIONS

GS CELESTIAL BODIES
 . . . NEBULAE
 . . . **H II REGIONS**
 HYDROGEN CLOUDS
 . . . **H II REGIONS**
 RT ∞ CLOUDS
 EMISSION SPECTRA
 H ALPHA LINE
 HYDROGEN IONS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER
 IONIZED GASES

H LINES

SN (EXCLUDES SURFACES OF CONSTANT
 MAGNETIC FIELD STRENGTH)
 GS SPECTRA
 . . . RADIATION SPECTRA

H LINES--(cont.)

... ELECTROMAGNETIC SPECTRA
 ... LINE SPECTRA
 ... **H LINES**
 ... H ALPHA LINE
 ... H BETA LINE
 ... H GAMMA LINE
 RT ABSORPTION SPECTRA
 BALMER SERIES
 D LINES
 EMISSION SPECTRA
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 SOLAR SPECTRA
 TELLURIC LINES

H WAVES

GS ELECTROMAGNETIC RADIATION
 . **H WAVES**
 OSCILLATIONS
 . TRANSVERSE OSCILLATION
 . **H WAVES**
 TRANSVERSE WAVES
 . **H WAVES**
 RT ELECTRIC FIELD STRENGTH

H-INFINITY CONTROL

GS AUTOMATIC CONTROL
 . OPTIMAL CONTROL
 . **H-INFINITY CONTROL**
 OPTIMIZATION
 . OPTIMAL CONTROL
 . **H-INFINITY CONTROL**
 RT CONTROL SYSTEMS DESIGN
 CONTROL THEORY
 CONTROLLERS
 FEEDBACK CONTROL
 LINEAR QUADRATIC GAUSSIAN
 CONTROL

H-1 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . **H-1 ENGINE**
 . LIQUID PROPELLANT, ROCKET
 ENGINES
 . **H-1 ENGINE**
 RT SATURN 1 LAUNCH VEHICLES
 SATURN 1B LAUNCH VEHICLES

H-13 HELICOPTER

USE OH-13 HELICOPTER

H-17 HELICOPTER

UF FLYING CRANE HELICOPTER
 GS HUGHES AIRCRAFT
 . **H-17 HELICOPTER**
 JET AIRCRAFT
 . **H-17 HELICOPTER**
 RESEARCH AIRCRAFT
 . **H-17 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . **H-17 HELICOPTER**
 RT ∞ AIRCRAFT

H-19 HELICOPTER

GS PASSENGER AIRCRAFT
 . **H-19 HELICOPTER**
 SIKORSKY AIRCRAFT
 . **H-19 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **H-19 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . **H-19 HELICOPTER**
 RT ∞ AIRCRAFT

H-21 HELICOPTER

USE CH-21 HELICOPTER

H-23 HELICOPTER

USE OH-23 HELICOPTER

H-25 HELICOPTER

GS BOEING AIRCRAFT
 . **H-25 HELICOPTER**
 V/STOL AIRCRAFT

H-25 HELICOPTER--(cont.)

. ROTARY WING AIRCRAFT
 . HELICOPTERS
 . TANDER ROTOR HELICOPTERS
 . **H-25 HELICOPTER**
 RT ANTISUBMARINE WARFARE AIRCRAFT

H-34 HELICOPTER

USE CH-34 HELICOPTER

H-43 HELICOPTER

GS KAMAN AIRCRAFT
 . **H-43 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **H-43 HELICOPTER**
 RT ∞ AIRCRAFT

H-51 HELICOPTER

USE XH-51 HELICOPTER

H-53 HELICOPTER

UF CH-53 HELICOPTER
 HHX HELICOPTER
 SIKORSKY S-65 HELICOPTER
 GS PASSENGER AIRCRAFT
 . **H-53 HELICOPTER**
 SIKORSKY AIRCRAFT
 . **H-53 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **H-53 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **H-53 HELICOPTER**
 RT ∞ AIRCRAFT

H-54 HELICOPTER

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **H-54 HELICOPTER**
 RT ∞ AIRCRAFT

H-56 HELICOPTER

GS PASSENGER AIRCRAFT
 . **H-56 HELICOPTER**
 SIKORSKY AIRCRAFT
 . **H-56 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **H-56 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **H-56 HELICOPTER**
 RT ∞ AIRCRAFT

H-60 HELICOPTER

UF BLACK HAWK ASSAULT HELICOPTER
 GS SIKORSKY AIRCRAFT
 . **H-60 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **H-60 HELICOPTER**
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

H-126 AIRCRAFT

UF HUNTING H-126 AIRCRAFT
 GS BAC AIRCRAFT
 . **H-126 AIRCRAFT**
 JET AIRCRAFT
 . **H-126 AIRCRAFT**
 MONOPLANES
 . **H-126 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **H-126 AIRCRAFT**
 RT ∞ AIRCRAFT
 JET FLAPS

HABITABILITY

RT ECOLOGY
 ENVIRONMENTAL CONTROL
 ENVIRONMENTS
 SHELTERS

HABITATS

SN (LIMITED TO PLANTS AND ANIMALS)
 GS REGIONS
 . **HABITATS**
 RT ANIMALS
 ∞ BIOLOGY
 BOTANY
 CONSERVATION
 EARTH RESOURCES
 ECOLOGY
 ENDANGERED SPECIES
 ENVIRONMENT EFFECTS
 ENVIRONMENTS
 WILDLIFE

HABITS

RT LEARNING
 PSYCHOLOGICAL FACTORS

HABITUATION (LEARNING)

GS LEARNING
 . **HABITUATION (LEARNING)**
 RT CONDITIONING (LEARNING)

HADRONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . **HADRONS**
 . BARYONS
 . OMEGA-MESONS
 . RHO-MESONS
 . SIGMA-MESONS
 . MESONS
 . KAONS
 . MUONS
 . OMEGA-MESONS
 . VECTOR MESONS
 . RHO-MESONS
 . SIGMA-MESONS
 RT CHARM (PARTICLE PHYSICS)
 FLAVOR (PARTICLE PHYSICS)
 PARTONS
 QUARK PARTON MODEL
 VECTOR DOMINANCE MODEL

HAFNIUM

GS CHEMICAL ELEMENTS
 . **HAFNIUM**
 . HAFNIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . **HAFNIUM**
 . HAFNIUM ISOTOPES

HAFNIUM ALLOYS

GS ALLOYS
 . **HAFNIUM ALLOYS**
 RT HEAT RESISTANT ALLOYS
 NIOBIUM ALLOYS
 TANTALUM ALLOYS
 TUNGSTEN ALLOYS
 ZIRCONIUM ALLOYS

HAFNIUM CARBIDES

GS CARBON COMPOUNDS
 . CARBIDES
 . **HAFNIUM CARBIDES**
 HAFNIUM COMPOUNDS
 . **HAFNIUM CARBIDES**

HAFNIUM COMPOUNDS

GS **HAFNIUM COMPOUNDS**
 . HAFNIUM CARBIDES
 . HAFNIUM IODIDES
 . HAFNIUM OXIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4B COMPOUNDS
 ∞ METAL COMPOUNDS

HAFNIUM IODIDES

GS HAFNIUM COMPOUNDS
 . **HAFNIUM IODIDES**
 HALOGEN COMPOUNDS
 . HALIDES
 . METAL HALIDES
 . **HAFNIUM IODIDES**
 . IODINE COMPOUNDS
 . IODIDES
 . **HAFNIUM IODIDES**

HAFNIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . HAFNIUM
 . **HAFNIUM ISOTOPES**

HAFNIUM ISOTOPES--(cont.)

NUCLIDES
ISOTOPES
HAFNIUM ISOTOPES
METALS
TRANSITION METALS
HAFNIUM
HAFNIUM ISOTOPES

HAFNIUM OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
HAFNIUM OXIDES
HAFNIUM COMPOUNDS
HAFNIUM OXIDES

HAIL

UF HAILSTONES
GS PRECIPITATION (METEOROLOGY)
HAIL
RT CLOUD GLACIATION
GRAUPEL
HAILSTORMS
ICE FORMATION
STORMS (METEOROLOGY)
THUNDERSTORMS

HAILSTONES

USE HAIL

HAILSTORMS

GS STORMS
STORMS (METEOROLOGY)
HAILSTORMS
RT CLIMATOLOGY
GRAUPEL
HAIL
METEOROLOGY
PRECIPITATION (METEOROLOGY)
RAINSTORMS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
THUNDERSTORMS

HAIR

GS FIBERS
HAIR
RT KERATINS
SKIN (ANATOMY)
WOOL

HAIRPIN VORTICES

USE HORSESHOE VORTICES

HAITI

GS LANDFORMS
ISLANDS
WEST INDIES
HAITI
NATIONS
HAITI
RT CARIBBEAN REGION
CARIBBEAN SEA

HAL/S (LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
HAL/S (LANGUAGE)
RT COMPUTER PROGRAMMING
COMPUTERS

HALDEN BOILING WATER REACTOR

UF HALDEN REACTOR
HBWR REACTOR
GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
BOILING WATER REACTORS
HALDEN BOILING WATER REACTOR

HALDEN REACTOR

USE HALDEN BOILING WATER REACTOR

HALF CONES

RT AERODYNAMIC CONFIGURATIONS
CIRCULAR CONES
CONES
CONICS
NOSE CONES

HALF LIFE

GS LIFE (DURABILITY)
HALF LIFE
RT DECAY
NUCLEAR REACTIONS
POST-BLAST NUCLEAR RADIATION
RADIATIVE LIFETIME
RADIOACTIVE AGE DETERMINATION
RADIOACTIVE DECAY
RADIOACTIVITY
REACTION KINETICS

HALF PLANES

GS ANALYSIS (MATHEMATICS)
HALF PLANES
RT BOUNDARY VALUE PROBLEMS
COORDINATES
DIFFERENTIAL EQUATIONS
GREEN'S FUNCTIONS

HALF SPACES

GS ANALYSIS (MATHEMATICS)
HALF SPACES
RT BOUNDARY VALUE PROBLEMS
COORDINATES
ELLIPTIC DIFFERENTIAL EQUATIONS
FRACTALS
GREEN'S FUNCTIONS

HALIDES

GS HALOGEN COMPOUNDS
HALIDES
BROMIDES
AMMONIUM BROMIDES
CESIUM BROMIDES
CHROMIUM BROMIDES
DIBROMIDES
HYDROBROMIC ACID
HYDROBROMIDES
MAGNESIUM BROMIDES
POTASSIUM BROMIDES
SILVER BROMIDES
SODIUM BROMIDES
STRONTIUM BROMIDES
CHLORIDES
ALUMINUM CHLORIDES
AMMONIUM CHLORIDES
BERYLLIUM CHLORIDES
BORON CHLORIDES
CADMIUM CHLORIDES
CALCIUM CHLORIDES
CARBON TETRACHLORIDE
COPPER CHLORIDES
DICHLORIDES
GERMANIUM CHLORIDES
HYDROCHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID
IRON CHLORIDES
LANTHANUM CHLORIDES
LEAD CHLORIDES
LITHIUM CHLORIDES
MAGNESIUM CHLORIDES
NITROSYL CHLORIDES
NITROXYCHLORIDES
NITRYL CHLORIDES
PHOSGENE
POTASSIUM CHLORIDES
SILICON TETRACHLORIDE
SILVER CHLORIDES
SODIUM CHLORIDES
SULFUR CHLORIDES
TETRACHLORIDES
TITANIUM CHLORIDES
TUNGSTEN CHLORIDES
ZINC CHLORIDES
FLUORIDES
ANTIMONY FLUORIDES
BARIUM FLUORIDES
BORON FLUORIDES
CHLORINE FLUORIDES
DIFLUORIDES
CALCIUM FLUORIDES
FLUORSPAR
HYDROFLUORIC ACID
NITROGEN FLUORIDES
OXYFLUORIDES
OXYGEN FLUORIDES
OZONE FLUORIDE
PERCHLORYL FLUORIDES
SULFUR FLUORIDES
SULFUR HEXAFLUORIDE
TECHNETIUM FLUORIDES
METAL HALIDES
ALKALI HALIDES

HALIDES--(cont.)

CESIUM HALIDES
CESIUM BROMIDES
CESIUM FLUORIDES
CESIUM IODIDES
POTASSIUM IODIDES
SODIUM BROMIDES
SODIUM CHLORIDES
SODIUM FLUORIDES
SODIUM IODIDES
ALUMINUM CHLORIDES
BARIUM FLUORIDES
BERYLLIUM CHLORIDES
CADMIUM CHLORIDES
CALCIUM CHLORIDES
CHROMIUM BROMIDES
COPPER CHLORIDES
HAFNIUM IODIDES
IRON CHLORIDES
LANTHANUM CHLORIDES
LEAD CHLORIDES
LITHIUM CHLORIDES
MAGNESIUM BROMIDES
NIOBIUM IODIDES
POTASSIUM BROMIDES
POTASSIUM CHLORIDES
SILVER HALIDES
SILVER BROMIDES
SILVER CHLORIDES
SILVER IODIDES
STRONTIUM BROMIDES
TECHNETIUM FLUORIDES
TITANIUM CHLORIDES
TUNGSTEN HALIDES
TUNGSTEN CHLORIDES
TUNGSTEN FLUORIDES
ZINC CHLORIDES
ZIRCONIUM IODIDES
OXYHALIDES
RT HALOGENS
MOLTEN SALTS
NITROSYLS

HALITES

UF ROCK SALT
RT MOLTEN SALTS
SALTS

HALL ACCELERATORS

RT ACCELERATORS
ALPHA PLASMA DEVICES
MAGNETOHYDRODYNAMICS
PLASMA PHYSICS

HALL COEFFICIENT

USE HALL EFFECT

HALL CURRENTS

USE ELECTRIC CURRENT
HALL EFFECT

HALL EFFECT

UF HALL COEFFICIENT
HALL CURRENTS
CARRIER MOBILITY
EFFECTS
GALVANOMAGNETIC EFFECTS
MAGNETOHYDRODYNAMICS
MOBILITY
POLARIZATION (CHARGE SEPARATION)
SEMICONDUCTOR DEVICES
TRANSPORT PROPERTIES

HALL GENERATORS

RT CIRCULATORS (PHASE SHIFT CIRCUITS)
FARADAY EFFECT
GENERATORS
PLASMA GENERATORS
SIGNAL GENERATORS

HALLAM NUCLEAR POWER FACILITY

UF HNPf (HALLAM NUCLEAR POWER FACILITY)
GS ELECTRIC POWER PLANTS
NUCLEAR POWER PLANTS
HALLAM NUCLEAR POWER FACILITY
NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR POWER PLANTS
HALLAM NUCLEAR POWER FACILITY
RT POWER PLANTS
SODIUM GRAPHITE REACTORS

HALLEY'S COMET

GS CELESTIAL BODIES

HALLEY'S COMET--(cont.)

- .. COMETS
- .. **HALLEY'S COMET**
- RT GIOTTO MISSION
- SOLAR SYSTEM
- VEGA PROJECT

HALLUCINATIONS

- GS PSYCHOLOGICAL EFFECTS
- .. ILLUSIONS
- .. **HALLUCINATIONS**
- RT SIGNS AND SYMPTOMS

HALO ORBIT SPACE STATION

- GS ARTIFICIAL SATELLITES
- .. SPACE STATIONS
- .. **HALO ORBIT SPACE STATION**
- STATIONS
- .. SPACE STATIONS
- .. **HALO ORBIT SPACE STATION**
- RT LUNAR SPACECRAFT

HALOCARBONS

- GS CARBON COMPOUNDS
- .. **HALOCARBONS**
- .. CHLOROCARBONS
- .. FLUOROCARBONS
- HALOGEN COMPOUNDS
- .. **HALOCARBONS**
- .. CHLOROCARBONS
- .. FLUOROCARBONS
- RT BROMINE COMPOUNDS
- .. CHEMICAL COMPOUNDS
- CHLORINE COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORO COMPOUNDS
- IODINE COMPOUNDS

HALOE

- USE HALOGEN OCCULTATION EXPERIMENT

HALOGEN COMPOUNDS

- UF GROUP 7A COMPOUNDS
- GS **HALOGEN COMPOUNDS**
- .. BROMINE COMPOUNDS
- .. BROMATES
- .. BROMIDES
- .. AMMONIUM BROMIDES
- .. CESIUM BROMIDES
- .. CHROMIUM BROMIDES
- .. DIBROMIDES
- .. HYDROBROMIC ACID
- .. HYDROBROMIDES
- .. MAGNESIUM BROMIDES
- .. POTASSIUM BROMIDES
- .. SILVER BROMIDES
- .. SODIUM BROMIDES
- .. STRONTIUM BROMIDES
- .. CHLORINE COMPOUNDS
- .. CHLORATES
- .. CHLORIDES
- .. ALUMINUM CHLORIDES
- .. AMMONIUM CHLORIDES
- .. BERYLLIUM CHLORIDES
- .. BORON CHLORIDES
- .. CADMIUM CHLORIDES
- .. CALCIUM CHLORIDES
- .. CARBON TETRACHLORIDE
- .. COPPER CHLORIDES
- .. DICHLORIDES
- .. GERMANIUM CHLORIDES
- .. HYDROCHLORIDES
- .. IRON CHLORIDES
- .. LANTHANUM CHLORIDES
- .. LEAD CHLORIDES
- .. LITHIUM CHLORIDES
- .. MAGNESIUM CHLORIDES
- .. NITROSYL CHLORIDES
- .. NITROXYCHLORIDES
- .. NITRYL CHLORIDES
- .. PHOSGENE
- .. POTASSIUM CHLORIDES
- .. SILICON TETRACHLORIDE
- .. SILVER CHLORIDES
- .. SODIUM CHLORIDES
- .. SULFUR CHLORIDES
- .. TETRACHLORIDES
- .. TITANIUM CHLORIDES
- .. TUNGSTEN CHLORIDES
- .. ZINC CHLORIDES
- .. CHLORINE FLUORIDES
- .. CHLORINE OXIDES
- .. CHLOROCARBONS
- .. CHLOROSILANES
- .. DDT

HALOGEN COMPOUNDS--(cont.)

- .. MECLIZINE
- .. PERCHLORATES
- .. ALUMINUM PERCHLORATES
- .. AMMONIUM PERCHLORATES
- .. HYDRAZINE PERCHLORATES
- .. HYDROGEN PERCHLORATE
- .. HYDROXYLAMMONIUM
- .. PERCHLORATES
- .. LITHIUM PERCHLORATES
- .. MAGNESIUM PERCHLORATES
- .. NITRONIUM PERCHLORATE
- .. POTASSIUM PERCHLORATES
- .. FLUORINE COMPOUNDS
- .. FLUORIDES
- .. ANTIMONY FLUORIDES
- .. BARIUM FLUORIDES
- .. BORON FLUORIDES
- .. CHLORINE FLUORIDES
- .. COMPOUND A
- .. CRYOLITE
- .. DEUTERIUM FLUORIDES
- .. DIFLUORIDES
- .. CALCIUM FLUORIDES
- .. FLUORSPAR
- .. HYDROFLUORIC ACID
- .. METAL FLUORIDES
- .. ALUMINUM FLUORIDES
- .. BERYLLIUM FLUORIDES
- .. CADMIUM FLUORIDES
- .. CALCIUM FLUORIDES
- .. CESIUM FLUORIDES
- .. CHROMIUM FLUORIDES
- .. COBALT FLUORIDES
- .. COPPER FLUORIDES
- .. LANTHANUM FLUORIDES
- .. LITHIUM FLUORIDES
- .. MAGNESIUM FLUORIDES
- .. NICKEL FLUORIDES
- .. PLUTONIUM FLUORIDES
- .. PROTACTINIUM FLUORIDES
- .. SODIUM FLUORIDES
- .. STRONTIUM FLUORIDES
- .. THORIUM FLUORIDES
- .. TUNGSTEN FLUORIDES
- .. URANIUM FLUORIDES
- .. ZINC FLUORIDES
- .. NITROGEN FLUORIDES
- .. NITRYL FLUORIDES
- .. OXYFLUORIDES
- .. OXYGEN FLUORIDES
- .. OZONE FLUORIDE
- .. PERCHLORYL FLUORIDES
- .. POLYVINYL FLUORIDE
- .. SULFUR FLUORIDES
- .. SULFUR HEXAFLUORIDE
- .. TECHNETIUM FLUORIDES
- .. FLUORITE
- .. FLUORO COMPOUNDS
- .. CRYOLITE
- .. DIFLUORO COMPOUNDS
- .. PERFLUOROALKANE
- .. POLYTETRAFLUOROETHYLENE
- .. TEFLON (TRADEMARK)
- .. FLUORINE ORGANIC COMPOUNDS
- .. FLUOROAMINES
- .. NITROFLUOROAMINES
- .. TRIFLUOROAMINE OXIDE
- .. FLUOROCARBONS
- .. FLUOROHYDROCARBONS
- .. CARBON TETRAFLUORIDE
- .. CHLOROFLUOROMETHANE
- .. KEL-F
- .. PERFLUOROALKANE
- .. PERFLUOROGUANIDINE
- .. FLUOROSILICATES
- .. TETRAFLUOROHYDRAZINE
- .. HALIDES
- .. BROMIDES
- .. AMMONIUM BROMIDES
- .. CESIUM BROMIDES
- .. CHROMIUM BROMIDES
- .. DIBROMIDES
- .. HYDROBROMIC ACID
- .. HYDROBROMIDES
- .. MAGNESIUM BROMIDES
- .. POTASSIUM BROMIDES
- .. SILVER BROMIDES
- .. SODIUM BROMIDES
- .. STRONTIUM BROMIDES
- .. CHLORIDES
- .. ALUMINUM CHLORIDES
- .. AMMONIUM CHLORIDES
- .. BERYLLIUM CHLORIDES
- .. BORON CHLORIDES
- .. CADMIUM CHLORIDES

HALOGEN COMPOUNDS--(cont.)

- .. CALCIUM CHLORIDES
- .. CARBON TETRACHLORIDE
- .. COPPER CHLORIDES
- .. DICHLORIDES
- .. GERMANIUM CHLORIDES
- .. HYDROCHLORIDES
- .. HYDROGEN CHLORIDES
- .. HYDROCHLORIC ACID
- .. IRON CHLORIDES
- .. LANTHANUM CHLORIDES
- .. LEAD CHLORIDES
- .. LITHIUM CHLORIDES
- .. MAGNESIUM CHLORIDES
- .. NITROSYL CHLORIDES
- .. NITROXYCHLORIDES
- .. NITRYL CHLORIDES
- .. PHOSGENE
- .. POTASSIUM CHLORIDES
- .. SILICON TETRACHLORIDE
- .. SILVER CHLORIDES
- .. SODIUM CHLORIDES
- .. SULFUR CHLORIDES
- .. TETRACHLORIDES
- .. TITANIUM CHLORIDES
- .. TUNGSTEN CHLORIDES
- .. ZINC CHLORIDES
- .. FLUORIDES
- .. ANTIMONY FLUORIDES
- .. BARIUM FLUORIDES
- .. BORON FLUORIDES
- .. CHLORINE FLUORIDES
- .. DIFLUORIDES
- .. CALCIUM FLUORIDES
- .. FLUORSPAR
- .. HYDROFLUORIC ACID
- .. NITROGEN FLUORIDES
- .. OXYFLUORIDES
- .. OXYGEN FLUORIDES
- .. OZONE FLUORIDE
- .. PERCHLORYL FLUORIDES
- .. SULFUR FLUORIDES
- .. SULFUR HEXAFLUORIDE
- .. TECHNETIUM FLUORIDES
- .. METAL HALIDES
- .. ALKALI HALIDES
- .. CESIUM HALIDES
- .. CESIUM BROMIDES
- .. CESIUM FLUORIDES
- .. CESIUM IODIDES
- .. POTASSIUM IODIDES
- .. SODIUM BROMIDES
- .. SODIUM CHLORIDES
- .. SODIUM FLUORIDES
- .. SODIUM IODIDES
- .. ALUMINUM CHLORIDES
- .. BARIUM FLUORIDES
- .. BERYLLIUM CHLORIDES
- .. CADMIUM CHLORIDES
- .. CALCIUM CHLORIDES
- .. CHROMIUM BROMIDES
- .. COPPER CHLORIDES
- .. HAFNIUM IODIDES
- .. IRON CHLORIDES
- .. LANTHANUM CHLORIDES
- .. LEAD CHLORIDES
- .. LITHIUM CHLORIDES
- .. MAGNESIUM BROMIDES
- .. NIOBIUM IODIDES
- .. POTASSIUM BROMIDES
- .. POTASSIUM CHLORIDES
- .. SILVER HALIDES
- .. SILVER BROMIDES
- .. SILVER CHLORIDES
- .. SILVER IODIDES
- .. STRONTIUM BROMIDES
- .. TECHNETIUM FLUORIDES
- .. TITANIUM CHLORIDES
- .. TUNGSTEN HALIDES
- .. TUNGSTEN CHLORIDES
- .. TUNGSTEN FLUORIDES
- .. ZINC CHLORIDES
- .. ZIRCONIUM IODIDES
- .. OXYHALIDES
- .. HALOCARBONS
- .. CHLOROCARBONS
- .. FLUOROCARBONS
- .. IODINE COMPOUNDS
- .. IODATES
- .. LITHIUM IODATES
- .. IODIDES
- .. CESIUM IODIDES
- .. GALLAMINE TRIETHIODIDE
- .. HAFNIUM IODIDES
- .. NIOBIUM IODIDES
- .. POTASSIUM IODIDES

HALOGEN COMPOUNDS--(cont.)

- ... SILVER IODIDES
- ... SODIUM IODIDES
- ... ZIRCONIUM IODIDES
- ... IODOACETIC ACID
- ... NITROSOLS
- ... NITROSYL CHLORIDES
- RT ∞CHEMICAL COMPOUNDS

HALOGEN OCCULTATION EXPERIMENT

- UF HALOE
- GS PAYLOADS
- ... SPACE SHUTTLE PAYLOADS
- ... **HALOGEN OCCULTATION EXPERIMENT**
- RT OZONE

HALOGENATION

- GS CHEMICAL REACTIONS
- ... **HALOGENATION**
- ... BROMINATION
- ... CHLORINATION
- ... FLUORINATION
- RT DEFLUORINATION
- HALOGENS

HALOGENS

- GS CHEMICAL ELEMENTS
- ... **HALOGENS**
- ... ASTATINE
- ... BROMINE
- ... BROMINE ISOTOPES
- ... CHLORINE
- ... FLUORINE
- ... FLUORINE ISOTOPES
- ... IODINE
- ... IODINE ISOTOPES
- ... IODINE 125
- ... IODINE 131
- ... IODINE 132
- RT EXCIMER LASERS
- HALIDES
- HALOGENATION

HALOPHILES

- RT AGRICULTURE
- PLANTS (BOTANY)

HALOS

- GS SCATTERING
- ... WAVE SCATTERING
- ... ELECTROMAGNETIC SCATTERING
- ... LIGHT SCATTERING
- ... **HALOS**
- TRANSMISSION
- ... ELECTROMAGNETIC WAVE
- TRANSMISSION
- ... LIGHT TRANSMISSION
- ... LIGHT SCATTERING
- ... **HALOS**
- ... WAVE PROPAGATION
- ... LIGHT SCATTERING
- ... **HALOS**
- RT ASTRONOMY
- ATMOSPHERIC SCATTERING
- CORONAS
- GALACTIC HALOS
- HAZE
- IMAGES
- RAINBOWS

HALPHEN METHOD

- RT ∞METHODODOLOGY

HAMBURGER AIRCRAFT

- GS **HAMBURGER AIRCRAFT**
- ... C-160 AIRCRAFT
- ... HFB-320 AIRCRAFT
- RT ∞AIRCRAFT

HAMBURGER HFB-320 AIRCRAFT

- USE HFB-320 AIRCRAFT

HAMILTON-JACOBI EQUATION

- RT ∞EQUATIONS
- EQUATIONS OF MOTION
- HAMILTONIAN FUNCTIONS
- RELATIVISTIC PARTICLES

HAMILTONIAN FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
- ... **HAMILTONIAN FUNCTIONS**
- RT CLASSICAL MECHANICS
- ∞DYNAMICS

HAMILTONIAN FUNCTIONS--(cont.)

- HAMILTON-JACOBI EQUATION
- QUANTUM THEORY
- VON ZEIPPEL METHOD

HAMMERHEAD CONFIGURATION

- RT FOREBODIES
- MISSILE CONFIGURATIONS

HAMMERS

- GS **HAMMERS**
- ... ELECTROMAGNETIC HAMMERS
- RT IMPACTORS
- PRESSES
- RAMS (PRESSES)
- TOOLS

HAMSTERS

- GS ANIMALS
- ... VERTEBRATES
- ... MAMMALS
- ... RODENTS
- ... **HAMSTERS**

HAND (ANATOMY)

- GS ANATOMY
- ... LIMBS (ANATOMY)
- ... **HAND (ANATOMY)**
- ... FINGERS
- APPENDAGES
- ... **HAND (ANATOMY)**
- ... FINGERS
- RT WRIST

HANDBOOKS

- GS DOCUMENTS
- ... **HANDBOOKS**
- ... USER MANUALS (COMPUTER PROGRAMS)
- RT BIBLIOGRAPHIES
- DIRECTORIES
- INDEXES (DOCUMENTATION)
- MANUALS
- SUBJECTS
- TEXTBOOKS
- TRAINING ANALYSIS

HANDEDNESS

- RT LATERAL STABILITY

HANDICAPS

- USE DISABILITIES

HANDLES

- RT KNOBS
- LEVERS
- MANUAL CONTROL

HANDLEY PAGE AIRCRAFT

- GS **HANDLEY PAGE AIRCRAFT**
- ... HP-115 AIRCRAFT
- ... VICTOR MK-1 AIRCRAFT
- RT ∞AIRCRAFT

HANDLEY PAGE HP-115 AIRCRAFT

- USE HP-115 AIRCRAFT

HANDLING EQUIPMENT

- GS **HANDLING EQUIPMENT**
- ... CRANES
- ... GANTRY CRANES
- RT CRAWLER TRACTORS
- ∞EQUIPMENT
- GROUND SUPPORT EQUIPMENT
- HARBORS
- LOCOMOTIVES
- PROPELLANT STORAGE
- ∞STORAGE
- TRACTORS
- TRANSPORTATION

HANDLING QUALITIES

- USE CONTROLLABILITY

HANDS (ROBOTICS)

- USE END EFFECTORS

HANDWRITING

- GS **HANDWRITING**
- ... GRAPHOLOGY
- RT CHARACTER RECOGNITION
- ORTHOGRAPHY

HANFORD REACTORS

- GS NUCLEAR REACTORS
- ... **HANFORD REACTORS**
- RT REACTOR DESIGN
- REACTOR PHYSICS
- REACTOR TECHNOLOGY

HANG GLIDERS

- GS GLIDERS
- ... **HANG GLIDERS**
- RT ∞AIRCRAFT
- FLEXIBLE WINGS
- FREE FLIGHT
- MAN POWERED AIRCRAFT
- PARAWINGS
- SAILWINGS
- SOARING
- ULTRALIGHT AIRCRAFT
- ∞WINGED VEHICLES

HANGARS

- UF AIRCRAFT HANGARS
- RT AIRFIELD SURFACE MOVEMENTS
- AIRPORTS
- BUILDINGS
- GROUND HANDLING
- GROUND STATIONS
- HELIPORTS
- MILITARY AIR FACILITIES

HANKEL FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
- ... COMPLEX VARIABLES
- ... BESSEL FUNCTIONS
- ... **HANKEL FUNCTIONS**
- ... REAL VARIABLES
- ... BESSEL FUNCTIONS
- ... **HANKEL FUNCTIONS**
- FUNCTIONS (MATHEMATICS)
- RT **HANKEL FUNCTIONS**
- BOUNDARY VALUE PROBLEMS
- DIFFERENTIAL EQUATIONS
- ORTHOGONAL FUNCTIONS

HANSEN LUNAR THEORY

- RT EARTH ORBITS
- ORBITAL MECHANICS
- PERTURBATION THEORY
- ∞THEORIES

HAPLOSOPES

- GS MEASURING INSTRUMENTS
- ... OPTICAL MEASURING INSTRUMENTS
- ... **HAPLOSOPES**
- OPTICAL EQUIPMENT
- ... OPTICAL MEASURING INSTRUMENTS
- ... **HAPLOSOPES**
- RT ASTIGMATISM
- BINOCULAR VISION
- EYE EXAMINATIONS
- ∞INSTRUMENTS
- OPTOMETRY

HARBORS

- GS WATERWAYS
- ... **HARBORS**
- ... ARTIFICIAL HARBORS
- RT BOATS
- BREAKWATERS
- CARGO
- DREDGING
- ESTUARIES
- FREIGHTERS
- HANDLING EQUIPMENT
- MARINE TRANSPORTATION
- OCEANOGRAPHY
- ∞PORTS
- REGIONAL PLANNING
- SHIP TERMINALS
- SHIPS
- TANKER SHIPS
- TERMINAL FACILITIES
- TRAFFIC
- ∞TRAVEL
- WATER VEHICLES
- WHARVES

HARD COAL

- USE ANTHRACITE

HARD LANDING

- GS LANDING
- ... **HARD LANDING**
- RT AIRCRAFT LANDING
- CRASH LANDING

HARD LANDING--(cont.)

LUNAR LANDING
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
WATER LANDING

HARDENERS

RT ALLOYS
HARDENING (MATERIALS)
HEAT TREATMENT

∞ HARDENING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT HARDENING (MATERIALS)
HARDENING (SYSTEMS)

HARDENING (MATERIALS)

UF METAL HARDENING
GS **HARDENING (MATERIALS)**
. CARBURIZING
. COLD HARDENING
. HOT PRESSING
. HOT ISOSTATIC PRESSING
. NITRIDING
. PRECIPITATION HARDENING
. MARAGING
. PULSE HEATING
. SHOT PEENING
. SILICONIZING
. WORK HARDENING
. STRAIN HARDENING
RT AGING (MATERIALS)
AGING (METALLURGY)
ANNEALING
COAGULATION
HARDENERS
∞ HARDENING
HEAT TREATMENT
MARTENSITE
METAL WORKING
∞ METALLURGY
MICROSTRUCTURE
NORMALIZING (HEAT TREATMENT)
PEENING
QUENCHING (COOLING)
∞ SETTING
SOFTENING
TEMPERING

HARDENING (SYSTEMS)

RT ∞ HARDENING
MISSILE DEFENSE
NUCLEAR WARFARE
∞ SYSTEMS

HARDNESS

GS MECHANICAL PROPERTIES
. **HARDNESS**
. KNOOP HARDNESS
. MICROHARDNESS
. ROCKWELL HARDNESS
RT ABRASION RESISTANCE
BRITTLE MATERIALS
BRITTLENESS
CHARPY IMPACT TEST
COLD HARDENING
DUCTILITY
FATIGUE (MATERIALS)
FRACTURE STRENGTH
IMPACT STRENGTH
INDENTATION
NOTCH TESTS
PLASTIC PROPERTIES
SOFTNESS
SURFACE PROPERTIES
TEMPER (METALLURGY)
TOUGHNESS
WEAR
WEAR RESISTANCE

HARDNESS TESTS

RT COMPRESSION TESTS
HIGH TEMPERATURE TESTS
IMPACT TESTS
KNOOP HARDNESS
LOW TEMPERATURE TESTS
∞ MATERIALS TESTS
NONDESTRUCTIVE TESTS
STATIC TESTS
∞ TESTS
WEAR TESTS

HARDWARE

RT COMPUTERS
ELECTRONIC MODULES
∞ EQUIPMENT
FIRMWARE
FIXTURES
TOOLS

HARDWARE UTILIZATION LISTS

UF HUL
GS LISTS
. **HARDWARE UTILIZATION LISTS**
RT ∞ CATALOGS
DOCUMENTS

HARLETON METEORITE

GS CELESTIAL BODIES
. METEORITES
. STONY METEORITES
. CHONDRITES
. **HARLETON METEORITE**
RT IRON METEORITES

HARMONIC ANALYSIS

GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. **HARMONIC ANALYSIS**
. TESSERAL HARMONICS
. ZONAL HARMONICS
RT BANACH SPACE
FORM FACTORS
FOURIER ANALYSIS
FREQUENCY ANALYZERS
MICROWAVE RESONANCE

HARMONIC CONTROL

RT ∞ CONTROL
HARMONIC OSCILLATION
HARMONICS
HELICOPTER CONTROL
ROTARY WINGS
VIBRATION DAMPING

HARMONIC EXCITATION

GS EXCITATION
. WAVE EXCITATION
. **HARMONIC EXCITATION**
HARMONICS
. **HARMONIC EXCITATION**
RT ACOUSTICS
FOURIER ANALYSIS
SIMPLE HARMONIC MOTION

HARMONIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
. COMPLEX VARIABLES
. **HARMONIC FUNCTIONS**
FUNCTIONS (MATHEMATICS)
. **HARMONIC FUNCTIONS**
RT AIRY FUNCTION
FOURIER ANALYSIS
LAPLACE EQUATION
MAXIMUM PRINCIPLE

HARMONIC GENERATIONS

GS HARMONICS
. **HARMONIC GENERATIONS**
RT ACOUSTICS
CARRIER FREQUENCIES
FOURIER ANALYSIS
PHASE MATCHING
WAVE GENERATION

HARMONIC GENERATORS

RT COMPARATORS
FREQUENCY CONVERTERS
∞ GENERATORS
HARMONICS
OSCILLATORS
SUBHARMONIC GENERATORS

HARMONIC MOTION

GS **HARMONIC MOTION**
. SIMPLE HARMONIC MOTION
RT GROUP VELOCITY
∞ MOTION

HARMONIC OSCILLATION

GS HARMONICS
. **HARMONIC OSCILLATION**
OSCILLATIONS
. **HARMONIC OSCILLATION**
RT ACOUSTICS
FOURIER ANALYSIS

HARMONIC OSCILLATION--(cont.)

HARMONIC CONTROL
TRANSVERSE OSCILLATION

HARMONIC OSCILLATORS

GS OSCILLATORS
. **HARMONIC OSCILLATORS**
RT HARMONICS
MECHANICAL OSCILLATORS
SUBHARMONIC GENERATORS

HARMONIC RADIATION

RT ELECTROMAGNETIC RADIATION
∞ RADIATION

HARMONICS

UF OVERTONES
GS **HARMONICS**
. HARMONIC EXCITATION
. HARMONIC GENERATIONS
. HARMONIC OSCILLATION
. SIMPLE HARMONIC MOTION
. SPHERICAL HARMONICS
. SUPERHARMONICS
. TESSERAL HARMONICS
. ZONAL HARMONICS
RT ACOUSTICS
CYCLES
FOURIER ANALYSIS
FREQUENCIES
HARMONIC CONTROL
HARMONIC GENERATORS
HARMONIC OSCILLATORS
NODES (STANDING WAVES)
RESONANT FREQUENCIES
SOUND-SOUND INTERACTIONS
STANDING WAVES
SUBAUDIBLE FREQUENCIES
SUBHARMONIC GENERATORS
VIBRATION
WAVELENGTHS

HARNESSES

RT COUCHES
SAFETY DEVICES
SEAT BELTS
SEATS
TRANSMISSION LINES

HARPOON MISSILE

GS MISSILES
. AIR TO SURFACE MISSILES
. **HARPOON MISSILE**
RT SURFACE TO SURFACE MISSILES
WEAPON SYSTEMS

HARRIER AIRCRAFT

UF AV-8A AIRCRAFT
AV-8B AIRCRAFT
YAV-8B AIRCRAFT
GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. **HARRIER AIRCRAFT**
HAWKER SIDDELEY AIRCRAFT
. **HARRIER AIRCRAFT**
RT ∞ AIRCRAFT
BUCCANEER AIRCRAFT
∞ MILITARY AIRCRAFT
P-1127 AIRCRAFT
SAAB 37 AIRCRAFT
VAMPIRE MK 35 AIRCRAFT
VULCAN AIRCRAFT

HARTMANN FLOW

GS FLUID FLOW
. LAMINAR FLOW
. **HARTMANN FLOW**
. STEADY FLOW
. **HARTMANN FLOW**
RT COUETTE FLOW
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMICS
TWO DIMENSIONAL FLOW

HARTMANN NUMBER

GS RATIOS
. DIMENSIONLESS NUMBERS
. **HARTMANN NUMBER**
RT MAGNETOHYDRODYNAMICS
VISCOUS DRAG

HARTREE APPROXIMATION

UF HARTREE-APPLETON APPROXIMATION
HARTREE-FOCK APPROXIMATION

HARTREE APPROXIMATION--(cont.)

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **HARTREE APPROXIMATION**
 RT ATOMIC STRUCTURE
 MANY BODY PROBLEM
 PERTURBATION THEORY
 SELF CONSISTENT FIELDS
 WAVE FUNCTIONS

HARTREE-APPLETON APPROXIMATION

USE HARTREE APPROXIMATION

HARTREE-FOCK APPROXIMATION

USE HARTREE APPROXIMATION

HARTREE-FOCK-SLATER METHOD

RT ATOMIC PHYSICS
 ELECTRON ENERGY
 ∞ METHODOLOGY
 SLATER ORBITALS

HARVARD RADIO METEOR PROJECT

GS PROGRAMS
 . PROJECTS
 . . **HARVARD RADIO METEOR PROJECT**
 RT RADIO ECHOES

HASTELLOY (TRADEMARK)

GS ALLOYS
 . NICKEL ALLOYS
 . . **HASTELLOY (TRADEMARK)**
 RT IRON ALLOYS
 MOLYBDENUM ALLOYS

HATCHES

RT AIR LOCKS
 DOORS
 EGRESS
 GATES (OPENINGS)
 INGRESS (SPACECRAFT PASSAGEWAY)

HAULING

RT CARGO
 DELIVERY
 MATERIALS HANDLING
 PACKAGING
 TRANSPORTATION
 TRANSPORTATION ENERGY
 TRUCKS

HAWAII

GS LANDFORMS
 . ISLANDS
 . . **HAWAII**
 NATIONS
 . UNITED STATES
 . . **HAWAII**

HAWK MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
 . . **HAWK MISSILE**
 RT SOLID PROPELLANT ROCKET ENGINES

HAWKER HUNTER AIRCRAFT

USE F-2 AIRCRAFT

HAWKER P-1127 AIRCRAFT

USE P-1127 AIRCRAFT

HAWKER P-1154 AIRCRAFT

USE P-1154 AIRCRAFT

HAWKER SIDDELEY AIRCRAFT

GS **HAWKER SIDDELEY AIRCRAFT**
 . ARGOSY MK-1 AIRCRAFT
 . AVRO 707 AIRCRAFT
 . BUCCANEER AIRCRAFT
 . COMET 4 AIRCRAFT
 . DH 112 AIRCRAFT
 . DH 115 AIRCRAFT
 . DH 121 AIRCRAFT
 . DH 125 AIRCRAFT
 . F-2 AIRCRAFT
 . GA-5 AIRCRAFT
 . HARRIER AIRCRAFT
 . HS-748 AIRCRAFT
 . HS-801 AIRCRAFT
 . P-1127 AIRCRAFT
 . P-1154 AIRCRAFT
 . SHACKLETON BOMBER
 . VAMPIRE MK 35 AIRCRAFT

HAWKER SIDDELEY AIRCRAFT--(cont.)

. VULCAN AIRCRAFT
 RT ∞ AIRCRAFT

HAWKEYE AIRCRAFT

USE E-2 AIRCRAFT

HAWKEYE SATELLITES

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . **HAWKEYE SATELLITES**

HAWKEYE 1 SATELLITE

USE EXPLORER 52 SATELLITE

HAY

GS FARM CROPS
 . **HAY**
 . PLANTS (BOTANY)
 . GRASSES
 . . **HAY**
 RT AGRICULTURE
 BOTANY
 EARTH RESOURCES
 FARMLANDS
 ∞ FOOD
 GRASSLANDS
 LEGUMINOUS PLANTS

HAYNES STELLITE

USE STELLITE (TRADEMARK)

HAZ (METALLURGY)

USE HEAT AFFECTED ZONE

HAZARDOUS MATERIAL DISPOSAL (IN SPACE)

GS DISPOSAL
 . WASTE DISPOSAL
 . . **HAZARDOUS MATERIAL DISPOSAL**
 (IN SPACE)
 RT AEROSPACE ENVIRONMENTS
 PUBLIC HEALTH
 RADIOACTIVE WASTES
 TOXICITY AND SAFETY HAZARD

HAZARDS

UF DANGER
 NOISE HAZARDS
 GS **HAZARDS**
 . AIRCRAFT HAZARDS
 . FLIGHT HAZARDS
 . . METEOROID HAZARDS
 . OPERATIONAL HAZARDS
 . RADIATION HAZARDS
 . TOXIC HAZARDS
 RT ACCIDENT PREVENTION
 ACCIDENTS
 AIRCRAFT SPIN
 AVOIDANCE
 CRASH INJURIES
 ∞ DETECTORS
 EXPLOSIONS
 FIRES
 FLAMMABLE GASES
 INCOMPATIBILITY
 INJURIES
 LOW VISIBILITY
 NOISE TOLERANCE
 OCCUPATIONAL DISEASES
 PROTECTION
 RISK
 SABOTAGE
 SAFETY
 SAFETY DEVICES
 SAFETY FACTORS
 SAFETY MANAGEMENT
 SPACECRAFT BREAKUP
 SPONTANEOUS COMBUSTION
 TOXICOLOGY
 WARNING SYSTEMS

HAZE

RT AIR POLLUTION
 ATMOSPHERIC OPTICS
 CLARITY
 FOG
 HALOS
 LIGHT TRANSMISSION
 LOW VISIBILITY
 MIST
 OPACITY
 OPTICAL PROPERTIES
 TRANSPARENCY
 TURBIDITY

HAZE--(cont.)

VISIBILITY

HAZE DETECTION

GS DETECTION
 . **HAZE DETECTION**
 RT FOG
 FOREST FIRE DETECTION
 FUMES
 GAS DETECTORS
 MIST
 REMOTE SENSORS
 SMOKE
 VAPORS

HBNQ

USE NITROGUANIDINE

HBWR REACTOR

USE HALDEN BOILING WATER REACTOR

HC-1 HELICOPTER

USE CH-47 HELICOPTER

HC-3 HELICOPTER

UF OMNIPOL HC-3 HELICOPTER
 GS GENERAL AVIATION AIRCRAFT
 . **HC-3 HELICOPTER**
 . TRANSPORT AIRCRAFT
 . **HC-3 HELICOPTER**
 . UTILITY AIRCRAFT
 . **HC-3 HELICOPTER**
 . V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **HC-3 HELICOPTER**
 RT PASSENGER AIRCRAFT

HCL ARGON LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . HCL LASERS
 **HCL ARGON LASERS**

HCL LASERS

UF HYDROGEN CHLORIDE LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . CHEMICAL LASERS
 . . . **HCL LASERS**
 . . . GAS LASERS
 . . . **HCL LASERS**
 HCL ARGON LASERS

HCMM

USE HEAT CAPACITY MAPPING MISSION

HCN LASERS

UF HYDROGEN CYANIDE LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **HCN LASERS**
 RT CHEMICAL LASERS
 COHERENT LIGHT
 HYDROCYANIC ACID
 LIGHT AMPLIFIERS
 LIGHT SOURCES
 OPTICAL PUMPING
 STIMULATED EMISSION

HD-1 GROUND EFFECT MACHINES

USE HOVERCRAFT GROUND EFFECT
 MACHINES

HDTV

USE HIGH DEFINITION TELEVISION

HEAD (ANATOMY)

GS ANATOMY
 . **HEAD (ANATOMY)**
 . . SKULL
 . . . CRANIUM
 INTRACRANIAL CAVITY
 . . . MASTOIDS
 RT BRAIN
 CHIN
 EYE (ANATOMY)
 FACE (ANATOMY)
 FOREHEAD
 LIPS (ANATOMY)
 NOSE (ANATOMY)

HEAD (ANATOMY)--(cont.)
SENSE ORGANS**HEAD (FLUID MECHANICS)**

GS FLUID FLOW
 . HEAD (FLUID MECHANICS)
 . . HEAD FLOW
 . . PRESSURE HEADS
 RT ELEVATION
 GEOPOTENTIAL HEIGHT
 HYDROSTATIC PRESSURE
 HYDROSTATICS
 LIQUID FLOW
 PRESSURE
 SCALE HEIGHT

HEAD (PRESSURE)

USE PRESSURE HEADS

HEAD DOWN TILT

RT AEROSPACE MEDICINE
 BED REST
 BIOASTRONAUTICS
 BODY SWAY TEST
 HEMODYNAMIC RESPONSES
 HYPOKINESIA
 ORTHOSTATIC TOLERANCE
 PHYSIOLOGICAL EFFECTS
 VESTIBULAR TESTS
 WEIGHTLESSNESS SIMULATION

HEAD FLOW

GS FLUID FLOW
 . HEAD (FLUID MECHANICS)
 . . HEAD FLOW
 RT BASE FLOW
 BLASIU FLOW
 INLET FLOW
 LIQUID FLOW
 ∞ PRESSURE DROP

HEAD MOVEMENT

RT ACCELERATION STRESSES
 (PHYSIOLOGY)
 AEROSPACE MEDICINE
 EYE MOVEMENTS
 ∞ MOTION
 MOTION SICKNESS
 VESTIBULAR TESTS

HEAD-UP DISPLAYS

GS DISPLAY DEVICES
 . HEAD-UP DISPLAYS
 RT AVIONICS
 CONSOLES
 FLIGHT INSTRUMENTS
 IMAGE TUBES
 INDICATING INSTRUMENTS
 LANDING AIDS
 NAVIGATION AIDS
 POSITION INDICATORS
 SPACECRAFT POSITION INDICATORS
 WARNING SYSTEMS

HEADACHE

UF CEPHALAGIA
 GS DISEASES
 . HEADACHE
 SIGNS AND SYMPTOMS
 . HEADACHE

∞ HEADERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BEAMS (SUPPORTS)
 CHASSIS
 HERMETIC SEALS
 PIPES (TUBES)
 SUPPORTS
 ∞ TERMINALS

HEADSETS

USE EARPHONES

HEALING

GS HEALING
 . WOUND HEALING
 RT CLINICAL MEDICINE
 CURES
 THERAPY

HEALTH

GS HEALTH

HEALTH--(cont.)

. HEALTH PHYSICS
 . . PUBLIC HEALTH
 . . MENTAL HEALTH
 RT CHRONIC CONDITIONS
 CLINICAL MEDICINE
 HYGIENE
 ORAL HYGIENE
 PSYCHOTHERAPY
 SANITATION

HEALTH PHYSICS

GS BIOPHYSICS
 . HEALTH PHYSICS
 . . PUBLIC HEALTH
 HEALTH
 . HEALTH PHYSICS
 . . PUBLIC HEALTH
 RT FLUENCE
 INDUSTRIAL SAFETY
 NUCLEAR MEDICINE
 NUCLEAR PHYSICS
 NUCLEAR RADIATION
 OCCUPATIONAL DISEASES
 ∞ PHYSICS
 RADIATION DETECTORS
 RADIATION DOSAGE
 RADIATION EFFECTS
 RADIATION HAZARDS
 RADIATION INJURIES
 RADIATION MEASURING INSTRUMENTS
 RADIATION PROTECTION
 RADIATION SICKNESS
 RADIOBIOLOGY
 SAFETY FACTORS
 ∞ SCIENCE

HEALTH PHYSICS RESEARCH REACTOR

UF HPRR
 GS NUCLEAR REACTORS
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . HEALTH PHYSICS RESEARCH
 REACTOR
 RT ∞ PHYSICS

HEALTH-EDUCATION TELECOMMUNICATIONS EXP

USE HET EXPERIMENT

HEAO

UF HIGH ENERGY ASTRONOMY
 OBSERVATORIES
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 1
 HEAO 2
 HEAO 3
 RT OAO

HEAO A

USE HEAO 1

HEAO B

USE HEAO 2

HEAO C

USE HEAO 3

HEAO 1

UF HEAO A
 HIGH ENERGY ASTRONOMY
 OBSERVATORY A
 HIGH ENERGY ASTRONOMY
 OBSERVATORY 1
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 1
 UNMANNED SPACECRAFT
 . HEAO 1
 RT OAO

HEAO 2

UF EINSTEIN OBSERVATORY
 HEAO B
 HIGH ENERGY ASTRONOMY
 OBSERVATORY B
 HIGH ENERGY ASTRONOMY
 OBSERVATORY 2
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES

HEAO 2--(cont.)

. . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 2
 UNMANNED SPACECRAFT
 . HEAO 2
 RT OAO

HEAO 3

UF HEAO C
 HIGH ENERGY ASTRONOMY
 OBSERVATORY C
 HIGH ENERGY ASTRONOMY
 OBSERVATORY 3
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 3
 UNMANNED SPACECRAFT
 . HEAO 3
 RT OAO

HEARING

GS HEARING
 . BINAURAL HEARING
 RT AUDIOLOGY
 AUDIOMETRY
 AUDITORY FATIGUE
 AUDITORY TASKS
 EAR
 LOUDNESS
 STEREOPHONICS
 THRESHOLDS (PERCEPTION)

HEARING LOSS

USE AUDITORY DEFECTS

HEART

GS ANATOMY
 . CIRCULATORY SYSTEM
 . . CARDIOVASCULAR SYSTEM
 . . . HEART
 CARDIAC AURICLES
 CARDIAC VENTRICLES
 EPICARDIUM
 MYOCARDIUM
 RT AORTA
 ARTIFICIAL CARDIAC PACEMAKER
 ARTIFICIAL HEART VALVES
 BLOOD
 BLOOD PUMPS
 CARDIOGRAMS
 CARDIOGRAPHY
 CARDIOLOGY
 CARDIOTACHOMETERS
 CORONARY CIRCULATION
 DIASTOLE
 MUSCLES
 PHONOCARDIOGRAPHY

HEART DISEASES

GS DISEASES
 . HEART DISEASES
 . . ANGINA PECTORIS
 . . CORONARY ARTERY DISEASE
 . . INFARCTION
 . . . MYOCARDIAL INFARCTION
 RT BRADYCARDIA
 CARDIOGRAPHY
 CARDIOLOGY
 CARDIOVASCULAR SYSTEM
 ECHOCARDIOGRAPHY
 ELECTROCARDIOGRAPHY
 FAT EMBOLISMS
 FIBRILLATION
 HIS BUNDLE
 PHONOCARDIOGRAPHY

HEART FUNCTION

GS HEART FUNCTION
 . DIASTOLE
 . FIBRILLATION
 . SYSTOLE
 RT ANGINA PECTORIS
 BLOOD CIRCULATION
 BLOOD PRESSURE
 CARDIAC OUTPUT
 CARDIOGRAPHY
 CAROTID SINUS REFLEX
 CYANOSIS
 ECHOCARDIOGRAPHY
 HEART MINUTE VOLUME
 HEART RATE
 HEMODYNAMICS

HEART FUNCTION--(cont.)

HIS BUNDLE
PHYSIOLOGY
STROKE VOLUME

HEART IMPLANTATION

GS IMPLANTATION
RT **HEART IMPLANTATION**
ARTIFICIAL HEART VALVES
BIOTECHNOLOGY
BLOOD CIRCULATION
PULMONARY CIRCULATION
SURGERY
TRANSPLANTATION

HEART MINUTE VOLUME

GS OUTPUT
CARDIAC OUTPUT
RT **HEART MINUTE VOLUME**
HEART FUNCTION
SPIROMETERS

HEART RATE

UF PULSE (CARDIOVASCULAR)
GS RATES (PER TIME)
HEART RATE
ARRHYTHMIA
BRADYCARDIA
TACHYCARDIA
RT ANGINA PECTORIS
BIOFEEDBACK
BIOMEDICAL DATA
CARDIAC OUTPUT
CARDIOLOGY
DIASTOLE
EPINEPHRINE
HEART FUNCTION
HERING-BREVER REFLEX
SPHYMOGRAPHY
STROKE VOLUME
SYSTOLE

HEART VALVES

GS VALVES
RT **HEART VALVES**
CORONARY CIRCULATION

HEARTHS

RT FURNACES
REFRACTORIES

HEAT

GS **HEAT**
DRY HEAT
ENTHALPY
GIBBS FREE ENERGY
HEAT OF DISSOCIATION
HEAT OF FORMATION
HEAT OF SOLUTION
LATENT HEAT
HEAT OF FUSION
HEAT OF VAPORIZATION
HEAT OF COMBUSTION
NUCLEAR HEAT
PROCESS HEAT
SPECIFIC HEAT
RT ACTIVATION ENERGY
ENERGY
ENTROPY
HEATING
HEATING EQUIPMENT
INFRARED RADIATION
TEMPERATURE
THERMAL ENERGY
THERMAL INSULATION
THERMAL RADIATION
THERMOCHEMISTRY
THERMODYNAMIC PROPERTIES
THERMODYNAMICS
WORK

HEAT ACCLIMATIZATION

GS ADAPTATION
ACCLIMATIZATION
HEAT ACCLIMATIZATION
RT BODY TEMPERATURE
COLD ACCLIMATIZATION
HIGH TEMPERATURE ENVIRONMENTS
HUMAN TOLERANCES
PERSPIRATION
PHYSIOLOGICAL EFFECTS

HEAT AFFECTED ZONE

UF HAZ (METALLURGY)
RT ARC WELDING

HEAT AFFECTED ZONE--(cont.)

GAS TUNGSTEN ARC WELDING
HEAT TREATMENT
METAL BONDING
METAL-METAL BONDING
METALLURGY
SOLDERING
TEMPERATURE DEPENDENCE
TEMPERATURE EFFECTS
THERMOMECHANICAL TREATMENT
WELDABILITY
WELDING

HEAT BALANCE

RT ATMOSPHERIC HEAT BUDGET
BALANCE
BOILERS
COMBUSTION
MATERIAL BALANCE
PYROMETALLURGY
THERMOCHEMICAL PROPERTIES
THERMOCHEMISTRY
THERMODYNAMIC PROPERTIES

HEAT BUDGET

GS ENERGY BUDGETS
HEAT BUDGET
ATMOSPHERIC HEAT BUDGET
RT BUDGETS
EARTH RADIATION BUDGET
SPECIFIC HEAT

HEAT CAPACITY

USE SPECIFIC HEAT

HEAT CAPACITY MAPPING MISSION

UF HCMM
RT APPLICATIONS EXPLORER SATELLITES
GEOGRAPHY
MAPPING
MISSIONS
PLANETARY MAPPING
THERMAL MAPPING

HEAT CONDUCTION

USE CONDUCTIVE HEAT TRANSFER

HEAT CONTENT

USE ENTHALPY

HEAT DISSIPATION

USE COOLING

HEAT DISSIPATION CHILLING

USE COOLING

HEAT EFFECTS

USE TEMPERATURE EFFECTS

HEAT ENGINES

RT CERAMICS
ENERGY TECHNOLOGY
ENGINES
THERMODYNAMIC CYCLES

HEAT EQUATIONS

USE THERMODYNAMICS

HEAT EXCHANGERS

GS **HEAT EXCHANGERS**
TUBE HEAT EXCHANGERS
RT CONDENSERS (LIQUEFIERS)
COOLANTS
COOLING
COOLING FINS
COOLING SYSTEMS
COUNTERFLOW
EVAPORATORS
EXCHANGERS
FINNED BODIES
GAS COOLING
GEOTHERMAL ENERGY EXTRACTION
HEATING
HEATING EQUIPMENT
REGENERATIVE COOLING
REGENERATORS
SNAP
SNAP 1
SNAP 2
SNAP 8
SNAP 10A
SPACE COOLING (BUILDINGS)
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS

HEAT EXCHANGERS--(cont.)

WASTE HEAT
WATER HEATING

HEAT FLOW

USE HEAT TRANSMISSION

HEAT FLUX

SN (LIMITED TO HEAT ENERGY
TRANSMISSION RATE)
GS RATES (PER TIME)
FLUX (RATE)
HEAT FLUX
RT FLUX DENSITY
SOLAR FLUX

HEAT GAIN

USE HEATING

HEAT GENERATION

SN (EXCLUDES BIOLOGICAL PRODUCTION
OF HEAT)
RT COGENERATION
COMBUSTION
DIRECT POWER GENERATORS
GENERATION
HEATING
HEATING EQUIPMENT
PROCESS HEAT
SOLID PROPELLANT COMBUSTION

HEAT ISLANDS

RT CITIES
CLIMATOLOGY
URBAN PLANNING
WEATHER MODIFICATION

HEAT MEASUREMENT

UF CALORIMETRY
RT BOLOMETERS
BOMB CALORIMETERS
CALORIMETERS
DROP CALORIMETERS
ENTHALPY
FLAME CALORIMETERS
MEASUREMENT
SHELL ANODES

HEAT OF COMBUSTION

UF COMBUSTION HEAT
GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
HEAT
HEAT OF COMBUSTION
THERMODYNAMIC PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF COMBUSTION
RT COMBUSTION PHYSICS
GUNS (ORDNANCE)

HEAT OF DISSOCIATION

GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF DISSOCIATION
HEAT
ENTHALPY
HEAT OF DISSOCIATION
THERMODYNAMIC PROPERTIES
ENTHALPY
HEAT OF DISSOCIATION
THERMOCHEMICAL PROPERTIES
HEAT OF DISSOCIATION
RT CHEMICAL EQUILIBRIUM
DISSOCIATION
EQUILIBRIUM
REACTION KINETICS
THERMAL DISSOCIATION
THERMOCHEMISTRY
THERMODYNAMIC EQUILIBRIUM

HEAT OF FORMATION

UF FORMATION HEAT
GS CHEMICAL PROPERTIES
THERMOCHEMICAL PROPERTIES
HEAT OF FORMATION
HEAT
ENTHALPY
HEAT OF FORMATION
THERMODYNAMIC PROPERTIES
ENTHALPY
HEAT OF FORMATION
THERMOCHEMICAL PROPERTIES
HEAT OF FORMATION

HEAT OF FUSION

UF FUSION HEAT
 LATENT HEAT OF FUSION
 GS CHEMICAL PROPERTIES
 THERMOCHEMICAL PROPERTIES
 . . . LATENT HEAT
 . . . **HEAT OF FUSION**
 HEAT
 . ENTHALPY
 . . . LATENT HEAT
 . . . **HEAT OF FUSION**
 THERMODYNAMIC PROPERTIES
 . ENTHALPY
 . . . LATENT HEAT
 . . . **HEAT OF FUSION**
 THERMOCHEMICAL PROPERTIES
 . . . LATENT HEAT
 . . . **HEAT OF FUSION**
 THERMOPHYSICAL PROPERTIES
 . . . LATENT HEAT
 . . . **HEAT OF FUSION**
 RT FUSION (MELTING)
 MELTING
 PHASE CHANGE MATERIALS
 PHASE DIAGRAMS
 PHASE TRANSFORMATIONS
 SPECIFIC HEAT
 THERMAL ENERGY
 THERMOCHEMISTRY
 THERMODYNAMICS
 TRANSITION TEMPERATURE

HEAT OF SOLUTION

GS CHEMICAL PROPERTIES
 THERMOCHEMICAL PROPERTIES
 . . . **HEAT OF SOLUTION**
 HEAT
 . ENTHALPY
 . . . **HEAT OF SOLUTION**
 THERMODYNAMIC PROPERTIES
 . ENTHALPY
 . . . **HEAT OF SOLUTION**
 THERMOCHEMICAL PROPERTIES
 . . . **HEAT OF SOLUTION**
 THERMOPHYSICAL PROPERTIES
 . . . **HEAT OF SOLUTION**
 RT MOLECULAR ENERGY LEVELS
 THERMAL ENERGY
 THERMOCHEMISTRY
 THERMODYNAMICS

HEAT OF VAPORIZATION

UF VAPORIZATION HEAT
 GS CHEMICAL PROPERTIES
 THERMOCHEMICAL PROPERTIES
 . . . LATENT HEAT
 . . . **HEAT OF VAPORIZATION**
 HEAT
 . ENTHALPY
 . . . LATENT HEAT
 . . . **HEAT OF VAPORIZATION**
 THERMODYNAMIC PROPERTIES
 . ENTHALPY
 . . . LATENT HEAT
 . . . **HEAT OF VAPORIZATION**
 THERMOCHEMICAL PROPERTIES
 . . . LATENT HEAT
 . . . **HEAT OF VAPORIZATION**
 THERMOPHYSICAL PROPERTIES
 . . . LATENT HEAT
 . . . **HEAT OF VAPORIZATION**
 RT VAPORIZING

HEAT PIPES

SN (EXCLUDES PIPES AND TUBES USED FOR THE TRANSMISSION OF HEATED LIQUIDS OR GASES)
 RT GEOTHERMAL ENERGY UTILIZATION
 SPACECRAFT TEMPERATURE

HEAT PUMPS

RT AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 CONDENSERS (LIQUEFIERS)
 COOLING SYSTEMS
 GEOTHERMAL ENERGY EXTRACTION
 HEATING EQUIPMENT
 PUMPS
 REFRIGERATING MACHINERY
 RESIDENTIAL ENERGY
 SPACE COOLING (BUILDINGS)
 THERMOELECTRIC COOLING
 WASTE HEAT

HEAT RADIATORS

UF CONDENSER RADIATORS
 HEAT REJECTION DEVICES
 GS **HEAT RADIATORS**
 . SPACECRAFT RADIATORS
 RT BLACK BODY RADIATION
 COOLING
 COOLING FINS
 COOLING SYSTEMS
 HEATING EQUIPMENT
 ∞ INSULATED STRUCTURES
 RADIATIVE HEAT TRANSFER
 ∞ RADIATORS
 STEFAN-BOLTZMANN LAW

HEAT REGULATION

USE TEMPERATURE CONTROL

HEAT REJECTION DEVICES

USE HEAT RADIATORS

HEAT RESISTANCE

USE THERMAL RESISTANCE

HEAT RESISTANT ALLOYS

UF HIGH TEMPERATURE ALLOYS
 SUPERALLOYS
 GS ALLOYS
 . **HEAT RESISTANT ALLOYS**
 . . NIMONIC ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . MOLYBDENUM ALLOYS
 . . . RENE 41
 . . . RENE 63
 . . . RENE 77
 . . . NIOBIUM ALLOYS
 . . . OSMIUM ALLOYS
 . . . RHENIUM ALLOYS
 . . . TANTALUM ALLOYS
 . . . TUNGSTEN ALLOYS
 . . . UDIMET ALLOYS
 . . WASPALOY
 RT ALUMINIDES
 CERMETS
 CHROMIUM ALLOYS
 COBALT ALLOYS
 HAFNIUM ALLOYS
 NICKEL ALLOYS
 REFRACTORY METALS
 SULFIDATION
 SUPERPLASTICITY

HEAT SHIELDING

UF THERMAL SHIELDING
 GS SHIELDING
 . **HEAT SHIELDING**
 . . REENTRY SHIELDING
 . . REUSABLE HEAT SHIELDING
 RT ABLATION
 ABLATIVE MATERIALS
 ABLATIVE NOSE CONES
 COOLING
 INFRARED SUPPRESSION
 ∞ INSULATED STRUCTURES
 LUDOX (TRADEMARK)
 PYROLYTIC GRAPHITE
 SOLAR REFLECTORS
 SPACECRAFT SHIELDING
 TEMPERATURE
 TEMPERATURE CONTROL
 THERMAL CONTROL COATINGS
 THERMAL INSULATION
 THERMAL PROTECTION

HEAT SINKS

UF THERMAL SINKS
 GS SINKS
 . **HEAT SINKS**
 RT ABLATIVE MATERIALS
 ABSORBERS (MATERIALS)
 COOLING SYSTEMS
 ENDOTHERMIC REACTIONS
 ENERGY ABSORPTION
 REENTRY SHIELDING
 REGENERATORS
 THERMAL ABSORPTION
 THERMAL INSULATION

HEAT SOURCES

UF HYDRAULIC HEATING SOURCES
 GS **HEAT SOURCES**
 . THERMAL RESOURCES
 . . GEOTHERMAL RESOURCES
 . . . GEYSERS
 RT ∞ ENERGY SOURCES

HEAT SOURCES--(cont.)

ENERGY STORAGE
 ENGINES
 GEOTHERMAL TECHNOLOGY
 LASER HEATING
 LIGHT SOURCES
 ∞ POWER SUPPLIES
 RADIATION SOURCES
 THERMODYNAMIC EFFICIENCY

HEAT STORAGE

UF THERMAL ENERGY STORAGE
 GS ENERGY STORAGE
 . **HEAT STORAGE**
 RT GEOTHERMAL ENERGY UTILIZATION
 HEAT TAPES
 PHASE CHANGE MATERIALS
 SOLAR DYNAMIC POWER SYSTEMS
 SOLAR HOUSES
 TEMPERATURE
 TROMBE WALLS

HEAT STROKE

RT BODY TEMPERATURE
 HEAT TOLERANCE
 HOT WEATHER
 HYPERTHERMIA
 PHYSIOLOGICAL EFFECTS
 THERMAL COMFORT
 THERMAL ENVIRONMENTS

HEAT TAPES

RT HEAT STORAGE
 ICE PREVENTION
 ∞ TAPES

HEAT TESTS

USE HIGH TEMPERATURE TESTS

HEAT TOLERANCE

GS TOLERANCES (PHYSIOLOGY)
 . **HEAT TOLERANCE**
 RT BODY TEMPERATURE
 COLD TOLERANCE
 HEAT STROKE
 HUMAN TOLERANCES

HEAT TRANSFER

SN (TRANSMISSION ACROSS AN INTERFACE)
 UF NONADIABATIC PROCESSES
 GS TRANSMISSION
 . HEAT TRANSMISSION
 . . **HEAT TRANSFER**
 . . . AERODYNAMIC HEAT TRANSFER
 . . . HYPERSONIC HEAT TRANSFER
 . . . SUPERSONIC HEAT TRANSFER
 . . . CONDUCTIVE HEAT TRANSFER
 . . . CONVECTIVE HEAT TRANSFER
 . . . LAMINAR HEAT TRANSFER
 . . . RADIATIVE HEAT TRANSFER
 . . . TURBULENT HEAT TRANSFER
 RT ADVECTION
 ATMOSPHERIC HEAT BUDGET
 BATHS
 BIOT NUMBER
 BOILING
 BOUSSINESQ APPROXIMATION
 CHEMICAL ENGINEERING
 COMPRESSIBILITY EFFECTS
 ∞ CONDUCTION
 COOLING
 COUNTERFLOW
 CRYOGENIC COOLING
 DIFFUSE RADIATION
 DIMENSIONLESS NUMBERS
 ENERGY TRANSFER
 FILM BOILING
 FILM CONDENSATION
 FLAT PLATES
 FLUID BOUNDARIES
 FORCED CONVECTION
 GAS TRANSPORT
 GAS-LIQUID INTERACTIONS
 GAS-SOLID INTERFACES
 GEOTHERMAL ENERGY CONVERSION
 GEOTHERMAL TECHNOLOGY
 HEATING
 HOT SURFACES
 LEIDENFROST PHENOMENON
 LEWIS NUMBERS
 LIQUID-LIQUID INTERFACES
 LIQUID-SOLID INTERFACES
 LIQUID-VAPOR INTERFACES
 MASS TRANSFER

HEAT TRANSFER--(cont.)

MECHANICAL ENGINEERING
METAL VAPORS
NONADIABATIC CONDITIONS
NONGRAY GAS
NONISOTHERMAL PROCESSES
NUCLEATE BOILING
NUSSELT NUMBER
PECLET NUMBER
PHASE CHANGE MATERIALS
PRANDTL NUMBER
RADIATIVE TRANSFER
RAYLEIGH EQUATIONS
REUSABLE HEAT SHIELDING
STAGNATION POINT
STANTON NUMBER
TEMPERATURE PROFILES
TEMPERATURE RATIO
THERMAL DIFFUSION
THERMAL EXPANSION
THERMAL INSULATION
THERMAL POLLUTION
THERMODYNAMICS
THERMOMIGRATION
TRANSFERRING
TRANSPORT PROPERTIES
WASTE ENERGY UTILIZATION

HEAT TRANSFER COEFFICIENTS

SN (HEAT FLUX PER UNIT AREA PER UNIT
TEMPERATURE DIFFERENCE)
GS COEFFICIENTS
RT **HEAT TRANSFER COEFFICIENTS**
ACCOMMODATION COEFFICIENT
EVAPORATION RATE
HEATING
MASS FLOW FACTORS
NUCLEATE BOILING

HEAT TRANSMISSION

UF HEAT FLOW
GS TRANSMISSION
RT **HEAT TRANSMISSION**
HEAT TRANSFER
AERODYNAMIC HEAT TRANSFER
HYPERSONIC HEAT TRANSFER
SUPERSONIC HEAT TRANSFER
CONDUCTIVE HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
LAMINAR HEAT TRANSFER
RADIATIVE HEAT TRANSFER
TURBULENT HEAT TRANSFER
ADIABATIC EQUATIONS
ANNULAR FLOW
CONVECTION
CONVECTIVE FLOW
DUCTED FLOW
EQUILIBRIUM FLOW
FLOW
FLUID FLOW
GEOPHYSICS
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL ENERGY EXTRACTION
GEOTHERMAL RESOURCES
MASS FLOW FACTORS
NONEQUILIBRIUM FLOW
POTENTIAL FLOW
RADIAL FLOW
RADIATIVE TRANSFER
STEADY FLOW
THERMAL ANALYSIS
THERMAL INSULATION
THERMOHYDRAULICS
UNIFORM FLOW
UNSTEADY FLOW
WALL FLOW

HEAT TREATMENT

GS **HEAT TREATMENT**
ANNEALING
LASER ANNEALING
PULSE HEATING
MARAGING
NITRIDING
NORMALIZING (HEAT TREATMENT)
STRESS RELIEVING
TEMPERING
RT AGING (METALLURGY)
ALLOYS
BAKING
CRITICAL TEMPERATURE
FERRITIC STAINLESS STEELS
FORGING
FURNACES
GRAPHITIZATION

HEAT TREATMENT--(cont.)

HARDENERS
HARDENING (MATERIALS)
HEAT AFFECTED ZONE
HEATING
MARTENSITE
METALLURGY
MICROSTRUCTURE
NUCLEATION
PHASE DIAGRAMS
PRECIPITATION HARDENING
QUENCHING (COOLING)
RECRYSTALLIZATION
SALT BATHS
SOAKING
STABILIZATION
SUPERCOOLING
SUPERSATURATION
TEMPER (METALLURGY)
TEMPERATURE DISTRIBUTION
THERMOCHEMISTRY
THERMOMECHANICAL TREATMENT
TREATMENT

HEATERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE
TERMS LISTED BELOW)*
RT DEICERS
DEICING
ELECTRON TUBES
HEATING EQUIPMENT
VAPORIZERS
WATER HEATING

HEATING

UF HEAT GAIN
PREHEATING
REHEATING
WARMING
GS **HEATING**
ARC HEATING
ATMOSPHERIC HEATING
GLOBAL WARMING
STRATOSPHERIC WARMING
BAKING
BASE HEATING
GAS HEATING
INDUCTION HEATING
IONOSPHERIC HEATING
KINETIC HEATING
AERODYNAMIC HEATING
SHOCK HEATING
LASER HEATING
MAGNETOHYDRODYNAMIC SHEAR
HEATING
PASTEURIZING
PLASMA HEATING
ELECTRON CYCLOTRON HEATING
RADIANT HEATING
RADIO FREQUENCY HEATING
RESISTANCE HEATING
SOLAR HEATING
SPACE HEATING (BUILDINGS)
SUPERHEATING
TRANSIENT HEATING
PULSE HEATING
SHOCK HEATING
WATER HEATING
RT AIR CONDITIONING
ANNEALING
AUTOCLAVING
BOILING
CEMENTATION
CONDUCTION
CONVECTION
COOLING
DECARBURIZATION
DEFROSTING
ENVIRONMENTAL ENGINEERING
GEOTHERMAL ENERGY EXTRACTION
GEOTHERMAL ENERGY UTILIZATION
HEAT EXCHANGERS
HEAT GENERATION
HEAT TRANSFER
HEAT TRANSFER COEFFICIENTS
HEAT TREATMENT
HEATING EQUIPMENT
HILSCH TUBES
HYDROTHERMAL SYSTEMS
ICE PREVENTION
INTEGRATED ENERGY SYSTEMS
JACKETS
LASER ANNEALING
LASER WELDING

HEATING--(cont.)

MELTING
MODULAR INTEGRATED UTILITY SYSTEM
RADIATION
ROASTING
SINTERING
SOAKING
TEMPERATURE
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
THERMAL CYCLING TESTS
THERMAL SHOCK
THERMAL STRESSES
VAPORIZING
WASTE ENERGY UTILIZATION

HEATING EQUIPMENT

UF GERDIEN ARC HEATERS
PREHEATERS
GS **HEATING EQUIPMENT**
BOILERS
FURNACES
ELECTRIC FURNACES
IMAGE FURNACES
SOLAR FURNACES
VACUUM FURNACES
OVENS
VAPORIZERS
EVAPORATORS
RT AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
CRUCIBLES
DEICERS
DEICING
ELECTRIC EQUIPMENT
EQUIPMENT
FUEL TANKS
HEAT EXCHANGERS
HEAT GENERATION
HEAT PUMPS
HEAT RADIATORS
HEATERS
HEATING
ONBOARD EQUIPMENT
SPACE HEATING (BUILDINGS)
TEMPERATURE CONTROL
THERMAL INSULATION
WATER HEATING

HEAVING

RT BENDING
BOWS
BUCKLING
DISPLACEMENT
DISTORTION
FLEXING
MOTION
PITCH (INCLINATION)
WARPAGE

HEAVY COSMIC RAY PRIMARIES

USE HEAVY NUCLEI
PRIMARY COSMIC RAYS

HEAVY ELEMENTS

GS CHEMICAL ELEMENTS
HEAVY ELEMENTS
RT ELEMENTS
HEAVY IONS

HEAVY IONS

GS IONS
HEAVY IONS
RT HEAVY ELEMENTS
ION STRIPPING
ISOTOPE SEPARATION
ISOTOPES
LIGHT IONS

HEAVY LIFT AIRSHIPS

GS AIRSHIPS
HEAVY LIFT AIRSHIPS
RT MATERIALS HANDLING
ROTORS

HEAVY LIFT HELICOPTERS

GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
HEAVY LIFT HELICOPTERS
CH-62 HELICOPTER
RT AIR CARGO
AIRCRAFT
CARGO AIRCRAFT

HEAVY LIFT HELICOPTERS--(cont.)

HELICOPTER DESIGN

HEAVY LIFT LAUNCH VEHICLES

- UF HLLV
- GS LAUNCH VEHICLES
 - . HEAVY LIFT LAUNCH VEHICLES
- RT ADVANCED LAUNCH SYSTEM (STS)
 - ROCKET ENGINES
 - ∞ ROCKETS
 - SPACECRAFT LAUNCHING
 - ∞ VEHICLES

HEAVY NUCLEI

- UF HEAVY COSMIC RAY PRIMARIES
- GS PARTICLES
 - . CHARGED PARTICLES
 - . . . ENERGETIC PARTICLES
 - NUCLEI (NUCLEAR PHYSICS)
 - HEAVY NUCLEI
- RT PRIMARY COSMIC RAYS

HEAVY WATER

- UF DEUTERIUM OXIDES
 - HYDROGEN DEUTERIUM OXIDE
- GS CHALCOGENIDES
 - . OXIDES
 - . . . HEAVY WATER
 - HYDROGEN COMPOUNDS
 - . DEUTERIUM COMPOUNDS
 - . . . HEAVY WATER
 - WATER
 - . HEAVY WATER
- RT DEUTERIUM
 - MODERATORS
 - TRITIUM

HEAVY WATER COMPONENTS TEST REACTORS

- GS NUCLEAR REACTORS
 - . LIQUID COOLED REACTORS
 - . . . WATER COOLED REACTORS
 - HEAVY WATER REACTORS
 - HEAVY WATER COMPONENTS TEST REACTORS
 - . NUCLEAR RESEARCH AND TEST REACTORS
 - . . . HEAVY WATER COMPONENTS TEST REACTORS
 - WATER MODERATED REACTORS
 - HEAVY WATER COMPONENTS TEST REACTORS

HEAVY WATER REACTORS

- GS NUCLEAR REACTORS
 - . LIQUID COOLED REACTORS
 - . . . WATER COOLED REACTORS
 - HEAVY WATER REACTORS
 - HEAVY WATER COMPONENTS TEST REACTORS
 - PLUTONIUM RECYCLE TEST REACTOR
 - ZERO POWER REACTOR 2
- RT LIGHT WATER BREEDER REACTORS

HEF (HIGH ENERGY FUELS)

- USE HIGH ENERGY FUELS

HEIGHT

- GS DIMENSIONS
 - . HEIGHT
 - . . . SCALE HEIGHT
- RT ALTITUDE
 - DEPTH
 - DISTANCE
 - GEOPOTENTIAL
 - ∞ LEVEL
 - SLOPES

HEINKEL AIRCRAFT

- RT ∞ AIRCRAFT

HEISENBERG THEORY

- GS ATOMIC THEORY
 - . HEISENBERG THEORY
- RT ATOMIC EXCITATIONS
 - DYSON THEORY
 - ENERGY TRANSFER
 - ∞ THEORIES

HELICAL ANTENNAS

- GS ANTENNAS
 - . DIRECTIONAL ANTENNAS
 - . . . HELICAL ANTENNAS
- RT ANTENNA DESIGN

HELICAL ANTENNAS--(cont.)

- ∞ HELICES
- MICROWAVE ANTENNAS

HELICAL FLOW

- GS FLUID FLOW
 - . HELICAL FLOW
- RT AXISYMMETRIC FLOW
 - FLOW GEOMETRY
 - ∞ HELICES
 - MAGNETOHYDRODYNAMIC STABILITY
 - THREE DIMENSIONAL FLOW

HELICAL INDUCERS

- GS INTAKE SYSTEMS
 - . HELICAL INDUCERS
- RT FIELD COILS
 - ∞ HELICES
 - PLASMA CONTROL

HELICAL WINDINGS

- GS WINDING
 - . HELICAL WINDINGS
- RT ∞ HELICES
 - MAGNETIC FIELD CONFIGURATIONS
 - PLASMA CONTROL
 - STELLARATORS

∞ HELICES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CURVES (GEOMETRY)
 - HELICAL ANTENNAS
 - HELICAL FLOW
 - HELICAL INDUCERS
 - HELICAL WINDINGS
 - ∞ SPIRALS

HELICOPTER ATTITUDE INDICATORS

- USE ATTITUDE INDICATORS
- HELICOPTERS

HELICOPTER CONTROL

- GS AIRCRAFT CONTROL
 - . HELICOPTER CONTROL
- RT AIRBORNE RADAR APPROACH
 - ATTITUDE CONTROL
 - AUTOMATIC CONTROL
 - ∞ CONTROL
 - CONTROLLABILITY
 - DIRECTIONAL CONTROL
 - FLIGHT CONTROL
 - HARMONIC CONTROL
 - HELICOPTERS
 - LATERAL CONTROL
 - LONGITUDINAL CONTROL
 - MANUAL CONTROL
 - SPEED CONTROL
 - TAIL ROTORS

HELICOPTER DESIGN

- GS AIRCRAFT DESIGN
 - . HELICOPTER DESIGN
- RT COMPOUND HELICOPTERS
 - COMPUTER AIDED DESIGN
 - ∞ DESIGN
 - ENGINE DESIGN
 - HEAVY LIFT HELICOPTERS
 - HELICOPTERS
 - PRODUCT DEVELOPMENT
 - ROTOR BODY INTERACTIONS
 - STREAMLINING
 - STRUCTURAL DESIGN
 - UH-60A HELICOPTER
 - UH-61A HELICOPTER
 - WHIRL TOWERS

HELICOPTER ENGINES

- GS AIRCRAFT ENGINES
 - . HELICOPTER ENGINES
 - ENGINES
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . HELICOPTER ENGINES
- RT CONVERTIBLE FAN-SHAFT ENGINES
 - HELICOPTERS
 - JET ENGINES
 - T-53 ENGINE
 - T-55 ENGINE
 - T-58 ENGINE
 - T-58-GE-8B ENGINE
 - T-63 ENGINE
 - T-64 ENGINE
 - T-74 ENGINE
 - T-76 ENGINE

HELICOPTER IMPULSIVE NOISE

- USE BLADE SLAP NOISE

HELICOPTER PERFORMANCE

- GS AIRCRAFT PERFORMANCE
 - . HELICOPTER PERFORMANCE
- RT AERODYNAMIC STABILITY
 - AIRCRAFT RELIABILITY
 - CONTROLLABILITY
 - FLIGHT CHARACTERISTICS
 - FLIGHT ENVELOPES
 - HELICOPTERS
 - MANEUVERABILITY

HELICOPTER PROPELLER DRIVE

- GS MECHANICAL DRIVES
 - . PROPELLER DRIVE
 - . . . HELICOPTER PROPELLER DRIVE
- RT HELICOPTERS
 - JET PROPULSION
 - ROTARY WINGS
 - TILTED PROPELLERS
 - VARIABLE PITCH PROPELLERS

HELICOPTER ROTORS

- USE ROTARY WINGS

HELICOPTER TAIL ROTORS

- GS ROTATING BODIES
 - . ROTORS
 - . . . TAIL ROTORS
 - HELICOPTER TAIL ROTORS
- RT HELICOPTERS
 - ROTARY WINGS
 - ∞ ROTOR BLADES

HELICOPTER WAKES

- GS WAKES
 - . AIRCRAFT WAKES
 - . . . HELICOPTER WAKES
- RT DOWNWASH
 - HELICOPTERS

HELICOPTERS

- UF DRONE HELICOPTERS
 - GYROPLANES
 - HELICOPTER ATTITUDE INDICATORS
- GS V/STOL AIRCRAFT
 - . ROTARY WING AIRCRAFT
 - . . . HELICOPTERS
 - ALOUETTE HELICOPTERS
 - SA-330 HELICOPTER
 - SE-3160 HELICOPTER
 - COMPOUND HELICOPTERS
 - H-17 HELICOPTER
 - LIGHT HELICOPTERS
 - OH-4 HELICOPTER
 - OH-5 HELICOPTER
 - OH-6 HELICOPTER
 - OH-58 HELICOPTER
 - MILITARY HELICOPTERS
 - AH-1G HELICOPTER
 - AH-64 HELICOPTER
 - BELL 214A HELICOPTER
 - BO-105 HELICOPTER
 - CH-3 HELICOPTER
 - CH-21 HELICOPTER
 - CH-34 HELICOPTER
 - CH-46 HELICOPTER
 - CH-47 HELICOPTER
 - CH-54 HELICOPTER
 - H-19 HELICOPTER
 - H-43 HELICOPTER
 - H-53 HELICOPTER
 - H-54 HELICOPTER
 - H-56 HELICOPTER
 - H-60 HELICOPTER
 - HC-3 HELICOPTER
 - HEAVY LIFT HELICOPTERS
 - CH-62 HELICOPTER
 - HH-43 HELICOPTER
 - OH-4 HELICOPTER
 - OH-5 HELICOPTER
 - OH-6 HELICOPTER
 - OH-13 HELICOPTER
 - OH-23 HELICOPTER
 - OH-58 HELICOPTER
 - P-531 HELICOPTER
 - QH-50 HELICOPTER
 - S-58 HELICOPTER
 - S-61 HELICOPTER
 - SA-321 HELICOPTER
 - SA-330 HELICOPTER
 - SH-3 HELICOPTER
 - SH-4 HELICOPTER

HELICOPTERS--(cont.)

... SIKORSKY WHIRLWIND
 ... HELICOPTER
 ... UH-1 HELICOPTER
 ... UH-2 HELICOPTER
 ... UH-34 HELICOPTER
 ... UH-60A HELICOPTER
 ... UH-61A HELICOPTER
 ... WESTLAND WHIRLWIND
 ... HELICOPTER
 ... XV-9A AIRCRAFT
 ... RIGID ROTOR HELICOPTERS
 ... CH-3 HELICOPTER
 ... F-28 HELICOPTER
 ... XH-51 HELICOPTER
 ... TANDEM ROTOR HELICOPTERS
 ... CH-46 HELICOPTER
 ... CH-47 HELICOPTER
 ... H-25 HELICOPTER
 ... TH-55 HELICOPTER
 RT AIRBORNE RADAR APPROACH
 ∞ AIRCRAFT
 AIRCRAFT SURVIVABILITY
 BLADE SLAP NOISE
 BLADE-VORTEX INTERACTION
 GENERAL AVIATION AIRCRAFT
 GROUND RESONANCE
 HELICOPTER CONTROL
 HELICOPTER DESIGN
 HELICOPTER ENGINES
 HELICOPTER PERFORMANCE
 HELICOPTER PROPELLER DRIVE
 HELICOPTER TAIL ROTORS
 HELICOPTER WAKES
 HELIPOINTS
 ∞ MILITARY AIRCRAFT
 NAP-OF-THE-EARTH NAVIGATION
 RECOVERY VEHICLES
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 ROTORCRAFT AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TILT ROTOR AIRCRAFT
 TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM
 UTILITY AIRCRAFT
 V-22 AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 WESER AIRCRAFT
 WESTLAND AIRCRAFT
 XV-15 AIRCRAFT

HELIO AIRCRAFT

UF HELIO MILITARY AIRCRAFT
 GS **HELIO AIRCRAFT**
 ... U-10 AIRCRAFT
 RT ∞ AIRCRAFT

HELIO MILITARY AIRCRAFT

USE HELIO AIRCRAFT

HELIOCENTRIC ORBITS

USE SOLAR ORBITS

HELIOGRAPHS

USE SPECTROHELIOGRAPHS

HELIOGRAPHY

USE SPECTROHELIOGRAPHS

HELIOMAGNETISM

USE SOLAR MAGNETIC FIELD

HELIOMETERS

UF HELIOMETRY
 GS MEASURING INSTRUMENTS
 ... **HELIOMETERS**
 ... PYROHELIOMETERS
 OPTICAL EQUIPMENT
 ... **HELIOMETERS**
 ... PYROHELIOMETERS
 TELESCOPES
 ... **HELIOMETERS**
 ... PYROHELIOMETERS

HELIOMETRY

USE HELIOMETERS
 PYROHELIOMETERS

HELIOS A

GS ARTIFICIAL SATELLITES
 ... HELIOS SATELLITES
 ... **HELIOS A**
 UNMANNED SPACECRAFT

HELIOS A--(cont.)

... SPACE PROBES
 ... SOLAR PROBES
 ... **HELIOS A**

HELIOS B

GS ARTIFICIAL SATELLITES
 ... HELIOS SATELLITES
 ... **HELIOS B**
 UNMANNED SPACECRAFT
 ... SPACE PROBES
 ... SOLAR PROBES
 ... **HELIOS B**

HELIOS PROJECT

GS PROGRAMS
 ... NASA PROGRAMS
 ... NASA SPACE PROGRAMS
 ... **HELIOS PROJECT**
 PROJECTS
 ... **HELIOS PROJECT**
 ... SPACE PROGRAMS
 ... NASA SPACE PROGRAMS
 ... **HELIOS PROJECT**
 RT CHARGED PARTICLES
 HIGH TEMPERATURE PLASMAS
 SOLAR PROBES
 ZODIACAL LIGHT

HELIOS SATELLITES

GS ARTIFICIAL SATELLITES
 ... **HELIOS SATELLITES**
 ... HELIOS A
 ... HELIOS B
 ... HELIOS 1
 ... HELIOS 2
 RT MAGNETIC FIELDS
 PARTICLE FLUX DENSITY
 SOLAR FLUX DENSITY

HELIOS 1

GS ARTIFICIAL SATELLITES
 ... HELIOS SATELLITES
 ... **HELIOS 1**
 UNMANNED SPACECRAFT
 ... SPACE PROBES
 ... SOLAR PROBES
 ... **HELIOS 1**

HELIOS 2

GS ARTIFICIAL SATELLITES
 ... HELIOS SATELLITES
 ... **HELIOS 2**
 UNMANNED SPACECRAFT
 ... SPACE PROBES
 ... SOLAR PROBES
 ... **HELIOS 2**

HELIOSEISMOLOGY

UF SOLAR DYNAMICS
 SOLAR SEISMOLOGY
 GS SEISMOLOGY
 ... **HELIOSEISMOLOGY**
 RT ASTROPHYSICS
 ∞ SCIENCE
 SOLAR INTERIOR
 SOLAR PHYSICS

HELIOSPHERE

RT COSMIC RAYS
 INTERPLANETARY SPACE
 INTERSTELLAR GAS
 SOHO MISSION
 SOLAR ACTIVITY EFFECTS
 SOLAR WIND

HELIOSTATS

RT ∞ INSTRUMENTS
 MIRRORS
 REFLECTORS
 SERVOMOTORS
 SOLAR REFLECTORS
 SYNCHRONIZERS

HELIOTRONS

GS NUCLEAR REACTORS
 ... FUSION REACTORS
 ... **HELIOTRONS**
 RT PLASMA CONTROL
 STELLARATORS

HELIPOINTS

GS AIRPORTS
 ... **HELIPOINTS**

HELIPOINTS--(cont.)

RT AIR TRAFFIC CONTROL
 AIRPORT PLANNING
 AIRPORT TOWERS
 HANGARS
 HELICOPTERS
 LANDING AIDS
 LANDING SITES
 MILITARY AIR FACILITIES
 NAVIGATION AIDS
 SOLAR COMPASSES
 V/STOL AIRCRAFT

HELITRONS

GS ELECTRON TUBES
 ... VACUUM TUBES
 ... MICROWAVE TUBES
 ... TRAVELING WAVE TUBES
 ... BACKWARD WAVE TUBES
 ... **HELITRONS**
 MICROWAVE EQUIPMENT
 ... MICROWAVE TUBES
 ... TRAVELING WAVE TUBES
 ... BACKWARD WAVE TUBES
 ... **HELITRONS**
 RT CARCINOTRONS

HELIUM

GS CHEMICAL ELEMENTS
 ... RARE GASES
 ... **HELIUM**
 ... HELIUM ISOTOPES
 ... LIQUID HELIUM
 ... LIQUID HELIUM 2
 GASES
 ... RARE GASES
 ... **HELIUM**
 ... HELIUM ISOTOPES
 ... LIQUID HELIUM
 ... LIQUID HELIUM 2
 RT ALPHA PARTICLES
 HELIUM AFTERGLOW
 HELIUM ATOMS
 HELIUM FILM
 HELIUM IONS
 WOLF-RAYET STARS

HELIUM AFTERGLOW

GS AFTERGLOWS
 ... **HELIUM AFTERGLOW**
 RT GAS IONIZATION
 PLASMA DECAY

HELIUM ATOMS

GS ATOMS
 ... **HELIUM ATOMS**
 RT HELIUM

HELIUM COMPOUNDS

RT ∞ RARE GAS COMPOUNDS

HELIUM FILM

RT ∞ FILMS
 HELIUM

HELIUM HYDROGEN ATMOSPHERES

GS ENVIRONMENTS
 ... EXTRATERRESTRIAL ENVIRONMENTS
 ... PLANETARY ENVIRONMENTS
 ... PLANETARY ATMOSPHERES
 ... **HELIUM HYDROGEN**
 ... **ATMOSPHERES**

HELIUM IONS

GS IONS
 ... **HELIUM IONS**
 RT ALPHA PARTICLES
 HELIUM

HELIUM ISOTOPES

UF HELIUM 2
 HELIUM 3
 HELIUM 4
 GS CHEMICAL ELEMENTS
 ... NUCLIDES
 ... ISOTOPES
 ... **HELIUM ISOTOPES**
 ... RARE GASES
 ... HELIUM
 ... **HELIUM ISOTOPES**
 GASES
 ... RARE GASES
 ... HELIUM
 ... **HELIUM ISOTOPES**

HELIUM PLASMA

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 **HELIUM PLASMA**
 RT ARGON PLASMA
 ELECTRON PLASMA
 HYDROGEN PLASMA
 OXYGEN PLASMA

HELIUM STARS

USE B STARS

HELIUM 2

USE HELIUM ISOTOPES
 LIQUID HELIUM

HELIUM 3

USE HELIUM ISOTOPES

HELIUM 4

USE HELIUM ISOTOPES

HELIUM-NEON LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **HELIUM-NEON LASERS**
 RT LASER MODES
 LASER OUTPUTS

HELIUM-OXYGEN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
 . **HELIUM-OXYGEN ATMOSPHERES**
 RT AEROSPACE ENVIRONMENTS
 . . ATMOSPHERES
 . . . BREATHING
 GAS MIXTURES
 PORTABLE LIFE SUPPORT SYSTEMS
 UNDERWATER BREATHING APPARATUS

HELIX TUBES

USE TRAVELING WAVE TUBES

HELLMANN-FEYNMAN THEOREM

GS THEOREMS
 . **HELLMANN-FEYNMAN THEOREM**

HELMET MOUNTED DISPLAYS

UF HMD (DISPLAYS)
 GS DISPLAY DEVICES
 . **HELMET MOUNTED DISPLAYS**
 RT CREW WORKSTATIONS
 . . DETECTORS
 . . . IMAGES
 INDICATING INSTRUMENTS
 INSTRUMENTS
 MONITORS
 PERSONNEL

HELMETS

GS CLOTHING
 . PROTECTIVE CLOTHING
 . . **HELMETS**
 . . . SAFETY DEVICES
 **HELMETS**
 RT ARMOR
 FLIGHT CLOTHING
 GOGGLES
 PRESSURE SUITS

HELMHOLTZ EQUATIONS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT . . EQUATIONS
 . . . HELMHOLTZ VORTICITY EQUATION
 KELVIN-HELMHOLTZ INSTABILITY
 TIME DEPENDENCE
 WAVE EQUATIONS

HELMHOLTZ RESONATORS

GS RESONATORS
 . **HELMHOLTZ RESONATORS**
 RT CAVITY RESONATORS
 NOISE REDUCTION

HELMHOLTZ VORTICITY EQUATION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS

HELMHOLTZ VORTICITY EQUATION--(cont.)

. . . . **HELMHOLTZ VORTICITY EQUATION**
 VORTICITY EQUATIONS
 **HELMHOLTZ VORTICITY EQUATION**
 EQUATIONS OF MOTION
 KINETIC EQUATIONS
 HYDRODYNAMIC EQUATIONS
 **HELMHOLTZ VORTICITY EQUATION**
 FLOW EQUATIONS
 VORTICITY EQUATIONS
 **HELMHOLTZ VORTICITY EQUATION**
 RT . . EQUATIONS
 . . . HELMHOLTZ EQUATIONS
 VORTICITY

HELOS (SATELLITE)

USE EXOSAT SATELLITE

HEMATITE

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . IRON OXIDES
 **HEMATITE**
 IRON COMPOUNDS
 IRON OXIDES
 **HEMATITE**
 MINERALS
 IRON ORES
 **HEMATITE**

HEMATOCRIT

RT BLOOD
 BLOOD CIRCULATION
 BLOOD FLOW
 BLOOD PLASMA
 BLOOD VOLUME
 ERYTHROCYTES
 HEMATOLOGY
 HEMOGLOBIN

HEMATOCRIT RATIO

RT ANEMIAS
 ERYTHROCYTES
 HEMATOLOGY

HEMATOLOGY

RT CARBOXYHEMOGLOBIN TEST
 HEMATOCRIT
 HEMATOCRIT RATIO
 RETICULOCYTES

HEMATOPOIESIS

GS CYTOGENESIS
 . **HEMATOPOIESIS**
 RT BLOOD
 BLOOD CELLS
 BONE MARROW
 CARDIOVASCULAR SYSTEM
 CELLS (BIOLOGY)
 PHYSIOLOGICAL EFFECTS
 RADIATION EFFECTS

HEMATOPOIETIC SYSTEM

RT BLOOD CELLS
 BLOOD VOLUME
 BONE MARROW
 CARDIOVASCULAR SYSTEM
 PHYSIOLOGICAL EFFECTS
 . . SYSTEMS

HEMATURIA

GS SIGNS AND SYMPTOMS
 . **HEMATURIA**
 RT URINE

HEMISPHERE CYLINDER BODIES

RT . . CYLINDERS
 . . . CYLINDRICAL BODIES
 HEMISPHERICAL SHELLS
 PRESSURE VESSELS

HEMISPHERES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AERODYNAMIC CONFIGURATIONS
 BODIES OF REVOLUTION
 EASTERN HEMISPHERE
 HEMISPHERICAL SHELLS
 NORTHERN HEMISPHERE
 SOUTHERN HEMISPHERE

HEMISPHERES--(cont.)

SPHERES

HEMISPHERICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . **HEMISPHERICAL SHELLS**
 RT BODIES OF REVOLUTION
 CIRCULAR SHELLS
 DOMES (STRUCTURAL FORMS)
 HEMISPHERE CYLINDER BODIES
 . . HEMISPHERES
 . . . METAL SHELLS
 REINFORCED SHELLS
 SPHERES
 SPHERICAL SHELLS

HEMOCYTES

GS CELLS (BIOLOGY)
 . BLOOD CELLS
 . . **HEMOCYTES**
 RT INVERTEBRATES

HEMODYNAMIC RESPONSES

GS PHYSIOLOGICAL EFFECTS
 . PHYSIOLOGICAL RESPONSES
 . . **HEMODYNAMIC RESPONSES**
 . . . RESPONSES
 PHYSIOLOGICAL RESPONSES
 **HEMODYNAMIC RESPONSES**
 RT BLOOD CIRCULATION
 BLOOD PRESSURE
 HEAD DOWN TILT

HEMODYNAMICS

GS **HEMODYNAMICS**
 . LOWER BODY NEGATIVE PRESSURE
 RT BLOOD CIRCULATION
 BLOOD VOLUME
 CARDIOVASCULAR SYSTEM
 . . DYNAMICS
 . . . HEART FUNCTION
 HEMOPERFUSION
 PHYSIOLOGY

HEMOGLOBIN

GS BIOPOLYMERS
 . PROTEINS
 . . **HEMOGLOBIN**
 . . . CARBOXYHEMOGLOBIN
 OXYHEMOGLOBIN
 ORGANIC COMPOUNDS
 PROTEINS
 **HEMOGLOBIN**
 CARBOXYHEMOGLOBIN
 OXYHEMOGLOBIN
 ORGANOMETALLIC COMPOUNDS
 **HEMOGLOBIN**
 CARBOXYHEMOGLOBIN
 OXYHEMOGLOBIN
 RT ANEMIAS
 BLOOD
 BLOOD CELLS
 CELLS (BIOLOGY)
 ERYTHROCYTES
 HEMATOCRIT
 HEMOLYSIS
 POLYCYTHEMIA
 PORPHINES
 PORPHYRINS
 RETICULOCYTES

HEMOLYSIS

RT COMPLEMENT (BIOLOGY)
 ERYTHROCYTES
 HEMOGLOBIN
 POLYCYTHEMIA
 RETICULOCYTES

HEMOPERFUSION

RT ACTIVATED CARBON
 ADSORBENTS
 BLOOD FLOW
 BLOOD PRESSURE
 HEMODYNAMICS
 TOXICOLOGY

HEMORRHAGES

GS **HEMORRHAGES**
 . PETECHIA
 RT . . BLEEDING
 . . . BLOOD
 CARDIOVASCULAR SYSTEM
 COAGULATION
 HEMOSTATICS
 HYPOTENSION

HEMORRHAGES--(cont.)

INJURIES
PATHOLOGY
POLYCYTHEMIA
RETICULOCYTES

HEMOSTASIS

USE HEMOSTATICS

HEMOSTATICS

UF HEMOSTASIS
GS DRUGS
RT **HEMOSTATICS**
BLOOD COAGULATION
FIBRINOGEN
GIBBERELLINS
HEMORRHAGES
THROMBIN
THROMBOPLASTIN

HEMT (ELECTRONICS)

USE HIGH ELECTRON MOBILITY
TRANSISTORS

HENRY LAW

RT COMPOSITION (PROPERTY)
PARTIAL PRESSURE
RAOULT LAW
SOLUBILITY
SOLUTIONS
VAPOR PRESSURE

HEOS A SATELLITE

GS ARTIFICIAL SATELLITES
ESA SATELLITES
HEOS SATELLITES
HEOS A SATELLITE
ESA SPACECRAFT
ESA SATELLITES
HEOS SATELLITES
HEOS A SATELLITE

HEOS B SATELLITE

GS ARTIFICIAL SATELLITES
ESA SATELLITES
HEOS SATELLITES
HEOS B SATELLITE
ESA SPACECRAFT
ESA SATELLITES
HEOS SATELLITES
HEOS B SATELLITE

HEOS SATELLITES

UF HIGHLY ECCENTRIC ORBIT SATELLITES
GS ARTIFICIAL SATELLITES
ESA SATELLITES
HEOS SATELLITES
HEOS A SATELLITE
HEOS B SATELLITE
ESA SPACECRAFT
ESA SATELLITES
HEOS SATELLITES
HEOS A SATELLITE
HEOS B SATELLITE
RT EUROPEAN SPACE PROGRAMS
SOLAR ORBITS

HEPARINS

RT ANTICOAGULANTS

HEPATITIS

GS DISEASES
INFECTIOUS DISEASES
HEPATITIS
RT ACQUIRED IMMUNODEFICIENCY
SYNDROME
ANATOMY
LIVER
VIRAL DISEASES

HEPTADIENE

GS ORGANIC COMPOUNDS
HYDROCARBONS
ALIPHATIC HYDROCARBONS
DIENES
HEPTADIENE

HEPTANES

GS ORGANIC COMPOUNDS
HYDROCARBONS
ALIPHATIC HYDROCARBONS
ALKANES
HEPTANES
RT HYDROCARBON FUELS

HERBICIDES

RT BRUSH (BOTANY)
DEFOLIANTS
FOLIAGE
FORESTS
LEAVES
PLANTS (BOTANY)
TOXICITY
TREES (PLANTS)

HERBIG-HARO OBJECTS

GS CELESTIAL BODIES
NEBULAE
RT **HERBIG-HARO OBJECTS**
B STARS
BODIES
INFRARED SOURCES (ASTRONOMY)
INFRARED STARS
STELLAR RADIATION
STELLAR SPECTRA
T TAURI STARS

HERCULES AIRCRAFT

USE C-130 AIRCRAFT

HERCULES ENGINE

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
HERCULES ENGINE
RT HONEST JOHN ROCKET VEHICLE
LITTLE JOHN ROCKET VEHICLE

HERCULES NOVA

GS CELESTIAL BODIES
STARS
VARIABLE STARS
NOVAE
HERCULES NOVA
RT DWARF NOVAE

HEREDITY

RT BREEDING (REPRODUCTION)
CONGENITAL ANOMALIES
CYTOGENESIS
EVOLUTION (DEVELOPMENT)

HERING-BREVER REFLEX

GS REFLEXES
RESPIRATORY REFLEXES
HERING-BREVER REFLEX
RT HEART RATE

HERMES MANNED SPACEPLANE

GS MANNED SPACECRAFT
SPACE SHUTTLES
HERMES MANNED SPACEPLANE
REENTRY VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLES
HERMES MANNED SPACEPLANE
RT FRENCH SPACE PROGRAM
SPACE TRANSPORTATION SYSTEM
SPACECRAFT DESIGN

HERMES SATELLITE

USE COMMUNICATIONS TECHNOLOGY
SATELLITE

HERMETIC SEALS

GS SEALS (STOPPERS)
HERMETIC SEALS
RT HEADERS
LABYRINTH SEALS
O RING SEALS
PUMP SEALS

HERMITIAN POLYNOMIAL

GS ALGEBRA
POLYNOMIALS
HERMITIAN POLYNOMIAL
RT JACOBI MATRIX METHOD
MATRICES (MATHEMATICS)
REAL VARIABLES
VECTOR SPACES

HERO REACTOR

GS NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST
REACTORS
HERO REACTOR

HERTZSPRUNG-RUSSELL DIAGRAM

UF HR DIAGRAM
GS DIAGRAMS
HERTZSPRUNG-RUSSELL DIAGRAM
RT ASYMPTOTIC GIANT BRANCH STARS
COLOR-COLOR DIAGRAM
COLOR-MAGNITUDE DIAGRAM
HORIZONTAL BRANCH STARS
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA

HERZBERG BANDS

GS SPECTRA
RADIATION SPECTRA
ABSORPTION SPECTRA
HERZBERG BANDS
SPECTRAL BANDS
ABSORPTION SPECTRA
HERZBERG BANDS
RT BANDS
OXYGEN SPECTRA
SCHUMANN-RUNGE BANDS
ULTRAVIOLET SPECTRA

HESSIAN MATRICES

GS ALGEBRA
VECTOR SPACES
MATRICES (MATHEMATICS)
HESSIAN MATRICES
RT ALGORITHMS
OPTIMIZATION

HET EXPERIMENT

UF HEALTH-EDUCATION
TELECOMMUNICATIONS EXP
GS TELECOMMUNICATION
HET EXPERIMENT
TELECONFERENCING
HET EXPERIMENT
RT ATS 6
COMMUNICATION SATELLITES
SATELLITE NETWORKS

HETEROCYCLIC COMPOUNDS

GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
ACRIFLAVINE
ADENOSINES
ADENOSINE DIPHOSPHATE
ADENOSINE TRIPHOSPHATE
CYCLIC AMP
ALKALOIDS
ATROPINE
BETAINES
CAFFEINE
COLCHICINE
ERGOTAMINE
HYOSCINE
LYSERGINE
MORPHINE
NICOTINAMIDE
NICOTINE
PILOCARPINE
RESERPINE
STRYCHNINE
TROPYL COMPOUNDS
ANISOLE
ASCORBIC ACID
AZINES
CYANURATES
CYANURIC ACID
MECLIZINE
METHYLENE BLUE
PHENOTHIAZINES
AZOLES
ACETAZOLAMIDE
OXAZOLE
PYRROLES
CARBAZOLES
INDOLES
TRYPTOPHAN
AZULENE
BIOFLAVONOIDS
BIOTIN
CARNITINE
CYANOCOBALAMIN
CYTIDYLIC ACID
DIMENHYDRINATE
ENDRIN
ETHYLENE OXIDE
FOLIC ACID
FURANS
TETRAHYDROFURAN

HETEROCYCLIC COMPOUNDS--(cont.)

. . . GUANETHIDINE
 . . . HMX
 . . . NICOTINIC ACID
 . . . PHTHALOCYANIN
 . . . PHYLLOQUINONE
 . . . PIPERIDINE
 . . . PROMETHAZINE
 . . . PURINES
 . . . ADENINES
 . . . XANTHINES
 . . . CAFFEINE
 . . . GUANINES
 . . . URIC ACID
 . . . PYRIDINES
 . . . PYRIDOXINE
 . . . PYRIMIDINES
 . . . ALLOXAN
 . . . THYMIDINE
 . . . THYMINE
 . . . URACIL
 . . . RDX
 . . . RETINENE
 . . . RIBOFLAVIN
 . . . TETRACYCLINES
 . . . TETRAZOLES
 . . . THIAMINE
 . . . THIAZINE (TRADEMARK)
 . . . TOCOPHEROL
 . . . TRIMETHADIONE
 RT ∞CHEMICAL COMPOUNDS

HETERODYNING

GS **HETERODYNING**
 . OPTICAL HETERODYNING
 RT AUTODYNES
 DEMODULATION
 INTERMEDIATE FREQUENCY AMPLIFIERS
 MIXING CIRCUITS
 SUPERHETERODYNE RECEIVERS

HETEROGENEITY

RT DEVIATION
 IMPURITIES
 INCLUSIONS
 INHOMOGENEITY
 RANGE (EXTREMES)
 SAMPLING
 STANDARD DEVIATION
 STATISTICAL TESTS
 VARIABILITY
 VARIANCE (STATISTICS)

HETEROJUNCTION DEVICES

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . **HETEROJUNCTION DEVICES**
 . . . HIGH ELECTRON MOBILITY
 . . . TRANSISTORS
 . . . MODFETS
 RT BAND STRUCTURE OF SOLIDS
 DISTRIBUTED FEEDBACK LASERS
 GALLIUM ARSENIDES
 HOMOJUNCTIONS
 ITO (SEMICONDUCTORS)
 JUNCTION DIODES
 MODULATION DOPING
 QUANTUM EFFICIENCY
 QUANTUM WELL LASERS
 QUANTUM WELLS
 SEMICONDUCTOR JUNCTIONS
 SOLAR ENERGY CONVERSION
 WAVEGUIDE LASERS

HETEROJUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . **HETEROJUNCTIONS**
 RT HOMOJUNCTIONS
 JUNCTION DIODES
 MODULATION DOPING
 QUANTUM WELLS
 SILICON JUNCTIONS
 SOLAR CELLS
 THIN FILMS
 TUNNEL JUNCTIONS

HETEROPHORIA

UF EXOPHORIA
 RT VISION

HETEROSPHERE

GS EARTH ATMOSPHERE
 . **HETEROSPHERE**
 ENVIRONMENTS

HETEROSPHERE--(cont.)

. **HETEROSPHERE**
 RT CHEMOSPHERE
 EARTH IONOSPHERE
 EARTH MAGNETOSPHERE
 EXOSPHERE
 LOWER ATMOSPHERE
 MIDDLE ATMOSPHERE
 THERMOSPHERE
 UPPER ATMOSPHERE

HETEROTROPHS

RT ANIMALS
 AUTOTROPHS
 METABOLISM
 PLANTS (BOTANY)

HEURISTIC METHODS

RT AUTOMATA THEORY
 COMPUTER PROGRAMMING
 ∞METHODODOGY
 SIMULATION

HEUS ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . **HEUS ROCKET ENGINES**
 RT ROCKET ENGINE CONTROL
 ROCKET VEHICLES

HEWLETT-PACKARD COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . DIGITAL COMPUTERS
 . . . **HEWLETT-PACKARD COMPUTERS**

HEXADIENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . ALIPHATIC HYDROCARBONS
 . . . DIENES
 . . . **HEXADIENE**

HEXAGONAL CELLS

RT ∞CELLS
 CRYSTAL LATTICES
 HONEYCOMB STRUCTURES

HEXAGONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . . POLYGONS
 . . . **HEXAGONS**

HEXAHEDRITE

GS MAGNESIUM COMPOUNDS
 . MAGNESIUM SULFATES
 . **HEXAHEDRITE**
 MINERALS
 . **HEXAHEDRITE**
 SULFUR COMPOUNDS
 . SULFATES
 . . MAGNESIUM SULFATES
 . . . **HEXAHEDRITE**

HEXAMETHONIUM

RT AMMONIUM COMPOUNDS
 ANTICONVULSANTS

HEXAMETHYLENETETRAMINE

GS AMINES
 . **HEXAMETHYLENETETRAMINE**

HEXANITROSTILBENE

UF HNST
 RT STILBENE

HEXENES

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . ALIPHATIC HYDROCARBONS
 . . . ALKENES
 . . . **HEXENES**
 RT CYCLOHEXANE
 HYDROCARBON FUELS

HEXOGENES (TRADEMARK)

GS ACIDS
 . CARBOXYLIC ACIDS
 . **HEXOGENES (TRADEMARK)**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **HEXOGENES (TRADEMARK)**

HEXOKINASE

GS BIOPOLYMERS
 . PROTEINS
 . . ENZYMES
 . . . **HEXOKINASE**
 ORGANIC COMPOUNDS
 . PROTEINS
 . . ENZYMES
 . . . **HEXOKINASE**

HEXOSES

GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . SUGARS
 . . . MONOSACCHARIDES
 . . . **HEXOSES**
 . . . GALACTOSE
 GLUCOSE

HEXYL COMPOUNDS

GS ALKYL COMPOUNDS
 . **HEXYL COMPOUNDS**
 RT ∞CHEMICAL COMPOUNDS

HF LASERS

UF HYDROGEN FLUORIDE LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **HF LASERS**
 RT CHEMICAL LASERS
 INFRARED LASERS
 TEA LASERS

HFB-320 AIRCRAFT

UF HAMBURGER HFB-320 AIRCRAFT
 GS HAMBURGER AIRCRAFT
 . **HFB-320 AIRCRAFT**
 JET AIRCRAFT
 . **HFB-320 AIRCRAFT**
 MONOPLANES
 . **HFB-320 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **HFB-320 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **HFB-320 AIRCRAFT**
 RT ∞AIRCRAFT

HFIR

USE HIGH FLUX ISOTOPE REACTORS

HFIR (REACTOR)

USE HIGH FLUX ISOTOPE REACTORS

HH-43 HELICOPTER

UF HH-43B HELICOPTER
 HUSKIE HELICOPTER
 GS KAMAN AIRCRAFT
 . **HH-43 HELICOPTER**
 UTILITY AIRCRAFT
 . **HH-43 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 . . . **HH-43 HELICOPTER**

HH-43B HELICOPTER

USE HH-43 HELICOPTER

HHX HELICOPTER

USE H-53 HELICOPTER

HIBERNATION

RT ADAPTATION
 THERMOREGULATION

HICAT (RADAR TECHNIQUE)

USE HIGH RESOLUTION COVERAGE
 ANTENNAS

HICAT PROJECT

USE HIGH RESOLUTION COVERAGE
 ANTENNAS

HIERARCHIES

GS CLASSIFICATIONS
 . **HIERARCHIES**
 . . BBGKY HIERARCHY
 . . . DICHOTOMIES

HIGH ACCELERATION

GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)

HIGH ACCELERATION--(cont.)

- . . . **HIGH ACCELERATION**
- RT ∞ ACCELERATION
- ACCELERATION STRESSES
- (PHYSIOLOGY)
- ACCELERATION TOLERANCE
- ELECTRON RUNAWAY (PLASMA PHYSICS)
- MECHANICAL SHOCK
- ∞ MOTION
- SHOCK RESISTANCE

HIGH ALT TARGET AND BACKGROUND MEASUREMENT

- UF HITAB PROGRAM
- RT ∞ MEASUREMENT
- TARGET ACQUISITION

HIGH ALTITUDE

- UF HIGH ALTITUDE FLIGHT
- GS ALTITUDE
- . . . **HIGH ALTITUDE**
- RT MIDALTITUDE
- SKYHOOK BALLOONS
- UPPER ATMOSPHERE

HIGH ALTITUDE BALLOONS

- GS EXPANDABLE STRUCTURES
- INFLATABLE STRUCTURES
- . . . BALLOONS
- **HIGH ALTITUDE BALLOONS**
- JIMSPHERE BALLOONS
- SKYHOOK BALLOONS
- SUPERPRESSURE BALLOONS
- RT BALLOON-BORNE INSTRUMENTS
- GAS BAGS
- METEOROLOGICAL BALLOONS
- ROBIN BALLOONS
- ROCKOONS

HIGH ALTITUDE BREATHING

- GS RESPIRATION
- . . . **HIGH ALTITUDE BREATHING**
- RT ALTITUDE TOLERANCE
- ∞ BREATHING
- EMERGENCY LIFE SUSTAINING SYSTEMS
- HYPOBARIC ATMOSPHERES
- OXYGEN MASKS

HIGH ALTITUDE ENVIRONMENTS

- GS ENVIRONMENTS
- . . . **HIGH ALTITUDE ENVIRONMENTS**
- RT ALTITUDE SIMULATION
- ALTITUDE TESTS
- ALTITUDE TOLERANCE
- ESCAPE CAPSULES
- HYPOBARIC ATMOSPHERES
- LOW PRESSURE
- LOW TEMPERATURE ENVIRONMENTS
- MOUNTAIN INHABITANTS
- THERMAL VACUUM TESTS
- TIMBERLINE
- VACUUM CHAMBERS

HIGH ALTITUDE FLIGHT

- USE FLIGHT
- HIGH ALTITUDE

HIGH ALTITUDE NUCLEAR DETECTION

- GS DETECTION
- . . . **HIGH ALTITUDE NUCLEAR DETECTION**
- RT SPACE SURVEILLANCE (SPACEBORNE)
- VELA SATELLITES

HIGH ALTITUDE PRESSURE

- GS PRESSURE
- . . . LOW PRESSURE
- . . . **HIGH ALTITUDE PRESSURE**
- RT ALTITUDE TOLERANCE
- ATMOSPHERIC PRESSURE
- HYPOBARIC ATMOSPHERES
- VACUUM CHAMBERS

HIGH ALTITUDE SOUNDING PROJECTILE

- USE WASP SOUNDING ROCKET

HIGH ALTITUDE TESTS

- GS ALTITUDE TESTS
- . . . **HIGH ALTITUDE TESTS**
- RT BACKGROUND RADIATION
- ENVIRONMENTAL TESTS
- FISHBOWL OPERATION
- FLIGHT TESTS

HIGH ALTITUDE TESTS--(cont.)

- FULL SCALE TESTS
- TEST VEHICLES
- ∞ TESTS
- VELA SATELLITES

HIGH ASPECT RATIO

- GS RATIOS
- . . . ASPECT RATIO
- . . . **HIGH ASPECT RATIO**

HIGH ASPECT RATIO WINGS

- USE SLENDER WINGS

HIGH CURRENT

- GS ELECTRIC CURRENT
- . . . **HIGH CURRENT**
- RT HIGH VOLTAGES
- PLASMA CURRENTS

HIGH DEFINITION TELEVISION

- UF HDTV
- GS TELEVISION SYSTEMS
- . . . **HIGH DEFINITION TELEVISION**
- RT COMMUNICATION EQUIPMENT
- DIGITAL TELEVISION
- HIGH RESOLUTION
- IMAGE RESOLUTION
- IMAGING TECHNIQUES
- TELEVISION TRANSMISSION
- VIDEO COMMUNICATION
- VIDEO DATA

HIGH DISPERSION SPECTROGRAPHS

- GS MEASURING INSTRUMENTS
- . . . SPECTROMETERS
- . . . ULTRAVIOLET SPECTROMETERS
- . . . **HIGH DISPERSION**
- SPECTROGRAPHS
- SPECTROGRAPHS
- . . . **HIGH DISPERSION SPECTROGRAPHS**

HIGH ECCENTRIC LUNAR OCCULTATION

- SATELLITE
- USE EXOSAT SATELLITE

HIGH ELECTRON MOBILITY TRANSISTORS

- UF HEMT (ELECTRONICS)
- GS ELECTRONIC EQUIPMENT
- . . . SOLID STATE DEVICES
- . . . SEMICONDUCTOR DEVICES
- . . . HETEROJUNCTION DEVICES
- **HIGH ELECTRON MOBILITY**
- TRANSISTORS
- MODFETS
- TRANSISTORS
- **HIGH ELECTRON MOBILITY**
- TRANSISTORS
- MODFETS
- RT ELECTRON MOBILITY
- FIELD EFFECT TRANSISTORS
- MODULATION DOPING

HIGH ENERGY ASTRONOMY OBSERVATORIES

- USE HEAO

HIGH ENERGY ASTRONOMY OBSERVATORY A

- USE HEAO 1

HIGH ENERGY ASTRONOMY OBSERVATORY B

- USE HEAO 2

HIGH ENERGY ASTRONOMY OBSERVATORY C

- USE HEAO 3

HIGH ENERGY ASTRONOMY OBSERVATORY 1

- USE HEAO 1

HIGH ENERGY ASTRONOMY OBSERVATORY 2

- USE HEAO 2

HIGH ENERGY ASTRONOMY OBSERVATORY 3

- USE HEAO 3

HIGH ENERGY ELECTRONS

- GS PARTICLES
- . . . CHARGED PARTICLES
- . . . ENERGETIC PARTICLES
- . . . ELECTRONS
- **HIGH ENERGY ELECTRONS**
- RT SCATHA SATELLITE

HIGH ENERGY FUELS

- SN (HEAT CONTENT GREATER THAN OR EQUAL TO APPROXIMATELY 25,000 BTU/LB)
- UF HEF (HIGH ENERGY FUELS)
- GS FUELS
- . . . CHEMICAL FUELS
- . . . **HIGH ENERGY FUELS**
- RT ADDITIVES
- BORON COMPOUNDS
- CATALYSTS
- CRYOGENIC ROCKET PROPELLANTS
- HYBRID PROPELLANTS
- HYDROCARBON FUELS

HIGH ENERGY INTERACTIONS

- GS PARTICLE INTERACTIONS
- . . . ELEMENTARY PARTICLE INTERACTIONS
- . . . **HIGH ENERGY INTERACTIONS**
- STRONG INTERACTIONS (FIELD THEORY)
- RT ANNIHILATION REACTIONS
- BEAM INTERACTIONS
- FISSION PRODUCTS
- ∞ INTERACTIONS
- NUCLEAR EXPLOSIONS
- NUCLEAR FISSION
- NUCLEAR FUSION
- NUCLEAR INTERACTIONS
- NUCLEAR RADIATION
- NUCLEAR REACTIONS
- NUCLEAR RESEARCH
- PAIR PRODUCTION
- PARTICLE PRODUCTION
- POMERANCHUK THEOREM
- THERMONUCLEAR REACTIONS
- VECTOR DOMINANCE MODEL

HIGH ENERGY OXIDIZERS

- GS OXIDIZERS
- . . . **HIGH ENERGY OXIDIZERS**
- RT ROCKET OXIDIZERS

HIGH ENERGY PROPELLANTS

- GS PROPELLANTS
- . . . **HIGH ENERGY PROPELLANTS**
- . . . DOMINO PROPELLANTS
- RT CRYOGENIC ROCKET PROPELLANTS
- GASEOUS ROCKET PROPELLANTS
- HYBRID PROPELLANTS
- LIQUID ROCKET PROPELLANTS

HIGH FIELD MAGNETS

- UF SUPERMAGNETS
- GS MAGNETS
- . . . ELECTROMAGNETS
- . . . **HIGH FIELD MAGNETS**
- RT SUPERCONDUCTING MAGNETS

HIGH FLUX BEAM REACTORS

- RT NUCLEAR REACTORS

HIGH FLUX ISOTOPE REACTORS

- UF HFIR
- HFIR (REACTOR)
- GS NUCLEAR REACTORS
- . . . **HIGH FLUX ISOTOPE REACTORS**
- RT NEUTRON FLUX DENSITY

HIGH FREQUENCIES

- GS FREQUENCIES
- . . . RADIO FREQUENCIES
- . . . **HIGH FREQUENCIES**
- RT DECAHETRIC WAVES
- INTERMEDIATE FREQUENCIES
- LOW FREQUENCY BANDS
- MAXIMUM USABLE FREQUENCY
- RING DISCHARGE
- SHORT WAVE RADIATION
- SHORT WAVE RADIO TRANSMISSION
- TOROIDAL DISCHARGE

HIGH GAIN

- RT AMPLIFICATION
- PILOT INDUCED OSCILLATION
- POWER GAIN
- TRANSFER FUNCTIONS

HIGH GRAVITY (ACCELERATION)

- USE HIGH GRAVITY ENVIRONMENTS

HIGH GRAVITY ENVIRONMENTS

- UF HIGH GRAVITY (ACCELERATION)

HIGH GRAVITY ENVIRONMENTS--(cont.)

- GS ENVIRONMENTS
 - . HIGH GRAVITY ENVIRONMENTS
 - . RATES (PER TIME)
 - . ACCELERATION (PHYSICS)
 - . . . HIGH GRAVITY ENVIRONMENTS
- RT ∞ ACCELERATION
 - . CENTRIFUGES
 - . EXTRATERRESTRIAL ENVIRONMENTS
 - . GRAVITATION
 - . HUMAN CENTRIFUGES
 - . MICROGRAVITY
 - . ROTATING ENVIRONMENTS

HIGH IMPULSE

- RT ∞ FORCE
 - . IMPULSES
 - . PROPULSION

HIGH INTENSITY LASERS

- USE HIGH POWER LASERS

HIGH LATITUDES

- USE POLAR REGIONS

HIGH LEVEL LANGUAGES

- UF HIGHER ORDER LANGUAGES
- GS LANGUAGES
 - . PROGRAMMING LANGUAGES
 - . . . HIGH LEVEL LANGUAGES
 - ADA (PROGRAMMING LANGUAGE)
 - C (PROGRAMMING LANGUAGE)
 - C++ (PROGRAMMING LANGUAGE)
- RT COMMUNICATION THEORY
 - . LANGUAGE PROGRAMMING
 - . SYMBOLS

HIGH MELTING COMPOUNDS

- USE REFRACTORY MATERIALS

HIGH PASS FILTERS

- RT BANDSTOP FILTERS
 - . ELECTRIC FILTERS
 - . ELECTROMAGNETIC WAVE FILTERS
- ∞ FILTERS
 - . MICROWAVE FILTERS
 - . OPTICAL FILTERS

HIGH POLYMERS

- RT ∞ POLYMERS

HIGH POWER LASERS

- UF HIGH INTENSITY LASERS
- GS STIMULATED EMISSION DEVICES
 - . LASERS
 - . . . HIGH POWER LASERS
 - NOVA LASER SYSTEM
 - SHIVA LASER SYSTEM
- RT GLASS LASERS
 - . LASER FUSION
 - . LASER OUTPUTS
 - . OPTICAL COMMUNICATION

HIGH PRESSURE

- GS PRESSURE
 - . HIGH PRESSURE
- RT ANTICYCLONES
 - . CRITICAL PRESSURE
 - . DEGENERATE MATTER
 - . HYPERBARIC CHAMBERS
 - . LOW PRESSURE
 - . SUPERCRITICAL PRESSURES
 - . TRANSITION PRESSURE
 - . VACUUM

HIGH PRESSURE OXYGEN

- GS GASES
 - . COMPRESSED GAS
 - . . . HIGH PRESSURE OXYGEN
- RT FIRE PREVENTION
 - . OXYGEN
 - . PRESSURE
 - . SPACECRAFT CABIN ATMOSPHERES

HIGH Q

- USE Q FACTORS

 ∞ HIGH RESISTANCE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CHEMICAL PROPERTIES
 - . ELECTRICAL RESISTANCE

HIGH RESISTANCE--(cont.)

- . FLOW RESISTANCE
- . MECHANICAL PROPERTIES
- ∞ PHYSICAL PROPERTIES
- ∞ RESISTANCE
 - . RUGGEDNESS
 - . THERMAL RESISTANCE

HIGH RESOLUTION

- GS RESOLUTION
 - . HIGH RESOLUTION
- RT ACCURACY
 - . ANGULAR RESOLUTION
 - . HIGH DEFINITION TELEVISION
 - . PRECISION
 - . SPATIAL RESOLUTION

HIGH RESOLUTION COVERAGE ANTENNAS

- UF HICAT (RADAR TECHNIQUE)
 - . HICAT PROJECT
- RT RADAR ANTENNAS
 - . RADAR RESOLUTION
 - . RESOLUTION

HIGH REYNOLDS NUMBER

- SN (RN ABOVE 3,000)
- GS RATIOS
 - . DIMENSIONLESS NUMBERS
 - . . . REYNOLDS NUMBER
 - HIGH REYNOLDS NUMBER
- RT LOW REYNOLDS NUMBER

HIGH SPEED

- UF HIGH SPEED FLIGHT
- GS RATES (PER TIME)
 - . HIGH SPEED
 - . VELOCITY
- RT HIGH SPEED
 - . AIRSPEED
 - . ESCAPE VELOCITY
 - . GROUND SPEED
 - . HYPERSONIC SPEED
 - . LANDING SPEED
 - . LIGHT SPEED
 - . RELATIVISTIC VELOCITY
 - . ROTOR SPEED
 - . SUPERSONIC SPEED

HIGH SPEED CAMERAS

- GS OPTICAL EQUIPMENT
 - . CAMERAS
 - . . . HIGH SPEED CAMERAS
 - FRAMING CAMERAS
 - PHOTOGRAPHIC EQUIPMENT
 - CAMERAS
 - HIGH SPEED CAMERAS
 - FRAMING CAMERAS
- RT BALLISTIC CAMERAS
 - . FRAME PHOTOGRAPHY
 - . HIGH SPEED PHOTOGRAPHY
 - . ROTATING MIRRORS
 - . STREAK PHOTOGRAPHY
 - . STROBOSCOPES

HIGH SPEED FLIGHT

- USE FLIGHT
 - . HIGH SPEED

HIGH SPEED PHOTOGRAPHY

- GS PHOTOGRAPHY
 - . HIGH SPEED PHOTOGRAPHY
- RT HIGH SPEED CAMERAS
 - . PHOTOGRAPHIC RECORDING

HIGH SPEED TRANSPORTATION

- USE RAPID TRANSIT SYSTEMS

HIGH STRENGTH

- GS MECHANICAL PROPERTIES
 - . HIGH STRENGTH
- RT COMPRESSIVE STRENGTH
 - . SHEAR STRENGTH
 - ∞ STRENGTH
 - . TENSILE STRENGTH
 - . TENSILE STRESS
 - . YIELD STRENGTH

HIGH STRENGTH ALLOYS

- GS ALLOYS
 - . HIGH STRENGTH ALLOYS
 - . . . ASTROLOY (TRADEMARK)
 - . . . HIGH STRENGTH STEELS
 - . . . MARAGING STEELS
- RT ALUMINUM-LITHIUM ALLOYS

HIGH STRENGTH ALLOYS--(cont.)

TENSILE PROPERTIES

HIGH STRENGTH STEELS

- UF LOW ALLOY STEELS
- GS ALLOYS
 - . HIGH STRENGTH ALLOYS
 - . . . HIGH STRENGTH STEELS
 - . . . MARAGING STEELS
 - . . . IRON ALLOYS
 - . . . STEELS
 - HIGH STRENGTH STEELS
 - MARAGING STEELS
- RT CARBON STEELS

HIGH TEMPERATURE

- GS TEMPERATURE
 - . HIGH TEMPERATURE
- RT SIALON
 - . TEMPERATURE MEASUREMENT

HIGH TEMPERATURE AIR

- UF HOT AIR
- GS GASES
 - . GAS MIXTURES
 - . . . AIR
 - HIGH TEMPERATURE AIR
 - HIGH TEMPERATURE GASES
 - HIGH TEMPERATURE AIR
 - HIGH TEMPERATURE FLUIDS
 - HIGH TEMPERATURE GASES
 - HIGH TEMPERATURE AIR
 - MIXTURES
 - SOLUTIONS
 - GAS MIXTURES
 - AIR
 - HIGH TEMPERATURE AIR

HIGH TEMPERATURE ALLOYS

- USE HEAT RESISTANT ALLOYS

HIGH TEMPERATURE ENVIRONMENTS

- GS ENVIRONMENTS
 - . HIGH TEMPERATURE ENVIRONMENTS
- RT DRY HEAT
 - . HEAT ACCLIMATIZATION
 - . LUNAR TEMPERATURE
 - . THERMAL ENVIRONMENTS
 - . THERMAL FATIGUE

HIGH TEMPERATURE FATIGUE

- USE THERMAL FATIGUE

HIGH TEMPERATURE FLUIDS

- GS HIGH TEMPERATURE FLUIDS
 - . HIGH TEMPERATURE GASES
 - . . . HIGH TEMPERATURE AIR
- RT ∞ FLUIDS
 - . HYDRAULIC FLUIDS
 - . PLASMAS (PHYSICS)
 - . WORKING FLUIDS

HIGH TEMPERATURE GAS COOLED REACTORS

- UF HTGR
- GS NUCLEAR REACTORS
 - . GAS COOLED REACTORS
 - . . . HIGH TEMPERATURE NUCLEAR REACTORS
 - HIGH TEMPERATURE GAS COOLED REACTORS
- RT NUCLEAR POWER REACTORS

HIGH TEMPERATURE GASES

- UF HOT GAS SYSTEMS
 - . HOT GASES
 - . HOT JET EXHAUST
- GS GASES
 - . HIGH TEMPERATURE GASES
 - . . . HIGH TEMPERATURE AIR
 - . . . HIGH TEMPERATURE FLUIDS
 - . . . HIGH TEMPERATURE GASES
 - . . . HIGH TEMPERATURE AIR
- RT COMBUSTION PRODUCTS
 - . EXHAUST EMISSION
 - . IONIZED GASES
 - . PNEUMATIC PROBES
 - . RAREFIED GASES
 - . SHOCK WAVE PROPAGATION

HIGH TEMPERATURE LUBRICANTS

- GS LUBRICANTS
 - . HIGH TEMPERATURE LUBRICANTS
- RT GAS BEARINGS
 - . GAS LUBRICANTS

HIGH TEMPERATURE LUBRICANTS--(cont.)
THERMAL RESISTANCE**HIGH TEMPERATURE MATERIALS**
USE REFRACTORY MATERIALS**HIGH TEMPERATURE NUCLEAR REACTORS**
UF LOS ALAMOS TURRET REACTOR
UHTREX (NUCLEAR REACTORS)
GS NUCLEAR REACTORS
. GAS COOLED REACTORS
. . . **HIGH TEMPERATURE NUCLEAR REACTORS**
. . . . HIGH TEMPERATURE GAS COOLED REACTORS
. NUCLEAR RESEARCH AND TEST REACTORS
. . . **HIGH TEMPERATURE NUCLEAR REACTORS**
RT NUCLEAR PROPULSION REACTOR DESIGN
REACTOR TECHNOLOGY
∞ REACTORS**HIGH TEMPERATURE PLASMAS**
UF HOT PLASMAS
GS PARTICLES
. CHARGED PARTICLES
. . . ENERGETIC PARTICLES
. . . . PLASMAS (PHYSICS)
. **HIGH TEMPERATURE PLASMAS**
RT BOLTZMANN-VLASOV EQUATION
COLLISIONAL PLASMAS
DENSE PLASMAS
ELECTRON PLASMA
HELIOS PROJECT
RELATIVISTIC PLASMAS
STRONGLY COUPLED PLASMAS
THERMAL PLASMAS**HIGH TEMPERATURE PROPELLANTS**
GS PROPELLANTS
. **HIGH TEMPERATURE PROPELLANTS**
RT ELECTROTHERMAL ENGINES
GELLED PROPELLANTS
GELLED ROCKET PROPELLANTS
ION PROPULSION
NUCLEAR PROPULSION
PLASMA ENGINES
SOLID PROPELLANTS
STORABLE PROPELLANTS**HIGH TEMPERATURE RESEARCH**
GS RESEARCH
. **HIGH TEMPERATURE RESEARCH**
RT PLASMA GENERATORS
REFRACTORY MATERIALS**HIGH TEMPERATURE SUPERCONDUCTORS**
UF HTSC (SUPERCONDUCTORS)
GS CONDUCTORS
. SUPERCONDUCTORS
. . . **HIGH TEMPERATURE SUPERCONDUCTORS**
. . . . BSCCO SUPERCONDUCTORS
. . . . YBCO SUPERCONDUCTORS
RT BARIUM OXIDES
CERAMICS
CRITICAL TEMPERATURE
CRYOGENIC GYROSCOPES
CRYOGENIC MAGNETS
CRYOGENICS
ELECTRICAL RESISTIVITY
JOSEPHSON JUNCTIONS
LIQUID NITROGEN
LOW TEMPERATURE PHYSICS
METAL OXIDES
MIXED OXIDES
OPERATING TEMPERATURE
SIS (SUPERCONDUCTORS)
STRONTIUM OXIDES
SUPERCONDUCTING MAGNETS
SUPERCONDUCTING POWER TRANSMISSION
SUPERCONDUCTIVITY
YTTRIUM OXIDES**HIGH TEMPERATURE TESTS**
UF HEAT TESTS
GS ENVIRONMENTAL TESTS
. **HIGH TEMPERATURE TESTS**
RT BOMB CALORIMETERS
CALORIMETERS
CHEMICAL TESTS
COLD STRENGTH**HIGH TEMPERATURE TESTS--(cont.)**
COLD WEATHER TESTS
CRYOSTATS
DROP CALORIMETERS
FLAME CALORIMETERS
HARDNESS TESTS
LUBRICANT TESTS
∞ MATERIALS TESTS
MELTING POINTS
NONDESTRUCTIVE TESTS
TEMPERATURE CONTROL
∞ TESTS
THERMAL EXPANSION
THERMAL RESISTANCE
THERMAL SHOCK
THERMAL STABILITY
THERMODYNAMIC PROPERTIES
TRANSPORT PROPERTIES**HIGH THRUST**
GS THRUST
. **HIGH THRUST**
RT JET THRUST
LOW THRUST
ROCKET THRUST
THRUST AUGMENTATION
VARIABLE THRUST**HIGH VACUUM**
GS PRESSURE
. VACUUM
. . . **HIGH VACUUM**
RT COLD WELDING
LOW VACUUM
MOLECULAR SHIELDS
RESIDUAL GAS
SPACE MANUFACTURING
ULTRAHIGH VACUUM
VACUUM APPARATUS
VACUUM TESTS**HIGH VACUUM ORBITAL SIMULATOR**
UF HIVOS (SIMULATOR)
GS SIMULATORS
. ENVIRONMENT SIMULATORS
. . . SPACE SIMULATORS
. . . . **HIGH VACUUM ORBITAL SIMULATOR**
RT SPACE ENVIRONMENT SIMULATION**HIGH VOLTAGES**
RT ELECTRIC CURRENT
ELECTRIC POTENTIAL
HIGH CURRENT**HIGHER ORDER LANGUAGES**
USE HIGH LEVEL LANGUAGES**HIGHLANDS**
RT COLORADO PLATEAU (US)
MESAS
MOUNTAINS
PLATEAUS
TOPOGRAPHY**HIGHLY ECCENTRIC ORBIT SATELLITES**
USE HEOS SATELLITES**HIGHLY MANEUVERABLE AIRCRAFT**
UF HIMAT
RT AIRBORNE/SPACEBORNE COMPUTERS
∞ AIRCRAFT
AIRCRAFT MANEUVERS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS
COMPUTERIZED SIMULATION
FIGHTER AIRCRAFT
FLIGHT CHARACTERISTICS
FLIGHT TESTS
REMOTELY PILOTED VEHICLES**HIGHWAYS**
GS ROADS
. **HIGHWAYS**
RT AIR BAG RESTRAINT DEVICES
BRIDGES (STRUCTURES)
CONSTRUCTION
CRASHES
INTERSECTIONS
PAVEMENTS
RAMPS (STRUCTURES)
RAPID TRANSIT SYSTEMS
REGIONAL PLANNING
STREETS**HIGHWAYS--(cont.)**
TRANSPORTATION
TRANSPORTATION NETWORKS
URBAN PLANNING**HIJACKING**
USE AIR PIRACY**HILBERT SPACE**
GS ALGEBRA
. VECTOR SPACES
. . . BANACH SPACE
. . . . **HILBERT SPACE**
. SOBOLEV SPACE
ANALYSIS (MATHEMATICS)
. FUNCTION SPACE
. . . BANACH SPACE
. . . . **HILBERT SPACE**
. SOBOLEV SPACE
. FUNCTIONAL ANALYSIS
. . . BANACH SPACE
. . . . **HILBERT SPACE**
. SOBOLEV SPACE**HILBERT TRANSFORMATION**
GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. . . INTEGRAL TRANSFORMATIONS
. . . . **HILBERT TRANSFORMATION**
TRANSFORMATIONS (MATHEMATICS)
. INTEGRAL TRANSFORMATIONS
. . . **HILBERT TRANSFORMATION****HILL CURVES**
USE HILL METHOD**HILL DETERMINANT**
GS ANALYSIS (MATHEMATICS)
. **HILL DETERMINANT**
RT DIFFERENTIAL EQUATIONS
EIGENVALUES
MATHIEU FUNCTION**HILL LUNAR THEORY**
RT EARTH ORBITS
ORBITAL MECHANICS
PERTURBATION THEORY
∞ THEORIES**HILL METHOD**
UF HILL CURVES
RT EARTH ORBITS
∞ METHODOLOGY
ORBITAL MECHANICS
PERTURBATION THEORY**HILLER AIRCRAFT**
UF HILLER MILITARY AIRCRAFT
GS **HILLER AIRCRAFT**
. OH-5 HELICOPTER
RT ∞ AIRCRAFT**HILLER MILITARY AIRCRAFT**
USE HILLER AIRCRAFT
MILITARY AIRCRAFT**HILSCH TUBES**
UF VORTEX TUBES
RT COAXIAL FLOW
COOLING
HEATING
∞ TUBES
VORTEX GENERATORS
VORTICES**HIMALAYAS**
GS LANDFORMS
. MOUNTAINS
. . . **HIMALAYAS**
RT ASIA
BHUTAN
INDIA
PAKISTAN
SIKKIM
TIBET**HIMAT**
USE HIGHLY MANEUVERABLE AIRCRAFT**HINDRANCE**
USE CONSTRAINTS**HINGE MOMENTS**
USE TORQUE

HINGED ROTOR BLADES

USE HINGES
ROTARY WINGS

HINGELESS ROTORS

USE RIGID ROTORS

HINGES

UF HINGED ROTOR BLADES
GS **HINGES**
FLAPPING HINGES
RT BEARINGLESS ROTORS
PIVOTS
SWIVELS

HIP (PROCESS)

USE HOT ISOSTATIC PRESSING

HIPPARCOS SATELLITE

GS ARTIFICIAL SATELLITES
ESA SATELLITES
HIPPARCHOS SATELLITE
ESA SPACECRAFT
ESA SATELLITES
HIPPARCHOS SATELLITE
RT ASTROMETRY
EUROPEAN SPACE PROGRAMS
SPACEBORNE ASTRONOMY
STELLAR MOTIONS
STELLAR PARALLAX

HIPPOCAMPUS

GS ANATOMY
NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
BRAIN
HIPPOCAMPUS

HIPPURIC ACID

GS ACIDS
AMINO ACIDS
HIPPURIC ACID
ORGANIC COMPOUNDS
AMINO ACIDS
HIPPURIC ACID

HIS BUNDLE

RT CARDIAC AURICLES
CARDIAC VENTRICLES
ELECTROPHYSIOLOGY
HEART DISEASES
HEART FUNCTION
NERVES

HISS

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
HISS

HISTAMINES

GS DRUGS
HISTAMINES
RT AMINES
ANTIHISTAMINICS
ITCHING

HISTIDINE

GS ACIDS
AMINO ACIDS
HISTIDINE
AMINES
HISTIDINE
ORGANIC COMPOUNDS
AMINO ACIDS
HISTIDINE

HISTOCHEMICAL ANALYSIS

RT BIOASSAY
BIOCHEMISTRY
CELLS (BIOLOGY)
ORGANIC CHEMISTRY
TISSUES (BIOLOGY)

HISTOGRAMS

RT DISCRETE FUNCTIONS
GRAPHS (CHARTS)
NORMAL DENSITY FUNCTIONS

HISTOLOGY

GS MEDICAL SCIENCE
HISTOLOGY

HISTOLOGY--(cont.)

RT EPITHELIUM
MORPHOLOGY
PLATELETS

HISTORIES

GS HISTORIES
CASE HISTORIES
RT DOCUMENTATION
MUSEUMS
PALEONTOLOGY
PEACETIME
RECORDS

HITAB PROGRAM

USE HIGH ALT TARGET AND BACKGROUND
MEASUREMENT

HIV (VIRUS)

USE HUMAN IMMUNODEFICIENCY VIRUS

HIVOS (SIMULATOR)

USE HIGH VACUUM ORBITAL SIMULATOR

HL-10 REENTRY VEHICLE

GS GLIDERS
HL-10 REENTRY VEHICLE
LIFTING BODIES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
REENTRY VEHICLES
MANEUVERABLE REENTRY BODIES
LIFTING REENTRY VEHICLES
HL-10 REENTRY VEHICLE
RT HYPERSONIC GLIDERS

HLD-35 REENTRY VEHICLE

GS LIFTING BODIES
LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
REENTRY VEHICLES
MANEUVERABLE REENTRY BODIES
LIFTING REENTRY VEHICLES
HLD-35 REENTRY VEHICLE
RT HYPERSONIC GLIDERS

HLLV

USE HEAVY LIFT LAUNCH VEHICLES

HMD (DISPLAYS)

USE HELMET MOUNTED DISPLAYS

HMX

UF CYCLOTETRAMETHYLENE
TETRANITRAMINE
TETRANITROTETRAZACYCLOCTANE
GS EXPLOSIVES
HMX
NITROGEN COMPOUNDS
AZO COMPOUNDS
HMX
ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
HMX
PROPELLANTS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS
HMX
PYROTECHNICS
HMX

HNPF (HALLAM NUCLEAR POWER FACILITY)

USE HALLAM NUCLEAR POWER FACILITY

HNST

USE HEXANITROSTILBENE

HO-4 HELICOPTER

USE OH-4 HELICOPTER

HO-5 HELICOPTER

USE OH-5 HELICOPTER

HO-6 HELICOPTER

USE OH-6 HELICOPTER

HODOGRAPHS

RT CHAPLYGIN EQUATION
KINEMATICS
VECTOR SPACES

HODOSCOPES

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
HODOSCOPES
RT RADIATION COUNTERS
SCINTILLATING FIBERS

HOGBACKS

USE RIDGES

HOHLRAUMS

RT BLACK BODY RADIATION
EMISSION

HOHMANN TRAJECTORIES

USE ELLIPTICAL ORBITS
TRANSFER ORBITS

HOHMANN TRANSFER ORBITS

USE ELLIPTICAL ORBITS
TRANSFER ORBITS

HOLDERS

GS HOLDERS
FLAME HOLDERS
RT ANCHORS (FASTENERS)
BANDS
BOLTS
BRACKETS
CLAMPS
CLIPS
FASTENERS
JIGS
LATCHES
LUGS
MECHANICAL DEVICES
NUTS (FASTENERS)
PINS
POSITIONING DEVICES (MACHINERY)
RIVETS
SCREWS
SPIKES
SPLINES
STRAPS
STUDS (STRUCTURAL MEMBERS)
ZIPPERS

∞ HOLDING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONSTRAINTS
DELAY
RETAINING
STOPPING

HOLE BURNING

RT COMPUTER STORAGE DEVICES
HOLOGRAPHY
LASER APPLICATIONS
LASERS
LASING
MEMORY (COMPUTERS)

∞ HOLE DISTRIBUTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CURRENT DISTRIBUTION
HOLE DISTRIBUTION (ELECTRONICS)
HOLE DISTRIBUTION (MECHANICS)

HOLE DISTRIBUTION (ELECTRONICS)

GS DISTRIBUTION (PROPERTY)
HOLE DISTRIBUTION (ELECTRONICS)
RT CHARGE DISTRIBUTION
CURRENT DISTRIBUTION
∞ HOLE DISTRIBUTION
HOLES (ELECTRON DEFICIENCIES)
SEMICONDUCTORS (MATERIALS)

HOLE DISTRIBUTION (MECHANICS)

GS DISTRIBUTION (PROPERTY)
HOLE DISTRIBUTION (MECHANICS)
RT CAVITIES
∞ HOLE DISTRIBUTION
HOLES (MECHANICS)
PERFORATED SHELLS
POROSITY
STRESS CONCENTRATION
VOID RATIO

HOLE GEOMETRY (MECHANICS)

RT FRACTURE MECHANICS

HOLE GEOMETRY (MECHANICS)---(cont.)

HOLES (MECHANICS)
 PERFORATED PLATES
 PERFORATED SHELLS
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS
 STRUCTURAL ANALYSIS

HOLE MOBILITY

GS ELECTRICAL PROPERTIES
 . CARRIER MOBILITY
 . **HOLE MOBILITY**
 MOBILITY
 . CARRIER MOBILITY
 . **HOLE MOBILITY**
 TRANSPORT PROPERTIES
 . CARRIER MOBILITY
 . **HOLE MOBILITY**
 RT ATOMIC MOBILITIES
 CHARGE CARRIERS
 ELECTROMIGRATION
 ELECTRON MOBILITY
 HOLES (ELECTRON DEFICIENCIES)
 ∞ SOLID STATE PHYSICS

∞ HOLES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BOREHOLES
 CAVITIES
 CORONAL HOLES
 GAPS
 HOLES (ELECTRON DEFICIENCIES)
 HOLES (MECHANICS)

HOLES (ELECTRON DEFICIENCIES)

UF ELECTRON HOLES
 GS CHARGE CARRIERS
 . **HOLES (ELECTRON DEFICIENCIES)**
 RT ACCEPTOR MATERIALS
 CRYSTAL DEFECTS
 DONOR MATERIALS
 ELECTRONS
 EXCITONS
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLE MOBILITY
 ∞ HOLES
 MAJORITY CARRIERS
 ∞ MATERIALS
 MINORITY CARRIERS
 ORDER-DISORDER TRANSFORMATIONS
 P-TYPE SEMICONDUCTORS
 SEMICONDUCTOR PLASMAS
 SEMICONDUCTORS (MATERIALS)
 SUHL EFFECT
 VACANCIES (CRYSTAL DEFECTS)

HOLES (MECHANICS)

RT CAVITIES
 HOLE DISTRIBUTION (MECHANICS)
 HOLE GEOMETRY (MECHANICS)
 ∞ HOLES
 PERFORATED PLATES
 PERFORATED SHELLS
 ∞ PERFORATION
 POROUS BOUNDARY LAYER CONTROL

HOLLAND

USE NETHERLANDS

∞ HOLLOW

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CAVITIES
 ∞ DEPRESSION
 RECESSES

HOLLOW CATHODES

GS ELECTRODES
 . CATHODES
 . **HOLLOW CATHODES**
 RT TUBE CATHODES
 TUNNEL CATHODES

HOLMIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . **HOLMIUM**
 . . . HOLMIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . **HOLMIUM**
 . . . HOLMIUM ISOTOPES

HOLMIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **HOLMIUM ISOTOPES**
 . RARE EARTH ELEMENTS
 . . HOLMIUM
 . . . **HOLMIUM ISOTOPES**
 METALS
 . RARE EARTH ELEMENTS
 . . HOLMIUM
 . . . **HOLMIUM ISOTOPES**

HOLOGRAMMETRY

RT HOLOGRAPHY
 IMAGING TECHNIQUES
 PHOTOGRAPHIC RECORDING
 PHOTOMAPPING
 SPECKLE HOLOGRAPHY
 TERRAIN ANALYSIS

HOLOGRAPHIC INTERFEROMETRY

GS INTERFEROMETRY
 . **HOLOGRAPHIC INTERFEROMETRY**
 RT COHERENT LIGHT
 DIFFRACTION PATTERNS
 HOLOGRAPHY
 LASER OUTPUTS
 MOIRE INTERFEROMETRY
 SCATTER PLATES (OPTICS)
 SPECKLE HOLOGRAPHY
 WAVE FRONT RECONSTRUCTION

HOLOGRAPHIC SPECTROSCOPY

GS SPECTROSCOPY
 . **HOLOGRAPHIC SPECTROSCOPY**
 RT FOURIER TRANSFORMATION
 HOLOGRAPHY
 SPECTRUM ANALYSIS
 WAVE FRONT RECONSTRUCTION

HOLOGRAPHIC SUBTRACTION

UF SELF SUBTRACTION HOLOGRAPHY
 RT HOLOGRAPHY

HOLOGRAPHY

GS IMAGERY
 . **HOLOGRAPHY**
 . . ACOUSTICAL HOLOGRAPHY
 . . MICROWAVE HOLOGRAPHY
 . . SPECKLE HOLOGRAPHY
 . . WHITE LIGHT HOLOGRAPHY
 PHOTOGRAPHY
 . **HOLOGRAPHY**
 . . ACOUSTICAL HOLOGRAPHY
 . . MICROWAVE HOLOGRAPHY
 . . SPECKLE HOLOGRAPHY
 . . WHITE LIGHT HOLOGRAPHY
 RT COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT LIGHT
 DATA STORAGE
 DIFFERENTIAL INTERFEROMETRY
 HOLE BURNING
 HOLOGRAMMETRY
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHIC SPECTROSCOPY
 HOLOGRAPHIC SUBTRACTION
 IMAGE CORRELATORS
 IMAGE RECONSTRUCTION
 KINOFORM
 LASERS
 OPTICAL MEMORY (DATA STORAGE)
 SCATTER PLATES (OPTICS)
 SPATIAL FILTERING
 SPECKLE PATTERNS
 WAVE FRONT RECONSTRUCTION

HOMOMORPHISM

USE ANALYTIC FUNCTIONS

HOMEOSTASIS

RT ACCLIMATIZATION
 ACID BASE EQUILIBRIUM
 ADAPTATION
 BODY TEMPERATURE
 COLD TOLERANCE
 COLLOIDS
 ∞ EQUILIBRIUM
 FIBRINOGEN
 HORMONES
 METABOLISM
 NERVOUS SYSTEM
 OSMOSIS
 PHYSIOLOGY

HOMEOSTASIS---(cont.)

RESPIRATORY SYSTEM
 SKIN (ANATOMY)
 STRESS (PHYSIOLOGY)
 THERMOREGULATION
 THROMBOPLASTIN
 WATER BALANCE

HOMEOTHERMS

UF WARM BLOODED ANIMALS
 GS ANIMALS
 . **HOMEOTHERMS**
 RT BIRDS
 BODY TEMPERATURE
 MAMMALS
 VERTEBRATES

HOMING

RT AUTOMATIC PILOTS
 BEACONS
 GUIDANCE (MOTION)
 MISSILE CONTROL
 RADIO DIRECTION FINDERS
 TERMINAL GUIDANCE

HOMING DEVICES

UF SEEKERS
 RT BEACONS
 GUIDANCE (MOTION)
 INFRARED TRACKING
 LASER GUIDANCE
 MISSILES
 NAVIGATION
 NAVIGATION AIDS
 RADIO BEACONS
 RADIO DIRECTION FINDERS
 RADIO NAVIGATION
 RENDEZVOUS GUIDANCE
 SOLAR COMPASSES
 TRAJECTORY CONTROL

HOMODYNE RECEPTION

RT FREQUENCY SYNCHRONIZATION
 RADIO RECEPTION
 SIGNAL RECEPTION

HOMOGENEITY

RT ANISOTROPIC MEDIA
 HOMOGENIZING
 SAMPLING
 STATISTICAL TESTS
 UNITY
 VARIANCE (STATISTICS)

HOMOGENEOUS TURBULENCE

GS TURBULENCE
 . **HOMOGENEOUS TURBULENCE**
 RT ATMOSPHERIC TURBULENCE
 FLUCTUATION THEORY
 ISOTROPIC TURBULENCE
 LOW LEVEL TURBULENCE
 MAGNETOHYDRODYNAMIC TURBULENCE

HOMOGENIZATION

USE HOMOGENIZING

HOMOGENIZING

UF HOMOGENIZATION
 GS MIXING
 . **HOMOGENIZING**
 RT AGITATION
 COLLOIDING
 COMPOUNDING
 DISPERSING
 DISSOLVING
 HOMOGENEITY
 PREMIXING
 ∞ SEPARATION
 SUSPENDING (MIXING)

HOMOJUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . **HOMOJUNCTIONS**
 RT HETEROJUNCTION DEVICES
 HETEROJUNCTIONS
 SILICON JUNCTIONS
 SOLAR CELLS

HOMOLOGY

UF COHOMOLOGY
 RT ANALOGIES
 DUALITY THEOREM
 MATCHING
 ∞ RELATIONSHIPS

HOMOLOGY--(cont.)
TOPOLOGY**HOMOMORPHISMS**

- GS ALGEBRA
 - . GROUP THEORY
 - . . . **HOMOMORPHISMS**
 - . . . AUTOMORPHISMS
 - . . . MONOIDS
 - . . . SUBGROUPS
- RT FIELD THEORY (ALGEBRA)
ISOMORPHISM

HOMOPOLAR GENERATORS

- GS ELECTRIC GENERATORS
 - . ROTATING GENERATORS
 - . . . **HOMOPOLAR GENERATORS**
- RT DIRECT CURRENT
 - ∞ ELECTRIC EQUIPMENT
 - ELECTROMECHANICAL DEVICES
 - ∞ GENERATORS

HOMOSPHERE

- GS EARTH ATMOSPHERE
 - . **HOMOSPHERE**
- RT BIOSPHERE
 - CHEMOSPHERE
 - EARTH IONOSPHERE
 - LOWER ATMOSPHERE
 - MESOSPHERE
 - MIDDLE ATMOSPHERE
 - OZONOSPHERE
 - STRATOSPHERE
 - THERMOSPHERE
 - TROPOSPHERE
 - UPPER ATMOSPHERE

HOMOTOPY THEORY

- GS GEOMETRY
 - . TOPOLOGY
 - . . . **HOMOTOPY THEORY**
- RT CURVES (GEOMETRY)
FIBERS (MATHEMATICS)
∞ THEORIES

HOMOTROPY

- RT ALGEBRA
PROBLEM SOLVING
SET THEORY
TOPOLOGY

HONDURAS

- GS NATIONS
 - . **HONDURAS**
- RT CENTRAL AMERICA

HONEST JOHN ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . SINGLE STAGE ROCKET VEHICLES
 - . . . **HONEST JOHN ROCKET VEHICLE**
 - . SURFACE TO SURFACE ROCKETS
 - . . . **HONEST JOHN ROCKET VEHICLE**
- RT ARGO ROCKET VEHICLES
EXOS SOUNDING ROCKET
HERCULES ENGINE
SOLID PROPELLANT ROCKET ENGINES
TRAILBLAZER 1 REENTRY VEHICLE

HONEYCOMB CORES

- GS CORES
 - . **HONEYCOMB CORES**
 - HONEYCOMB STRUCTURES
 - . **HONEYCOMB CORES**
- RT CERAMIC HONEYCOMBS
COMPOSITE STRUCTURES
LOW DENSITY MATERIALS
SANDWICH STRUCTURES

HONEYCOMB STRUCTURES

- GS **HONEYCOMB STRUCTURES**
 - . HONEYCOMB CORES
- RT ∞ CELLS
CERAMIC HONEYCOMBS
COMPOSITE STRUCTURES
HEXAGONAL CELLS
INSULATION
LAMINATES
LOW DENSITY MATERIALS
METAL FOILS
POROUS MATERIALS
SANDWICH STRUCTURES
∞ STRUCTURES

HONEYWELL ADEPT COMPUTER

- GS DATA PROCESSING EQUIPMENT
 - . COMPUTERS
 - . . . DIGITAL COMPUTERS
 - . . . HONEYWELL COMPUTERS
 - **HONEYWELL ADEPT COMPUTER**

HONEYWELL COMPUTERS

- GS DATA PROCESSING EQUIPMENT
 - . COMPUTERS
 - . . . DIGITAL COMPUTERS
 - . . . **HONEYWELL COMPUTERS**
 - DDP 516 COMPUTER
 - HONEYWELL ADEPT COMPUTER
 - HONEYWELL DDP 116 COMPUTER
 - HONEYWELL 600/6000 COMPUTER

HONEYWELL DDP 116 COMPUTER

- GS DATA PROCESSING EQUIPMENT
 - . COMPUTERS
 - . . . DIGITAL COMPUTERS
 - . . . HONEYWELL COMPUTERS
 - **HONEYWELL DDP 116 COMPUTER**

HONEYWELL 600/6000 COMPUTER

- GS DATA PROCESSING EQUIPMENT
 - . COMPUTERS
 - . . . ANALOG COMPUTERS
 - . . . **HONEYWELL 600/6000 COMPUTER**
 - . . . DIGITAL COMPUTERS
 - . . . HONEYWELL COMPUTERS
 - **HONEYWELL 600/6000 COMPUTER**

HONG KONG

- RT ASIA
CHINA
NATIONS
TAIWAN

HONING

- RT SCRAPERS
SMOOTHING

HOOKE'S LAW

- GS LAWS
 - . **HOOKE'S LAW**
- RT ELASTIC PROPERTIES
FIBER STRENGTH
MAXWELL BODIES
MODULUS OF ELASTICITY
SHEAR PROPERTIES
STRESS-STRAIN DIAGRAMS

HOOKS

- RT FASTENERS
FORKS
SWIVELS

HOOP COLUMN ANTENNAS

- GS ANTENNAS
 - . **HOOP COLUMN ANTENNAS**
- RT LARGE SPACE STRUCTURES
SATELLITE COMMUNICATION
SPACECRAFT COMMUNICATION

HOOPS

- RT RING STRUCTURES
TENSILE STRESS

HOPCALITE (TRADEMARK)

- GS CATALYSTS
 - . **HOPCALITE (TRADEMARK)**
- CHALCOGENIDES
 - . OXIDES
 - . . . METAL OXIDES
 - . . . MANGANESE OXIDES
 - **HOPCALITE (TRADEMARK)**
- MANGANESE COMPOUNDS
 - . MANGANESE OXIDES
 - . . . **HOPCALITE (TRADEMARK)**
- RT AIR PURIFICATION
CARBON MONOXIDE
GAS ANALYSIS

HOPPERS

- RT ∞ CONTAINERS
MATERIALS HANDLING
PACKAGING

HORIZON

- GS **HORIZON**
 - . RADIO HORIZONS
- RT CELESTIAL SPHERE
EVENT HORIZON

HORIZON--(cont.)

- GYRO HORIZONS
- RANGE (EXTREMES)

HORIZON SCANNERS

- UF HORIZON SENSING
INFRARED HORIZON SCANNERS
- GS FLIGHT INSTRUMENTS
 - . **HORIZON SCANNERS**
 - SCANNERS
 - . **HORIZON SCANNERS**
- RT ATTITUDE CONTROL
INFRARED SCANNERS
NAVIGATION INSTRUMENTS
OPTICAL EQUIPMENT
PHOTOMETERS
RADIO HORIZONS
RADIOMETERS
SCANNER PROJECT

HORIZON SENSING

- USE HORIZON SCANNERS

HORIZONTAL BRANCH STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . . **HORIZONTAL BRANCH STARS**
- RT COLOR-MAGNITUDE DIAGRAM
GIANT STARS
GLOBULAR CLUSTERS
HERTZSPRUNG-RUSSELL DIAGRAM
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY

HORIZONTAL DISTRIBUTION

- RT ATMOSPHERIC CIRCULATION
ATMOSPHERIC COMPOSITION
ATMOSPHERIC MODELS
HORIZONTAL ORIENTATION
SPATIAL DISTRIBUTION
VERTICAL DISTRIBUTION

HORIZONTAL FLIGHT

- RT AERODYNAMIC BALANCE
AIRCRAFT STABILITY
CLIMBING FLIGHT
CRUISING FLIGHT
∞ FLIGHT
FLIGHT PATHS
ROCKET FLIGHT
SOARING
TRANSITION FLIGHT
TURNING FLIGHT

HORIZONTAL ORIENTATION

- RT ALIGNMENT
ATTITUDE (INCLINATION)
DIRECTIONAL STABILITY
DYNAMIC STABILITY
HORIZONTAL DISTRIBUTION
∞ ORIENTATION
STABILIZATION
VERTICAL ORIENTATION

HORIZONTAL SPACECRAFT LANDING

- GS LANDING
 - . GLIDE LANDINGS
 - . . . **HORIZONTAL SPACECRAFT LANDING**
 - . SPACECRAFT LANDING
 - . . . **HORIZONTAL SPACECRAFT LANDING**
- RT APPROACH AND LANDING TESTS (STS)
CRASH LANDING
PLANETARY LANDING
SOFT LANDING
WATER LANDING

HORIZONTAL STABILIZERS

- USE STABILIZERS (FLUID DYNAMICS)

HORIZONTAL TAIL SURFACES

- UF TAIL PLANES
- GS AIRFOILS
 - . **HORIZONTAL TAIL SURFACES**
- CONTROL SURFACES
 - . **HORIZONTAL TAIL SURFACES**
- STABILIZERS (FLUID DYNAMICS)
 - . **HORIZONTAL TAIL SURFACES**
- TAIL SURFACES
 - . **HORIZONTAL TAIL SURFACES**
- RT AERIAL RUDDERS
ELEVATORS (CONTROL SURFACES)
∞ SURFACES

HORIZONTAL TAIL SURFACES--(cont.)

TAIL ASSEMBLIES
TRAPEZOIDAL TAIL SURFACES

HORIZONTALLY POLARIZED SHEAR WAVES

USE SH WAVES

HORMONE METABOLISMS

GS METABOLISM
HORMONE METABOLISMS
RT HORMONES

HORMONES

GS SECRETIONS
ENDOCRINE SECRETIONS
HORMONES
CORTICOSTEROIDS
ALDOSTERONE
HYDROXYCORTICOSTEROID
CORTISONE
ESTROGENS
HYPERTENSIN
PITUITARY HORMONES
ADRENOCORTICOTROPIN (ACTH)
PROSTAGLANDINS
THYROXINE
RT CATECHOLAMINE
ENDOCRINE SYSTEMS
HOMEOSTASIS
HORMONE METABOLISMS
REGULATORY MECHANISMS (BIOLOGY)
STEROIDS

HORN ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
HORN ANTENNAS
RADIO ANTENNAS
MICROWAVE ANTENNAS
HORN ANTENNAS
WAVEGUIDE ANTENNAS
HORN ANTENNAS
MICROWAVE EQUIPMENT
MICROWAVE ANTENNAS
HORN ANTENNAS
RADIO EQUIPMENT
RADIO ANTENNAS
MICROWAVE ANTENNAS
HORN ANTENNAS
RT ANTENNA DESIGN
LENS ANTENNAS
PARABOLIC ANTENNAS
RADAR ANTENNAS
SCHELKUNOFF PRINCIPLE
SIDELobe REDUCTION
SLOT ANTENNAS

HORNS

RT AUDITORY SIGNALS
SCHWARZSCHILD ANTENNAS
SIGNALS
SIRENS
SOUND GENERATORS
WARNING
WARNING SYSTEMS

HORSEPOWER

RT PHYSICAL WORK
POWER
POWER EFFICIENCY
WORK

HORSES

GS ANIMALS
VERTEBRATES
MAMMALS
HORSES
RT GRAZING
LIVESTOCK

HORSESHOE VORTICES

UF HAIRPIN VORTICES
GS VORTICES
HORSESHOE VORTICES
RT ABRIKOSOV THEORY
FLOW DISTORTION
FLOW GEOMETRY
VORTEX FILAMENTS
VORTEX GENERATORS
VORTEX RINGS
VORTICITY
WAKES
WING TIP VORTICES

HOSES

RT PIPES (TUBES)
TUBES

HOSPITALS

RT EVACUATING (TRANSPORTATION)
MEDICAL EQUIPMENT

HOT AIR

USE HIGH TEMPERATURE AIR

HOT ATOMS

GS ATOMS
HOT ATOMS
RT BETA PARTICLES
DECAY
NEUTRON DECAY

HOT CATHODES

GS ELECTRODES
CATHODES
TUBE CATHODES
HOT CATHODES
RT BAYARD-ALPERT IONIZATION GAGES
IONIZATION GAGES
THERMIONIC CATHODES

HOT CORROSION

GS CORROSION
HOT CORROSION
RT COATINGS
DAMAGE
DEGRADATION
DETERIORATION
EROSION
GAS-METAL INTERACTIONS
METAL COATINGS
OXIDATION
PITTING
RUSTING
SCALE (CORROSION)
SURFACE PROPERTIES
TEMPERATURE DEPENDENCE

HOT CYCLE PROPULSION SYSTEM

USE TIP DRIVEN ROTORS

HOT ELECTRONS

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
HOT ELECTRONS

HOT EXTRUDING

USE EXTRUDING

HOT FORMING

USE HOT WORKING

HOT GAS SYSTEMS

USE HIGH TEMPERATURE GASES

HOT GASES

USE HIGH TEMPERATURE GASES

HOT ISOSTATIC PRESSING

UF HIP (PROCESS)
GS HARDENING (MATERIALS)
HOT PRESSING
HOT ISOSTATIC PRESSING
THERMOMECHANICAL TREATMENT
HOT PRESSING
HOT ISOSTATIC PRESSING
RT COINING
COLD PRESSING
COMPACTING
FORGING
ISOSTATIC PRESSURE
METAL WORKING
PRESSING
PRESSING (FORMING)
SINTERING
STAMPING
UPSETTING

HOT JET EXHAUST

USE HIGH TEMPERATURE GASES
JET EXHAUST

HOT JETS

USE JET FLOW

HOT MACHINING

GS MACHINING
HOT MACHINING
RT FORMING TECHNIQUES

HOT PLASMAS

USE HIGH TEMPERATURE PLASMAS

HOT PRESSING

GS HARDENING (MATERIALS)
HOT PRESSING
HOT ISOSTATIC PRESSING
THERMOMECHANICAL TREATMENT
HOT PRESSING
HOT ISOSTATIC PRESSING
RT COINING
COLD PRESSING
COMPACTING
FORGING
METAL WORKING
PRESSING
PRESSING (FORMING)
SINTERING
STAMPING
UPSETTING

HOT STARS

GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
A STARS
B STARS
SIGMA ORIONIS
BLUE STARS
O STARS
WHITE DWARF STARS
WOLF-RAYET STARS
RT CATAclysmic VARIABLES
PECULIAR STARS
RED DWARF STARS

HOT SURFACES

RT HEAT TRANSFER
RAYLEIGH-BENARD CONVECTION
SURFACES

HOT WATER ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
HOT WATER ROCKET ENGINES

HOT WEATHER

GS WEATHER
HOT WEATHER
RT HEAT STROKE
SUMMER
TROPICAL REGIONS

HOT WORKING

UF HOT FORMING
GS FORMING TECHNIQUES
HOT WORKING
AUSFORMING
RT BULGING
FORGING
METAL DRAWING
METAL SPINNING
METAL WORKING
PULTRUSION
SHEARING
UPSETTING

HOT-FILM ANEMOMETERS

GS MEASURING INSTRUMENTS
ANEMOMETERS
HOT-FILM ANEMOMETERS
RT FLOW MEASUREMENT
METEOROLOGICAL INSTRUMENTS
SONIC ANEMOMETERS
VELOCITY MEASUREMENT
WIND (METEOROLOGY)
WIND MEASUREMENT
WIND VANES
WIND VELOCITY
WIND VELOCITY MEASUREMENT

HOT-WIRE ANEMOMETERS

GS MEASURING INSTRUMENTS
ANEMOMETERS
HOT-WIRE ANEMOMETERS
RT FLOW MEASUREMENT
FLOWMETERS
METEOROLOGICAL INSTRUMENTS

HOT-WIRE ANEMOMETERS--(cont.)
VELOCITY MEASUREMENT**HOT-WIRE FLOWMETERS**

UF HOT-WIRE TURBULENCE METERS
 GS MEASURING INSTRUMENTS
 FLOWMETERS
 . . . **HOT-WIRE FLOWMETERS**
 RT PIRANI GAGES
 PLASMA ELECTRODES
 THERMAL CONDUCTIVITY
 TURBULENCE METERS

HOT-WIRE TURBULENCE METERS

USE HOT-WIRE FLOWMETERS
 TURBULENCE METERS

HOTOL LAUNCH VEHICLE

GS AEROSPACE VEHICLES
 AEROSPACE PLANES
 . . . **HOTOL LAUNCH VEHICLE**
 LAUNCH VEHICLES
 . . . REUSABLE LAUNCH VEHICLES
 . . . SINGLE STAGE TO ORBIT VEHICLES
 . . . **HOTOL LAUNCH VEHICLE**
 MANEUVERABLE SPACECRAFT
 AEROSPACE PLANES
 . . . **HOTOL LAUNCH VEHICLE**
 MANNED SPACECRAFT
 AEROSPACE PLANES
 . . . **HOTOL LAUNCH VEHICLE**
 REENTRY VEHICLES
 . . . RECOVERABLE SPACECRAFT
 . . . REUSABLE SPACECRAFT
 . . . AEROSPACE PLANES
 **HOTOL LAUNCH VEHICLE**
 SOFT LANDING SPACECRAFT
 AEROSPACE PLANES
 . . . **HOTOL LAUNCH VEHICLE**
 UNMANNED SPACECRAFT
 . . . **HOTOL LAUNCH VEHICLE**
 RT LAUNCH VEHICLE CONFIGURATIONS
 SPACE SHUTTLES
 SPACE TRANSPORTATION
 SPACECRAFT LAUNCHING
 UK SPACE PROGRAM
 ∞ VEHICLES

HOTSHOT WIND TUNNELS

GS TEST FACILITIES
 WIND TUNNELS
 . . . HYPERSONIC WIND TUNNELS
 . . . **HOTSHOT WIND TUNNELS**
 . . . HYPERVELOCITY WIND TUNNELS
 . . . **HOTSHOT WIND TUNNELS**
 RT BLOWDOWN WIND TUNNELS
 SHOCK TUBES
 SHOCK TUNNELS

HOUND DOG MISSILE

GS MISSILES
 AIR TO SURFACE MISSILES
 . . . **HOUND DOG MISSILE**
 RT TURBOJET ENGINES

HOUSEHOLDER TRANSFORMATIONS

GS TRANSFORMATIONS (MATHEMATICS)
 . . . **HOUSEHOLDER TRANSFORMATIONS**
 RT PROBLEM SOLVING

HOUSEKEEPING (SPACECRAFT)

GS CLEANING
 . . . **HOUSEKEEPING (SPACECRAFT)**
 CLEANLINESS
 . . . **HOUSEKEEPING (SPACECRAFT)**
 RT HYGIENE
 SANITATION
 STERILIZATION
 WASHING

HOUSINGS

GS **HOUSINGS**
 COWLINGS
 DOGHOUSES (ELECTRONICS)
 RADOMES
 RT ∞ CONTAINERS
 COVERINGS
 DOMES (STRUCTURAL FORMS)
 ENCLOSURE
 ENCLOSURES
 FAIRINGS
 GUARDS (SHIELDS)
 NACELLES
 PERFORATED SHELLS
 PROTECTION

HOUSINGS--(cont.)

PROTECTORS
 PROTUBERANCES
 SHELLS (STRUCTURAL FORMS)
 SHIELDING
 WALLS

HOUSTON (TX)

GS CITIES
 . . . **HOUSTON (TX)**
 RT TEXAS

HOVERCRAFT

USE GROUND EFFECT MACHINES

HOVERCRAFT GROUND EFFECT MACHINES

UF HD-1 GROUND EFFECT MACHINES
 GS GROUND EFFECT MACHINES
 . . . **HOVERCRAFT GROUND EFFECT**
 MACHINES
 RT ∞ AIRCRAFT
 RESEARCH AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

HOVERING

GS MANEUVERS
 . . . **HOVERING**
 RT AERODYNAMIC STABILITY
 CUSHIONCRAFT GROUND EFFECT
 MACHINE
 FLUTTER
 GROUND EFFECT MACHINES
 HOVERING ROCKET VEHICLES
 TRANSITION FLIGHT
 V/STOL AIRCRAFT
 VERTICAL FLIGHT
 WHIRL TOWERS

HOVERING ROCKET VEHICLES

GS ROCKET VEHICLES
 . . . **HOVERING ROCKET VEHICLES**
 RT HOVERING
 SOFT LANDING SPACECRAFT
 ∞ VEHICLES

HOVERING STABILITY

GS DYNAMIC CHARACTERISTICS
 DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . AIRCRAFT STABILITY
 **HOVERING STABILITY**
 STABILITY
 . . . DYNAMIC STABILITY
 . . . MOTION STABILITY
 . . . AIRCRAFT STABILITY
 **HOVERING STABILITY**
 RT ATTITUDE STABILITY
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY
 WHIRL TOWERS

HOWITZERS

GS WEAPONS
 GUNS (ORDNANCE)
 ARTILLERY
 . . . **HOWITZERS**
 RT BALLISTICS
 GUN LAUNCHERS
 GUNNERY TRAINING

HP-115 AIRCRAFT

UF HANDLEY PAGE HP-115 AIRCRAFT
 GS HANDLEY PAGE AIRCRAFT
 . . . **HP-115 AIRCRAFT**
 JET AIRCRAFT
 . . . **HP-115 AIRCRAFT**
 MONOPLANES
 . . . **HP-115 AIRCRAFT**
 RESEARCH AIRCRAFT
 . . . **HP-115 AIRCRAFT**
 TAILLESS AIRCRAFT
 . . . **HP-115 AIRCRAFT**
 RT ∞ AIRCRAFT
 WING PLANFORMS

HPRR

USE HEALTH PHYSICS RESEARCH REACTOR

HR DIAGRAM

USE HERTZSPRUNG-RUSSELL DIAGRAM

HRB-1 HELICOPTER

USE CH-46 HELICOPTER

HS-125 AIRCRAFT

USE DH 125 AIRCRAFT

HS-748 AIRCRAFT

UF AVRO WHITWORTH HS-748 AIRCRAFT
 GS HAWKER SIDDELEY AIRCRAFT
 . . . **HS-748 AIRCRAFT**
 JET AIRCRAFT
 . . . TURBOPROP AIRCRAFT
 . . . **HS-748 AIRCRAFT**
 MONOPLANES
 . . . **HS-748 AIRCRAFT**
 PASSENGER AIRCRAFT
 . . . **HS-748 AIRCRAFT**
 RT ∞ AIRCRAFT

HS-801 AIRCRAFT

GS HAWKER SIDDELEY AIRCRAFT
 . . . **HS-801 AIRCRAFT**
 JET AIRCRAFT
 . . . **HS-801 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . . . **HS-801 AIRCRAFT**
 RT AERIAL RECONNAISSANCE
 ∞ AIRCRAFT
 OBSERVATION AIRCRAFT
 PHOTOGRAPHY
 PHOTORECONNAISSANCE

HSS-2 HELICOPTER

USE SH-3 HELICOPTER

HTGR

USE HIGH TEMPERATURE GAS COOLED
 REACTORS

HTPB PROPELLANTS

GS PROPELLANTS
 SOLID PROPELLANTS
 . . . SOLID ROCKET PROPELLANTS
 **HTPB PROPELLANTS**
 RT PLASTIC PROPELLANTS
 POLYBUTADIENE

HTSC (SUPERCONDUCTORS)

USE HIGH TEMPERATURE
 SUPERCONDUCTORS

HU-1 HELICOPTER

USE UH-1 HELICOPTER

HUBBLE CONSTANT

GS CONSTANTS
 . . . **HUBBLE CONSTANT**
 RT COSMOLOGY
 GALAXIES
 IRREGULAR GALAXIES
 RED SHIFT
 VELOCITY MEASUREMENT

HUBBLE DIAGRAM

GS COSMOLOGY
 . . . **HUBBLE DIAGRAM**
 RT BARRED GALAXIES
 GALACTIC RADIATION
 GALAXIES
 IRREGULAR GALAXIES
 RED SHIFT
 VELOCITY MEASUREMENT

HUBBLE SPACE TELESCOPE

UF LARGE SPACE TELESCOPE
 LST
 GS ARTIFICIAL SATELLITES
 SCIENTIFIC SATELLITES
 . . . ASTRONOMICAL SATELLITES
 . . . **HUBBLE SPACE TELESCOPE**
 OBSERVATORIES
 . . . ASTRONOMICAL OBSERVATORIES
 . . . ASTRONOMICAL SATELLITES
 . . . **HUBBLE SPACE TELESCOPE**
 TELESCOPES
 . . . SPACEBORNE TELESCOPES
 . . . **HUBBLE SPACE TELESCOPE**
 RT FAINT OBJECT CAMERA
 SPACE SHUTTLE PAYLOADS
 SPACEBORNE ASTRONOMY
 ULTRAVIOLET ASTRONOMY

HUBS

UF ROTOR HUBS

HUBS--(cont.)

RT SPOKES
WHEELS

HUDSON BAY (CANADA)

GS BAYS (TOPOGRAPHIC FEATURES)
. **HUDSON BAY (CANADA)**
RT CANADA

HUDSON RIVER (NY-NJ)

GS RIVERS
. **HUDSON RIVER (NY-NJ)**
RT NEW JERSEY
NEW YORK

HUECKEL THEORY

RT ∞THEORIES

HUGHES AIRCRAFT

GS **HUGHES AIRCRAFT**
. AH-64 HELICOPTER
. H-17 HELICOPTER
. OH-6 HELICOPTER
. TH-55 HELICOPTER
. XV-9A AIRCRAFT
RT ∞AIRCRAFT

HUGONIOT ADIABAT

USE HUGONIOT EQUATION OF STATE

HUGONIOT EQUATION OF STATE

UF HUGONIOT ADIABAT
GS EQUATIONS OF STATE
. **HUGONIOT EQUATION OF STATE**
RT COMPRESSIBLE FLOW
∞EQUATIONS
LOADS (FORCES)
ONE DIMENSIONAL FLOW
SHOCK WAVES

HUL

USE HARDWARE UTILIZATION LISTS

HULLS (STRUCTURES)

GS **HULLS (STRUCTURES)**
. SHIP HULLS
RT AIRCRAFT STRUCTURES
BAYS (STRUCTURAL UNITS)
BULKHEADS
FUSELAGES
HYDROFOILS
KEELS
METAL SHELLS
PERFORATED SHELLS
SEAPLANES
SHELLS (STRUCTURAL FORMS)
SKIN (STRUCTURAL MEMBER)
STRAKES
SWATH (SHIP)

HUM

RT ACOUSTICS
∞INTERFERENCE
∞NOISE

HUMAN BEHAVIOR

GS BEHAVIOR
. **HUMAN BEHAVIOR**
RT BOREDOM
DETACHMENT
DISORDERS
DITHERS
EMOTIONS
EXTROVERSION
INTROVERSION
LETHARGY
NEUROPSYCHIATRY
PANIC

HUMAN BEINGS

UF MAN
GS ANIMALS
. VERTEBRATES
. . . MAMMALS
. . . PRIMATES
. . . **HUMAN BEINGS**
RT ABORIGINES
ANTHROPOLOGY
CENSUS
CHILDREN
CHIMPANZEES
CLINICAL MEDICINE
CULTURAL RESOURCES
DEMOGRAPHY

HUMAN BEINGS--(cont.)

FEMALES
MALES
MAN ENVIRONMENT INTERACTIONS
PARENTS
PATIENTS
RACE FACTORS
RACES (ANTHROPOLOGY)
YOUTH

HUMAN BODY

GS ANATOMY
. **HUMAN BODY**
RT APPENDAGES
∞BODIES
BODY MEASUREMENT (BIOLOGY)
EXERCISE PHYSIOLOGY
LIMBS (ANATOMY)
LUMBAR REGION
POSTURE
SCIATIC REGION

HUMAN CENTRIFUGES

UF PILOTED CENTRIFUGES
GS CENTRIFUGES
. **HUMAN CENTRIFUGES**
RT ACCELERATION TOLERANCE
ARTIFICIAL GRAVITY
HIGH GRAVITY ENVIRONMENTS

HUMAN ENGINEERING

USE HUMAN FACTORS ENGINEERING

HUMAN FACTORS ENGINEERING

UF ERGONOMICS
HUMAN ENGINEERING
GS **HUMAN FACTORS ENGINEERING**
. MOTION SIMULATION
RT ABILITIES
∞AERONAUTICS
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
ANTHROPOMETRY
ARCHITECTURE
ASTRONAUT MANEUVERING EQUIPMENT
ASTRONAUT PERFORMANCE
∞ASTRONAUTICS
BIOENGINEERING
BIOFEEDBACK
BIONICS
BODY MEASUREMENT (BIOLOGY)
BRIGHTNESS
COLOR
COMFORT
CYBERNETICS
EDUCATION
EFFICIENCY
∞ENGINEERING
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
FATIGUE (BIOLOGY)
∞FLIGHT STRESS
GLARE
HUMAN RESOURCES
ILLUMINATING
LIFE SUPPORT SYSTEMS
MAN MACHINE SYSTEMS
MAN-COMPUTER INTERFACE
MANNED SPACE FLIGHT
MANUAL CONTROL
MONOCULAR VISION
NOISE (SOUND)
∞PERFORMANCE
PILOT ERROR
PRODUCTION ENGINEERING
PSYCHOLOGICAL EFFECTS
SAFETY DEVICES
SAFETY MANAGEMENT
SYSTEMS ENGINEERING
TELEOPERATORS
VISIBILITY
VISION
WHEELCHAIRS
WORKSTATIONS

HUMAN FACTORS LABORATORIES

GS LABORATORIES
. **HUMAN FACTORS LABORATORIES**
RT ENVIRONMENTAL LABORATORIES

HUMAN IMMUNODEFICIENCY VIRUS

UF HIV (VIRUS)
GS MICROORGANISMS
. VIRUSES
. . . **HUMAN IMMUNODEFICIENCY VIRUS**

HUMAN IMMUNODEFICIENCY VIRUS--(cont.)

RT ACQUIRED IMMUNODEFICIENCY
SYNDROME
ANTIBODIES
IMMUNE SYSTEMS
IMMUNOLOGY
INTERFERON
VACCINES
VIRAL DISEASES
VIRULENCE

HUMAN PATHOLOGY

GS MEDICAL SCIENCE
. PATHOLOGY
. . . **HUMAN PATHOLOGY**
RT CHOLERA
CONVULSIONS
EPILEPSY
PATIENTS

HUMAN PERFORMANCE

GS **HUMAN PERFORMANCE**
. ASTRONAUT PERFORMANCE
. . . BLACKOUT PREVENTION
. . . OPERATOR PERFORMANCE
. . . PILOT PERFORMANCE
RT COMPETITION
HUMAN RESOURCES
INFORMATION PROCESSING (BIOLOGY)
INTELLIGENCE TESTS
INTRAVEHICULAR ACTIVITY
MENTAL HEALTH
MENTAL PERFORMANCE .
∞PERFORMANCE
PILOT ERROR
PSYCHOMOTOR PERFORMANCE
RACE FACTORS
SENSORIMOTOR PERFORMANCE
VISUAL TASKS
WORKLOADS (PSYCHOPHYSIOLOGY)

HUMAN REACTIONS

RT BIOLOGICAL EFFECTS
BOREDOM
COMPETITION
EMOTIONAL FACTORS
LAUGHING
NOISE POLLUTION
PHYSIOLOGICAL EFFECTS
PSYCHOLOGICAL EFFECTS
PSYCHOMOTOR PERFORMANCE
∞REACTION
REACTION TIME
REWARD (PSYCHOLOGY)
SENSORIMOTOR PERFORMANCE
SHOCK (PHYSIOLOGY)
VACILLATION

HUMAN RELATIONS

UF INTERPERSONAL RELATIONS
RT EMPLOYEE RELATIONS
PERSONNEL MANAGEMENT
SOCIOLOGY

HUMAN RESOURCES

RT EDUCATION
HUMAN FACTORS ENGINEERING
HUMAN PERFORMANCE
MANAGEMENT PLANNING
MANPOWER
PERSONNEL
PERSONNEL DEVELOPMENT
PERSONNEL MANAGEMENT

HUMAN TOLERANCES

GS TOLERANCES (PHYSIOLOGY)
. **HUMAN TOLERANCES**
RT ∞ACCELERATION
ACCELERATION TOLERANCE
DIVING (UNDERWATER)
HEAT ACCLIMATIZATION
HEAT TOLERANCE
NOISE POLLUTION
NOISE TOLERANCE
ORTHOSTATIC TOLERANCE
RADIATION TOLERANCE
SHOCK (PHYSIOLOGY)

HUMAN WASTES

GS WASTES
. METABOLIC WASTES
. . . **HUMAN WASTES**
. . . FECES
. . . URINE
RT ACTIVATED SLUDGE

HUMAN WASTES--(cont.)

AIR POLLUTION
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 EXCRETION
 LIQUID WASTES
 ORGANIC WASTES (FUEL CONVERSION)
 POLLUTION
 SEWAGE
 SEWERS
 SOLID WASTES
 TOILETS
 WASTE DISPOSAL

HUMAN-COMPUTER INTERFACE

USE MAN-COMPUTER INTERFACE

HUMASON COMET

GS CELESTIAL BODIES
 . COMETS
 . . . **HUMASON COMET**
 RT SOLAR SYSTEM

HUMERUS

RT ARM (ANATOMY)
 ELBOW (ANATOMY)

HUMIDITY

RT AIR CONDITIONING
 ATMOSPHERIC DENSITY
 ATMOSPHERIC MOISTURE
 BODY TEMPERATURE
 CLIMATOLOGY
 COMFORT
 CORROSION
 DEHUMIDIFICATION
 DROP SIZE
 DRY HEAT
 ENVIRONMENTS
 HYGRAL PROPERTIES
 HYGROMETERS
 LAPSE RATE
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MIXING RATIOS
 MOISTURE
 MOISTURE CONTENT
 MOISTURE METERS
 PERSPIRATION
 PRECIPITATION (METEOROLOGY)
 PSYCHOLOGICAL EFFECTS
 PSYCHROMETERS
 REFRIGERATING
 TEMPERATURE
 VAPOR PRESSURE
 WATER
 WATER VAPOR
 WEATHER FORECASTING

HUMIDITY MEASUREMENT

RT HYGROMETERS
 . MEASUREMENT
 . . . METEOROLOGICAL INSTRUMENTS
 . . . MOISTURE METERS
 . . . PSYCHROMETERS

HUMMINGBIRD AIRCRAFT

USE XV-4 AIRCRAFT

HUNGARIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . **HUNGARIAN SPACE PROGRAM**
 RT HUNGARY

HUNGARY

GS NATIONS
 . **HUNGARY**
 RT CENTRAL EUROPE
 EUROPE
 HUNGARIAN SPACE PROGRAM

HUNTER F-2 AIRCRAFT

USE F-2 AIRCRAFT

HUNTING H-126 AIRCRAFT

USE H-126 AIRCRAFT

HUNTING P-84 AIRCRAFT

USE JET PROVOST AIRCRAFT

HURRICANES

GS STORMS

HURRICANES--(cont.)

. STORMS (METEOROLOGY)
 . . CYCLONES
 . . . **HURRICANES**
 ANNA HURRICANE
 TROPICAL STORMS
 . . . **HURRICANES**
 ANNA HURRICANE
 RT CLIMATOLOGY
 CYCLOGENESIS
 METEOROLOGY
 STORM DAMAGE
 STORM SURGES
 TORNADOES
 TYPHOONS

HUS-1 HELICOPTER

USE UH-34 HELICOPTER

HUSKIE HELICOPTER

USE HH-43 HELICOPTER

HUSTLER AIRCRAFT

USE B-58 AIRCRAFT

HUYGENS PRINCIPLE

RT DIFFRACTION
 . OPTICS
 . . POINT SOURCES
 . . REFRACTION
 . . SCATTERING
 . . SCHELKUNOFF PRINCIPLE
 . . SPHERICAL WAVES
 . . WAVE FRONTS
 . . WAVE PROPAGATION

HU2K-1 HELICOPTER

USE UH-2 HELICOPTER

HVITTIS CHONDRITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 **HVITTIS CHONDRITE**

HYBRID CIRCUITS

GS CIRCUITS
 . **HYBRID CIRCUITS**
 RT ELECTRONIC PACKAGING
 PRINTED CIRCUITS
 SEMICONDUCTOR DEVICES
 TRANSISTOR CIRCUITS

HYBRID COMBUSTION

USE HYBRID PROPELLANT ROCKET ENGINES

HYBRID COMPOSITES

GS COMPOSITE MATERIALS
 . **HYBRID COMPOSITES**
 RT FIBER COMPOSITES
 HYBRID STRUCTURES
 LAMINATES
 METAL MATRIX COMPOSITES
 POLYMER MATRIX COMPOSITES
 REINFORCED PLASTICS
 REINFORCING FIBERS
 RESIN MATRIX COMPOSITES
 SUPERHYBRID MATERIALS

HYBRID COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **HYBRID COMPUTERS**
 RT ANALOG COMPUTERS
 DIGITAL COMPUTERS

HYBRID NAVIGATION SYSTEMS

GS NAVIGATION
 . **HYBRID NAVIGATION SYSTEMS**
 RT NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 . . SYSTEMS

HYBRID PROPELLANT ROCKET ENGINES

UF HYBRID COMBUSTION
 GS ENGINES
 . ROCKET ENGINES
 . . **HYBRID PROPELLANT ROCKET ENGINES**
 . . . LITHERGOL ROCKET ENGINES
 RT BOOSTER ROCKET ENGINES
 INTERNAL COMBUSTION ENGINES
 JET ENGINES

HYBRID PROPELLANT ROCKET ENGINES--(cont.)

LIQUID PROPELLANT ROCKET ENGINES
 RESTARTABLE ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 SUSTAINER ROCKET ENGINES
 VERNIER ENGINES

HYBRID PROPELLANTS

UF LITHERGOLIC PROPELLANTS
 GS PROPELLANTS
 . **HYBRID PROPELLANTS**
 RT CASE BONDED PROPELLANTS
 CHEMICAL FUELS
 CRYOGENIC ROCKET PROPELLANTS
 GASEOUS ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HIGH ENERGY FUELS
 HIGH ENERGY PROPELLANTS
 HYPERGOLIC ROCKET PROPELLANTS
 LIQUID ROCKET PROPELLANTS
 METAL FUELS
 METAL PROPELLANTS
 SOLID PROPELLANT IGNITION
 SOLID PROPELLANTS
 SOLID ROCKET PROPELLANTS

HYBRID PROPULSION

UF DUAL MODE PROPULSION
 GS PROPULSION
 . CHEMICAL PROPULSION
 . . **HYBRID PROPULSION**
 RT JET ENGINES
 LASER PROPULSION
 ROCKET ENGINES

HYBRID ROCKET ENGINES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DUCTED ROCKET ENGINES

HYBRID STRUCTURES

RT COMPOSITE STRUCTURES
 ELASTIC PROPERTIES
 FLEXIBLE BODIES
 HYBRID COMPOSITES
 RIGID STRUCTURES
 STRUCTURAL STABILITY
 . . STRUCTURES

HYBRIDS (BIOLOGY)

USE GENETIC ENGINEERING

HYDRATES

RT AQUEOUS SOLUTIONS
 WATER

HYDRATION

RT CHEMICAL REACTIONS
 DEHYDRATION
 HYDROLYSIS

HYDRAULIC ACTUATORS

USE ACTUATORS
 HYDRAULIC EQUIPMENT

HYDRAULIC ANALOGIES

GS ANALOGIES
 . **HYDRAULIC ANALOGIES**
 RT COMPUTERIZED SIMULATION
 FLOW VISUALIZATION
 FLUIDICS
 FLUIDICS
 GAS FLOW
 NUMERICAL FLOW VISUALIZATION
 WAVE PROPAGATION

HYDRAULIC CONTROL

UF ELECTROHYDRAULIC CONTROL
 RT AUTOMATIC CONTROL
 . CONTROL
 . . ELECTRONIC CONTROL
 . . ENGINE CONTROL
 . . FLUID POWER
 . . FLUIDICS
 . . HYDRAULICS
 . . PNEUMATIC CONTROL
 . . REMOTE CONTROL
 . . SOLENOID VALVES

HYDRAULIC EQUIPMENT

- UF HYDRAULIC ACTUATORS
- HYDRAULIC HEATING SOURCES
- HYDRAULIC PUMPS
- HYDRAULIC SYSTEMS
- HYDRAULIC VALVES
- GS **HYDRAULIC EQUIPMENT**
 - . AIRCRAFT HYDRAULIC SYSTEMS
- RT AIRBORNE EQUIPMENT
- AUTOMATIC CONTROL VALVES
- COCKS
- CUSHIONS
- ∞ EQUIPMENT
- FLUID AMPLIFIERS
- FLUID POWER
- FLUID SWITCHING ELEMENTS
- FLY BY TUBE CONTROL
- GATES (OPENINGS)
- ∞ HYDRAULICS
- MOTORS
- NETWORK ANALYSIS
- NETWORK SYNTHESIS
- ∞ NETWORKS
- PUMPS
- RELIEF VALVES
- SERVOCONTROL
- SERVOMECHANISMS
- SHOCK ABSORBERS
- ∞ SYSTEMS
- TURBINE WHEELS
- VALVES
- WATER HAMMER
- WHEEL BRAKES

HYDRAULIC FLUIDS

- GS LIQUIDS
 - . **HYDRAULIC FLUIDS**
 - . . SKYDROL (TRADEMARK)
- RT FLUID PRESSURE
- FLUID TRANSMISSION LINES
- ∞ FLUIDS
- HIGH TEMPERATURE FLUIDS
- ∞ HYDRAULICS
- OILS
- PATCH TESTS
- TRANSMISSION FLUIDS
- WORKING FLUIDS

HYDRAULIC HEATING SOURCES

- USE HEAT SOURCES
- HYDRAULIC EQUIPMENT

HYDRAULIC JETS

- UF WATER JETS
- GS FLUID JETS
 - . **HYDRAULIC JETS**
- RT JET FLOW

HYDRAULIC PUMPS

- USE HYDRAULIC EQUIPMENT
- PUMPS

HYDRAULIC SHOCK

- GS MECHANICAL SHOCK
 - . **HYDRAULIC SHOCK**

HYDRAULIC SYSTEMS

- USE HYDRAULIC EQUIPMENT

HYDRAULIC TEST TUNNELS

- UF WATER TUNNELS
- GS TEST FACILITIES
 - . **HYDRAULIC TEST TUNNELS**
- RT ∞ TUNNELS

HYDRAULIC VALVES

- USE HYDRAULIC EQUIPMENT
- VALVES

∞ HYDRAULICS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT FLUID DYNAMICS
- FLUID FLOW
- FLUID MECHANICS
- FLUID POWER
- HYDRAULIC CONTROL
- HYDRAULIC EQUIPMENT
- HYDRAULIC FLUIDS
- HYDRODYNAMIC RAM EFFECT
- HYDRODYNAMICS
- HYDROLOGY
- HYDROMECHANICS

HYDRAULICS--(cont.)

- HYDROSTATICS
- IMPEDANCE
- INFLUENCE COEFFICIENT
- LIMNOLOGY
- ∞ MECHANICS (PHYSICS)
- PIPES (TUBES)
- PNEUMATICS
- PRESSURE HEADS
- THERMOHYDRAULICS
- WATER
- WATER FLOW
- WATER PRESSURE

HYDRAZIDES

- RT HYDRAZINES

HYDRAZINE BORANE

- GS BORON COMPOUNDS
 - . BORON HYDRIDES
 - . . BORANES
 - . . . **HYDRAZINE BORANE**
- HYDRAZINES
- . **HYDRAZINE BORANE**
- HYDROGEN COMPOUNDS
- . HYDRIDES
- . . BORON HYDRIDES
- . . . BORANES
- **HYDRAZINE BORANE**

HYDRAZINE ENGINES

- UF NIMPHE (ENGINE)
- GS ENGINES
 - . ROCKET ENGINES
 - . . LIQUID PROPELLANT ROCKET ENGINES
 - . . . **HYDRAZINE ENGINES**
- RT TURBOROCKET ENGINES

HYDRAZINE NITRATE

- GS NITROGEN COMPOUNDS
 - . NITRATES
 - . . INORGANIC NITRATES
 - . . . **HYDRAZINE NITRATE**

HYDRAZINE NITROFORM

- GS ESTERS
 - . ORGANIC NITRATES
 - . . NITROFORMS
 - . . . **HYDRAZINE NITROFORM**
- EXPLOSIVES
- . **HYDRAZINE NITROFORM**
- NITROGEN COMPOUNDS
- . NITRATES
- . . ORGANIC NITRATES
- . . . NITROFORMS
- **HYDRAZINE NITROFORM**
- PROPELLANTS
- . **HYDRAZINE NITROFORM**

HYDRAZINE PERCHLORATES

- GS HALOGEN COMPOUNDS
 - . CHLORINE COMPOUNDS
 - . . PERCHLORATES
 - . . . **HYDRAZINE PERCHLORATES**
- HYDRAZINES
- . **HYDRAZINE PERCHLORATES**

HYDRAZINES

- GS **HYDRAZINES**
 - . CHLORPROMAZINE
 - . DIHYDRAZINE
 - . DIMETHYLHYDRAZINES
 - . ETHYLENE DIHYDRAZINE
 - . HYDRAZINE BORANE
 - . HYDRAZINE PERCHLORATES
 - . METHYLHYDRAZINE
 - . TETRAFLUOROHYDRAZINE
- RT AEROZINE
- AMINES
- HYDRAZIDES
- HYDRAZONES
- LIQUID ROCKET PROPELLANTS
- ROCKET PROPELLANTS

HYDRAZINIUM COMPOUNDS

- GS NITROGEN COMPOUNDS
 - . **HYDRAZINIUM COMPOUNDS**
- RT ∞ CHEMICAL COMPOUNDS

HYDRAZOIC ACID

- GS ACIDS
 - . **HYDRAZOIC ACID**
- NITROGEN COMPOUNDS

HYDRAZOIC ACID--(cont.)

- . **HYDRAZOIC ACID**
- RT NITROGEN HYDRIDES

HYDRAZONES

- GS NITROGEN COMPOUNDS
 - . **HYDRAZONES**
- RT HYDRAZINES

HYDRAZONIUM COMPOUNDS

- RT ∞ CHEMICAL COMPOUNDS

HYDRIDES

- GS HYDROGEN COMPOUNDS
 - . **HYDRIDES**
 - . . BOROHYDRIDES
 - . . . ALUMINUM BOROHYDRIDES
 - . . . BERYLLIUM BOROHYDRIDES
 - . . . BORON HYDRIDES
 - . . . ALUMINUM BOROHYDRIDES
 - . . . BERYLLIUM BOROHYDRIDES
 - . . . BORANES
 - . . . CARBORANE
 - HYDRAZINE BORANE
 - PENTABORANES
 - . . . DIBORANE
 - . . . DIHYDRIDES
 - . . . METAL HYDRIDES
 - . . . ALUMINUM HYDRIDES
 - . . . ALUMINUM BOROHYDRIDES
 - . . . BERYLLIUM HYDRIDES
 - . . . CESIUM HYDRIDES
 - . . . LITHIUM HYDRIDES
 - . . . LITHIUM ALUMINUM HYDRIDES
 - . . . POTASSIUM HYDRIDES
 - . . . SODIUM HYDRIDES
 - . . . NITROGEN HYDRIDES
 - . . . AMINO RADICAL
 - . . . PHOSPHINES
 - . . . SILANES
 - . . . CHLOROSILANES
 - . . . METHYL CHLOROSILANES
 - . . . ZIRCONIUM HYDRIDES
- RT DEUTERIDES
- HYDROGEN PRODUCTION

HYDROACOUSTICS

- USE UNDERWATER ACOUSTICS

HYDROAEROMECHANICS

- USE AERODYNAMICS

HYDROBALLISTICS

- GS BALLISTICS
 - . **HYDROBALLISTICS**
- RT BALLISTIC RANGES
- HYDRODYNAMICS
- TORPEDOES
- UNDERWATER EXPLOSIONS
- UNDERWATER TRAJECTORIES

HYDROBAROPHONES

- USE HYDROPHONES

HYDROBORATION

- GS CHEMICAL REACTIONS
 - . **HYDROBORATION**

HYDROBROMIC ACID

- GS ACIDS
 - . **HYDROBROMIC ACID**
- HALOGEN COMPOUNDS
- . BROMINE COMPOUNDS
- . . BROMIDES
- . . . **HYDROBROMIC ACID**
- . . . HALIDES
- . . . BROMIDES
- . . . **HYDROBROMIC ACID**

HYDROBROMIDES

- GS HALOGEN COMPOUNDS
 - . BROMINE COMPOUNDS
 - . . BROMIDES
 - . . . **HYDROBROMIDES**
- . HALIDES
- . . BROMIDES
- . . . **HYDROBROMIDES**
- HYDROGEN COMPOUNDS
- . **HYDROBROMIDES**

HYDROCARBON COMBUSTION

- GS COMBUSTION
 - . **HYDROCARBON COMBUSTION**
- RT EXPLOSIONS

HYDROCARBON COMBUSTION--(cont.)

FUEL COMBUSTION
OXIDATION
PROPELLANT COMBUSTION
SMOG

HYDROCARBON FUEL PRODUCTION

GS **HYDROCARBON FUEL PRODUCTION**
ATMOSPHERIC ENERGY SOURCES
RT AGRICULTURE
BIOCONVERSION
BIOMASS ENERGY PRODUCTION
ENERGY TECHNOLOGY
HYDROGEN FUELS
LIGNITE
SOLVENT REFINED COAL
WASTE UTILIZATION

HYDROCARBON FUELS

GS FUELS
CHEMICAL FUELS
HYDROCARBON FUELS
DIESEL FUELS
GASOLINE
JET ENGINE FUELS
JP-4 JET FUEL
JP-5 JET FUEL
JP-6 JET FUEL
JP-8 JET FUEL
LIQUEFIED NATURAL GAS
SYNTHANE
RT ACETYLENE
AIRCRAFT FUELS
ALKANES
AMINES
AUTOMOBILE FUELS
BUTADIENE
CLEAN FUELS
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
ENDOTHERMIC FUELS
ENERGY POLICY
ENVIRONMENTAL CHEMISTRY
ETHANE
ETHYLENE
FUEL PRODUCTION
HEPTANES
HEXENES
HIGH ENERGY FUELS
HYDROGEN FUELS
HYDROGEN-BASED ENERGY
HYPERGOLIC ROCKET PROPELLANTS
KEROGEN
KEROSENE
METHANATION
METHANE
PARAFFINS
PROPANE
RETORT PROCESSING
ROCKET PROPELLANTS
SHALE OIL
STORABLE PROPELLANTS
SYNTHETIC FUELS

HYDROCARBON POISONING

RT BENZENE POISONING
INDUSTRIAL SAFETY
POISONING
SMOG
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

HYDROCARBONS

GS ORGANIC COMPOUNDS
HYDROCARBONS
ALIPHATIC HYDROCARBONS
ALKANES
BUTANES
CETANE
ETHANE
HEPTANES
METHANE
NITROPROPANE
NONANES
OCTANES
PARAFFINS
CERESIN
PENTANES
NEOPENTANE
PROPANE
ALKENES
BUTENES
ETHYLENE
VINYLIDENE

HYDROCARBONS--(cont.)

HEXENES
PROPYLENE
TRIENES
ALKYNES
ACETYLENE
OXYACETYLENE
DIENES
BUTADIENE
HEPTADIENE
HEXADIENE
POLYBUTADIENE
CAROTENE
CHLOROFLUOROMETHANE
CUBANE
CYANOACETYLENE
CYCLIC HYDROCARBONS
ANTHRACENE
BENZENE
CHLOROBENZENES
COLCHICINE
CYCLOBUTANE
CYCLOHEXANE
CYCLOPROPANE
DURENE
INDENE
MENTHOL
NAPHTHALENE
NAPHTHENES
DIPHENYL COMPOUNDS
DIPHENYL HYDANTOIN
LIQUEFIED NATURAL GAS
MESITYLENE
METHYLENE
METHYLDIENE
NATURAL GAS
PHENANTHRENE
PYRENES
QUINOXALINES
STILBENE
TOLUENE
TRIPHENYLS
XYLENE
RT AROMATIC COMPOUNDS
CARBON COMPOUNDS
CRACKING (CHEMICAL ENGINEERING)
ORGANIC PEROXIDES

HYDROCHLORIC ACID

GS ACIDS
HYDROCHLORIC ACID
HALOGEN COMPOUNDS
HALIDES
CHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID

HYDROCHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
HYDROCHLORIDES
HALIDES
CHLORIDES
HYDROCHLORIDES
RT HYDROGEN CHLORIDES

HYDROCLIMATOLOGY

RT AGROCLIMATOLOGY
CLIMATOLOGY
HYDROGRAPHY
HYDROLOGY
METEOROLOGY
OCEANOGRAPHY

HYDROCRACKING

GS CHEMICAL REACTIONS
CRACKING (CHEMICAL ENGINEERING)
HYDROCRACKING
HYDROGENOLYSIS
HYDROCRACKING
DECOMPOSITION
CRACKING (CHEMICAL ENGINEERING)
HYDROCRACKING
HYDROGENOLYSIS
HYDROCRACKING
FRACTIONATION
HYDROCRACKING
RT COAL GASIFICATION
COAL LIQUEFACTION

HYDROCYANIC ACID

UF HYDROGEN CYANIDES
PRUSSIC ACID
GS ACIDS

HYDROCYANIC ACID--(cont.)

HYDROCYANIC ACID
HYDROGEN COMPOUNDS
HYDROCYANIC ACID
NITROGEN COMPOUNDS
HYDROCYANIC ACID
RT CN EMISSION
HCN LASERS

HYDRODYNAMIC COEFFICIENTS

RT COMPUTATIONAL FLUID DYNAMICS
DRAG COEFFICIENTS
FLOW DISTRIBUTION
FLOW VELOCITY
LIQUID FLOW
SEA ROUGHNESS
SHIP HULLS
STEADY FLOW
UNSTEADY FLOW
WATER WAVES

HYDRODYNAMIC EQUATIONS

GS EQUATIONS OF MOTION
KINETIC EQUATIONS
HYDRODYNAMIC EQUATIONS
HELMHOLTZ VORTICITY EQUATION
RT BOLTZMANN TRANSPORT EQUATION
EQUATIONS
FLOW STABILITY
FLOW THEORY
FLUID MECHANICS
GAS DYNAMICS
HYDRODYNAMICS
METEOROLOGY
PLASMA DYNAMICS

HYDRODYNAMIC RAM EFFECT

RT EFFECTS
FLUID FILLED SHELLS
HYDRAULICS
HYPERVELOCITY IMPACT
IMPACT
KINETIC ENERGY
LIQUID FILLED SHELLS
MOMENTUM TRANSFER
PENETRATION

HYDRODYNAMIC STABILITY

USE FLOW STABILITY

HYDRODYNAMIC TUNNELS

USE PLASMA JET WIND TUNNELS

HYDRODYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS
HYDROMECHANICS
HYDRODYNAMICS
ELASTOHYDRODYNAMICS
ELECTROHYDRODYNAMICS
MAGNETOHYDRODYNAMICS
RT BALLAST (MASS)
DYNAMICS
EARTH SCIENCES
EULER EQUATIONS OF MOTION
FLOW THEORY
FLUID FLOW
FLUID POWER
GAS DYNAMICS
HYDRAULICS
HYDROBALLISTICS
HYDRODYNAMIC EQUATIONS
HYDROSTATICS
KROOK EQUATION
LAGRANGE COORDINATES
MECHANICS (PHYSICS)
OCEAN DYNAMICS
PRESSURE GRADIENTS
PRESSURE HEADS
SEEPAGE
SHIP HULLS
THERMOHYDRAULICS
WATER
WATER FLOW
WATER HAMMER
WATER PRESSURE

HYDROELASTICITY

GS MECHANICAL PROPERTIES
ELASTIC PROPERTIES
HYDROELASTICITY

HYDROELASTICITY--(cont.)

RT COMPRESSIBILITY
COMPRESSIBLE FLUIDS
MODULUS OF ELASTICITY
THERMOELASTICITY
VISCOELASTICITY

HYDROELECTRIC POWER STATIONS

UF HYDROPOWER STATIONS
GS STATIONS
RT **HYDROELECTRIC POWER STATIONS**
ELECTRIC POWER PLANTS
ELECTRIC POWER TRANSMISSION
HYDROELECTRICITY
∞ POWER PLANTS
∞ POWER TRANSMISSION
TURBOGENERATORS
WATER WHEELS

HYDROELECTRICITY

GS ELECTRICITY
RT **HYDROELECTRICITY**
DAMS
ELECTRIC CURRENT
∞ ELECTRIC POWER
HYDROELECTRIC POWER STATIONS
∞ POWER PLANTS
TURBOGENERATORS

HYDROFLUORIC ACID

UF HYDROGEN FLUORIDES
GS ACIDS
RT **HYDROFLUORIC ACID**
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
∞ **HYDROFLUORIC ACID**
HALIDES
FLUORIDES
∞ **HYDROFLUORIC ACID**

HYDROFOIL BOATS

USE HYDROFOIL CRAFT

HYDROFOIL CRAFT

UF HYDROFOIL BOATS
RT CAPTURED AIR BUBBLE VEHICLES
HYDROFOILS
HYDROPLANES (VEHICLES)
SHIPS

HYDROFOIL OSCILLATIONS

GS OSCILLATIONS
RT **HYDROFOIL OSCILLATIONS**
FLOW STABILITY
FLUTTER
HYDROFOILS
SUPERCAVITATING FLOW

HYDROFOILS

GS **HYDROFOILS**
KEELS
RT AIRFOILS
∞ BLADES
ELEVATORS (CONTROL SURFACES)
FINS
∞ FOILS
FOILS (MATERIALS)
GUIDE VANES
HULLS (STRUCTURES)
HYDROFOIL CRAFT
HYDROFOIL OSCILLATIONS
HYDROPLANES (SURFACES)
HYDROPLANING
LANDING GEAR
MARINE RUDDERS
SHIPS
SKIS
STREAMLINING
TAIL ASSEMBLIES

HYDROFORMING

GS METAL WORKING
RT **HYDROFORMING**
DEHYDROGENATION

HYDROGEN

GS CHEMICAL ELEMENTS
RT **HYDROGEN**
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
METALLIC HYDROGEN
TRITIUM

HYDROGEN--(cont.)

RT LIQUID HYDROGEN
GASES
HYDROGEN
HYDROGEN ISOTOPES
DEUTERIUM
HYDROGEN 4
METALLIC HYDROGEN
TRITIUM
RT LIQUID HYDROGEN
BALMER SERIES
DEUTERIUM PLASMA
FUELS
HYDROGEN ATOMS
HYDROGEN IONS
HYDROGEN PLASMA
HYDROGENATION
HYDROGENOLYSIS
HYDRONIUM IONS
METALLICITY
NEPTUNE ATMOSPHERE
ORTHO HYDROGEN
PARA HYDROGEN
PASCHEN SERIES
RYDBERG SERIES
SYNTHANE
URANUS ATMOSPHERE

HYDROGEN AIR FUEL CELLS

USE HYDROGEN OXYGEN FUEL CELLS

HYDROGEN ATOMS

GS ATOMS
RT **HYDROGEN ATOMS**
H I REGIONS
HYDROGEN

HYDROGEN AZIDES

GS EXPLOSIVES
RT **HYDROGEN AZIDES**
NITROGEN COMPOUNDS
AZIDES (INORGANIC)
HYDROGEN AZIDES
PROPELLANTS
HYDROGEN AZIDES

HYDROGEN BOMBS

USE FUSION WEAPONS

HYDROGEN BONDS

GS CHEMICAL BONDS
RT **HYDROGEN BONDS**
MOLECULAR STRUCTURE
WATER

HYDROGEN CHLORIDE LASERS

USE HCL LASERS

HYDROGEN CHLORIDES

GS HALOGEN COMPOUNDS
HALIDES
CHLORIDES
HYDROGEN CHLORIDES
HYDROCHLORIC ACID
RT HYDROCHLORIDES

HYDROGEN CLOUDS

GS **HYDROGEN CLOUDS**
H I REGIONS
H II REGIONS
ORION NEBULA
RT CLOUDS
DROP SIZE
GALACTIC ROTATION
GASES
MOLECULAR CLOUDS
NEUTRAL GASES
PLASMA CLOUDS
SPIN TEMPERATURE
STAR FORMATION
VAPOR PHASES
VAPORS

HYDROGEN COMPOUNDS

GS **HYDROGEN COMPOUNDS**
DEUTERIUM COMPOUNDS
DEUTERIDES
DEUTERIUM FLUORIDES
HEAVY WATER
HYDRIDES
BOROHYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORON HYDRIDES

HYDROGEN COMPOUNDS--(cont.)

ALUMINUM BOROHYDRIDES
BERYLLIUM BOROHYDRIDES
BORANES
CARBORANE
HYDRAZINE BORANE
PENTABORANES
DIBORANE
DIHYDRIDES
METAL HYDRIDES
ALUMINUM HYDRIDES
ALUMINUM BOROHYDRIDES
BERYLLIUM HYDRIDES
CESIUM HYDRIDES
LITHIUM HYDRIDES
LITHIUM ALUMINUM HYDRIDES
POTASSIUM HYDRIDES
SODIUM HYDRIDES
NITROGEN HYDRIDES
AMINO RADICAL
PHOSPHINES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
ZIRCONIUM HYDRIDES
HYDROBROMIDES
HYDROCYANIC ACID
HYDROGEN PEROXIDE
HYDROGEN SULFIDE
HYDROSULFITES
LIGHT WATER
RT ACIDS
∞ CHEMICAL COMPOUNDS
WATER

HYDROGEN CYANIDE LASERS

USE HCN LASERS

HYDROGEN CYANIDES

USE HYDROCYANIC ACID

HYDROGEN DEUTERIUM OXIDE

USE HEAVY WATER

HYDROGEN EMBRITTLEMENT

GS EMBRITTLEMENT
RT **HYDROGEN EMBRITTLEMENT**
CHEMISORPTION
GAS-METAL INTERACTIONS
IRON
STEELS

HYDROGEN ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
HYDROGEN ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILES

HYDROGEN FLUORIDE LASERS

USE HF LASERS

HYDROGEN FLUORIDES

USE HYDROFLUORIC ACID

HYDROGEN FUELS

GS FUELS
CHEMICAL FUELS
LIQUID FUELS
HYDROGEN FUELS
RT CRYOGENIC ROCKET PROPELLANTS
DEUTERIUM
FUEL CELLS
FUEL PRODUCTION
GASEOUS ROCKET PROPELLANTS
GELLED PROPELLANTS
HYDROCARBON FUEL PRODUCTION
HYDROCARBON FUELS
HYDROGEN-BASED ENERGY
LIQUID HYDROGEN
LIQUID ROCKET PROPELLANTS
RAMJET ENGINES
SLUSH HYDROGEN
WATER SPLITTING

HYDROGEN IONS

GS IONS
RT **HYDROGEN IONS**
ACIDITY
H II REGIONS
HYDROGEN
HYDRONIUM IONS
PH

HYDROGEN IONS--(cont.)

PH FACTOR
POSITIVE IONS
PROTONS

HYDROGEN ISOTOPES

GS CHEMICAL ELEMENTS
 HYDROGEN
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 METALLIC HYDROGEN
 TRITIUM
 NUCLIDES
 ISOTOPES
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 TRITIUM
GASES
 HYDROGEN
 HYDROGEN ISOTOPES
 DEUTERIUM
 HYDROGEN 4
 METALLIC HYDROGEN
 TRITIUM

HYDROGEN MASERS

GS STIMULATED EMISSION DEVICES
 MASERS
 GAS MASERS
 HYDROGEN MASERS

HYDROGEN METABOLISM

GS METABOLISM
 HYDROGEN METABOLISM
RT CARBOHYDRATE METABOLISM
 NITROGEN METABOLISM
 OXYGEN METABOLISM
 RESPIRATION
 SECRETIONS

HYDROGEN OXYGEN ENGINES

UF HYDROX ENGINES
 LOX-HYDROGEN ENGINES
GS ENGINES
 ROCKET ENGINES
 LIQUID PROPELLANT ROCKET
 ENGINES
 HYDROGEN OXYGEN ENGINES
 J-2 ENGINE
 M-1 ENGINE
 RL-10-A-1 ENGINE
 RL-10-A-3 ENGINE
RT AUXILIARY PROPULSION
 LIQUID AIR CYCLE ENGINES
 SPACE STATION PROPULSION
 TURBOROCKET ENGINES

HYDROGEN OXYGEN FUEL CELLS

UF HYDROGEN AIR FUEL CELLS
GS ELECTRIC GENERATORS
 DIRECT POWER GENERATORS
 FUEL CELLS
 HYDROGEN OXYGEN FUEL CELLS
 ELECTROCHEMICAL CELLS
 FUEL CELLS
 HYDROGEN OXYGEN FUEL CELLS
RT PHOSPHORIC ACID FUEL CELLS

HYDROGEN PERCHLORATE

GS HALOGEN COMPOUNDS
 CHLORINE COMPOUNDS
 PERCHLORATES
 HYDROGEN PERCHLORATE

HYDROGEN PEROXIDE

GS CHALCOGENIDES
 OXIDES
 DIOXIDES
 HYDROGEN PEROXIDE
 HYDROGEN COMPOUNDS
 HYDROGEN PEROXIDE
RT ROCKET OXIDIZERS

HYDROGEN PLASMA

GS PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 HYDROGEN PLASMA
 DEUTERIUM PLASMA
RT ARGON PLASMA
 DEUTERIUM
 HELIUM PLASMA

HYDROGEN PLASMA--(cont.)

HYDROGEN
OXYGEN PLASMA
SOLAR WIND
STARK EFFECT

HYDROGEN PRODUCTION

RT ELECTROLYSIS
 ENERGY CONVERSION
 FUELS
 HYDRIDES
 HYDROGEN-BASED ENERGY
 HYDROLYSIS
 LIGNITE
 SOLAR ENERGY CONVERSION
 THERMAL DISSOCIATION
 WATER SPLITTING

HYDROGEN RECOMBINATIONS

GS RECOMBINATION REACTIONS
 HYDROGEN RECOMBINATIONS

HYDROGEN SULFIDE

GS CHALCOGENIDES
 SULFIDES
 INORGANIC SULFIDES
 HYDROGEN SULFIDE
 HYDROGEN COMPOUNDS
 HYDROGEN SULFIDE
 SULFUR COMPOUNDS
 SULFIDES
 INORGANIC SULFIDES
 HYDROGEN SULFIDE

HYDROGEN 2

USE DEUTERIUM

HYDROGEN 3

USE TRITIUM

HYDROGEN 4

GS CHEMICAL ELEMENTS
 HYDROGEN
 HYDROGEN ISOTOPES
 HYDROGEN 4
 NUCLIDES
 ISOTOPES
 HYDROGEN ISOTOPES
 HYDROGEN 4
GASES
 HYDROGEN
 HYDROGEN ISOTOPES
 HYDROGEN 4

HYDROGEN-BASED ENERGY

RT ∞ ENERGY
 ENERGY TECHNOLOGY
 FUEL CELLS
 GAS MIXTURES
 HYDROCARBON FUELS
 HYDROGEN FUELS
 HYDROGEN PRODUCTION
 LIQUID HYDROGEN
 NICKEL HYDROGEN BATTERIES

HYDROGENATION

GS CHEMICAL REACTIONS
 REDUCTION (CHEMISTRY)
 HYDROGENATION
RT ASPHALTENES
 CYCLOHEXANE
 DEHYDROGENATION
 HYDROGEN
 REFINING

HYDROGENOLYSIS

GS CHEMICAL REACTIONS
 HYDROGENOLYSIS
 HYDROCRACKING
 DECOMPOSITION
 HYDROGENOLYSIS
 HYDROCRACKING
RT CRACKING (CHEMICAL ENGINEERING)
 DEHYDROGENATION
 HYDROGEN
 ∞ REDUCTION

HYDROGENOMONAS

GS AUTOTROPHS
 HYDROGENOMONAS
 MICROORGANISMS
 BACTERIA
 HYDROGENOMONAS

HYDROGEOLOGY

GS GEOLOGY
 HYDROGEOLOGY
 HYDROLOGY
 HYDROGEOLOGY
RT AQUIFERS
 CORE SAMPLING
 EROSION
 FLOOD PLAINS
 FLOOD PREDICTIONS
 GEYSERS
 GLACIOLOGY
 HYDROLOGY MODELS
 HYDROSTATICS
 ∞ SCIENCE
 SOIL EROSION
 STRATIGRAPHY
 WATERSHEDS

HYDROGRAPHY

RT GEOPHYSICS
 HYDROCLIMATOLOGY
 HYDROLOGY
 HYDROMETEOROLOGY
 ICE MAPPING
 LIMNOLOGY
 METEOROLOGY
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY

HYDROKINETICS

USE HYDROMECHANICS

HYDROLOGICAL CYCLE

UF WATER CYCLE (HYDROLOGY)
GS CYCLES
 HYDROLOGICAL CYCLE
RT AIR WATER INTERACTIONS
 EARTH HYDROSPHERE
 EVAPORATION
 HYDROLOGY
 HYDROLOGY MODELS
 HYDROMETEOROLOGY
 PRECIPITATION (METEOROLOGY)

HYDROLOGY

UF HYDROSCIENCE
GS **HYDROLOGY**
 HYDROGEOLOGY
RT ALLUVIUM
 AQUIFERS
 CLIMATOLOGY
 DRAINAGE
 DRAINAGE PATTERNS
 DROUGHT
 EARTH HYDROSPHERE
 EARTH PLANETARY STRUCTURE
 EARTH SCIENCES
 FLOOD CONTROL
 FLOOD DAMAGE
 FLOOD PLAINS
 FLOOD PREDICTIONS
 FLOODS
 GEOCHEMISTRY
 GEOPHYSICS
 GREAT SALT LAKE (UT)
 ∞ HYDRAULICS
 HYDROCLIMATOLOGY
 HYDROGRAPHY
 HYDROLOGICAL CYCLE
 HYDROMETEOROLOGY
 ICE MAPPING
 INTERNATIONAL HYDROLOGICAL
 DECADE
 LAKE ERIE
 LAKE HURON
 LAKE MICHIGAN
 LAKE ONTARIO
 LAKE SUPERIOR
 LIMNOLOGY
 MARINE CHEMISTRY
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 OCEANOGRAPHY
 POLAR METEOROLOGY
 PRECIPITATION (METEOROLOGY)
 RAIN
 STREAMS
 STRUCTURAL PROPERTIES (GEOLOGY)
 WATER
 WATER MANAGEMENT
 WATER RESOURCES
 WATERSHEDS

HYDROLOGY MODELS

- GS MODELS
- RT **HYDROLOGY MODELS**
 - DRAINAGE
 - FLOODS
 - HYDROGEOLOGY
 - HYDROLOGICAL CYCLE
 - PRECIPITATION (METEOROLOGY)
 - RAIN
 - STREAMS
 - WATER FLOW

HYDROLYSIS

- GS CHEMICAL REACTIONS
- RT **HYDROLYSIS**
 - AMMONOLYSIS
 - CRACKING (CHEMICAL ENGINEERING)
 - EXTRACTION
 - HYDRATION
 - HYDROGEN PRODUCTION

HYDROMAGNETIC FLOW

- USE MAGNETOHYDRODYNAMIC FLOW

HYDROMAGNETIC STABILITY

- USE MAGNETOHYDRODYNAMIC STABILITY

HYDROMAGNETIC WAVES

- USE MAGNETOHYDRODYNAMIC WAVES

HYDROMAGNETICS

- USE MAGNETOHYDRODYNAMICS

HYDROMAGNETISM

- USE MAGNETOHYDRODYNAMICS

HYDROMECHANICS

- UF HYDROKINETICS
- GS FLUID MECHANICS
- RT **HYDROMECHANICS**
 - HYDRODYNAMICS
 - ELASTOHYDRODYNAMICS
 - ELECTROHYDRODYNAMICS
 - MAGNETOHYDRODYNAMICS
 - HYDROSTATICS
 - MAGNETOHYDROSTATICS
- RT FLUID DYNAMICS
- FLUID FLOW
- ∞ HYDRAULICS
- KINETICS
- ∞ SCIENCE
- WATER

HYDROMETALLURGY

- RT CHLORINATION
- ELECTRODIALYSIS
- FILTRATION
- ION EXCHANGING
- LEACHING
- ∞ METALLURGY
- ∞ PRECIPITATION
- PRECIPITATION (CHEMISTRY)
- REFINING
- SULFATION

HYDROMETEOROLOGY

- GS METEOROLOGY
- RT **HYDROMETEOROLOGY**
 - MARINE METEOROLOGY
 - AGROMETEOROLOGY
 - HYDROGRAPHY
 - HYDROLOGICAL CYCLE
 - HYDROLOGY
 - PRECIPITATION (CHEMISTRY)
 - PRECIPITATION (METEOROLOGY)
 - WATER BALANCE

HYDROMETERS

- GS MEASURING INSTRUMENTS
- RT **HYDROMETERS**
 - CHEMICAL ANALYSIS
 - DENSITY (MASS/VOLUME)
 - DENSITY MEASUREMENT
 - WEIGHT MEASUREMENT

HYDRONIUM IONS

- GS IONS
- RT **HYDRONIUM IONS**
 - MOLECULAR IONS
 - POSITIVE IONS
 - HYDRONIUM IONS
- RT HYDROGEN
- HYDROGEN IONS

HYDROPHONES

- UF HYDROBAROPHONES
- GS TRANSDUCERS
- SOUND TRANSDUCERS
- ELECTROACOUSTIC TRANSDUCERS
- RT **HYDROPHONES**
 - MICROPHONES
 - SONAR
 - SONOBUOYS

HYDROPLANES (SURFACES)

- UF HYDROSKIS
- RT HYDROFOILS
- HYDROPLANING
- SKIS
- ∞ SYSTEMS

HYDROPLANES (VEHICLES)

- RT HYDROFOIL CRAFT
- HYDROPLANING
- ∞ VEHICLES

HYDROPLANING

- RT HYDROFOILS
- HYDROPLANES (SURFACES)
- HYDROPLANES (VEHICLES)
- SKID LANDINGS
- SKIDDING
- WATER LANDING

HYDROPONICS

- RT AGRICULTURE
- AQUATIC PLANTS
- AQUICULTURE
- PLANTS (BOTANY)
- VEGETATION GROWTH

HYDROPOWER STATIONS

- USE HYDROELECTRIC POWER STATIONS

HYDROPYROLYSIS

- GS GASIFICATION
- COAL GASIFICATION
- RT **HYDROPYROLYSIS**
 - COAL
 - COAL LIQUEFACTION
 - LIGNITE
 - METHANATION
 - METHANE

HYDROSCIENCE

- USE HYDROLOGY

HYDROSKIS

- USE HYDROPLANES (SURFACES)

HYDROSPHERE (EARTH)

- USE EARTH HYDROSPHERE

HYDROSPINNING

- GS FORMING TECHNIQUES
- METAL SPINNING
- RT **HYDROSPINNING**
 - METAL WORKING
 - METAL SPINNING
 - HYDROSPINNING
 - SPIN
 - METAL SPINNING
 - HYDROSPINNING

HYDROSTATIC PRESSURE

- GS PRESSURE
- STATIC PRESSURE
- RT **HYDROSTATIC PRESSURE**
 - CENTER OF PRESSURE
 - ELEVATION
 - HEAD (FLUID MECHANICS)
 - HYDROSTATICS
 - ISOSTATIC PRESSURE
 - PRESSURE DEPENDENCE
 - PRESSURE HEADS
 - TRANSITION PRESSURE
 - WATER PRESSURE

HYDROSTATICS

- GS FLUID MECHANICS
- HYDROMECHANICS
- RT **HYDROSTATICS**
 - MAGNETOHYDROSTATICS
 - STATICS
 - HYDROSTATICS
 - MAGNETOHYDROSTATICS
- RT AEROSTATICS
- ELEVATION

HYDROSTATICS--(cont.)

- HEAD (FLUID MECHANICS)
- ∞ HYDRAULICS
- HYDRODYNAMICS
- HYDROGEOLOGY
- HYDROSTATIC PRESSURE
- ISOSTASY
- PRESSURE GRADIENTS
- PRESSURE HEADS
- WATER
- WATER PRESSURE

HYDROSULFITES

- GS HYDROGEN COMPOUNDS
- RT **HYDROSULFITES**
 - SULFUR COMPOUNDS
 - SULFITES
 - HYDROSULFITES

HYDROTHERMAL CRYSTAL GROWTH

- GS GROWTH
- CRYSTAL GROWTH
- RT **HYDROTHERMAL CRYSTAL GROWTH**
 - ELECTROEPITAXY

HYDROTHERMAL STRESS ANALYSIS

- RT HYDROTHERMAL SYSTEMS
- HYGRAL PROPERTIES
- HYGROSCOPICITY
- MOISTURE CONTENT
- MOISTURE RESISTANCE

HYDROTHERMAL SYSTEMS

- RT AQUIFERS
- ENERGY CONVERSION
- GEO THERMAL RESOURCES
- GEYSERS
- HEATING
- HYDROTHERMAL STRESS ANALYSIS
- SOLAR HEATING
- ∞ SYSTEMS

HYDROX ENGINES

- USE HYDROGEN OXYGEN ENGINES

HYDROXIDES

- GS **HYDROXIDES**
 - LITHIUM HYDROXIDES
 - POTASSIUM HYDROXIDES
 - SODIUM HYDROXIDES
- RT ALKALIES

HYDROXYCORTICOSTEROID

- GS ORGANIC COMPOUNDS
- LIPIDS
- STERIODS
- CORTICOSTEROIDS
- RT **HYDROXYCORTICOSTEROID**
 - CORTISONE
 - SECRETIONS
 - ENDOCRINE SECRETIONS
 - HORMONES
 - CORTICOSTEROIDS
 - HYDROXYCORTICOSTEROID
 - CORTISONE
- ADRENAL METABOLISM

HYDROXYL COMPOUNDS

- GS **HYDROXYL COMPOUNDS**
 - ALCOHOLS
 - ETHYL ALCOHOL
 - GLYCOLS
 - ISOPROPYL ALCOHOL
 - METHYL ALCOHOL
 - PHENOLS
 - BISPHENOLS
 - CRESOLS
 - PHLOROGLUCINOL
 - THYMOL
 - POLYVINYL ALCOHOL
 - TRIOLS
 - CYANURIC ACID
- RT ∞ CHEMICAL COMPOUNDS
- ORGANIC COMPOUNDS

HYDROXYL EMISSION

- GS ELECTROMAGNETIC RADIATION
- RADIO WAVES
- RADIO EMISSION
- RT **HYDROXYL EMISSION**
 - EMISSION
 - RADIO EMISSION
 - HYDROXYL EMISSION
 - EMISSION SPECTRA

HYDROXYL EMISSION--(cont.)

RADIO SOURCES (ASTRONOMY)

HYDROXYL RADICALS

GS RADICALS
 . FREE RADICALS
 . . . **HYDROXYL RADICALS**
 RT ALCOHOLS
 ∞ CHEMISTRY
 FORMYL IONS
 GLYCOLS
 IONS

HYDROXYLAMINE SULFATE

GS AMINES
 . **HYDROXYLAMINE SULFATE**
 SULFUR COMPOUNDS
 . SULFATES
 . . **HYDROXYLAMINE SULFATE**

HYDROXYLAMMONIUM PERCHLORATES

GS AMMONIUM COMPOUNDS
 . **HYDROXYLAMMONIUM PERCHLORATES**
 HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . PERCHLORATES
 . . . **HYDROXYLAMMONIUM PERCHLORATES**

HYGIENE

GS **HYGIENE**
 . ORAL HYGIENE
 RT BATHING
 CLEANLINESS
 CONSUMABLES (SPACECREW SUPPLIES)
 HEALTH
 HOUSEKEEPING (SPACECRAFT)
 PUBLIC HEALTH
 SANITATION

HYGRAL PROPERTIES

RT HUMIDITY
 HYDROTHERMAL STRESS ANALYSIS
 MOISTURE
 POROSITY
 ∞ PROPERTIES

HYGROMETERS

GS MEASURING INSTRUMENTS
 . MOISTURE METERS
 . . **HYGROMETERS**
 . . . PSYCHROMETERS
 RT CHEMICAL ANALYSIS
 DEW POINT
 HUMIDITY
 HUMIDITY MEASUREMENT
 METEOROLOGICAL INSTRUMENTS

HYGROSCOPICITY

RT CHEMICAL PROPERTIES
 HYDROTHERMAL STRESS ANALYSIS
 MATERIAL ABSORPTION
 MOISTURE CONTENT
 MOISTURE RESISTANCE
 ∞ PHYSICAL PROPERTIES
 SOLUBILITY
 WETTABILITY

HYLA-STAR ROCKET VEHICLE

GS LAUNCH VEHICLES
 . **HYLA-STAR ROCKET VEHICLE**
 ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . **HYLA-STAR ROCKET VEHICLE**
 RT LIQUID PROPELLANT ROCKET ENGINES
 TITAN 2 ICBM

HYLLERAAS COORDINATES

GS COORDINATES
 . **HYLLERAAS COORDINATES**
 RT QUANTUM MECHANICS
 TWO BODY PROBLEM

HYOSCINE

UF SCOPOLAMINE
 GS AMINES
 . **HYOSCINE**
 BASES (CHEMICAL)
 . ALKALOIDS
 . . **HYOSCINE**
 EPOXY COMPOUNDS
 . **HYOSCINE**
 NITROGEN COMPOUNDS

HYOSCINE--(cont.)

. ALKALOIDS
 . . **HYOSCINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **HYOSCINE**

HYPERBARIC CHAMBERS

GS COMPARTMENTS
 . TEST CHAMBERS
 . . PRESSURE CHAMBERS
 . . . **HYPERBARIC CHAMBERS**
 RT ∞ CHAMBERS
 HIGH PRESSURE
 VACUUM CHAMBERS

HYPERBOLAS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CONICS
 **HYPERBOLAS**
 RT HYPERBOLIC TRAJECTORIES

HYPERBOLIC COORDINATES

UF HYPERBOLIC SPACE
 GS COORDINATES
 . **HYPERBOLIC COORDINATES**

HYPERBOLIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . **HYPERBOLIC DIFFERENTIAL EQUATIONS**
 RT DIRICHLET PROBLEM
 ∞ EQUATIONS
 ESSENTIALLY NON-OSCILLATORY
 SCHEMES
 WAVE EQUATIONS

HYPERBOLIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . **HYPERBOLIC FUNCTIONS**
 . . . REAL VARIABLES
 . . . **HYPERBOLIC FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **HYPERBOLIC FUNCTIONS**
 RT EXPONENTIAL FUNCTIONS
 ∞ HYPERBOLIC SYSTEMS
 METHOD OF CHARACTERISTICS
 ORTHOGONAL FUNCTIONS
 RIEMANN WAVES
 RIESZ THEOREM

HYPERBOLIC NAVIGATION

GS NAVIGATION
 . RADIO NAVIGATION
 . . **HYPERBOLIC NAVIGATION**
 . . . DECCA NAVIGATION
 . . . LORAC NAVIGATION SYSTEM
 . . . LORAN
 LORAN C
 LORAN D
 . . . SHORAN
 RT AIR NAVIGATION
 ∞ HYPERBOLIC SYSTEMS
 INERTIAL NAVIGATION
 SURFACE NAVIGATION

HYPERBOLIC REENTRY

GS ATMOSPHERIC ENTRY
 . REENTRY
 . . **HYPERBOLIC REENTRY**
 RT REENTRY TRAJECTORIES

HYPERBOLIC SPACE

USE HYPERBOLIC COORDINATES

HYPERBOLIC SYSTEMS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT HYPERBOLIC FUNCTIONS
 HYPERBOLIC NAVIGATION
 ∞ SYSTEMS

HYPERBOLIC TRAJECTORIES

GS TRAJECTORIES
 . **HYPERBOLIC TRAJECTORIES**
 RT CELESTIAL MECHANICS

HYPERBOLIC TRAJECTORIES--(cont.)

ESCAPE VELOCITY
 HYPERBOLAS
 SPACECRAFT TRAJECTORIES

HYPERCAPNIA

GS CARBON DIOXIDE TENSION
 . **HYPERCAPNIA**
 RT BLOOD
 ∞ BREATHING
 RESPIRATORY RATE
 RESPIRATORY SYSTEM

HYPERCUBE MULTIPROCESSORS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **HYPERCUBE MULTIPROCESSORS**
 RT ARCHITECTURE (COMPUTERS)
 INTERPROCESSOR COMMUNICATION
 MULTIPROCESSING (COMPUTERS)
 PARALLEL COMPUTERS
 PARALLEL PROCESSING (COMPUTERS)
 SUPERCOMPUTERS

HYPERFINE STRUCTURE

RT ATOMIC STRUCTURE
 FINE STRUCTURE
 LINE SPECTRA
 MUON SPIN ROTATION
 SPECTRUM ANALYSIS
 ∞ STRUCTURES

HYPERGEOMETRIC FUNCTIONS

UF JACOBI POLYNOMIALS
 GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . **HYPERGEOMETRIC FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **HYPERGEOMETRIC FUNCTIONS**
 RT BESSEL FUNCTIONS
 GEOMETRY
 HYPERSPACES

HYPERGEOMETRY

USE HYPERSPACES

HYPERGLYCEMIA

GS METABOLISM
 . CARBOHYDRATE METABOLISM
 . . **HYPERGLYCEMIA**

HYPERGOLIC ROCKET PROPELLANTS

GS PROPELLANTS
 . ROCKET PROPELLANTS
 . . LIQUID ROCKET PROPELLANTS
 . . . **HYPERGOLIC ROCKET PROPELLANTS**
 RT CRYOGENIC ROCKET PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYBRID PROPELLANTS
 HYDROCARBON FUELS
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPONTANEOUS COMBUSTION
 STORABLE PROPELLANTS

HYPERION

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . ICY SATELLITES
 . . . **HYPERION**
 . . . SATURN SATELLITES
 . . . **HYPERION**
 RT SATURN (PLANET)

HYPERKINESIA

GS PHYSICAL EXERCISE
 . **HYPERKINESIA**
 RT EXHAUSTION
 FATIGUE (BIOLOGY)
 HYPOKINESIA
 STRESS (PHYSIOLOGY)
 WORK CAPACITY

HYPERMEDIA

USE MULTIMEDIA

HYPERNEA

RT MENTAL PERFORMANCE

HYPERNUCLEI

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES

HYPERNUCLEI--(cont.)

... NUCLEI (NUCLEAR PHYSICS)
 ... **HYPERNUCLEI**
 RT ELEMENTARY PARTICLES
 RADIOACTIVE DECAY

HYPERONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . BARYONS
 . . . **HYPERONS**
 XI HYPERONS
 RT ANTIPARTICLES
 BARYON RESONANCE
 CHARGED PARTICLES
 MESON RESONANCE
 NUCLEONS
 STRANGENESS

HYPEROPIA

GS ACUITY
 . VISUAL ACUITY
 . . **HYPEROPIA**
 DEFECTS
 . **HYPEROPIA**
 RT EYE DISEASES
 VISION

HYPEROXIA

UF OXYGEN TOXICITY
 RT HYPERVENTILATION
 OXIMETRY
 OXYGEN CONSUMPTION
 TOXIC DISEASES
 TOXICITY

HYPERPLANES

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **HYPERPLANES**
 RT HYPERSPACES
 POLYTOPES
 SET THEORY

HYPERPNEA

RT ∞ BREATHING
 RESPIRATORY RATE

HYPERSONNIA

GS SLEEP
 . **HYPERSONNIA**

HYPERSONIC AIRCRAFT

GS HYPERSONIC VEHICLES
 . **HYPERSONIC AIRCRAFT**
 . . HYPERSONIC GLIDERS
 . . . X-20 AIRCRAFT
 RT AEROSPACE PLANES
 ∞ AIRCRAFT
 BOOSTGLIDE VEHICLES
 HYPERSONICS
 JET AIRCRAFT
 ∞ LOW WING AIRCRAFT
 RESEARCH AIRCRAFT
 SUPERSONIC AIRCRAFT
 SWEEPBACK TAIL SURFACES
 SWEEPBACK WINGS
 TRAPEZOIDAL TAIL SURFACES

HYPERSONIC BOUNDARY LAYER

GS BOUNDARY LAYERS
 . **HYPERSONIC BOUNDARY LAYER**
 RT LAMINAR BOUNDARY LAYER
 THERMAL BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

HYPERSONIC COMBUSTION

GS COMBUSTION
 . **HYPERSONIC COMBUSTION**
 RT EROSION BURNING
 FUEL COMBUSTION

HYPERSONIC FLIGHT

RT AERODYNAMICS
 ∞ FLIGHT
 HYPERSONICS
 MISSILES
 ROCKET FLIGHT
 SUPERSONIC FLIGHT
 WAVERIDERS

HYPERSONIC FLOW

GS FLUID FLOW

HYPERSONIC FLOW--(cont.)

RT **HYPERSONIC FLOW**
 AERODYNAMICS
 CASCADE WIND TUNNELS
 COMPRESSIBLE FLOW
 FLOW VELOCITY
 GAS FLOW
 HYPERSONICS
 HYPERVELOCITY WIND TUNNELS
 LIGHTELL GAS MODEL
 SHOCK TUBES
 SHOCK TUNNELS
 SHOCK WAVES
 SUPERSONIC FLOW
 WIND TUNNELS

HYPERSONIC FORCES

GS AERODYNAMIC FORCES
 . **HYPERSONIC FORCES**
 RT AERODYNAMIC DRAG
 HYPERSONICS
 LIFT

HYPERSONIC GLIDERS

GS GLIDERS
 . **HYPERSONIC GLIDERS**
 . . X-20 AIRCRAFT
 HYPERSONIC VEHICLES
 . HYPERSONIC AIRCRAFT
 . . **HYPERSONIC GLIDERS**
 . . . X-20 AIRCRAFT
 RT AEROSPACE PLANES
 ∞ AIRCRAFT
 ASSET GLIDERS
 BOOSTGLIDE VEHICLES
 HL-10 REENTRY VEHICLE
 HLD-35 REENTRY VEHICLE
 LIFTING REENTRY VEHICLES
 PARAGLIDERS

HYPERSONIC HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . . HEAT TRANSFER
 . . . AERODYNAMIC HEAT TRANSFER
 **HYPERSONIC HEAT TRANSFER**
 RT AEROTHERMODYNAMICS
 HYPERSONICS
 SUPERSONIC HEAT TRANSFER

HYPERSONIC INLETS

GS INTAKE SYSTEMS
 . AIR INTAKES
 . . **HYPERSONIC INLETS**
 RT BYPASS RATIO
 ∞ DIFFUSERS
 ENGINE INLETS
 INLET AIRFRAME CONFIGURATIONS
 NOSE INLETS
 SIDE INLETS
 SUPERSONIC INLETS

HYPERSONIC NOZZLES

RT CONICAL NOZZLES
 ∞ NOZZLES
 ROCKET NOZZLES
 SUPERSONIC NOZZLES
 TRANSONIC NOZZLES
 WIND TUNNEL NOZZLES

HYPERSONIC REENTRY

GS ATMOSPHERIC ENTRY
 . REENTRY
 . . **HYPERSONIC REENTRY**
 . . . UNCONTROLLED REENTRY
 (SPACECRAFT)
 RT AERODYNAMIC HEATING
 AEROTHERMODYNAMICS
 BERENICE ROCKET VEHICLE
 BOUNDARY LAYER PLASMAS
 ENTRY GUIDANCE (STS)
 REENTRY EFFECTS
 REENTRY PHYSICS
 SPACECRAFT REENTRY

HYPERSONIC SHOCK

RT HYPERSONICS
 MACH CONES
 NOISE (SOUND)
 SHOCK WAVES

HYPERSONIC SPEED

SN (MACH 5 OR GREATER)
 GS RATES (PER TIME)
 . **HYPERSONIC SPEED**

HYPERSONIC SPEED--(cont.)

VELOCITY
 . **HYPERSONIC SPEED**
 RT HIGH SPEED
 HYPERSONICS
 ∞ HYPERVELOCITY
 SUPERSONIC SPEED

HYPERSONIC TEST APPARATUS

RT HYPERSONICS
 HYPERVELOCITY WIND TUNNELS
 MISSILE RANGES
 SUPERSONIC TEST APPARATUS
 ∞ TEST EQUIPMENT

HYPERSONIC VEHICLES

GS **HYPERSONIC VEHICLES**
 . HYPERSONIC AIRCRAFT
 . . HYPERSONIC GLIDERS
 . . . X-20 AIRCRAFT
 . . X-30 VEHICLE
 RT ∞ FLIGHT VEHICLES
 HYPERSONICS
 ∞ INSULATED STRUCTURES
 NATIONAL AEROSPACE PLANE
 PROGRAM
 RECOVERABLE SPACECRAFT
 REENTRY VEHICLES
 ∞ SPACECRAFT
 TEST VEHICLES
 ∞ VEHICLES
 WAVERIDERS
 ∞ WINGED VEHICLES

HYPERSONIC WAKES

GS WAKES
 . **HYPERSONIC WAKES**
 RT AIRCRAFT WAKES
 BOW WAVES
 HYPERSONICS
 SHOCK WAVES
 SUPERSONIC WAKES

HYPERSONIC WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . **HYPERSONIC WIND TUNNELS**
 . . . CASCADE WIND TUNNELS
 . . . HOTSHOT WIND TUNNELS
 . . . PLASMA JET WIND TUNNELS
 . . . SHOCK TUNNELS
 RT BLOWDOWN WIND TUNNELS
 . COMBUSTION WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 LOW DENSITY WIND TUNNELS
 MAGNETIC PISTONS
 SHOCK TUBES
 SUBSONIC WIND TUNNELS
 SUPERSONIC WIND TUNNELS
 TRANSONIC WIND TUNNELS

HYPERSONICS

GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . GAS DYNAMICS
 . . . AERODYNAMICS
 **HYPERSONICS**
 RT AEROTHERMODYNAMICS
 HYPERSONIC AIRCRAFT
 HYPERSONIC FLIGHT
 HYPERSONIC FLOW
 HYPERSONIC FORCES
 HYPERSONIC HEAT TRANSFER
 HYPERSONIC SHOCK
 HYPERSONIC SPEED
 HYPERSONIC TEST APPARATUS
 HYPERSONIC VEHICLES
 HYPERSONIC WAKES
 SUPERSONIC SPEED
 SUPERSONICS

HYPERSPACES

UF HYPERGEOMETRY
 RT HYPERGEOMETRIC FUNCTIONS
 HYPERPLANES
 HYPERSPHERES
 PHASE-SPACE INTEGRAL
 ∞ SPACE

HYPERSPHERES

RT GEOMETRY
 HYPERSPACES
 REAL VARIABLES

HYPERTENSIN

- GS DRUGS
 . VASOCONSTRICTOR DRUGS
 . . . **HYPERTENSIN**
 ORGANIC COMPOUNDS
 . PEPTIDES
 . . . POLYPEPTIDES
 . . . **HYPERTENSIN**
 SECRETIONS
 . ENDOCRINE SECRETIONS
 . . . HORMONES
 . . . **HYPERTENSIN**

HYPERTENSION

- GS PRESSURE
 . BLOOD PRESSURE
 . . . **HYPERTENSION**
 RT MYOCARDIAL INFARCTION
 TRANQUILIZERS

HYPERTHERMIA

- RT BODY TEMPERATURE
 FEVER
 HEAT STROKE
 SKIN TEMPERATURE (BIOLOGY)
 THERMOREGULATION

HYPERTONIA

- USE OSMOSIS

HYPERTROPHY

- USE GROWTH

∞ HYPERVELOCITY

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ESCAPE VELOCITY
 HYPERSONIC SPEED
 ORBITAL VELOCITY
 RELATIVISTIC VELOCITY

HYPERVELOCITY ACCELERATORS

- USE HYPERVELOCITY GUNS

HYPERVELOCITY CRATERING

- USE HYPERVELOCITY PROJECTILES
 PROJECTILE CRATERING

HYPERVELOCITY FLOW

- GS FLUID FLOW
 . **HYPERVELOCITY FLOW**
 RT FLOW VELOCITY
 SUPERSONIC FLOW

HYPERVELOCITY GUNS

- UF HYPERVELOCITY ACCELERATORS
 RT ∞ ACCELERATORS
 BALLISTICS
 GAS GUNS
 ∞ GUNS
 GUNS (ORDNANCE)
 RAILGUN ACCELERATORS

HYPERVELOCITY IMPACT

- GS IMPACT
 . **HYPERVELOCITY IMPACT**
 RT HYDRODYNAMIC RAM EFFECT
 IMPACT MELTS
 MECHANICAL SHOCK
 METEORITE COLLISIONS
 METEORITIC DAMAGE
 POINT IMPACT
 PROJECTILE CRATERING

HYPERVELOCITY LAUNCHERS

- GS LAUNCHERS
 . **HYPERVELOCITY LAUNCHERS**
 RT GUN LAUNCHERS
 RAILGUN ACCELERATORS

HYPERVELOCITY PROJECTILES

- UF HYPERVELOCITY CRATERING
 GS PROJECTILES
 . **HYPERVELOCITY PROJECTILES**
 RT ∞ BOMBARDMENT
 LIGHT GAS GUNS
 METEORIODS
 MICROMETEORITES
 PROJECTILE CRATERING
 SIMULATION

HYPERVELOCITY WIND TUNNELS

- SN (ABOVE MACH 10)

HYPERVELOCITY WIND TUNNELS--(cont.)

- GS TEST FACILITIES
 . WIND TUNNELS
 . . . **HYPERVELOCITY WIND TUNNELS**
 . . . CASCADE WIND TUNNELS
 . . . HOTSHOT WIND TUNNELS
 . . . PLASMA JET WIND TUNNELS
 . . . SHOCK TUNNELS
 RT BLOWDOWN WIND TUNNELS
 COMBUSTION WIND TUNNELS
 HYPERSONIC FLOW
 HYPERSONIC TEST APPARATUS
 HYPERSONIC WIND TUNNELS
 LOW DENSITY WIND TUNNELS
 MAGNETIC PISTONS
 SHOCK TUBES
 SUPERSONIC WIND TUNNELS

HYPERVENTILATION

- RT ACIDOSIS
 ALKALOSIS
 HYPEROXIA

HYPERVOLEMIA

- RT BLOOD CIRCULATION
 BLOOD VOLUME
 CIRCULATORY SYSTEM

HYPNOSIS

- GS SLEEP
 . **HYPNOSIS**
 RT ANESTHESIA
 SUGGESTION

HYPOBARIC ATMOSPHERES

- RT ALTITUDE SIMULATION
 ALTITUDE TOLERANCE
 ∞ ATMOSPHERES
 HIGH ALTITUDE BREATHING
 HIGH ALTITUDE ENVIRONMENTS
 HIGH ALTITUDE PRESSURE
 LOW PRESSURE
 VACUUM TESTS

HYPOCAPNIA

- GS CARBON DIOXIDE TENSION
 . **HYPOCAPNIA**
 RT BLOOD

HYPODERMIS

- GS TISSUES (BIOLOGY)
 . **HYPODERMIS**

HYPODYNAMIA

- RT MUSCLES
 MUSCULAR FUNCTION

HYPOELASTICITY

- GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . . **HYPOELASTICITY**

HYPOGLYCEMIA

- GS METABOLISM
 . CARBOHYDRATE METABOLISM
 . . . **HYPOGLYCEMIA**

HYPOKINESIA

- RT HEAD DOWN TILT
 HYPERKINESIA
 MUSCULAR FUNCTION
 MUSCULOSKELETAL SYSTEM
 PHYSICAL EXERCISE

HYPOMETABOLISM

- GS METABOLISM
 . **HYPOMETABOLISM**
 RT THYROID GLAND

HYPOPHYSIS

- USE PITUITARY GLAND

HYPOTENSION

- GS PRESSURE
 . BLOOD PRESSURE
 . . . **HYPOTENSION**
 RT HEMORRHAGES

HYPOTHALAMUS

- GS ANATOMY
 . GLANDS (ANATOMY)
 . . . ENDOCRINE GLANDS
 . . . **HYPOTHALAMUS**
 . NERVOUS SYSTEM

HYPOTHALAMUS--(cont.)

- . . . CENTRAL NERVOUS SYSTEM
 . . . BRAIN
 DIENCEPHALON
 **HYPOTHALAMUS**
 RT PITUITARY GLAND

HYPOTHERMIA

- RT BODY TEMPERATURE
 SKIN TEMPERATURE (BIOLOGY)
 THERMOREGULATION

HYPOTHESES

- GS **HYPOTHESES**
 . EXPECTANCY HYPOTHESIS
 . INTERMITTENCY HYPOTHESIS
 . LAGRANGE SIMILARITY HYPOTHESIS
 . NULL HYPOTHESIS
 . VORTICITY TRANSPORT HYPOTHESIS
 RT ASSUMPTIONS
 INFERENCE
 MATHEMATICAL LOGIC
 QUALITY CONTROL
 THEOREMS
 ∞ THEORIES
 THESES

HYPOTONIA

- GS MUSCULAR TONUS
 . **HYPOTONIA**
 RT MUSCULAR FUNCTION

HYPOVENTILATION

- GS RATES (PER TIME)
 . RESPIRATORY RATE
 . . . **HYPOVENTILATION**

HYPOVOLEMIA

- RT BLOOD CIRCULATION
 BLOOD VOLUME

HYPOXEMIA

- GS PRESSURE
 . PARTIAL PRESSURE
 . . . OXYGEN TENSION
 . . . **HYPOXEMIA**
 RT HYPOXIA

HYPOXIA

- UF OXYGEN DEFICIENCY
 RT ANOXIA
 FASTING
 HYPOXEMIA
 OXIMETRY
 OXYGEN CONSUMPTION
 STRESS (PHYSIOLOGY)

HYPISOGRAPHY

- GS GEOGRAPHY
 . **HYPISOGRAPHY**
 RT CONTOURS
 DATUM (ELEVATION)
 ELEVATION
 MAPPING
 MAPS
 RELIEF MAPS
 TOPOGRAPHY

HYPSONETERS

- GS MEASURING INSTRUMENTS
 . **HYPSONETERS**
 RT ALTIMETERS
 BAROMETERS
 METEOROLOGICAL INSTRUMENTS
 PRESSURE GAGES

HYSTERESIS

- RT ACCURACY
 ANTIFERROELECTRICITY
 ANTIFERROMAGNETISM
 DAMPING
 DYNAMIC CHARACTERISTICS
 EDDY CURRENTS
 ELECTRICAL PROPERTIES
 ERRORS
 INTERNAL FRICTION
 MAGNETIC PERMEABILITY
 MAGNETIC PROPERTIES
 MECHANICAL PROPERTIES
 OPTICAL BISTABILITY
 ∞ PHYSICAL PROPERTIES
 PRECISION
 RETARDING
 SHEAR PROPERTIES

HYSTERESIS--(cont.)

TENSILE STRENGTH
TIME LAG
TOLERANCES (MECHANICS)
VISCOELASTICITY
VISCOPLASTICITY

I**I BEAMS**

GS STRUCTURAL MEMBERS
BEAMS (SUPPORTS)
I BEAMS
RT CANTILEVER BEAMS
CURVED BEAMS
TRUSSES

IAPETUS

GS CELESTIAL BODIES
NATURAL SATELLITES
ICY SATELLITES
IAPETUS
SATURN SATELLITES
IAPETUS
RT CHARON
SATURN (PLANET)

IBM COMPUTERS

GS DATA PROCESSING EQUIPMENT
COMPUTERS
IBM COMPUTERS
IBM PERSONAL COMPUTERS
IBM 360 COMPUTER
IBM 370 COMPUTER
IBM 650 COMPUTER
IBM 704 COMPUTER
IBM 709 COMPUTER
IBM 1130 COMPUTER
IBM 1401 COMPUTER
IBM 1410 COMPUTER
IBM 1620 COMPUTER
IBM 2250 COMPUTER
IBM 7030 COMPUTER
IBM 7040 COMPUTER
IBM 7044 COMPUTER
IBM 7070 COMPUTER
IBM 7074 COMPUTER
IBM 7090 COMPUTER
IBM 7094 COMPUTER
RT DIGITAL COMPUTERS

IBM PC

USE IBM PERSONAL COMPUTERS

IBM PERSONAL COMPUTERS

SN (INCLUDES IBM COMPATIBLE PERSONAL COMPUTERS)
UF IBM PC
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MICROCOMPUTERS
PERSONAL COMPUTERS
IBM PERSONAL COMPUTERS
IBM COMPUTERS
IBM PERSONAL COMPUTERS
RT COMPUTER GRAPHICS
COMPUTER PROGRAMS

IBM 360 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 360 COMPUTER
IBM COMPUTERS
IBM 360 COMPUTER

IBM 370 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 370 COMPUTER
IBM COMPUTERS
IBM 370 COMPUTER

IBM 650 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 650 COMPUTER
IBM COMPUTERS

IBM 650 COMPUTER--(cont.)

IBM 650 COMPUTER

IBM 704 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 704 COMPUTER
IBM COMPUTERS
IBM 704 COMPUTER

IBM 709 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 709 COMPUTER
IBM COMPUTERS
IBM 709 COMPUTER

IBM 1130 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1130 COMPUTER
IBM COMPUTERS
IBM 1130 COMPUTER

IBM 1401 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1401 COMPUTER
IBM COMPUTERS
IBM 1401 COMPUTER

IBM 1410 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1410 COMPUTER
IBM COMPUTERS
IBM 1410 COMPUTER

IBM 1620 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 1620 COMPUTER
IBM COMPUTERS
IBM 1620 COMPUTER

IBM 2250 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 2250 COMPUTER
IBM COMPUTERS
IBM 2250 COMPUTER

IBM 7030 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7030 COMPUTER
IBM COMPUTERS
IBM 7030 COMPUTER

IBM 7040 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7040 COMPUTER
IBM COMPUTERS
IBM 7040 COMPUTER

IBM 7044 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7044 COMPUTER
IBM COMPUTERS
IBM 7044 COMPUTER

IBM 7070 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7070 COMPUTER
IBM COMPUTERS
IBM 7070 COMPUTER

IBM 7074 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS

IBM 7074 COMPUTER--(cont.)

DIGITAL COMPUTERS
IBM 7074 COMPUTER
IBM COMPUTERS
IBM 7074 COMPUTER

IBM 7090 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7090 COMPUTER
IBM COMPUTERS
IBM 7090 COMPUTER

IBM 7094 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
IBM 7094 COMPUTER
IBM COMPUTERS
IBM 7094 COMPUTER

ICARUS ASTEROID

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
ICARUS ASTEROID

ICBM (MISSILES)

USE INTERCONTINENTAL BALLISTIC MISSILES

ICE

GS ICE
BAY ICE
GLACIERS
LAKE ICE
ICE FLOES
LAND ICE
SEA ICE
ICE FLOES
ICEBERGS
PRESSURE ICE
AUFELS (ICE)
CIRQUES (LANDFORMS)
FROST
ICE CLOUDS
POLAR CAPS
REFRIGERANTS
RUNWAY CONDITIONS
SLUSH
STORMS (METEOROLOGY)
WATER

ICE CLOUDS

GS CLOUDS (METEOROLOGY)
ICE CLOUDS
RT CLOUD GLACIATION
CLOUDS
ICE
STRATOSPHERE

ICE ENVIRONMENTS

UF ANTARCTIC ENVIRONMENT
ARCTIC ENVIRONMENTS
ENVIRONMENTS
ICE ENVIRONMENTS
RT ENVIRONMENT EFFECTS
MARINE ENVIRONMENTS
SEA ICE

ICE FLOES

GS ICE
LAKE ICE
ICE FLOES
SEA ICE
ICE FLOES
RT OCEANOGRAPHY

ICE FORMATION

UF ICING
GS ICE FORMATION
AIRCRAFT ICING
CLOUD GLACIATION
RT BAY ICE
FOULING
FREEZING
GRAUPEL
HAIL
LAKE ICE
LOW TEMPERATURE
PRESSURE ICE
SEA ICE
SNOW

ICE MAPPING

GS MAPPING
 . **ICE MAPPING**
 RT AERIAL PHOTOGRAPHY
 BAY ICE
 EARTH RESOURCES
 HYDROGRAPHY
 HYDROLOGY
 INFRARED PHOTOGRAPHY
 OCEANOGRAPHY
 PHOTOGEOLOGY
 PHOTOGRAPHY
 PHOTOMAPPING
 SEA ICE
 SPACE SURVEILLANCE (SPACEBORNE)
 SURVEILLANCE

ICE NUCLEI

RT AITKEN NUCLEI
 CLOUD GLACIATION
 CONDENSATION NUCLEI
 FREEZING
 GRAUPEL
 NUCLEATION
 ∞ NUCLEI

ICE OBSERVATION

USE ICE REPORTING

ICE PACKS

USE SEA ICE

ICE PREVENTION

GS PREVENTION
 . **ICE PREVENTION**
 RT AIRCRAFT ICING
 ANTIICING ADDITIVES
 DEFROSTING
 DEICERS
 DEICING
 HEAT TAPES
 HEATING
 MELTING
 STORM SUPPRESSION

ICE REPORTING

UF ICE OBSERVATION
 RT BAY ICE
 ICEBERGS
 METEOROLOGICAL FLIGHT
 POLAR METEOROLOGY
 SPACE SURVEILLANCE (SPACEBORNE)
 SURVEILLANCE

ICE SHELVES

USE LAND ICE

ICEBERGS

GS ICE
 . SEA ICE
 . **ICEBERGS**
 RESOURCES
 . EARTH RESOURCES
 . **ICEBERGS**
 RT ICE REPORTING
 LAND ICE

ICELAND

GS LANDFORMS
 . ISLANDS
 . **ICELAND**
 NATIONS
 . **ICELAND**
 RT EUROPE
 ICELANDIC SPACE PROGRAM

ICELANDIC SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . **ICELANDIC SPACE PROGRAM**
 RT ICELAND

ICHTHYOLOGY

RT FISHES
 SCHOOLS (FISH)

ICING

USE ICE FORMATION

ICL COMPUTERS

UF INTERNATIONAL COMPUTERS LIMITED
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS

ICL COMPUTERS--(cont.)

. . DIGITAL COMPUTERS
 . . **ICL COMPUTERS**
 RT EUROPEAN SPACE AGENCY

ICOSAHEDRONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYHEDRONS
 . . **ICOSAHEDRONS**

ICY SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . **ICY SATELLITES**
 . . ARIEL
 . . . CALLISTO
 . . . DIONE
 . . . ENCELADUS
 . . . EUROPA
 . . . GANYMEDE
 . . . HYPERION
 . . . IAPETUS
 . . . MIMAS
 . . . RHEA (ASTRONOMY)
 . . . TETHYS
 . . . TITANIA
 RT GALILEAN SATELLITES
 JUPITER SATELLITES
 SATELLITE SURFACES
 SATURN SATELLITES

IDAHO

GS NATIONS
 . UNITED STATES
 . **IDAHO**
 RT COLUMBIA RIVER BASIN (ID-OR-WA)
 YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

IDEAL FLUIDS

RT COMPRESSIBLE FLUIDS
 EQUATIONS OF STATE
 ∞ FLUIDS
 INCOMPRESSIBLE FLUIDS
 MOLLIER DIAGRAM

IDEAL GAS

UF PERFECT GAS
 GS GASES
 . **IDEAL GAS**
 RT DALTON LAW
 EQUATIONS OF STATE
 GAS DENSITY
 KINETIC THEORY
 KINETICS
 REAL GASES

IDENTIFY FRIEND OR FOE

USE IFF SYSTEMS (IDENTIFICATION)

IDENTIFYING

GS **IDENTIFYING**
 . CROP IDENTIFICATION
 . IFF SYSTEMS (IDENTIFICATION)
 . PARAMETER IDENTIFICATION
 . RAPID BALLISTICS IDENTIFICATION
 . SYSTEM IDENTIFICATION
 . TIMBER IDENTIFICATION
 RT CHEMICAL ANALYSIS
 CODING
 COGNITION
 DETECTION
 GAS DETECTORS
 INSPECTION
 MARKING
 ∞ MEASUREMENT
 MISSILE DETECTION
 PARTICULATE SAMPLING
 PERCEPTION
 RECOGNITION
 SPECTRAL SIGNATURES
 TRACKING (POSITION)
 ULTRASONIC FLAW DETECTION
 WISWESSER NOTATIONS

IDENTITIES

RT CONGRUENCES
 ∞ EQUATIONS

IDEP (DATA EXCHANGE)

USE INTERSERVICE DATA EXCHANGE
 PROGRAM

IDLERS

RT BEARINGS
 GEARS
 PULLEYS
 ROLLERS
 VEHICULAR TRACKS

IFF SYSTEMS (IDENTIFICATION)

UF IDENTIFY FRIEND OR FOE
 GS IDENTIFYING
 . **IFF SYSTEMS (IDENTIFICATION)**
 RT AIRCRAFT DETECTION
 COGNITION
 INTERROGATION
 RECOGNITION
 ∞ SYSTEMS

IGFET (RULES)

USE INSTRUMENT FLIGHT RULES

IGFET

USE FIELD EFFECT TRANSISTORS

IGNEOUS ROCKS

UF IGNIMBRITE
 GS ROCKS
 . **IGNEOUS ROCKS**
 . . ANORTHOSITE
 . . BASALT
 . . DIORITE
 . . DUNITE
 . . ECLOGITE
 . . FELSITE
 . . GABBRO
 . . GRANITE
 . . OBSIDIAN
 . . MOLDAVITE
 . . PERIDOTITE
 . . PUMICE
 . . RHYOLITE
 . . SYENITE
 . . TRACHYTE
 RT ANDESITE
 BATHOLITHS
 BRECCIA
 EFFUSIVES
 ENSTATITE
 FELDSPARS
 ILMENITE
 LAVA
 MAGMA
 MICA
 MINERALS
 OLIVINE
 PYROXENES
 QUARTZ
 REGOLITH
 ROCK INTRUSIONS
 SEDIMENTARY ROCKS
 SOILS
 SPINEL
 TOURMALINE

IGNIMBRITE

USE IGNEOUS ROCKS

IGNITERS

GS **IGNITERS**
 . INITIATORS (EXPLOSIVES)
 . . BOOSTERS (EXPLOSIVES)
 . . CAPS (EXPLOSIVES)
 . . DETONATORS
 . . EXPLODING WIRES
 . . PRIMERS (EXPLOSIVES)
 . . SQUIBS
 RT AMMUNITION
 ELECTRIC IGNITION
 EXPLOSIVE DEVICES
 IGNITION
 IGNITION SYSTEMS
 INCENDIARY AMMUNITION
 PYROPHORIC MATERIALS
 SOLID PROPELLANT IGNITION
 SPARK PLUGS

IGNITION

UF REIGNITION
 GS **IGNITION**
 . ELECTRIC IGNITION
 . SOLID PROPELLANT IGNITION
 . SPARK IGNITION
 RT COMBUSTION
 COMBUSTION PHYSICS
 FIRING (IGNITING)
 FLAME PROPAGATION

IGNITION--(cont.)

FLAMMABILITY
FLASH POINT
FUEL COMBUSTION
IGNITERS
PREMIXING
PROPELLANT COMBUSTION
ROASTING
SPARKS
SPONTANEOUS COMBUSTION
STARTING

IGNITION LIMITS

RT COMBUSTION
FLAME RETARDANTS
FLAMMABILITY
FUEL-AIR RATIO
GAS MIXTURES
∞ LIMITS

IGNITION SYSTEMS

RT AUTOMOBILES
DISTRIBUTORS
DWELL
ELECTRIC COILS
ELECTRIC IGNITION
ENGINES
IGNITERS
INTERNAL COMBUSTION ENGINES
ROCKET ENGINES
SPARK PLUGS
SQUIBS
STARTERS
∞ SYSTEMS

IGNITION TEMPERATURE

GS TEMPERATURE
. IGNITION TEMPERATURE
. FLASH POINT
RT COMBUSTION TEMPERATURE
FLAMMABILITY
PROPELLANT SENSITIVITY
PYROPHORIC MATERIALS
SOLID PROPELLANT IGNITION
SPONTANEOUS COMBUSTION
THERMITES

IGNITRONS

GS ELECTRON TUBES
. GAS DISCHARGE TUBES
. IGNITRONS
RECTIFIERS
. IGNITRONS

IGOSS

USE INTEGRATED GLOBAL OCEAN STATION
SYSTEMS

IGY (GEOPHYSICAL YEAR)

USE INTERNATIONAL GEOPHYSICAL YEAR

IHD (HYDROLOGICAL DECADE)

USE INTERNATIONAL HYDROLOGICAL
DECADE

IL-14 AIRCRAFT

UF ILYUSHIN IL-14 AIRCRAFT
GS ILYUSHIN AIRCRAFT
. IL-14 AIRCRAFT
MONOPLANES
. IL-14 AIRCRAFT
TRANSPORT AIRCRAFT
. IL-14 AIRCRAFT
RT ∞ AIRCRAFT

IL-62 AIRCRAFT

UF CLASSIC AIRCRAFT
ILYUSHIN IL-62 AIRCRAFT
GS COMMERCIAL AIRCRAFT
. IL-62 AIRCRAFT
ILYUSHIN AIRCRAFT
. IL-62 AIRCRAFT
JET AIRCRAFT
. TURBOFAN AIRCRAFT
. IL-62 AIRCRAFT
MONOPLANES
. IL-62 AIRCRAFT
PASSENGER AIRCRAFT
. IL-62 AIRCRAFT
RT ∞ AIRCRAFT

ILLIAC COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS

ILLIAC COMPUTERS--(cont.)

. . . DIGITAL COMPUTERS
. . . ILLIAC COMPUTERS
. . . ILLIAC 3 COMPUTER
. . . ILLIAC 4 COMPUTER

ILLIAC 3 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . ILLIAC COMPUTERS
. . . ILLIAC 3 COMPUTER
RT ANALOG TO DIGITAL CONVERTERS
PARALLEL PROCESSING (COMPUTERS)

ILLIAC 4 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . ILLIAC COMPUTERS
. . . ILLIAC 4 COMPUTER
RT ANALOG TO DIGITAL CONVERTERS
PARALLEL PROCESSING (COMPUTERS)

ILLINOIS

GS NATIONS
. UNITED STATES
. ILLINOIS
RT OHIO RIVER (US)
WABASH RIVER BASIN (IL-IN-OH)

ILLITE

GS CLAYS
. ILLITE
MINERALS
. ILLITE
RT SOILS

ILLUMINANCE

SN (LIMITED TO DETECTION RATE PER
UNIT AREA OF VISIBLE
RADIATION--EQUALS LIGHT PRESSURE
TIMES SPEED OF LIGHT)
UF LIGHT PRESSURE
GS PRESSURE
. RADIATION PRESSURE
. . . LUMINOUS INTENSITY
. . . ILLUMINANCE
RATES (PER TIME)
. FLUX DENSITY
. RADIANT FLUX DENSITY
. . . IRRADIANCE
. . . ILLUMINANCE
. . . LUMINOUS INTENSITY
. . . ILLUMINANCE
RT BRIGHTNESS
ILLUMINATING
∞ ILLUMINATION
LIGHT (VISIBLE RADIATION)
LUMINANCE
LUMINOSITY
RADIANCY
SOLAR CONSTANT
SOLAR FLUX DENSITY
VISIBILITY

ILLUMINATING

UF LIGHTING
RT ARCHITECTURE
BRIGHTNESS
COMFORT
DARKNESS
ENVIRONMENTAL ENGINEERING
∞ FLARES
GLARE
HUMAN FACTORS ENGINEERING
ILLUMINANCE
∞ ILLUMINATION
LIGHT SOURCES
LIGHT TRANSMISSION
LIGHTING EQUIPMENT
LUMINAIRES
LUMINANCE
PHOTOMETRY
∞ PROJECTION
PROJECTORS
PYROTECHNICS
SHADOWS

∞ ILLUMINATION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BRIGHTNESS DISCRIMINATION
DARKENING

ILLUMINATION--(cont.)

DARKNESS
∞ DIFFUSERS
ILLUMINANCE
ILLUMINATING
ILLUMINATORS
ISOPHOTES
LIGHT TRANSMISSION
LUMINESCENCE
PHOTOMETRY

ILLUMINATORS

GS LIGHT SOURCES
. ILLUMINATORS
LIGHTING EQUIPMENT
. ILLUMINATORS
RT ∞ ILLUMINATION
INCANDESCENCE
LUMINESCENCE

ILLUSIONS

GS PSYCHOLOGICAL EFFECTS
. ILLUSIONS
. . . HALLUCINATIONS
. . . MOON ILLUSION
. . . OCULOGRAVIC ILLUSIONS
. . . OPTICAL ILLUSION
. . . ELEVATOR ILLUSION
RT AFTERIMAGES
IMAGES
PERCEPTION
VISION

ILMENITE

GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. . . IRON OXIDES
. . . ILMENITE
. . . TITANIUM OXIDES
. . . ILMENITE
IRON COMPOUNDS
. IRON OXIDES
. . . ILMENITE
MINERALS
. ILMENITE
TITANIUM COMPOUNDS
. TITANATES
. . . ILMENITE
. . . TITANIUM OXIDES
. . . ILMENITE
RT IGNEOUS ROCKS
SANDS

ILS (LANDING SYSTEMS)

USE INSTRUMENT LANDING SYSTEMS

ILYUSHIN AIRCRAFT

GS ILYUSHIN AIRCRAFT
. IL-14 AIRCRAFT
. IL-62 AIRCRAFT
RT ∞ AIRCRAFT

ILYUSHIN IL-14 AIRCRAFT

USE IL-14 AIRCRAFT

ILYUSHIN IL-62 AIRCRAFT

USE IL-62 AIRCRAFT

IMAGE ANALYSIS

GS IMAGE ANALYSIS
. IMAGE CLASSIFICATION
RT CLUSTER ANALYSIS
EDGE DETECTION
IMAGE ENHANCEMENT
IMAGE PROCESSING
IMAGE RESOLUTION
OPTICAL FLOW (IMAGE ANALYSIS)
PATTERN RECOGNITION
RADAR IMAGERY
REMOTE SENSING
SATELLITE IMAGERY
SCENE ANALYSIS

IMAGE CLASSIFICATION

GS IMAGE ANALYSIS
. IMAGE CLASSIFICATION
RT ATMOSPHERIC CORRECTION
CHANGE DETECTION
CLASSIFICATIONS
∞ CLASSIFYING
IMAGE CORRELATORS
IMAGE ENHANCEMENT
IMAGE PROCESSING

IMAGE CLASSIFICATION--(cont.)

IMAGING TECHNIQUES
OPTICAL DATA PROCESSING
PATTERN RECOGNITION
REMOTE SENSING
REMOTE SENSORS

IMAGE CONTRAST

GS CONTRAST
RT **IMAGE CONTRAST**
FOCUSING
GRAY SCALE
PATTERN REGISTRATION
RESOLUTION
SELF FOCUSING
SIGNAL TO NOISE RATIOS
SMEAR
VISIBILITY

IMAGE CONVERTERS

GS OPTICAL EQUIPMENT
RT **IMAGE CONVERTERS**
CELESTIAL
IMAGE TUBES
THERMIONS
CAMERA TUBES
CONVERTERS
LALLEMAND CAMERAS
LIGHT AMPLIFIERS
MICROCHANNELS
PHOTOCATHODES

IMAGE CORRELATORS

UF SIMICOR (IMAGE CORRELATOR)
GS SIMULTANEOUS IMAGE CORRELATOR
CORRELATORS
RT **IMAGE CORRELATORS**
HOLOGRAPHY
IMAGE CLASSIFICATION
IMAGING TECHNIQUES
MAP MATCHING GUIDANCE
OPTICAL CORRELATORS
PATTERN REGISTRATION
SPECKLE HOLOGRAPHY
VIDEO LANDMARK ACQUISITION AND TRACKING

IMAGE DISSECTOR TUBES

GS ELECTRON TUBES
CAMERA TUBES
RT **IMAGE DISSECTOR TUBES**
TELEVISION EQUIPMENT
IMAGE DISSECTOR TUBES
GUIDANCE SENSORS
SATELLITE ORIENTATION

IMAGE ENHANCEMENT

RT BAND RATIOING
FOCUSING
GEOMETRIC RECTIFICATION (IMAGERY)
GRAY SCALE
IMAGE ANALYSIS
IMAGE CLASSIFICATION
IMAGES
IMAGING TECHNIQUES
LIGHT AMPLIFIERS
RADIOMETRIC CORRECTION
RESOLUTION
SIGNAL TO NOISE RATIOS
TOMOGRAPHY
VEGETATIVE INDEX

IMAGE FILTERS

RT FILTERS
IMAGING TECHNIQUES

IMAGE FURNACES

GS HEATING EQUIPMENT
FURNACES
RT **IMAGE FURNACES**
LABORATORY EQUIPMENT
IMAGE FURNACES
ARC HEATING
CARBON ARCS

IMAGE INTENSIFIERS

UF INTENSIFIER TUBES
GS INTENSIFIERS
RT **IMAGE INTENSIFIERS**
IMAGE ORTHICONS
AMPLIFIERS
IMAGING TECHNIQUES
LALLEMAND CAMERAS
LIGHT AMPLIFIERS
NIGHT VISION

IMAGE INTENSIFIERS--(cont.)

ORTHICONS
PHOSPHORS
PHOTOCATHODES

IMAGE MOTION COMPENSATION

RT AERIAL PHOTOGRAPHY
COMPENSATION
IMAGING TECHNIQUES
PATTERN REGISTRATION

IMAGE ORTHICONS

GS ELECTRON TUBES
CAMERA TUBES
ORTHICONS
IMAGE ORTHICONS
INTENSIFIERS
IMAGE INTENSIFIERS
IMAGE ORTHICONS
RT PHOTOCATHODES

IMAGE PROCESSING

GS **IMAGE PROCESSING**
BAND RATIOING
GEOMETRIC RECTIFICATION (IMAGERY)
RT ATMOSPHERIC CORRECTION
CHANGE DETECTION
CLUSTER ANALYSIS
COMPUTER AIDED TOMOGRAPHY
DATA PROCESSING
EDGE DETECTION
FEATURE IDENTIFICATION AND LOCATION EXPR
FRAMES (DATA PROCESSING)
GEOMETRIC ACCURACY
GRAY SCALE
IMAGE ANALYSIS
IMAGE CLASSIFICATION
IMAGERY
IMAGING TECHNIQUES
MULTISENSOR APPLICATIONS
NAP-OF-THE-EARTH NAVIGATION
ONBOARD DATA PROCESSING
OPTICAL DATA PROCESSING
OPTICAL FLOW (IMAGE ANALYSIS)
POINT SPREAD FUNCTIONS
PREPROCESSING
PRINCIPAL COMPONENTS ANALYSIS
PROCESSING
PUSHBROOM SENSOR MODES
RASTER SCANNING
SCIENTIFIC VISUALIZATION
SPATIAL RESOLUTION
VECTOR QUANTIZATION
WAVELET ANALYSIS

IMAGE RECONSTRUCTION

RT DISPLAY DEVICES
HOLOGRAPHY
IMAGING TECHNIQUES
PATTERN REGISTRATION

IMAGE RESOLUTION

GS RESOLUTION
RT **IMAGE RESOLUTION**
ELECTRO-OPTICAL PHOTOGRAPHY
GEOMETRIC ACCURACY
HIGH DEFINITION TELEVISION
IMAGE ANALYSIS
IMAGERY
MATCHING
MULTISPECTRAL PHOTOGRAPHY
PATTERN REGISTRATION
SPATIAL RESOLUTION

IMAGE ROTATION

RT IMAGING TECHNIQUES
ROTATION

IMAGE TRANSDUCERS

GS TRANSDUCERS
RT **IMAGE TRANSDUCERS**
CAMERA TUBES
IMAGING TECHNIQUES
LALLEMAND CAMERAS

IMAGE TUBES

GS ELECTRON TUBES
IMAGE TUBES
THERMIONS
OPTICAL EQUIPMENT
IMAGE CONVERTERS
IMAGE TUBES
THERMIONS
RT CATHODE RAY TUBES

IMAGE TUBES--(cont.)

DISPLAY DEVICES
FLYING SPOT SCANNERS
HEAD-UP DISPLAYS
MONOSCOPES

IMAGE VELOCITY SENSORS

RT IMAGES
IMAGING TECHNIQUES
SENSORS

IMAGERY

GS **IMAGERY**
AERIAL PHOTOGRAPHY
ALL SKY PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CHRONOPHOTOGRAPHY
CINEMATOGRAPHY
CLOUD PHOTOGRAPHY
COLOR PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
ELECTRON PHOTOGRAPHY
HOLOGRAPHY
ACOUSTICAL HOLOGRAPHY
MICROWAVE HOLOGRAPHY
SPECKLE HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
INFRARED IMAGERY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
KINOFORM
LUNAR PHOTOGRAPHY
MICROWAVE IMAGERY
MICROWAVE PHOTOGRAPHY
PHOTOMICROGRAPHY
PHOTORECONNAISSANCE
PIXELS
RADAR IMAGERY
RADAR PHOTOGRAPHY
RADIOGRAPHY
ANGIOGRAPHY
AUTORADIOGRAPHY
NEUTRON RADIOGRAPHY
TOMOGRAPHY
COMPUTER AIDED TOMOGRAPHY
UROGRAPHY
REPRODUCTION (COPYING)
XEROGRAPHY
ROCKET-BORNE PHOTOGRAPHY
SATELLITE IMAGERY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPECTROHELIOGRAPHS
SPECTROPHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
ULTRAVIOLET PHOTOMETRY
X RAY IMAGERY
RT ACOUSTO-OPTICS
APPEARANCE
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
CHANGE DETECTION
CONTOUR SENSORS
DISPLAY DEVICES
EARTH RESOURCES
GEOGRAPHIC INFORMATION SYSTEMS
GEOMETRIC RECTIFICATION (IMAGERY)
GRAPHIC ARTS
GROUND TRUTH
IMAGE PROCESSING
IMAGE RESOLUTION
MICROWAVE SOUNDING
MULTISPECTRAL PHOTOGRAPHY
MULTISPECTRAL RADAR
PHOTOGRAPHY
RADAR SIGNATURES
SCENE ANALYSIS
SEA TRUTH
SIGNATURE ANALYSIS

IMAGES

UF OPTICAL IMAGES
GS **IMAGES**
AFTERIMAGES
RETINAL IMAGES
CONTOUR SENSORS
DISPLAY DEVICES
EVAPOROGRAPHY
HALOS
HELMET MOUNTED DISPLAYS
ILLUSIONS

IMAGES--(cont.)

IMAGE ENHANCEMENT
 IMAGE VELOCITY SENSORS
 ∞ OPTICS
 PERCEPTION
 PHOTOGRAPHS
 RASTER SCANNING
 REPRESENTATIONS
 SPATIAL FILTERING
 VISION

IMAGING RADAR

GS RADAR
 . **IMAGING RADAR**
 RT RADAR IMAGERY
 REMOTE SENSORS
 SIDE-LOOKING RADAR
 SYNTHETIC APERTURE RADAR

IMAGING SPECTROMETERS

GS MEASURING INSTRUMENTS
 . SPECTROMETERS
 . **IMAGING SPECTROMETERS**
 RT IMAGING TECHNIQUES
 REMOTE SENSING
 SPECTRAL REFLECTANCE
 SPECTROPHOTOMETRY

IMAGING TECHNIQUES

GS **IMAGING TECHNIQUES**
 . ACOUSTIC IMAGING
 . ACOUSTICAL HOLOGRAPHY
 . RASTER SCANNING
 . SPECKLE HOLOGRAPHY
 RT ACOUSTIC MICROSCOPES
 ACOUSTICAL HOLOGRAPHY
 ADAPTIVE OPTICS
 CHARGE INJECTION DEVICES
 CROP IDENTIFICATION
 GRAY SCALE
 HIGH DEFINITION TELEVISION
 HOLOGRAMMETRY
 IMAGE CLASSIFICATION
 IMAGE CORRELATORS
 IMAGE ENHANCEMENT
 IMAGE FILTERS
 IMAGE INTENSIFIERS
 IMAGE MOTION COMPENSATION
 IMAGE PROCESSING
 IMAGE RECONSTRUCTION
 IMAGE ROTATION
 IMAGE TRANSDUCERS
 IMAGE VELOCITY SENSORS
 IMAGING SPECTROMETERS
 ∞ METHODOLOGY
 MICROWAVE HOLOGRAPHY
 MODULATION TRANSFER FUNCTION
 MULTIMEDIA
 MULTISENSOR APPLICATIONS
 MULTISPECTRAL BAND SCANNERS
 MULTISPECTRAL PHOTOGRAPHY
 MULTISPECTRAL RADAR
 OPTICAL RELAY SYSTEMS
 OPTICAL TRANSFER FUNCTION
 ∞ OPTICS
 PARTICLE IMAGE VELOCIMETRY
 PATTERN REGISTRATION
 PHOTOGRAPHY
 PIXELS
 PRINCIPAL COMPONENTS ANALYSIS
 RADAR IMAGERY
 RAPID BALLISTICS IDENTIFICATION
 RESOLUTION CELL
 SATELLITE IMAGERY
 SCENE ANALYSIS
 SPATIAL RESOLUTION
 STREAK PHOTOGRAPHY
 SYNTHETIC APERTURES
 TELEVISION SYSTEMS
 ULTRASONIC SCANNERS
 VEGETATIVE INDEX
 X RAY IMAGERY

∞ IMBEDDINGS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ENCAPSULATING
 IMBEDDINGS (MATHEMATICS)
 INVARIANT IMBEDDINGS
 ∞ MATRICES

IMBEDDINGS (MATHEMATICS)

GS GEOMETRY
 . TOPOLOGY

IMBEDDINGS (MATHEMATICS)--(cont.)

∞ **IMBEDDINGS (MATHEMATICS)**
 . . . INVARIANT IMBEDDINGS
 RT ∞ IMBEDDINGS
 STRANGE ATTRACTORS

IMBLMS

SN (INTEGRATED MEDICAL AND
 BEHAVIORAL LABORATORY
 MEASUREMENT SYSTEM)
 UF INTEG MED AND BEHAVIORAL LAB
 MEASUR SYSTEM
 RT BIOINSTRUMENTATION
 BIOMEDICAL DATA
 MEASURING INSTRUMENTS
 MEDICAL EQUIPMENT

IMCC (CONTROL CENTER)

USE INTEGRATED MISSION CONTROL
 CENTER

IME SATELLITE

USE INTERNATIONAL MAGNETOSPHERIC
 EXPLORER

IMIDES

GS NITROGEN COMPOUNDS
 . **IMIDES**
 . . BISMALIMIDE
 . . SUCCINIMIDES
 RT AMIDES

IMINES

UF SCHIFF BASES
 GS NITROGEN COMPOUNDS
 . **IMINES**
 RT AMINES

IMLSS

SN (INTEGRATED MANEUVERING AND LIFE
 SUPPORT SYSTEM)
 UF INTEGRATED MANEUVERING LIFE
 SUPPORT SYS
 GS SELF MANEUVERING UNITS
 . **IMLSS**
 . . SUPPORT SYSTEMS
 . . LIFE SUPPORT SYSTEMS
 . . PORTABLE LIFE SUPPORT SYSTEMS
 . . . **IMLSS**
 RT ASTRONAUT MANEUVERING EQUIPMENT
 EXTRAVEHICULAR ACTIVITY
 EXTRAVEHICULAR MOBILITY UNITS
 ∞ SYSTEMS

IMMERSION

USE SUBMERGING

IMMISCIBILITY

USE SOLUBILITY

IMMITTANCE

USE ELECTRICAL IMPEDANCE

IMMOBILIZATION

RT DAMAGE
 IMPAIRMENT
 ∞ MOTION

IMMUNE SYSTEMS

GS PHYSIOLOGICAL DEFENSES
 . **IMMUNE SYSTEMS**
 RT ACQUIRED IMMUNODEFICIENCY
 SYNDROME
 ANTIBODIES
 ANTIGENS
 HUMAN IMMUNODEFICIENCY VIRUS
 IMMUNITY
 IMMUNOASSAY
 IMMUNOLOGY
 LEUKOCYTES
 LYMPHOCYTES

IMMUNITY

RT IMMUNE SYSTEMS
 INFECTIOUS DISEASES
 INOCULATION
 ∞ RESISTANCE
 TOXINS AND ANTITOXINS

IMMUNOASSAY

UF PLASMA RENIN ACTIVITY
 GS **IMMUNOASSAY**
 . RADIOIMMUNOASSAY
 RT ANTIGENS

IMMUNOASSAY--(cont.)

ASSAYING
 BIOCHEMISTRY
 IMMUNE SYSTEMS
 IMMUNOLOGY
 RADIOBIOLOGY

IMMUNOLOGY

GS MEDICAL SCIENCE
 . **IMMUNOLOGY**
 RT ACQUIRED IMMUNODEFICIENCY
 SYNDROME
 ALLERGIC DISEASES
 ANAPHYLAXIS
 ANTIBODIES
 ANTIGENS
 ANTISERUMS
 BIOCOMPATIBILITY
 ∞ BIOLOGY
 HUMAN IMMUNODEFICIENCY VIRUS
 IMMUNE SYSTEMS
 IMMUNOASSAY
 PROPHYLAXIS
 RADIOIMMUNOASSAY
 VETERINARY MEDICINE

IMP

UF INTERPLANETARY MONITORING
 PLATFORM
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . **IMP**
 . . SCIENTIFIC SATELLITES
 . . EXPLORER SATELLITES
 . . . **IMP**
 . LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . **IMP**

IMP-A

USE EXPLORER 18 SATELLITE

IMP-B

USE EXPLORER 21 SATELLITE

IMP-C

USE EXPLORER 28 SATELLITE

IMP-D

USE EXPLORER 33 SATELLITE

IMP-E

USE EXPLORER 35 SATELLITE

IMP-F

USE EXPLORER 34 SATELLITE

IMP-G

USE EXPLORER 41 SATELLITE

IMP-H

USE EXPLORER 47 SATELLITE

IMP-I

USE EXPLORER 43 SATELLITE

IMP-J

USE EXPLORER 50 SATELLITE

IMP-1

USE EXPLORER 18 SATELLITE

IMP-2

USE EXPLORER 21 SATELLITE

IMP-3

USE EXPLORER 28 SATELLITE

IMP-4

USE EXPLORER 34 SATELLITE

IMP-5

USE EXPLORER 41 SATELLITE

IMP-6

USE EXPLORER 43 SATELLITE

IMP-7

USE EXPLORER 47 SATELLITE

IMP-8

USE EXPLORER 50 SATELLITE

IMPACT
GS

IMPACT

. ECONOMIC IMPACT
. ELECTRON IMPACT
. HYPERVELOCITY IMPACT
. ION IMPACT
. POINT IMPACT
. PROTON IMPACT

RT

DECELERATION
HYDRODYNAMIC RAM EFFECT
IMPINGEMENT
MECHANICAL SHOCK
PENETRATION
PERCUSSION
PRESSURE
SHOCK ABSORBERS
SHOCK RESISTANCE
SHOCK WAVES
STRESSES

IMPACT ACCELERATION

UF

IMPACT DECELERATION

GS

RATES (PER TIME)
. ACCELERATION (PHYSICS)
. . . IMPACT ACCELERATION

RT

∞ ACCELERATION
DECELERATION
MECHANICAL SHOCK
PHYSIOLOGICAL ACCELERATION
RAILROAD HUMPING TESTS
SHOCK ABSORBERS

IMPACT DAMAGE

GS

DAMAGE
. IMPACT DAMAGE
. . METEORITIC DAMAGE
. . RAIN IMPACT DAMAGE

RT

CRATERING
CRATERS
EJECTA
IMPACT TOLERANCES
MARS CRATERS
METEOROID PROTECTION
PLANETARY CRATERS

IMPACT DECELERATION

USE

IMPACT ACCELERATION

IMPACT FUSION

GS

INERTIAL CONFINEMENT FUSION
. IMPACT FUSION

RT

FUSION REACTORS

IMPACT LOADS

UF

IMPACT PRESSURES

GS

LOADS (FORCES)
. COMPRESSION LOADS
. . IMPACT LOADS
. . DYNAMIC LOADS
. . TRANSIENT LOADS
. . . IMPACT LOADS

RT

BLAST LOADS
CONTACT LOADS
DYNAMIC PRESSURE
FIBER ORIENTATION
LANDING LOADS
LOADING RATE
RANDOM LOADS
SHOCK LOADS
STRUCTURAL DESIGN CRITERIA

IMPACT MELTS

GS

MELTS (CRYSTAL GROWTH)
. IMPACT MELTS

RT

CELESTIAL BODIES
HYPERVELOCITY IMPACT
LUNAR ROCKS
MELTING
METEORITES
MINERALS
PETROLOGY

IMPACT PREDICTION

UF

ARIP (IMPACT PREDICTION)
AUTOMATIC ROCKET IMPACT
PREDICTORS

GS

PREDICTIONS
. IMPACT PREDICTION

RT

BALLISTIC TRAJECTORIES
DOWNRANGE
GUIDANCE (MOTION)
LASER GUIDANCE
MISSILE TRAJECTORIES
RANGE SAFETY
REENTRY

IMPACT PREDICTION--(cont.)

TRAJECTORY ANALYSIS

IMPACT PRESSURES

USE

IMPACT LOADS

IMPACT RESISTANCE

UF

IMPACT SENSITIVITY

GS

SENSITIVITY
. IMPACT RESISTANCE
SHOCK RESISTANCE
. IMPACT RESISTANCE

RT

CRASHWORTHINESS
PROPELLANT SENSITIVITY
∞ RESISTANCE
TOLERANCES (PHYSIOLOGY)

IMPACT SENSITIVITY

USE

IMPACT RESISTANCE

IMPACT STRENGTH

GS

MECHANICAL PROPERTIES
. IMPACT STRENGTH

RT

BRITTLE MATERIALS
BRITTLINESS
DUCTILITY
EARTHQUAKE RESISTANCE
HARDNESS
NOTCH SENSITIVITY
∞ RESISTANCE
SHEAR PROPERTIES
∞ STRENGTH
STRESS CONCENTRATION
WAVE RESISTANCE

IMPACT TESTING MACHINES

RT

DROP TESTS
FATIGUE TESTS
∞ MACHINERY
∞ TEST EQUIPMENT

IMPACT TESTS

GS

IMPACT TESTS
. CHARPY IMPACT TEST

RT

BRITTLINESS
COMPRESSION TESTS
DESTRUCTIVE TESTS
DROP TESTS
FATIGUE TESTS
HARDNESS TESTS
IMPACTORS
LOAD TESTS
∞ MATERIALS TESTS
NOTCH SENSITIVITY
NOTCH STRENGTH
NOTCH TESTS
SHOCK TESTS
STRAIN RATE
STRESS CONCENTRATION
∞ TESTS
TOUGHNESS

IMPACT TOLERANCES

GS

TOLERANCES (MECHANICS)
. IMPACT TOLERANCES

RT

IMPACT DAMAGE

IMPACTORS

RT

CRUSHERS
GRINDING MILLS
HAMMERS
IMPACT TESTS

IMPAIRMENT

RT

DAMAGE
IMMOBILIZATION
INJURIES
LOSSES

IMPATT DIODES

USE

AVALANCHE DIODES

IMPEDANCE

UF

DUMMY LOADS

GS

IMPEDANCE
. ACOUSTIC IMPEDANCE
. ELECTRICAL IMPEDANCE
. . ELECTRICAL RESISTANCE
. . . CONTACT RESISTANCE
. . . SKIN RESISTANCE
. . . TRANSDUCTANCE
. . REACTANCE
. MECHANICAL IMPEDANCE
. RESPIRATORY IMPEDANCE

IMPEDANCE--(cont.)

RT

ATTENUATION COEFFICIENTS
BANDWIDTH
CHOKES (RESTRICTIONS)
∞ CONDUCTIVITY
CONSTRICTIONS
DAMPING
DIFFUSIVITY
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
ELECTRIC COILS
ELECTRICAL PROPERTIES
∞ HYDRAULICS
MECHANICAL PROPERTIES
∞ PHYSICAL PROPERTIES
∞ RESISTANCE
RESONANT FREQUENCIES
SMITH CHART
TIME CONSTANT
TRANSIENT RESPONSE

IMPEDANCE MATCHING

RT

ANTENNA COUPLERS
COUPLERS
COUPLING CIRCUITS
DIRECTIONAL COUPLERS
ELECTRIC NETWORKS
ELECTRICAL IMPEDANCE
ITERATIVE NETWORKS
MATCHING
MODE TRANSFORMERS
TRANSFER FUNCTIONS
TRANSMISSION LINES
WAVEGUIDE TUNERS
WAVEGUIDE WINDOWS

IMPEDANCE MEASUREMENT

RT

ELECTRICAL IMPEDANCE
ELECTRICAL MEASUREMENT
MECHANICAL IMPEDANCE
MISMATCH (ELECTRICAL)
RADIO FREQUENCY IMPEDANCE
PROBES

IMPEDANCE PROBES

GS

MEASURING INSTRUMENTS
. IMPEDANCE PROBES
. . RADIO FREQUENCY IMPEDANCE
PROBES

RT

RESONANCE PROBES

IMPELLER BLADES

USE

ROTOR BLADES (TURBOMACHINERY)

IMPELLERS

GS

ROTATING BODIES
. ROTORS
. . IMPELLERS
. . . PUMP IMPELLERS

RT

BLOWERS
CENTRIFUGAL COMPRESSORS
CENTRIFUGAL PUMPS
COMPRESSOR ROTORS
PUMPS
ROTOR BLADES (TURBOMACHINERY)
STATORS
TURBINE WHEELS
TURBINES
TURBOMACHINE BLADES
VANES

IMPERFECTIONS

USE

DEFECTS

IMPERIAL VALLEY (CA)

GS

VALLEYS
. IMPERIAL VALLEY (CA)
CALIFORNIA
DESERTS
MEXICO

RT

IMPINGEMENT

GS

IMPINGEMENT
. JET IMPINGEMENT

RT

ABLATION
ATTENUATION
CAVITATION FLOW
CORROSION
EROSION
GAS-SOLID INTERACTIONS
IMPACT
INCIDENCE
REFLECTION
SCATTERING

- IMPLANTATION**
 GS **IMPLANTATION**
 . HEART IMPLANTATION
 . ION IMPLANTATION
 RT GRAFTING
 INJECTION
 INSERTION
- IMPLANTED ELECTRODES (BIOLOGY)**
 GS BIOENGINEERING
 . BIOINSTRUMENTATION
 . **IMPLANTED ELECTRODES (BIOLOGY)**
 ELECTRODES
 . **IMPLANTED ELECTRODES (BIOLOGY)**
 RT ∞ BIOLOGY
- IMPLICATION**
 RT INFERENCE
- IMPLOSIONS**
 RT BURSTS
 EXPLOSIONS
 EXPLOSIVE DECOMPRESSION
 PROPELLANT EXPLOSIONS
 SHOCK WAVES
- IMPREGNATING**
 RT CHEMICAL ATTACK
 COATINGS
 FINISHES
 INSERTION
 LUBRICATION
 PERMEATING
 POROSITY
 PRESERVING
 SELF LUBRICATING MATERIALS
 SELF LUBRICATION
- IMPROVED TIROS OPERATIONAL SATELLITES**
 USE ITOS SATELLITES
- IMPROVEMENT**
 RT CORRECTION
 PUBLIC RELATIONS
 UPGRADING
- IMPULSE GENERATORS**
 RT ∞ GENERATORS
 PULSE GENERATORS
 TURBINES
- IMPULSES**
 RT HIGH IMPULSE
 SPECIFIC IMPULSE
- IMPURITIES**
 RT CONTAMINANTS
 CRYSTAL DEFECTS
 DIRT
 HETEROGENEITY
 INCLUSIONS
 POINT DEFECTS
 PSEUDOPOTENTIALS
 QUALITY
 TRACE CONTAMINANTS
 ULTRAPURE METALS
 WASTES
- IMS**
 USE INTERNATIONAL MAGNETOSPHERIC STUDY
- IN SITU MEASUREMENT**
 RT ATMOSPHERIC COMPOSITION
 ATMOSPHERIC SOUNDING
 BALLOON SOUNDING
 GROUND TRUTH
 ∞ MEASUREMENT
 OPTICAL MEASUREMENT
 POLLUTION MONITORING
 REMOTE SENSING
 ROCKET SOUNDING
 TEMPERATURE MEASUREMENT
- IN-FLIGHT MONITORING**
 RT CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 FLIGHT CONTROL
 FLIGHT TESTS
 MONITORS
 TELEMETRY
- IN-FLIGHT STARTING**
 USE AIR START
- INACTIVATION**
 USE DEACTIVATION
- INCANDESCENCE**
 GS EMISSION
 . LIGHT EMISSION
 . **INCANDESCENCE**
 RT BRIGHTNESS
 COLOR
 EMISSIVITY
 ILLUMINATORS
 LIGHT (VISIBLE RADIATION)
 LUMINESCENCE
 LUMINOSITY
 LUMINOUS INTENSITY
 RADIANCE
 SPECTRAL EMISSION
 THERMAL EMISSION
- INCENDIARY AMMUNITION**
 GS AMMUNITION
 . **INCENDIARY AMMUNITION**
 RT BOMBS (ORDNANCE)
 COMBUSTION
 EXOTHERMIC REACTIONS
 GRENADES
 GUNS (ORDNANCE)
 IGNITERS
 MISSILES
 PROJECTILES
 PROPELLANTS
 PYROTECHNICS
 ∞ ROCKETS
- INCENTIVE TECHNIQUES**
 RT COST INCENTIVES
 COST REDUCTION
 EFFICIENCY
 MANAGEMENT
 VALUE ENGINEERING
- INCENTIVES**
 GS **INCENTIVES**
 . CONTRACT INCENTIVES
 RT INCOME
 MANAGEMENT
 MANAGEMENT METHODS
 MOTIVATION
 PERSONNEL
- INCIDENCE**
 GS **INCIDENCE**
 . GRAZING INCIDENCE
 RT ANGLES (GEOMETRY)
 IMPINGEMENT
- INCIDENT RADIATION**
 RT BISTATIC REFLECTIVITY
 CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 OBLIQUENESS
 OPTICAL REFLECTION
 PHOTON BEAMS
 ∞ RADIATION
 REFLECTED WAVES
 REFRACTED WAVES
 RETROREFLECTION
 SCATTERING
 STOKES LAW OF RADIATION
 WAVE INCIDENCE CONTROL
- INCINERATION**
 USE INCINERATORS
- INCINERATORS**
 UF INCINERATION
 RT BURNERS
 FURNACES
 WASTE DISPOSAL
 WASTE ENERGY UTILIZATION
- ∞ INCLINATION**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT GEOMAGNETISM
 MAGNETIC EQUATOR
 ORBITS
 SLOPES
 TENDENCIES
- INCLUSIONS**
 GS DEFECTS
 . **INCLUSIONS**
- INCLUSIONS--(cont.)**
 RT CASTING
 CASTINGS
 CLATHRATES
 HETEROGENEITY
 IMPURITIES
 METALLOGRAPHY
 VOIDS
- INCOHERENCE**
 RT DISCONTINUITY
 NONSYNCHRONIZATION
- INCOHERENT SCATTER RADAR**
 GS RADAR
 . **INCOHERENT SCATTER RADAR**
 . . EISCAT RADAR SYSTEM (EUROPE)
 RT INCOHERENT SCATTERING
 RADAR SCATTERING
- INCOHERENT SCATTERING**
 GS SCATTERING
 . **INCOHERENT SCATTERING**
 RT COHERENT SCATTERING
 EISCAT RADAR SYSTEM (EUROPE)
 ELECTROMAGNETIC RADIATION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 INCOHERENT SCATTER RADAR
 NUCLEAR SCATTERING
 RADAR SCATTERING
- INCOME**
 RT BUDGETING
 ECONOMICS
 INCENTIVES
- INCOMPATIBILITY**
 RT ABILITIES
 CORROSION
 HAZARDS
 ∞ INTERFERENCE
 SOLUBILITY
- INCOMPRESSIBILITY**
 RT COMPRESSIBILITY
 FLUID MECHANICS
- INCOMPRESSIBLE BOUNDARY LAYER**
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- GS COMMUNICATING
- ... INFORMATION DISSEMINATION
- ... MESSAGES
- ... SELECTIVE DISSEMINATION OF INFORMATION
- RT BIBLIOGRAPHIES
- CATALOGS (PUBLICATIONS)
- DOCUMENTATION
- EXTRATERRESTRIAL COMMUNICATION
- INDEXES (DOCUMENTATION)
- INFORMATION TRANSFER
- INTEGRATED LIBRARY SYSTEMS
- LIBRARIES
- PRIVACY
- REPORTS
- SUMMARIES

INFORMATION FLOW

- RT AEROSPACE TECHNOLOGY TRANSFER
- COMMUNICATING
- COMMUNICATION
- ∞FLOW
- INFORMATION TRANSFER
- MANAGEMENT
- MESSAGE PROCESSING
- SELECTIVE DISSEMINATION OF INFORMATION
- TECHNOLOGY TRANSFER

INFORMATION MANAGEMENT

- GS MANAGEMENT
- ... INFORMATION MANAGEMENT
- ... RECORDS MANAGEMENT
- RT COMMUNICATING
- COMMUNICATION
- DATA BASE MANAGEMENT SYSTEMS
- DATA RETRIEVAL
- DATA STORAGE
- INFORMATION TRANSFER
- INTEGRATED LIBRARY SYSTEMS
- TECHNOLOGY TRANSFER

INFORMATION PROCESSING (BIOLOGY)

- RT ARTIFICIAL INTELLIGENCE
- BIOELECTRICITY
- BRAIN
- COGNITION
- COGNITIVE PSYCHOLOGY
- ELECTROPHYSIOLOGY
- HUMAN PERFORMANCE
- NEUROPHYSIOLOGY
- PERCEPTION
- PSYCHOPHYSIOLOGY

INFORMATION RETRIEVAL

- GS RETRIEVAL
- ... INFORMATION RETRIEVAL
- RT ABSTRACTS
- BIBLIOGRAPHIES
- CD-ROM
- COMMAND LANGUAGES
- COMPUTERS
- DATA PROCESSING
- DATA RETRIEVAL
- DOCUMENTATION
- DOCUMENTS
- INDEXES (DOCUMENTATION)
- INFORMATION TRANSFER
- INTEGRATED LIBRARY SYSTEMS
- INTERSERVICE DATA EXCHANGE PROGRAM
- LIBRARIES
- MANAGEMENT INFORMATION SYSTEMS
- NUMERICAL DATA BASES
- ON-LINE SYSTEMS
- QUERY LANGUAGES
- SEARCH PROFILES
- SELECTIVE DISSEMINATION OF INFORMATION
- SPACE GLOSSARIES
- STARSITE PROGRAM
- SUBJECTS
- THESAURI

INFORMATION SYSTEMS

- GS INFORMATION SYSTEMS
- ... ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
- ... EARTH RESOURCES INFORMATION SYSTEM
- ... GEOGRAPHIC INFORMATION SYSTEMS
- ... INFORMATION ADAPTIVE SYSTEM
- ... INTEGRATED LIBRARY SYSTEMS

INFORMATION SYSTEMS--(cont.)

- ... MANAGEMENT INFORMATION SYSTEMS
- RT ... NUMERICAL DATA BASES
- CD-ROM
- EARTH OBSERVING SYSTEM (EOS)
- INFORMATION TRANSFER
- LIBRARIES
- MANAGEMENT SYSTEMS
- MULTIMEDIA
- ON-LINE SYSTEMS
- RECORDS MANAGEMENT
- SELECTIVE DISSEMINATION OF INFORMATION
- ∞SYSTEMS
- SYSTEMS MANAGEMENT

INFORMATION THEORY

- UF SHANNON INFORMATION THEORY
- RT ∞APPLICATIONS OF MATHEMATICS
- AUTOMATA THEORY
- ∞AUTOMATION
- BCH CODES
- CODING
- COMBINATORIAL ANALYSIS
- COMMUNICATION THEORY
- COMPUTERS
- CORRECTION
- CORRELATION
- CRYPTOGRAPHY
- CYBERNETICS
- DATA PROCESSING
- DATA TRANSMISSION
- DECISION THEORY
- ERGODIC PROCESS
- ERROR DETECTION CODES
- FOURIER ANALYSIS
- GAME THEORY
- ∞LOGIC
- MACHINE TRANSLATION
- MANAGEMENT INFORMATION SYSTEMS
- ∞MATHEMATICS
- MAXIMUM ENTROPY METHOD
- MESSAGES
- ∞NOISE
- OPERATIONS RESEARCH
- PARITY
- PETRI NETS
- PHASE SHIFT KEYING
- PROBABILITY THEORY
- QUANTUM AMPLIFIERS
- RANDOM PROCESSES
- REDUNDANCY
- SHANNON-WIENER MEASURE
- STATISTICAL ANALYSIS
- ∞STATISTICS
- STOCHASTIC PROCESSES
- SYSTEMS ENGINEERING
- TELECOMMUNICATION
- TERMS
- ∞THEORIES

INFORMATION TRANSFER

- RT INFORMATION DISSEMINATION
- INFORMATION FLOW
- INFORMATION MANAGEMENT
- INFORMATION RETRIEVAL
- INFORMATION SYSTEMS
- INTERNATIONAL COOPERATION
- TECHNOLOGY TRANSFER
- TECHNOLOGY UTILIZATION

INFORMATION TRANSMISSION

- USE DATA TRANSMISSION

INFRARED ABSORPTION

- GS ENERGY ABSORPTION
- ... RADIATION ABSORPTION
- ... ELECTROMAGNETIC ABSORPTION
- ... INFRARED ABSORPTION
- RT ∞ABSORPTION
- ATMOSPHERIC ATTENUATION
- ATMOSPHERIC OPTICS
- INFRARED RADIATION
- LIGHT SCATTERING
- OPTICAL PROPERTIES
- THERMAL EMISSION
- TRANSMITTANCE
- WAVE ATTENUATION

INFRARED ASTRONOMY

- GS ASTRONOMY
- ... INFRARED ASTRONOMY
- RT ASTRONOMICAL PHOTOGRAPHY
- BLAZARS

INFRARED ASTRONOMY--(cont.)

INFRARED ASTRONOMY SATELLITE
 INFRARED CIRRUS (ASTRONOMY)
 INFRARED PHOTOMETRY
 INFRARED SOURCES (ASTRONOMY)
 INFRARED SPACE OBSERVATORY (ISO)
 KUIPER AIRBORNE OBSERVATORY
 LARGE DEPLOYABLE REFLECTOR
 SPACE INFRARED TELESCOPE FACILITY

INFRARED ASTRONOMY SATELLITE

UF IRAS
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **INFRARED ASTRONOMY SATELLITE**
 RT GEOSYNCHRONOUS ORBITS
 INFRARED ASTRONOMY
 INFRARED SOURCES (ASTRONOMY)
 IRAS-ARAKI-ALCOCK COMET
 NETHERLANDS SPACE PROGRAM
 UK SATELLITES

INFRARED CIRRUS (ASTRONOMY)

RT ∞ CLOUDS
 COSMIC DUST
 GALACTIC RADIATION
 INFRARED ASTRONOMY
 INFRARED RADIATION
 INFRARED SOURCES (ASTRONOMY)
 INTERSTELLAR MATTER
 MOLECULAR CLOUDS

INFRARED DETECTORS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 **INFRARED DETECTORS**
 INFRARED RADIOMETERS
 . . INFRARED INSTRUMENTS
 . . . **INFRARED DETECTORS**
 FLIR DETECTORS
 INFRARED RADIOMETERS
 RT BOLOMETERS
 ∞ DETECTORS
 ELECTROMAGNETIC MEASUREMENT
 FOCAL PLANE DEVICES
 FOREST FIRE DETECTION
 INFRARED SIGNATURES
 MERCURY CADMIUM TELLURIDES
 X RAY DETECTORS

INFRARED FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . OPTICAL FILTERS
 . . **INFRARED FILTERS**
 RT ELECTRIC FILTERS
 ULTRAVIOLET FILTERS

INFRARED HORIZON SCANNERS

USE HORIZON SCANNERS
 INFRARED SCANNERS

INFRARED IMAGERY

GS IMAGERY
 . **INFRARED IMAGERY**
 PHOTOGRAPHY
 . **INFRARED IMAGERY**
 RT COLOR INFRARED PHOTOGRAPHY
 LUNAR EQUATOR
 THERMOGRAPHY
 X RAY IMAGERY

INFRARED INSPECTION

GS INSPECTION
 . **INFRARED INSPECTION**
 RT NONDESTRUCTIVE TESTS
 QUALITY CONTROL

INFRARED INSTRUMENTS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . **INFRARED INSTRUMENTS**
 . . . INFRARED DETECTORS
 FLIR DETECTORS
 INFRARED RADIOMETERS
 INFRARED SCANNERS
 . . . INFRARED SPECTROMETERS
 . . INFRARED SPECTROPHOTOMETERS
 RT ADVANCED VERY HIGH RESOLUTION
 RADIOMETER
 FOREST FIRE DETECTION

INFRARED INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . . **INFRARED INTERFEROMETERS**
 RT ASTRONOMICAL INTERFEROMETRY
 INTERFEROMETRY
 OPTICAL EQUIPMENT
 OPTICAL MEASUREMENT
 OPTICAL MEASURING INSTRUMENTS
 SPECKLE INTERFEROMETRY

INFRARED LASERS

UF INFRARED MASERS
 IR LASERS
 IRASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **INFRARED LASERS**
 RT ARGON LASERS
 CARBON DIOXIDE LASERS
 CARBON LASERS
 CARBON MONOXIDE LASERS
 CHEMICAL LASERS
 DYE LASERS
 GAS LASERS
 HF LASERS
 LIQUID LASERS
 ORGANIC LASERS
 SOLID STATE LASERS
 WAVEGUIDE LASERS
 YLF LASERS

INFRARED MASERS

USE INFRARED LASERS

INFRARED PHOTOGRAPHY

GS IMAGERY
 . **INFRARED PHOTOGRAPHY**
 . . COLOR INFRARED PHOTOGRAPHY
 PHOTOGRAPHY
 . MULTISPECTRAL PHOTOGRAPHY
 . . **INFRARED PHOTOGRAPHY**
 . . . COLOR INFRARED PHOTOGRAPHY
 RT AERIAL PHOTOGRAPHY
 ASTRONOMICAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 CINEMATOGRAPHY
 FAINT OBJECT CAMERA
 FOREST FIRE DETECTION
 GEOGRAPHIC INFORMATION SYSTEMS
 ICE MAPPING
 LUNAR PHOTOGRAPHY
 METEOROLOGICAL SATELLITES
 METEOSAT SATELLITE
 MULTISPECTRAL BAND CAMERAS
 NIMBUS SATELLITES
 RADIOMETERS
 SATELLITE-BORNE PHOTOGRAPHY
 TIMBER INVENTORY
 ULTRAVIOLET PHOTOGRAPHY

INFRARED PHOTOMETRY

GS OPTICAL MEASUREMENT
 . PHOTOMETRY
 . . **INFRARED PHOTOMETRY**
 RT ASTRONOMICAL PHOTOMETRY
 INFRARED ASTRONOMY
 INFRARED SPECTRA
 NEAR INFRARED RADIATION
 STELLAR SPECTROPHOTOMETRY

INFRARED RADAR

GS RADAR
 . **INFRARED RADAR**
 RT FLIR DETECTORS
 RADAR IMAGERY

INFRARED RADIATION

GS ELECTROMAGNETIC RADIATION
 . **INFRARED RADIATION**
 . . FAR INFRARED RADIATION
 . . NEAR INFRARED RADIATION
 RT BEAMS (RADIATION)
 BLACK BODY RADIATION
 COHERENT ELECTROMAGNETIC
 RADIATION
 ENERGY ABSORPTION
 EVAPOROGRAPHY
 EXHAUST EMISSION
 HEAT
 INFRARED ABSORPTION
 INFRARED CIRRUS (ASTRONOMY)
 INFRARED SIGNATURES
 INFRARED SOURCES (ASTRONOMY)
 LIGHT (VISIBLE RADIATION)

INFRARED RADIATION--(cont.)

MICROWAVES
 MONOCHROMATIC RADIATION
 PLANETARY RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 ∞ RADIATION
 SEYFERT GALAXIES
 SOLAR RADIATION
 SUNLIGHT
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 WAVELENGTHS
 XENON LAMPS

INFRARED RADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 INFRARED DETECTORS
 **INFRARED RADIOMETERS**
 . . INFRARED INSTRUMENTS
 . . . INFRARED DETECTORS
 **INFRARED RADIOMETERS**
 RT AERIAL RECONNAISSANCE
 ATMOSPHERIC CORRECTION
 DATA ACQUISITION
 EARTH RESOURCES PROGRAM
 ENVIRONMENTAL MONITORING
 FOREST FIRE DETECTION
 PRESSURE MODULATOR RADIOMETERS
 RADIOMETRIC CORRECTION
 SATELLITE-BORNE INSTRUMENTS
 THERMAL MAPPING
 VISIBLE INFRARED SPIN SCAN
 RADIOMETER

INFRARED REFLECTION

GS REFLECTION
 . **INFRARED REFLECTION**
 RT OPTICAL REFLECTION
 RADIATIVE HEAT TRANSFER
 RADIO ECHOES
 SPREAD REFLECTION
 ULTRAVIOLET REFLECTION

INFRARED SCANNERS

UF INFRARED HORIZON SCANNERS
 GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 **INFRARED SCANNERS**
 . . INFRARED INSTRUMENTS
 . . . **INFRARED SCANNERS**
 SCANNERS
 . **INFRARED SCANNERS**
 RT FOREST FIRE DETECTION
 HORIZON SCANNERS
 MULTISPECTRAL BAND SCANNERS
 OPTICAL EQUIPMENT
 SCANNER PROJECT
 THERMAL MAPPING

INFRARED SIGNATURES

GS SIGNATURES
 . **INFRARED SIGNATURES**
 RT INFRARED DETECTORS
 INFRARED RADIATION
 INFRARED SPECTRA
 SIGNATURE ANALYSIS

INFRARED SOURCES (ASTRONOMY)

GS CELESTIAL BODIES
 . **INFRARED SOURCES (ASTRONOMY)**
 . . INFRARED STARS
 RT ASTRONOMY
 HERBIG-HARO OBJECTS
 INFRARED ASTRONOMY
 INFRARED ASTRONOMY SATELLITE
 INFRARED CIRRUS (ASTRONOMY)
 INFRARED RADIATION

INFRARED SPACE OBSERVATORY (ISO)

GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . . **INFRARED SPACE OBSERVATORY**
 (ISO)
 ESA SPACECRAFT
 . ESA SATELLITES
 . . **INFRARED SPACE OBSERVATORY**
 (ISO)
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES

INFRARED SPACE OBSERVATORY (ISO)--(cont.)

- .. ASTRONOMICAL SATELLITES
- .. **INFRARED SPACE OBSERVATORY (ISO)**
- TELESCOPES
- .. SPACEBORNE TELESCOPES
- .. **INFRARED SPACE OBSERVATORY (ISO)**
- RT EUROPEAN SPACE PROGRAMS
- INFRARED ASTRONOMY
- SPACEBORNE ASTRONOMY

INFRARED SPECTRA

- GS SPECTRA
- .. RADIATION SPECTRA
- .. ELECTROMAGNETIC SPECTRA
- .. **INFRARED SPECTRA**
- RT ∞ ABSORPTION
- EMISSION SPECTRA
- INFRARED PHOTOMETRY
- INFRARED SIGNATURES
- LINE SPECTRA
- MICROWAVE SPECTRA
- MOLECULAR SPECTRA
- SOLAR SPECTRA
- STELLAR SPECTRA

INFRARED SPECTROMETERS

- GS MEASURING INSTRUMENTS
- .. OPTICAL MEASURING INSTRUMENTS
- .. **INFRARED SPECTROMETERS**
- .. FILTER WHEEL INFRARED SPECTROMETERS
- .. RADIATION MEASURING INSTRUMENTS
- .. ACTINOMETERS
- .. **INFRARED SPECTROMETERS**
- .. INFRARED INSTRUMENTS
- .. **INFRARED SPECTROMETERS**
- .. SPECTROMETERS
- .. **INFRARED SPECTROMETERS**
- .. FILTER WHEEL INFRARED SPECTROMETERS
- .. OPTICAL EQUIPMENT
- .. OPTICAL MEASURING INSTRUMENTS
- .. **INFRARED SPECTROMETERS**
- .. FILTER WHEEL INFRARED SPECTROMETERS
- RT EBERT SPECTROMETERS
- SOLAR SPECTROMETERS

INFRARED SPECTROPHOTOMETERS

- GS MEASURING INSTRUMENTS
- .. OPTICAL MEASURING INSTRUMENTS
- .. SPECTROPHOTOMETERS
- .. **INFRARED SPECTROPHOTOMETERS**
- .. RADIATION MEASURING INSTRUMENTS
- .. ACTINOMETERS
- .. SPECTROPHOTOMETERS
- .. **INFRARED SPECTROPHOTOMETERS**
- .. INFRARED INSTRUMENTS
- .. **INFRARED SPECTROPHOTOMETERS**
- .. OPTICAL EQUIPMENT
- .. OPTICAL MEASURING INSTRUMENTS
- .. SPECTROPHOTOMETERS
- .. **INFRARED SPECTROPHOTOMETERS**
- RT CHEMICAL ANALYSIS
- FILTER WHEEL INFRARED SPECTROMETERS
- PHOTOMETERS

INFRARED SPECTROSCOPY

- GS SPECTROSCOPY
- .. **INFRARED SPECTROSCOPY**
- RT ABSORPTION SPECTROSCOPY
- ASTRONOMICAL SPECTROSCOPY
- CHEMICAL ANALYSIS
- ELECTRON SPECTROSCOPY
- LASER SPECTROMETERS
- MOLECULAR SPECTROSCOPY
- MOLECULAR STRUCTURE
- OPTOGALVANIC SPECTROSCOPY
- RAMAN SPECTROSCOPY
- SPECTROMETERS
- SPECTROSCOPIC ANALYSIS
- SULFUR HEXAFLUORIDE
- VACUUM SPECTROSCOPY

INFRARED STARS

- GS CELESTIAL BODIES
- .. INFRARED SOURCES (ASTRONOMY)
- .. **INFRARED STARS**
- .. STARS
- .. **INFRARED STARS**
- RT HERBIG-HARO OBJECTS

INFRARED SUPPRESSION

- RT AFTERBURNING
- AIRCRAFT DETECTION
- AIRCRAFT ENGINES
- COOLING SYSTEMS
- EXHAUST GASES
- EXHAUST NOZZLES
- HEAT SHIELDING
- JET ENGINES
- JET EXHAUST
- REACTION PRODUCTS
- SUPPRESSORS
- TEMPERATURE CONTROL

INFRARED TELESCOPES

- GS TELESCOPES
- .. **INFRARED TELESCOPES**
- .. LARGE DEPLOYABLE REFLECTOR
- .. SPACE INFRARED TELESCOPE FACILITY
- RT ASTRONOMY
- ASTROPLANE

INFRARED TRACKING

- GS TRACKING (POSITION)
- .. **INFRARED TRACKING**
- RT ANTIMISSILE MISSILES
- COMPENSATORY TRACKING
- HOMING DEVICES
- MISSILE TRACKING
- OPTICAL TRACKING
- PURSUIT TRACKING
- RADIOMETERS

INFRARED WINDOWS

- RT APERTURES
- LASERS
- OPTICAL MATERIALS
- ∞ WINDOWS

INFRASONIC FREQUENCIES

- GS FREQUENCIES
- .. **INFRASONIC FREQUENCIES**
- RT ACOUSTICS

 ∞ **INGESTION**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT INGESTION (BIOLOGY)
- INGESTION (ENGINES)

INGESTION (BIOLOGY)

- GS **INGESTION (BIOLOGY)**
- .. DRINKING
- .. EATING
- .. GRAZING
- RT ∞ INGESTION
- SWALLOWING

INGESTION (ENGINES)

- RT ENGINE FAILURE
- ∞ INGESTION

INGOTS

- GS CASTINGS
- .. **INGOTS**
- RT BILLETS
- CASTING
- MOLDS
- SOLIDIFICATION

INGREDIENTS

- RT ADMIXTURES
- ∞ COMPONENTS
- ∞ COMPOSITION
- CONTENT
- FORMULATIONS
- MIXTURES

INGRESS (SPACECRAFT PASSAGEWAY)

- RT AIR LOCKS
- DOORS
- EGRESS
- HATCHES
- OPENINGS

INHABITANTS

- GS COMMUNITIES
- .. **INHABITANTS**
- .. MOUNTAIN INHABITANTS
- RT ABORIGINES
- CITIES
- DEMOGRAPHY

INHABITANTS--(cont.)

- PERSONNEL
- RESIDENTIAL AREAS

INHALATION

- USE RESPIRATION

 ∞ **INHIBITION**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ATTENUATION
- CORROSION PREVENTION
- DETACHMENT
- DISABILITIES
- DITHERS
- FRUSTRATION
- INHIBITION (PSYCHOLOGY)
- INHIBITORS
- INTROVERSION
- LETHARGY
- PASSIVITY
- PREVENTION
- ∞ REDUCTION
- STOPPING

INHIBITION (PSYCHOLOGY)

- RT CONDITIONING (LEARNING)
- ∞ INHIBITION

INHIBITORS

- GS **INHIBITORS**
- .. WEAR INHIBITORS
- RT ADDITIVES
- ANTIDOTES
- ANTIFOULING
- ANTIICING ADDITIVES
- ANTIOXIDANTS
- CASE BONDED PROPELLANTS
- CATALYSTS
- COATINGS
- CORROSION PREVENTION
- ∞ INHIBITION
- NEUTRALIZERS
- PACKAGING
- PASSIVITY
- PROPELLANT ADDITIVES
- PROPELLANT DECOMPOSITION
- PROPELLANT STORABILITY
- RETARDANTS
- SILENCERS
- SOLID PROPELLANT IGNITION
- SOLID PROPELLANTS
- SUPPRESSORS

INHOMOGENEITY

- UF NONHOMOGENEITY
- RT DEFECTS
- HETEROGENEITY
- NONUNIFORMITY

INHOUR EQUATION

- RT ∞ EQUATIONS
- NUCLEAR REACTIONS
- NUCLEAR REACTORS
- REACTIVITY
- REACTOR PHYSICS

INITIAL VALUE PROBLEMS

- USE BOUNDARY VALUE PROBLEMS

INITIATION

- RT ACTIVATION
- ACTUATION
- DETONATION
- ∞ GENERATION
- ∞ INDUCTION
- INOCULATION
- NUCLEATION
- ∞ PRIMING
- REACTOR STARTUP TESTS
- STARTING
- STIMULATION

 ∞ **INITIATORS**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CATALYSTS
- INITIATORS (EXPLOSIVES)
- STYPHNATES

INITIATORS (EXPLOSIVES)

- UF ELECTROEXPLOSIVE DEVICES

INITIATORS (EXPLOSIVES)--(cont.)

- GS EXPLOSIVE DEVICES
 - . INITIATORS (EXPLOSIVES)
 - . BOOSTERS (EXPLOSIVES)
 - . CAPS (EXPLOSIVES)
 - . DETONATORS
 - . EXPLODING WIRES
 - . PRIMERS (EXPLOSIVES)
- IGNITERS
- . INITIATORS (EXPLOSIVES)
- . BOOSTERS (EXPLOSIVES)
- . CAPS (EXPLOSIVES)
- . DETONATORS
- . EXPLODING WIRES
- . PRIMERS (EXPLOSIVES)
- RT FUSES (ORDNANCE)
 - ∞ INITIATORS
- PYROTECHNICS
- STYPHNATES

INJECTION

- GS **INJECTION**
 - . CARRIER INJECTION
 - . FLUID INJECTION
 - . GAS INJECTION
 - . LIQUID INJECTION
 - . . . DEEP WELL INJECTION (WASTES)
 - . . . WATER INJECTION
 - . FUEL INJECTION
 - . ION INJECTION
 - . SECONDARY INJECTION
 - . TRANSEARTH INJECTION
 - . TRANSLUNAR INJECTION
- RT BARRITT DIODES
- BLOWING
- BOUNDARY LAYER SEPARATION
- ∞ CHARGING
- FEEDING (SUPPLYING)
- FILLING
- FLUID FLOW
- IMPLANTATION
- INJECTORS
- INPUT
- PERFORMING
- SUPPLYING

INJECTION CARBURETORS

- USE CARBURETORS
- FUEL INJECTION

INJECTION GUIDANCE

- GS GUIDANCE (MOTION)
 - . **INJECTION GUIDANCE**
- RT ASCENT TRAJECTORIES
- CELESTIAL NAVIGATION
- COMMAND GUIDANCE
- INERTIAL GUIDANCE
- MIDCOURSE GUIDANCE
- RENDEZVOUS GUIDANCE
- SATELLITE GUIDANCE
- SPACECRAFT GUIDANCE
- TRANSEARTH INJECTION
- TRANSLUNAR INJECTION

INJECTION LASERS

- GS STIMULATED EMISSION DEVICES
 - . LASERS
 - . . **INJECTION LASERS**
- RT ALUMINUM GALLIUM ARSENIDE LASERS
- GALLIUM ARSENIDE LASERS
- GALLIUM ARSENIDES
- INJECTION LOCKING
- SEMICONDUCTOR LASERS

INJECTION LOCKING

- RT CARRIER INJECTION
- INJECTION LASERS
- LASER MODE LOCKING

INJECTION MOLDING

- GS FORMING TECHNIQUES
 - . **INJECTION MOLDING**
- RT CERAMICS
- DIES
- EXTRUDING
- MELTING
- MOLDING MATERIALS
- MOLDS
- PLASTICS
- RESIN TRANSFER MOLDING

INJECTORS

- GS **INJECTORS**
 - . VORTEX INJECTORS
- RT BLOWERS

INJECTORS--(cont.)

- CARBURETORS
- EJECTORS
- FEEDERS
- FUEL INJECTION
- FUEL SYSTEMS
- INJECTION
- JET FLOW
- JET MIXING FLOW
- ∞ JET NOZZLES
- ∞ JETS
- NOZZLE FLOW
- ∞ NOZZLES
- ORIFICES
- PUMPS
- SPRAY NOZZLES

INJUN EXPLORER

- USE EXPLORER 25 SATELLITE

INJUN SATELLITES

- GS ARTIFICIAL SATELLITES
 - . **INJUN SATELLITES**
 - . . EXPLORER 25 SATELLITE
 - . . INJUN 1 SATELLITE
 - . . INJUN 3 SATELLITE
 - . . INJUN 4 SATELLITE

INJUN 1 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . INJUN SATELLITES
 - . . **INJUN 1 SATELLITE**

INJUN 3 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . INJUN SATELLITES
 - . . **INJUN 3 SATELLITE**

INJUN 4 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . INJUN SATELLITES
 - . . **INJUN 4 SATELLITE**

INJUN 5 SATELLITE

- USE EXPLORER 40 SATELLITE

INJURIES

- GS **INJURIES**
 - . BACK INJURIES
 - . BAROTRAUMA
 - . BRAIN DAMAGE
 - . BURNS (INJURIES)
 - . CRASH INJURIES
 - . EJECTION INJURIES
 - . FROSTBITE
 - . LESIONS
 - . . PULMONARY LESIONS
 - . NOISE INJURIES
 - . PARACHUTING INJURY
 - . PARALYSIS
 - . RADIATION INJURIES
 - . WHIPLASH INJURIES
- RT ACCIDENTS
 - ∞ BLISTERS
 - CHEMICAL DEFENSE
 - DAMAGE
 - DEATH
 - DIAGNOSIS
 - FOREIGN BODIES
 - HAZARDS
 - HEMORRHAGES
 - IMPAIRMENT
 - SABOTAGE
 - VETERINARY MEDICINE
 - WOUND HEALING

INKS

- RT DRAWINGS
- GRAPHIC ARTS
- PIGMENTS
- PRINTING

INLAND WATERS

- GS WATER
 - . **INLAND WATERS**
 - . . GROUND WATER
- RT GREAT LAKES (NORTH AMERICA)
- GREAT SALT LAKE (UT)
- LAKES
- RIVERS
- SPRINGS (WATER)
- WATER POLLUTION
- WATER RESOURCES
- WATER RUNOFF

INLET AIRFRAME CONFIGURATIONS

- GS INTAKE SYSTEMS
 - . AIR INTAKES
 - . . **INLET AIRFRAME CONFIGURATIONS**
- RT BYPASS RATIO
- ENGINE INLETS
- FLOW GEOMETRY
- HYPERSONIC INLETS
- INLET FLOW
- INLET NOZZLES
- NOSE INLETS
- SIDE INLETS
- SUPERSONIC INLETS

INLET FLOW

- GS FLUID FLOW
 - . **INLET FLOW**
- RT BYPASS RATIO
- CHOKED FLOW
- ∞ DIFFUSERS
- DUMP COMBUSTORS
- FLOW GEOMETRY
- FLUID INJECTION
- HEAD FLOW
- INLET AIRFRAME CONFIGURATIONS
- INTAKE SYSTEMS
- ∞ PRESSURE DROP
- SUPERSONIC INLETS
- VORTEX GENERATORS

INLET NOZZLES

- RT AIR INTAKES
- ANNULAR NOZZLES
- BYPASS RATIO
- CONICAL NOZZLES
- ∞ DIFFUSERS
- ENGINE INLETS
- EXHAUST NOZZLES
- INLET AIRFRAME CONFIGURATIONS
- INTAKE SYSTEMS
- INTERNAL COMPRESSION INLETS
- ∞ NOZZLES
- OPENINGS
- PIPE NOZZLES

INLET PRESSURE

- GS PRESSURE
 - . **INLET PRESSURE**
- RT PRESSURE GRADIENTS
- PRESSURE RECOVERY
- STAGNATION PRESSURE
- WATER PRESSURE

INLET TEMPERATURE

- GS TEMPERATURE
 - . **INLET TEMPERATURE**
- RT AIR INTAKES
- ENGINE INLETS
- FUEL SYSTEMS
- GAS TEMPERATURE
- INTAKE SYSTEMS

INLETS (DEVICES)

- USE INTAKE SYSTEMS

INLETS (TOPOGRAPHY)

- GS LANDFORMS
 - . **INLETS (TOPOGRAPHY)**
 - . . BAYOUS
 - . . COOK INLET (AK)
- RT BAYS (TOPOGRAPHIC FEATURES)
- DELAWARE BAY (US)
- FJORDS
- GULFS
- LAGOONS
- PERSIAN GULF
- SAGINAW BAY (MI)
- SOUNDS (TOPOGRAPHIC FEATURES)

INLIERS (LANDFORMS)

- GS LANDFORMS
 - . **INLIERS (LANDFORMS)**
- RT EROSION
- GEOLOGICAL FAULTS
- GEOLOGY
- PETROGRAPHY
- PETROLOGY
- ROCK INTRUSIONS
- ROCKS
- STRUCTURAL PROPERTIES (GEOLOGY)

INNER RADIATION BELT

- GS ENVIRONMENTS
 - . **INNER RADIATION BELT**
- PARTICLES

INNER RADIATION BELT--(cont.)

- . CHARGED PARTICLES
- . MAGNETICALLY TRAPPED PARTICLES
- . . . RADIATION BELTS
- . . . **INNER RADIATION BELT**
- . . . TRAPPED PARTICLES
- . . . MAGNETICALLY TRAPPED PARTICLES
- . . . RADIATION BELTS
- . . . **INNER RADIATION BELT**
- RT ARTIFICIAL RADIATION BELTS
- OUTER RADIATION BELT
- PROTON BELTS
- ∞ RADIATION
- SINGLE EVENT UPSETS

INOCULATION

- UF SEEDING (INOCULATION)
- RT CRYSTAL GROWTH
- CRYSTALLIZATION
- IMMUNITY
- INITIATION
- NUCLEATION
- VACCINES

INOCULUM

- GS SERUMS
- . **INOCULUM**
- VACCINES
- . **INOCULUM**
- RT ANTIBODIES
- ANTIGENS
- PHYSIOLOGICAL DEFENSES

INORGANIC CHEMISTRY

- RT ANALYTICAL CHEMISTRY
- ∞ CHEMISTRY

INORGANIC COATINGS

- GS COATINGS
- . **INORGANIC COATINGS**
- . . . ANODIC COATINGS
- . . . CERAMIC COATINGS
- RT ANTIRADAR COATINGS
- PROTECTIVE COATINGS

INORGANIC COMPOUNDS

- GS **INORGANIC COMPOUNDS**
- . AMMONIA
- . . . LIQUID AMMONIA
- RT ACIDS
- ∞ BASES
- ∞ CHEMICAL COMPOUNDS
- FLAME RETARDANTS
- INTERMETALLICS
- MOLTEN SALTS
- ∞ SALTS

∞ INORGANIC MATERIALS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED CONSULT THE TERMS LISTED BELOW)*
- RT ∞ MATERIALS
- NONFLAMMABLE MATERIALS
- REFRACTORY MATERIALS
- THERMOCHROMATIC MATERIALS
- VITREOUS MATERIALS

INORGANIC NITRATES

- GS NITROGEN COMPOUNDS
- . NITRATES
- . . . **INORGANIC NITRATES**
- . . . AMMONIUM NITRATES
- . . . HYDRAZINE NITRATE
- . . . POTASSIUM NITRATES
- . . . SILVER NITRATES
- . . . SODIUM NITRATES

INORGANIC PEROXIDES

- UF SUPEROXIDES
- GS CHALCOGENIDES
- . OXIDES
- . . . ANHYDRIDES
- . . . PEROXIDES
- . . . **INORGANIC PEROXIDES**
- RT ORGANIC PEROXIDES

INORGANIC SULFIDES

- GS CHALCOGENIDES
- . SULFIDES
- . . . **INORGANIC SULFIDES**
- . . . BARIUM SULFIDES
- . . . BISMUTH SULFIDES
- . . . CADMIUM SULFIDES
- . . . CALCIUM SULFIDES

INORGANIC SULFIDES--(cont.)

- . . . COPPER SULFIDES
- . . . ENARGITE
- . . . HYDROGEN SULFIDE
- . . . INDIUM SULFIDES
- . . . LEAD SULFIDES
- . . . MOLYBDENUM SULFIDES
- . . . MOLYBDENUM DISULFIDES
- . . . POLYSULFIDES
- . . . STRONTIUM SULFIDES
- . . . ZINC SULFIDES
- . . . WURTZITE
- . . . ZINCBLLENDE
- SULFUR COMPOUNDS
- . SULFIDES
- . . . **INORGANIC SULFIDES**
- . . . BARIUM SULFIDES
- . . . BISMUTH SULFIDES
- . . . CADMIUM SULFIDES
- . . . CALCIUM SULFIDES
- . . . COPPER SULFIDES
- . . . ENARGITE
- . . . HYDROGEN SULFIDE
- . . . INDIUM SULFIDES
- . . . LEAD SULFIDES
- . . . MOLYBDENUM SULFIDES
- . . . MOLYBDENUM DISULFIDES
- . . . POLYSULFIDES
- . . . STRONTIUM SULFIDES
- . . . ZINC SULFIDES
- . . . WURTZITE
- . . . ZINCBLLENDE

INOSITOLS

- GS ORGANIC COMPOUNDS
- . CARBOHYDRATES
- . . . SUGARS
- . . . **INOSITOLS**

INPUT

- RT ACCUMULATIONS
- COLLECTION
- FEEDING (SUPPLYING)
- FILLING
- INJECTION
- ∞ LOADING
- OUTPUT
- READING
- REPLENISHMENT
- SUPPLYING

INPUT/OUTPUT ROUTINES

- GS COMPUTER PROGRAMS
- . COMPUTER SYSTEMS PROGRAMS
- . . . **INPUT/OUTPUT ROUTINES**
- RT DISK OPERATING SYSTEM (DOS)
- OPERATING SYSTEMS (COMPUTERS)
- RANDOM ACCESS
- ∞ ROUTINES

INSAT SATELLITES

- USE INDIAN SPACECRAFT

INSECT DAMAGE

- USE INFESTATION

INSECTICIDES

- GS POISONS
- . PESTICIDES
- . . . **INSECTICIDES**
- . . . DIELDRIN
- RT ENDRIN
- ENTOMOLOGY
- TOXICOLOGY

INSECTS

- GS ANIMALS
- . INVERTEBRATES
- . . . ARTHROPODS
- . . . **INSECTS**
- . . . BEES
- . . . BOLLWORMS
- . . . CHIRONOMUS FLIES
- . . . COCKROACHES
- . . . COLEOPTERA
- . . . BEETLES
- . . . TRIBOLIA
- . . . BOLL WEEVILS
- . . . CRICKETS
- . . . DROSOPHILA
- . . . FIREFLIES
- . . . GRASSHOPPERS
- . . . LOCUSTS
- . . . MOTHS
- . . . SILKWORMS

INSECTS--(cont.)

- RT ENTOMOLOGY
- INFESTATION
- LARVAE
- PUPA

INSENSITIVITY

- USE SENSITIVITY

INSERTION

- GS **INSERTION**
- . ORBIT INSERTION
- RT COLLATING
- EMBEDDING
- GRAFTING
- IMPLANTATION
- IMPREGNATING
- INSERTS
- NETWORK ANALYSIS
- TRANSMISSION LOSS

INSERTION LOSS

- RT ENERGY DISSIPATION
- LOSSES
- TRANSMISSION LOSS

INSERTS

- GS **INSERTS**
- . NOZZLE INSERTS
- RT ACCESSORIES
- BUSHINGS
- FASTENERS
- FITTINGS
- INSERTION
- LININGS
- SPACERS
- SPOOLS
- WASHERS (SPACERS)

INSHORE ZONES

- USE BEACHES

INSOLATION

- RT GREENHOUSE EFFECT
- METEOROLOGY
- SOLAR HEATING
- SOLAR RADIATION
- SUNLIGHT

INSOMNIA

- GS SLEEP
- . **INSOMNIA**
- RT SLEEP DEPRIVATION

INSPECTION

- GS **INSPECTION**
- . INFRARED INSPECTION
- . . . X RAY INSPECTION
- RT ACCEPTABILITY
- CHECKOUT
- CHEMICAL TESTS
- CONSTRUCTION
- DETECTION
- ENDOSCOPES
- EVALUATION
- EXAMINATION
- IDENTIFYING
- NONDESTRUCTIVE TESTS
- PERFORMANCE TESTS
- QUALITY CONTROL
- SAMPLING
- SPECIFICATIONS
- STANDARDS
- STATIC TESTS
- STATISTICAL ANALYSIS
- SURVEILLANCE
- TOLERANCES (MECHANICS)
- ULTRASONIC FLAW DETECTION

INSPECTOR SATELLITE

- GS ARTIFICIAL SATELLITES
- . **INSPECTOR SATELLITE**
- MILITARY SPACECRAFT
- . RECONNAISSANCE SPACECRAFT
- . . . **INSPECTOR SATELLITE**

INSPIRATION

- RT INTELLECT
- MENTAL PERFORMANCE
- PSYCHOLOGY

INSTABILITY

- USE STABILITY

INSTALLATION

USE INSTALLING

INSTALLATION MANUALS

GS DOCUMENTS
 . MANUALS
 . . **INSTALLATION MANUALS**

INSTALLING

UF INSTALLATION
 RT ASSEMBLING
 CONSTRUCTION
 LOOK ANGLES (ELECTRONICS)
 MAINTENANCE
 RELOCATION
 REPLACING
 RETROFITTING

INSTANTONS

GS FIELD THEORY (PHYSICS)
 . QUANTUM CHROMODYNAMICS
 . . **INSTANTONS**
 RT ELEMENTARY PARTICLES
 PLASMA PHYSICS
 QUARKS

INSTITUTIONS

GS **INSTITUTIONS**
 . BUREAUS (ORGANIZATIONS)
 RT FEDERATIONS
 TEAMS

INSTRUCTION SETS (COMPUTERS)

RT ALPHANUMERIC CHARACTERS
 BOOLEAN ALGEBRA
 COMPUTER PROGRAMS
 MATHEMATICAL LOGIC

INSTRUCTIONS

USE EDUCATION

INSTRUCTORS

UF TEACHERS
 GS PERSONNEL
 . **INSTRUCTORS**
 RT EDUCATION
 LEARNING
 SCHOOLS
 STUDENTS
 TRAINING EVALUATION
 UNIVERSITIES

INSTRUMENT APPROACH

GS APPROACH
 . **INSTRUMENT APPROACH**
 RT AIRCRAFT APPROACH SPACING
 AIRCRAFT INSTRUMENTS
 APPROACH CONTROL
 APPROACH INDICATORS
 BLIND LANDING
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 GLIDE PATHS
 LANDING AIDS
 LANDING RADAR
 NIGHT FLIGHTS (AIRCRAFT)

INSTRUMENT COMPENSATION

GS **INSTRUMENT COMPENSATION**
 . TEMPERATURE COMPENSATION
 RT ADAPTIVE OPTICS
 CALIBRATING
 ∞ COMPENSATION
 ERROR CORRECTING DEVICES

INSTRUMENT DRIFT

USE DRIFT (INSTRUMENTATION)

INSTRUMENT ERRORS

GS ERRORS
 . **INSTRUMENT ERRORS**
 RT BIAS
 BORESIGHT ERROR
 CALIBRATING
 DRIFT (INSTRUMENTATION)
 LINEARITY
 OPTICAL CORRECTION PROCEDURE
 SPECTRAL SENSITIVITY

INSTRUMENT FLIGHT RULES

UF IFR (RULES)
 GS RULES
 . FLIGHT RULES
 . . **INSTRUMENT FLIGHT RULES**

INSTRUMENT FLIGHT RULES--(cont.)

RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 APPROACH CONTROL
 BEACONS
 BLIND LANDING
 FLIGHT CONDITIONS
 FLIGHT INSTRUMENTS
 FLIGHT PLANS
 LANDING
 LOW VISIBILITY

INSTRUMENT LANDING SYSTEMS

UF ILS (LANDING SYSTEMS)
 GS LANDING AIDS
 . **INSTRUMENT LANDING SYSTEMS**
 . . ALL-WEATHER LANDING SYSTEMS
 . . AUTOMATIC LANDING CONTROL
 RT AIR TRAFFIC CONTROL
 AIRCRAFT GUIDANCE
 AIRCRAFT INSTRUMENTS
 AIRCRAFT LANDING
 AIRPORTS
 APPROACH CONTROL
 APPROACH INDICATORS
 BLIND LANDING
 DISPLAY DEVICES
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 GLIDE PATHS
 GROUND BASED CONTROL
 ∞ INSTRUMENTS
 LANDING
 LANDING INSTRUMENTS
 NIGHT FLIGHTS (AIRCRAFT)
 RADAR
 RADAR APPROACH CONTROL
 RADIO ALTIMETERS
 RADIO BEACONS
 ∞ SYSTEMS
 TRACKING (POSITION)

INSTRUMENT ORIENTATION

RT ALIGNMENT
 ATTITUDE (INCLINATION)
 BEARING (DIRECTION)
 DIRECTIVITY
 LOOK ANGLES (ELECTRONICS)
 ∞ ORIENTATION
 POSITIONING

INSTRUMENT PACKAGES

GS PACKAGES
 . **INSTRUMENT PACKAGES**
 . . APOLLO LUNAR SURFACE
 . . . EXPERIMENTS PACKAGE
 . . . EASEP
 . . . EREP
 RT AMPS (SATELLITE PAYLOAD)
 AUTOMATIC WEATHER STATIONS
 DATA COLLECTION PLATFORMS
 LOCAL SCIENTIFIC SURVEY MODULE
 MODULES
 MOLECULAR SHIELDS
 OCEAN DATA ACQUISITIONS SYSTEMS
 ORBITING FROG OTOLITH
 PAYLOAD ASSIST MODULE
 PAYLOADS
 SATELLITE-BORNE INSTRUMENTS
 SIM
 SPACECRAFT INSTRUMENTS
 WEATHER STATIONS

INSTRUMENT RECEIVERS

RT CONTROLLERS
 ∞ DETECTORS
 DISPLAY DEVICES
 INDICATING INSTRUMENTS
 ∞ INSTRUMENTS
 ISOTROPIC TURBULENCE
 MEASURING INSTRUMENTS
 RECEIVERS
 RECORDING INSTRUMENTS
 TRANSDUCERS

INSTRUMENT TRANSFORMERS

GS TRANSFORMERS
 . **INSTRUMENT TRANSFORMERS**
 RT ∞ CONVERTERS
 RESOLVERS

INSTRUMENT TRANSMITTERS

GS TRANSMITTERS
 . **INSTRUMENT TRANSMITTERS**
 RT CONTROLLERS

INSTRUMENT TRANSMITTERS--(cont.)

∞ INSTRUMENTS
 MEASURING INSTRUMENTS
 RECORDING INSTRUMENTS
 TRANSDUCERS

INSTRUMENTAL ANALYSIS

USE ANALYZING
 AUTOMATION

INSTRUMENTATION

USE INSTRUMENTS

∞ **INSTRUMENTS**

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF INSTRUMENTATION
 RT ACTUATORS
 ADVANCED RANGE INSTRUMENTATION
 SHIP
 AIRCRAFT INSTRUMENTS
 APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE
 AUTOMATIC CONTROL
 BIOINSTRUMENTATION
 BUBBLE TECHNIQUE
 CONTROLLERS
 DENSIMETERS
 DISPLAY DEVICES
 DRAG FORCE ANEMOMETERS
 EASEP
 EREP
 FLIGHT INSTRUMENTS
 FORCE VECTOR RECORDERS
 HAPLOSOPES
 HELIOSTATS
 HELMET MOUNTED DISPLAYS
 INDICATING INSTRUMENTS
 INSTRUMENT LANDING SYSTEMS
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 LASER ALTIMETERS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 MICROWAVE SENSORS
 MONITORS
 NAVIGATION INSTRUMENTS
 OCULOMETERS
 PACKAGES
 PROPELLANT ACTUATED INSTRUMENTS
 RECORDING INSTRUMENTS
 REMOTE CONTROL
 ROCKET-BORNE INSTRUMENTS
 SATELLITE INSTRUMENTS
 SATELLITE-BORNE INSTRUMENTS
 SCATTEROMETERS
 SIM
 SODAR
 SOUND DETECTING AND RANGING
 SPACECRAFT INSTRUMENTS
 SURGICAL INSTRUMENTS
 TRANSDUCERS
 TRANSMITTERS
 TURBINE INSTRUMENTS
 ULTRASONIC DENSIMETERS

∞ **INSULATED STRUCTURES**

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DIELECTRICS
 ELECTRICAL INSULATION
 HEAT RADIATORS
 HEAT SHIELDING
 HYPERSONIC VEHICLES
 INSULATION
 RADIATION SHIELDING
 REENTRY SHIELDING
 REENTRY VEHICLES
 SPACECRAFT SHIELDING

INSULATING MATERIALS

USE INSULATION

INSULATION

SN (MATERIAL)
 UF INSULATING MATERIALS
 GS **INSULATION**
 . ELECTRICAL INSULATION
 . MULTILAYER INSULATION
 . THERMAL INSULATION
 RT ABSORBERS (MATERIALS)
 ASBESTOS
 CEILINGS (ARCHITECTURE)

INSULATION--(cont.)

COMPOSITE MATERIALS
CONCRETES
∞ CONSTRUCTION MATERIALS
DAMPING
HONEYCOMB STRUCTURES
∞ INSULATED STRUCTURES
INSULATORS
INTERLAYERS
ISOLATION
ISOLATORS
JACKETS
LINING PROCESSES
LININGS
∞ MATERIALS
MICARTA
OXIDES
POTTING COMPOUNDS
PROTECTION
SUPPRESSORS
VERMICULITE
WATERPROOFING

INSULATORS

SN (EXCLUDES THERMAL
INSULATION--LIMITED TO DEVICES
COMPOSED OF ELECTRICALLY
INSULATIVE MATERIALS)
RT ATTENUATORS
DIELECTRICS
ELECTRIC CONDUCTORS
ELECTRICAL INSULATION
INSULATION
TRANSMISSION LINES

INSULIN

GS DRUGS
. INSULIN
SECRETIONS
. ENDOCRINE SECRETIONS
. INSULIN
RT DIABETES MELLITUS

INSURANCE (CONTRACTS)

GS CONTRACTS
. INSURANCE (CONTRACTS)
RT AGREEMENTS
AIR LAW
AIRCRAFT ACCIDENT INVESTIGATION
AIRCRAFT ACCIDENTS
ASSURANCE
ECONOMIC FACTORS
EXTENSIONS
GRANTS
LEGAL LIABILITY
PUBLIC LAW
SPACE COMMERCIALIZATION
SPACE LAW

INTAKE SYSTEMS

UF INDUCTION SYSTEMS
INLETS (DEVICES)
GS INTAKE SYSTEMS
. AIR INTAKES
. ENGINE INLETS
. HYPERSONIC INLETS
. INLET AIRFRAME CONFIGURATIONS
. SUPERSONIC INLETS
. CONICAL INLETS
. HELICAL INDUCERS
. INTERNAL COMPRESSION INLETS
. NOSE INLETS
. SIDE INLETS
RT AERODYNAMIC CONFIGURATIONS
ANNULAR DUCTS
BYPASS RATIO
COOLING SYSTEMS
DUCT GEOMETRY
DUCTED BODIES
DUCTS
ENTRANCES
EXHAUST SYSTEMS
FEED SYSTEMS
FEEDERS
FUEL SYSTEMS
INLET FLOW
INLET NOZZLES
INLET TEMPERATURE
MANIFOLDS
OPENINGS
PIPE NOZZLES
PLENUM CHAMBERS
RAMPS (STRUCTURES)
SCOOPS
∞ SYSTEMS

INTAKE SYSTEMS--(cont.)

∞ WATER INTAKES

INTASAT SATELLITE

GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. ENVIRONMENTAL RESEARCH
SATELLITES
. INTASAT SATELLITE
RT EARTH IONOSPHERE
LOWER ATMOSPHERE
MAGNETIC FIELDS
TROPOSPHERE

**INTEG MED AND BEHAVIORAL LAB MEASUR
SYSTEM**

USE IMBLMS

INTEG PROGRAM FOR AEROSPACE VEH DESIGN

USE IPAD

INTEGERS

GS NUMBER THEORY
. INTEGERS
REAL NUMBERS
. INTEGERS
RT ARITHMETIC
COMPLEX NUMBERS
CONGRUENCES
DIGITS
∞ NUMBERS

INTEGRAL CALCULUS

GS ANALYSIS (MATHEMATICS)
. CALCULUS
. INTEGRAL CALCULUS
. REAL VARIABLES
. MEASURE AND INTEGRATION
. INTEGRAL CALCULUS
RT AREA
DIFFERENTIAL CALCULUS
INTEGRALS
J INTEGRAL
NUMERICAL INTEGRATION
OPERATIONAL CALCULUS

INTEGRAL EQUATIONS

UF INTEGRODIFFERENTIAL EQUATIONS
GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. INTEGRAL EQUATIONS
. FREDHOLM EQUATIONS
. J INTEGRAL
. SINGULAR INTEGRAL EQUATIONS
. VOLTERRA EQUATIONS
. WIENER HOPF EQUATIONS
RT ASYMPTOTIC PROPERTIES
CALCULUS OF VARIATIONS
DIFFERENTIAL EQUATIONS
DISTRIBUTED PARAMETER SYSTEMS
∞ EQUATIONS
MELLIN TRANSFORMS
METHOD OF MOMENTS
NONLINEAR EQUATIONS
PERCUS METHOD
RANGE (EXTREMES)
SCHMIDT METHOD
TRANSPORT THEORY

INTEGRAL FUNCTIONS

USE ENTIRE FUNCTIONS

INTEGRAL ROCKET RAMJETS

GS ENGINES
. AIR BREATHING ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. RAMJET ENGINES
. INTEGRAL ROCKET RAMJETS
. INTERNAL COMBUSTION ENGINES
. GAS TURBINE ENGINES
. JET ENGINES
. RAMJET ENGINES
. INTEGRAL ROCKET RAMJETS
RT SOLID PROPELLANT ROCKET ENGINES
TURBINE ENGINES

INTEGRAL TRANSFORMATIONS

UF TRANSFORM INTEGRALS
GS ANALYSIS (MATHEMATICS)
. FUNCTIONAL ANALYSIS
. INTEGRAL TRANSFORMATIONS
. FOURIER TRANSFORMATION
. HILBERT TRANSFORMATION

INTEGRAL TRANSFORMATIONS--(cont.)

. LAPLACE TRANSFORMATION
TRANSFORMATIONS (MATHEMATICS)
. INTEGRAL TRANSFORMATIONS
. FOURIER TRANSFORMATION
. FAST FOURIER TRANSFORMATIONS
. FOURIER-BESSEL TRANSFORMATIONS
. HILBERT TRANSFORMATION
. LAPLACE TRANSFORMATION
RT CONVOLUTION INTEGRALS
LIGHTHILL METHOD
OPERATORS (MATHEMATICS)

INTEGRALS

GS INTEGRALS
. CONVOLUTION INTEGRALS
RT DIFFERENTIAL EQUATIONS
FUNCTIONALS
INTEGRAL CALCULUS
∞ MATHEMATICS

INTEGRATED CIRCUITS

UF MONOLITHIC CIRCUITS
GS CIRCUITS
. INTEGRATED CIRCUITS
. APPLICATION SPECIFIC INTEGRATED
CIRCUITS
. DTL INTEGRATED CIRCUITS
. ENCAPSULATED MICROCIRCUITS
. LARGE SCALE INTEGRATION
. LINEAR INTEGRATED CIRCUITS
. MEDIUM SCALE INTEGRATION
. TTL INTEGRATED CIRCUITS
. VERY LARGE SCALE INTEGRATION
. VHSIC (CIRCUITS)
RT BURN-IN
CHARGE FLOW DEVICES
CHIPS (ELECTRONICS)
CHIPS (MEMORY DEVICES)
ELECTRONIC PACKAGING
INTEGRATED OPTICS
ION IMPLANTATION
LATCH-UP
MICROCHANNEL PLATES
MICROMINIATURIZATION
MICROPROCESSORS
MICROSTRIP DEVICES
MOLECULAR ELECTRONICS
OPTOELECTRONIC DEVICES
PHOTOMASKS
PRINTED CIRCUITS
THICK FILMS
THIN FILMS
TRANSISTOR CIRCUITS

INTEGRATED ENERGY SYSTEMS

RT COMMUNITIES
ELECTRIC POWER PLANTS
ENERGY CONVERSION
ENERGY DISTRIBUTION
HEATING
∞ SYSTEMS
TOTAL ENERGY SYSTEMS
UTILITIES

**INTEGRATED GLOBAL OCEAN STATION
SYSTEMS**

UF IGOS
RT DATA COLLECTION PLATFORMS
GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
GROUND STATIONS
INTERNATIONAL COOPERATION
OCEANOGRAPHIC PARAMETERS
∞ SYSTEMS
WEATHER STATIONS

INTEGRATED LIBRARY SYSTEMS

GS INFORMATION SYSTEMS
. INTEGRATED LIBRARY SYSTEMS
RT INFORMATION DISSEMINATION
INFORMATION MANAGEMENT
INFORMATION RETRIEVAL
LIBRARIES
ON-LINE SYSTEMS

INTEGRATED MANEUVERING LIFE SUPPORT SYS

USE IMLSS

INTEGRATED MISSION CONTROL CENTER

UF IMCC (CONTROL CENTER)
GS STATIONS
. GROUND STATIONS
. INTEGRATED MISSION CONTROL
CENTER

INTEGRATED MISSION CONTROL CENTER--(cont.)

RT ∞ CONTROL
GEMINI PROJECT
GROUND BASED CONTROL
REAL TIME OPERATION

INTEGRATED OPTICS

RT ELECTRO-OPTICS
INTEGRATED CIRCUITS
LANGMUIR-BLODGETT FILMS
LENSES
LIGHT TRANSMISSION
MONOMOLECULAR FILMS
OPTICAL BISTABILITY
OPTICAL SWITCHING
OPTICAL WAVEGUIDES
∞ OPTICS
OPTOELECTRONIC DEVICES
THIN FILMS

INTEGRATION (REAL VARIABLES)

USE MEASURE AND INTEGRATION

INTEGRATORS

GS **INTEGRATORS**
. DIGITAL INTEGRATORS
RT CIRCUITS
DIFFERENTIATORS
∞ NETWORKS
SOLIONS

INTEGRITY

GS **INTEGRITY**
. COMPUTER PROGRAM INTEGRITY
RT COMPLETENESS
PRIVACY
SECURITY
VULNERABILITY

INTEGRODIFFERENTIAL EQUATIONS

USE DIFFERENTIAL EQUATIONS
INTEGRAL EQUATIONS

INTEL 8080 MICROPROCESSOR

GS DATA PROCESSING EQUIPMENT
. MICROPROCESSORS
. **INTEL 8080 MICROPROCESSOR**
RT COMPUTERS

INTELLECT

GS INTELLIGENCE
. **INTELLECT**
RT ARTIFICIAL INTELLIGENCE
INSPIRATION
MENTAL PERFORMANCE
PSYCHOLOGY

INTELLIGENCE

GS **INTELLIGENCE**
. ARTIFICIAL INTELLIGENCE
. EXPERT SYSTEMS
. EXTRATERRESTRIAL INTELLIGENCE
. INTELLECT
RT COGNITIVE PSYCHOLOGY
INTELLIGENCE TESTS
MENTAL HEALTH
MENTAL PERFORMANCE

INTELLIGENCE TESTS

RT HUMAN PERFORMANCE
INTELLIGENCE
MENTAL PERFORMANCE
PERSONALITY TESTS
PERSONNEL SELECTION
PSYCHOLOGICAL TESTS
∞ TESTS

INTELLIGENT STRUCTURES

USE SMART STRUCTURES

INTELLIGIBILITY

GS **INTELLIGIBILITY**
. SPEECH RECOGNITION
RT AMBIGUITY
∞ COHERENCE
COMMUNICATION THEORY
∞ INTERPRETATION
MESSAGES
ORTHOGRAPHY
PHONEMICS
PHONETICS
PSYCHOLINGUISTICS
SCRAMBLING (COMMUNICATION)

INTELSAT SATELLITES

GS ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. **INTELSAT SATELLITES**

INTENSIFICATION

USE AMPLIFICATION

INTENSIFIER TUBES

USE IMAGE INTENSIFIERS

INTENSIFIERS

GS **INTENSIFIERS**
. IMAGE INTENSIFIERS
. IMAGE ORTHICONS
RT AMPLIFIERS

∞ INTENSITY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AMPLITUDES
BRIGHTNESS
FLUX (RATE)
FLUX DENSITY
LEVEL (QUANTITY)
LOUDNESS
LUMINANCE
LUMINOUS INTENSITY
MAGNITUDE
NOISE INTENSITY
RADIANCE
STELLAR MAGNITUDE

INTERACTING GALAXIES

UF GALAXY INTERACTION
GS CELESTIAL BODIES
. GALAXIES
. **INTERACTING GALAXIES**
RT GALACTIC STRUCTURE
∞ INTERACTIONS
RING GALAXIES
SHELL GALAXIES
STELLAR SYSTEMS

INTERACTIONAL AERODYNAMICS

GS FLUID MECHANICS
. FLUID DYNAMICS
. GAS DYNAMICS
. **INTERACTIONAL AERODYNAMICS**
RT AIRFOILS
COMPUTATIONAL FLUID DYNAMICS
∞ FLOW
LAMINAR BOUNDARY LAYER

∞ INTERACTIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR LAND INTERACTIONS
AIR SEA ICE INTERACTIONS
AIR WATER INTERACTIONS
ATOMIC COLLISIONS
ATOMIC INTERACTIONS
BEAM INTERACTIONS
BLADE-VORTEX INTERACTION
CONFIGURATION INTERACTION
ELECTROMAGNETIC INTERACTIONS
ELECTRON PHONON INTERACTIONS
ELEMENTARY PARTICLE INTERACTIONS
FLUID-SOLID INTERACTIONS
GAS-GAS INTERACTIONS
GAS-ION INTERACTIONS
GAS-LIQUID INTERACTIONS
GAS-METAL INTERACTIONS
GAS-SOLID INTERACTIONS
HIGH ENERGY INTERACTIONS
INTERACTING GALAXIES
ION ATOM INTERACTIONS
LASER PLASMA INTERACTIONS
LASER TARGET INTERACTIONS
MAN ENVIRONMENT INTERACTIONS
MESON-MESON INTERACTIONS
MESON-NUCLEON INTERACTIONS
MOLECULAR COLLISIONS
MOLECULAR INTERACTIONS
NUCLEAR CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR REACTIONS
NUCLEON-NUCLEON INTERACTIONS
PARTICLE INTERACTIONS
PARTICLE THEORY
PHOTON-ELECTRON INTERACTION
PLASMA INTERACTION EXPERIMENT
PLASMA INTERACTIONS

INTERACTIONS--(cont.)

PLASMA-ELECTROMAGNETIC
INTERACTION
PLASMA-PARTICLE INTERACTIONS
PROTON-PROTON REACTIONS
SHOCK WAVE INTERACTION
SOLAR TERRESTRIAL INTERACTIONS
SOUND-SOUND INTERACTIONS
SPIN-ORBIT INTERACTIONS
STRONG INTERACTIONS (FIELD
THEORY)
WAVE INTERACTION
WEAK ENERGY INTERACTIONS
WEAK INTERACTIONS (FIELD THEORY)

INTERACTIVE CONTROL

RT ACTIVE CONTROL
∞ CONTROL
CONTROL THEORY
NUMERICAL CONTROL

INTERACTIVE GRAPHICS

USE COMPUTER GRAPHICS

INTERACTIVE MULTIMEDIA

USE MULTIMEDIA

INTERATOMIC FORCES

RT ATOMIC STRUCTURE
VAN DER WAALS FORCES

INTERCALATION

GS STRATIFICATION
. **INTERCALATION**
RT ∞ CHEMICAL COMPOUNDS
GRAPHITE
INTERLAYERS
∞ LAYERS

INTERCEPTION

RT RENDEZVOUS
SPACECRAFT DOCKING

INTERCEPTOR AIRCRAFT

USE FIGHTER AIRCRAFT

∞ INTERCEPTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FIGHTER AIRCRAFT
SATELLITE INTERCEPTORS
YF-12 AIRCRAFT

INTERCONNECTION

USE JOINING

INTERCONTINENTAL BALLISTIC MISSILES

UF ICBM (MISSILES)
GS MISSILES
. BALLISTIC MISSILES
. **INTERCONTINENTAL BALLISTIC
MISSILES**
. . . ATLAS ICBM
. . . ATLAS D ICBM
. . . ATLAS E ICBM
. . . ATLAS F ICBM
. . . MINUTEMAN ICBM
. . . TITAN ICBM
. . . TITAN 1 ICBM
. . . TITAN 2 ICBM
. SURFACE TO SURFACE MISSILES
. **INTERCONTINENTAL BALLISTIC
MISSILES**
. . . ATLAS ICBM
. . . ATLAS D ICBM
. . . ATLAS E ICBM
. . . ATLAS F ICBM
. . . MINUTEMAN ICBM
. . . MX MISSILE
. . . TITAN ICBM
. . . TITAN 1 ICBM
. . . TITAN 2 ICBM
RT FLEET BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC
MISSILES
MARK 1 REENTRY BODY
MARK 2 REENTRY BODY
MARK 3 REENTRY BODY
MARK 4 REENTRY BODY
MARK 5 REENTRY BODY
MARK 6 REENTRY BODY
MARK 11 REENTRY BODY
MARK 12 REENTRY BODY

INTERCONTINENTAL BALLISTIC MISSILES--(cont.)

MARK 17 REENTRY BODY
TRANSOCEANIC SYSTEMS

INTERCOSMOS SATELLITES

- GS ARTIFICIAL SATELLITES
 - . GEOPHYSICAL SATELLITES
 - . COSMOS SATELLITES
 - . . . INTERCOSMOS SATELLITES
 - . SOVIET SATELLITES
 - . COSMOS SATELLITES
 - . . . INTERCOSMOS SATELLITES

INTERCRANIAL CIRCULATION

- GS CIRCULATION
 - . BLOOD CIRCULATION
 - . . . INTERCRANIAL CIRCULATION
- RT CRANIUM
SKULL

INTERDIGITAL TRANSDUCERS

- GS TRANSDUCERS
 - . INTERDIGITAL TRANSDUCERS
- RT DIGITAL TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
PIEZOELECTRIC TRANSDUCERS
SURFACE ACOUSTIC WAVE DEVICES

INTERFACE STABILITY

- RT FLUID BOUNDARIES
GAS-SOLID INTERFACES
INTERFACES
LIQUID SLOSHING
LIQUID-LIQUID INTERFACES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
TAYLOR INSTABILITY
ULLAGE

INTERFACES

- GS INTERFACES
 - . FLUID BOUNDARIES
 - . GAS-SOLID INTERFACES
 - . JET BOUNDARIES
 - . LIQUID-LIQUID INTERFACES
 - . LIQUID-SOLID INTERFACES
 - . LIQUID-VAPOR INTERFACES
 - . SOLID-SOLID INTERFACES
- RT BOUNDARIES
COORDINATION
DATA PROCESSING EQUIPMENT
FREE BOUNDARIES
INTERFACE STABILITY
MANAGEMENT PLANNING
PROJECT MANAGEMENT
SURFACE PROPERTIES
SURFACE REACTIONS
∞ SURFACES
TELECOMMUNICATION

INTERFACIAL ENERGY

- RT ADHESION
ELECTRON ENERGY
∞ ENERGY
LIQUID-LIQUID INTERFACES
SHEAR STRENGTH
SURFACE ENERGY

INTERFACIAL STRAIN

- USE INTERFACIAL TENSION

INTERFACIAL TENSION

- UF INTERFACIAL STRAIN
SURFACE TENSION
- GS SURFACE PROPERTIES
. INTERFACIAL TENSION
- RT CAPILLARY WAVES
GAS-LIQUID INTERACTIONS
GIBBS ADSORPTION EQUATION
GLOBULES
LIQUID BRIDGES
LIQUID SURFACES
LIQUID-LIQUID INTERFACES
MARANGONI CONVECTION
MECHANICAL PROPERTIES
RIPPLES
SLIDING
SPREADING
SURFACE ENERGY
SURFACE STABILITY
∞ SURFACES
TENSILE STRESS
∞ TENSION
TRIBOLOGY
VAPOR PRESSURE

INTERFACIAL TENSION--(cont.)

WETTING

∞ INTERFERENCE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AERODYNAMIC INTERFERENCE
COHERENCE COEFFICIENT
CROSSTALK
DISRUPTING
ELECTROMAGNETIC COMPATIBILITY
ELECTROMAGNETIC INTERFERENCE
HUM
INCOMPATIBILITY
INTERFERENCE FACTOR TABLE
INTERFERENCE GRATING
INTERSYMBOLIC INTERFERENCE
JAMMING
NONSYNCHRONIZATION
RADIO FREQUENCY INTERFERENCE
RAMSAUER EFFECT
SUPPORT INTERFERENCE
WAVE DIFFRACTION
WAVE FRONT DEFORMATION

INTERFERENCE DRAG

- GS AERODYNAMIC CHARACTERISTICS
. INTERFERENCE DRAG
DYNAMIC CHARACTERISTICS
. DRAG
. . . PRESSURE DRAG
. . . WAVE DRAG
. . . . INTERFERENCE DRAG
- RT PROPELLER SLIPSTREAMS
SUPERSONIC DRAG
UPWASH

INTERFERENCE FACTOR TABLE

- GS TABLES (DATA)
. INTERFERENCE FACTOR TABLE
- RT ∞ INTERFERENCE
MODULATION
MULTICHANNEL COMMUNICATION

INTERFERENCE FIT

- GS JOINTS (JUNCTIONS)
. INTERFERENCE FIT
- RT AIRCRAFT STRUCTURES
FASTENERS
FATIGUE LIFE
FITTING
MECHANICAL PROPERTIES
STRESS ANALYSIS

INTERFERENCE GRATING

- RT FRINGE MULTIPLICATION
∞ GRATINGS
∞ INTERFERENCE
MOIRE EFFECTS
MOIRE FRINGES
RADIO-FILTERS
RADIO FREQUENCY INTERFERENCE

INTERFERENCE IMMUNITY

- RT ELECTROMAGNETIC INTERFERENCE
NOISE REDUCTION
RADIO FREQUENCY INTERFERENCE
SIGNAL PROCESSING
SIGNAL TO NOISE RATIOS

INTERFERENCE LIFT

- GS AERODYNAMIC CHARACTERISTICS
. LIFT
. . . INTERFERENCE LIFT
AERODYNAMIC FORCES
. LIFT
. . . INTERFERENCE LIFT
DISTRIBUTION (PROPERTY)
. INTERFERENCE LIFT
DYNAMIC CHARACTERISTICS
. LIFT
. . . INTERFERENCE LIFT
- RT UPWASH

INTERFERENCE MONOCHROMATIZATION

- USE DIFFRACTION
MONOCHROMATIZATION

INTERFEROGRAMS

- USE INTERFEROMETRY

INTERFEROMETERS

- GS MEASURING INSTRUMENTS

INTERFEROMETERS--(cont.)

- . INTERFEROMETERS
 - . . ETALONS
 - . . FABRY-PEROT INTERFEROMETERS
 - . . INFRARED INTERFEROMETERS
 - . . MACH-ZEHNDER INTERFEROMETERS
 - . . MICHELSON INTERFEROMETERS
 - . . MICROWAVE INTERFEROMETERS
 - . . PHASE SWITCHING
INTERFEROMETERS
 - . . RADIO INTERFEROMETERS
- RT ASTRONOMICAL INTERFEROMETRY
DIFFRACTOMETERS
FLATNESS
GONIOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOGONIOMETERS
RONCHI TEST
SAGNAC EFFECT
VERY LONG BASE INTERFEROMETRY

INTERFEROMETRY

- UF INTERFEROGRAMS
- GS INTERFEROMETRY
 - . ASTRONOMICAL INTERFEROMETRY
 - . DIFFERENTIAL INTERFEROMETRY
 - . HOLOGRAPHIC INTERFEROMETRY
 - . LASER INTERFEROMETRY
 - . MOIRE INTERFEROMETRY
 - . RONCHI TEST
 - . SPECKLE INTERFEROMETRY
 - . VERY LONG BASE INTERFEROMETRY
- RT DIFFRACTION PATTERNS
FRESNEL DIFFRACTION
FRESNEL REFLECTORS
INFRARED INTERFEROMETERS
ISOCROMATICS
NULL ZONES
PLASMA FLUX MEASUREMENT
SAGNAC EFFECT
SCATTER PLATES (OPTICS)

INTERFERON

- RT ACQUIRED IMMUNODEFICIENCY
SYNDROME
BACTERIOPHAGES
BIOCHEMISTRY
∞ BIOLOGY
HUMAN IMMUNODEFICIENCY VIRUS
PHYSIOLOGICAL DEFENSES
VIRUSES

INTERGALACTIC MEDIA

- UF EXTRAGALACTIC MEDIA
- GS MEDIA
. INTERGALACTIC MEDIA
- RT COOLING FLOWS (ASTROPHYSICS)
COSMIC DUST
COSMIC GASES
COSMIC PLASMA
DARK MATTER
GALACTIC HALOS
MASS DISTRIBUTION
STELLAR WINDS

INTERGRANULAR CORROSION

- GS CHEMICAL ATTACK
. INTERGRANULAR CORROSION
CORROSION
. INTERGRANULAR CORROSION
- RT GRAIN BOUNDARIES
STRESS CORROSION
TRANSGRANULAR CORROSION

INTERIM STAGES (SPACECRAFT)

- GS INTERIM STAGES (SPACECRAFT)
. INERTIAL UPPER STAGE
- RT MULTISTAGE ROCKET VEHICLES
RECOVERABLE SPACECRAFT
REUSABLE SPACECRAFT
SPACE SHUTTLES
STAGE SEPARATION

INTERIM UPPER STAGE (STS)

- USE INERTIAL UPPER STAGE

INTERIOR BALLISTICS

- GS BALLISTICS
. INTERIOR BALLISTICS
- RT PROPELLANT TESTS

INTERLACING DRAINAGE

- USE DRAINAGE PATTERNS

INTERLAMINAR STRESS

GS STRESSES
 . **INTERLAMINAR STRESS**
 RT COMPOSITE MATERIALS
 DELAMINATING
 INTERLAYERS
 LAMINATES
 SHEAR STRESS
 STRESS DISTRIBUTION
 STRESS-STRAIN RELATIONSHIPS

INTERLAYERS

GS **INTERLAYERS**
 . MULTILAYER INSULATION
 RT BARRIER LAYERS
 FABRICS
 INSULATION
 INTERCALATION
 INTERLAMINAR STRESS
 LAMINATES
 ∞ LAYERS
 PLY ORIENTATION
 SANDWICH STRUCTURES
 ∞ TRANSITION LAYERS

INTERLOCKING

USE LOCKING

INTERMEDIA

USE MULTIMEDIA

INTERMEDIATE FREQUENCIES

GS FREQUENCIES
 . **INTERMEDIATE FREQUENCIES**
 RT HIGH FREQUENCIES
 LOW FREQUENCIES
 RADIO FREQUENCIES

INTERMEDIATE FREQUENCY AMPLIFIERS

GS AMPLIFIERS
 . **INTERMEDIATE FREQUENCY AMPLIFIERS**
 RT BEAT FREQUENCIES
 CRYSTAL FILTERS
 HETERODYNING
 LOGARITHMIC RECEIVERS
 PREAMPLIFIERS
 RADIO RECEIVERS
 TRANSISTOR AMPLIFIERS

INTERMEDIATE RANGE BALLISTIC MISSILES

UF IRBM (MISSILES)
 GS MISSILES
 . BALLISTIC MISSILES
 . **INTERMEDIATE RANGE BALLISTIC MISSILES**
 . . . BLUE STREAK MISSILE
 . . . JUPITER MISSILE
 . . . POLARIS MISSILES
 . . . POLARIS A1 MISSILE
 . . . POLARIS A2 MISSILE
 . . . POLARIS A3 MISSILE
 . SURFACE TO SURFACE MISSILES
 . **INTERMEDIATE RANGE BALLISTIC MISSILES**
 . . . BLUE STREAK MISSILE
 . . . JUPITER MISSILE
 . . . POLARIS MISSILES
 . . . POLARIS A1 MISSILE
 . . . POLARIS A2 MISSILE
 . . . POLARIS A3 MISSILE
 RT FIELD ARMY BALLISTIC MISSILES
 FLEET BALLISTIC MISSILES
 INTERCONTINENTAL BALLISTIC MISSILES
 MARK 1 REENTRY BODY
 MARK 2 REENTRY BODY
 MARK 3 REENTRY BODY
 SHORT RANGE BALLISTIC MISSILES

INTERMETALLICS

SN (COMPOUNDS CONSISTING OF ONLY METALLIC ELEMENTS)
 UF ELECTRON COMPOUNDS
 RT ALLOYING
 ALLOYS
 ALUMINIDES
 AMMINES
 ARSENIDES
 BORIDES
 INDIUM GALLIUM ARSENIDES
 INORGANIC COMPOUNDS
 METALLOIDS
 METALS
 PHASE DIAGRAMS
 PHOTOELECTROMAGNETIC EFFECTS

INTERMETALLICS--(cont.)

SEMICONDUCTORS (MATERIALS)
 SILICIDES
 TELLURIDES

INTERMITTENCY

RT CYCLES
 PULSES
 RANDOM PROCESSES

INTERMITTENCY HYPOTHESIS

GS HYPOTHESES
 . **INTERMITTENCY HYPOTHESIS**
 RT PHOTOGRAPHIC RECORDING

INTERMODULATION

GS MODULATION
 . **INTERMODULATION**
 RT DEMODULATION
 DISCRIMINATORS
 FREQUENCY ANALYZERS
 FREQUENCY MODULATION
 REMODULATION
 SOUND-SOUND INTERACTIONS
 WAVE INTERACTION

INTERMOLECULAR FORCES

GS LEVEL (QUANTITY)
 . ENERGY LEVELS
 . . MOLECULAR ENERGY LEVELS
 . . . **INTERMOLECULAR FORCES**
 RT CONFIGURATION INTERACTION
 EXCIMERS
 LENNARD-JONES POTENTIAL
 MOLECULAR INTERACTIONS
 MOLECULAR STRUCTURE
 VAN DER WAALS FORCES
 VIRIAL COEFFICIENTS

INTERMONTANE FLOORS

USE VALLEYS

INTERNAL COMBUSTION ENGINES

SN (EXCLUDES ROCKET ENGINES)
 GS ENGINES
 . **INTERNAL COMBUSTION ENGINES**
 . . DIESEL ENGINES
 . . GAS TURBINE ENGINES
 . . . HYDROGEN ENGINES
 . . . JET ENGINES
 . . . RAMJET ENGINES
 . . . INTEGRAL ROCKET RAMJETS
 . . . LOW VOLUME RAMJET ENGINES
 . . . PULSEJET ENGINES
 . . . SUPERSONIC COMBUSTION RAMJET ENGINES
 . . . TURBORAMJET ENGINES
 . . . T-63 ENGINE
 . . . T-76 ENGINE
 . . . TURBOJET ENGINES
 . . . BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
 . . . BRISTOL-SIDDELEY VIPER ENGINE
 . . . DUCTED FAN ENGINES
 . . . J-33 ENGINE
 . . . J-34 ENGINE
 . . . J-47 ENGINE
 . . . J-52 ENGINE
 . . . J-57 ENGINE
 . . . J-57-P-20 ENGINE
 . . . J-65 ENGINE
 . . . J-69-T-25 ENGINE
 . . . J-71 ENGINE
 . . . J-73 ENGINE
 . . . J-75 ENGINE
 . . . J-79 ENGINE
 . . . J-85 ENGINE
 . . . J-93 ENGINE
 . . . RA-28 ENGINE
 . . . TURBOFAN ENGINES
 . . . BRISTOL-SIDDELEY BS 53 ENGINE
 . . . CF-700 ENGINE
 . . . CONVERTIBLE FAN-SHAFT ENGINES
 . . . J-97 ENGINE
 . . . TF-30 ENGINE
 . . . TF-41 ENGINE
 . . . TURBOPROP ENGINES
 . . . T-34 ENGINE
 . . . T-38 ENGINE
 . . . T-53 ENGINE
 . . . T-56 ENGINE
 . . . T-64 ENGINE

INTERNAL COMBUSTION ENGINES--(cont.)

. T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 . . . T-58 ENGINE
 . . . T-58-GE-8B ENGINE
 . . HELICOPTER ENGINES
 . . ROTARY ENGINES
 . . . WANKEL ENGINES
 RT AFTERBURNING
 AIRCRAFT ENGINES
 AUTOMOBILE ENGINES
 AUTOMOBILE FUELS
 ∞ BEARING
 BEARINGS
 BOOSTER ROCKET ENGINES
 CAMS
 CARBURETORS
 COMBUSTION
 COMBUSTION CHAMBERS
 DIESEL FUELS
 DISTRIBUTORS
 DUCTED ROCKET ENGINES
 ELECTRIC HYBRID VEHICLES
 ENGINE PARTS
 ENGINE PRIMERS
 ENGINE STARTERS
 EXHAUST SYSTEMS
 EXTERNAL COMBUSTION ENGINES
 FUEL CONSUMPTION
 FUEL INJECTION
 FUEL PUMPS
 FUEL SYSTEMS
 GAS TURBINES
 HYBRID PROPELLANT ROCKET ENGINES
 IGNITION SYSTEMS
 LIQUID PROPELLANT ROCKET ENGINES
 LUBRICATION SYSTEMS
 PISTON ENGINES
 PISTONS
 RETROCKET ENGINES
 ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 SPARK PLUGS
 SUPERCHARGERS
 SUSTAINER ROCKET ENGINES
 THERMODYNAMIC CYCLES
 THERMODYNAMIC EFFICIENCY
 TORPEDO ENGINES
 VERNIER ENGINES

INTERNAL COMPRESSION INLETS

GS INTAKE SYSTEMS
 . **INTERNAL COMPRESSION INLETS**
 RT AIR INTAKES
 COMPRESSING
 ENGINE INLETS
 INLET NOZZLES
 SUPERSONIC INLETS

INTERNAL CONVERSION

RT ∞ CONVERSION
 NUCLEAR REACTIONS

INTERNAL ENERGY

RT CHEMICAL ENERGY
 ∞ ENERGY
 FREE ENERGY
 GIBBS-HELMHOLTZ EQUATIONS
 KINETIC ENERGY
 ∞ LEVEL
 MOLECULAR ENERGY LEVELS
 PARTICLE ENERGY
 POTENTIAL ENERGY
 THERMAL ENERGY
 THERMODYNAMICS

INTERNAL FRICTION

GS FRICTION
 . **INTERNAL FRICTION**
 RT ANELASTICITY
 ATTENUATION
 COHESION
 DAMPING
 DENSITY (MASS/VOLUME)
 EDDY VISCOSITY
 HYSTERESIS
 MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 PLASTIC FLOW
 VISCOSITY

INTERNAL PRESSURE

- SN (LIMITED TO PRESSURE INSIDE A
PORTION OF MATTER DUE TO
ATTRACTION BETWEEN MOLECULES)
- GS PRESSURE
- RT . **INTERNAL PRESSURE**
ADHESION
COHESION
GAS PRESSURE
PARTIAL PRESSURE
PRESSURE DISTRIBUTION
SPREADING
TEMPERATURE INVERSIONS

INTERNAL STRESS

- USE RESIDUAL STRESS

INTERNAL WAVES

- GS **INTERNAL WAVES**
. PLANETARY WAVES
- RT SURFACE WAVES
∞ WAVES

INTERNATIONAL COMETARY EXPLORER

- USE INTERNATIONAL SUN EARTH EXPLORER
3

INTERNATIONAL COMPUTERS LIMITED

- USE ICL COMPUTERS

INTERNATIONAL COOPERATION

- GS FOREIGN POLICY
. INTERNATIONAL RELATIONS
. . . **INTERNATIONAL COOPERATION**
. . . OUTER SPACE TREATY
- RT A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
ANIK SATELLITES
ANIK 1
ANIK 2
ANIK 3
APOLLO SOYUZ TEST PROJECT
ARABSAT
ARCOMSAT
AZUR SATELLITE
CASSINI MISSION
CLUSTER MISSION
COMMITTEE ON SPACE RESEARCH
COMMUNICATIONS TECHNOLOGY
SATELLITE
CONVENTIONS
∞ COOPERATION
COSMOS 782 SATELLITE
COSMOS 936 SATELLITE
COSMOS 1129 SATELLITE
DISARMAMENT
EISCAT RADAR SYSTEM (EUROPE)
ESA SATELLITES
EUROPEAN AIRBUS
FEDERATIONS
FRENCH SPACE PROGRAM
INFORMATION TRANSFER
INTEGRATED GLOBAL OCEAN STATION
SYSTEMS
INTERNATIONAL HYDROLOGICAL
DECADE
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
NORTH ATLANTIC TREATY
ORGANIZATION (NATO)
ORBITING FROG OTOLITH
PALAPA SATELLITES
PALAPA 2 SATELLITE
PEACETIME
POLITICS
ROSAT MISSION
SEA LAW
SOHO MISSION
SOVEREIGNTY
SYMPHONIE SATELLITES
U.S.S.R. SPACE PROGRAM
UNITED NATIONS
USER REQUIREMENTS
VEGA PROJECT
WORLD METEOROLOGICAL
ORGANIZATION

INTERNATIONAL FIELD YEAR FOR GREAT LAKES

- RT CANADA
GREAT LAKES (NORTH AMERICA)
UNITED STATES

INTERNATIONAL GEOPHYSICAL YEAR

- UF IGY (GEOPHYSICAL YEAR)

INTERNATIONAL GEOPHYSICAL YEAR--(cont.)

- RT GEOPHYSICS
VANGUARD SATELLITES
WORLD DATA CENTERS

INTERNATIONAL GEOSPHERE-BIOSPHERE

- PROGRAM
- GS PROGRAMS
. **INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM**
- RT BIOGEOCHEMISTRY
BIOSPHERE
EARTH OBSERVATIONS (FROM SPACE)
GEOPHYSICS
MAN ENVIRONMENT INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS

INTERNATIONAL HYDROLOGICAL DECADE

- UF IHD (HYDROLOGICAL DECADE)
- RT CANADA
FOREIGN POLICY
HYDROLOGY
INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
PRECIPITATION (METEOROLOGY)
RIVER BASINS
STREAMS
UNITED STATES
WATER RESOURCES
WATERSHEDS

INTERNATIONAL LAW

- GS LAW (JURISPRUDENCE)
. **INTERNATIONAL LAW**
. . AIR LAW
. . SEA LAW
. . SPACE LAW
CONVENTIONS
LEGAL LIABILITY
NATIONS
OUTER SPACE TREATY
PEACETIME
POLITICS
SOVEREIGNTY
UNITED NATIONS
WARFARE

INTERNATIONAL MAGNETOSPHERIC EXPLORER

- UF IME SATELLITE
- GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . EXPLORER SATELLITES
. . . **INTERNATIONAL MAGNETOSPHERIC
EXPLORER**
- RT DELTA LAUNCH VEHICLE
EARTH MAGNETOSPHERE

INTERNATIONAL MAGNETOSPHERIC STUDY

- UF IMS
- GS INVESTIGATION
. **INTERNATIONAL MAGNETOSPHERIC
STUDY**
- RT ATMOSPHERIC PHYSICS
EARTH MAGNETOSPHERE
EUROPEAN SPACE PROGRAMS
GEOMAGNETISM
INTERPLANETARY MAGNETIC FIELDS

INTERNATIONAL PRACTICAL TEMPERATURE

- USE TEMPERATURE SCALES

INTERNATIONAL QUIET SUN YEAR

- UF IQSY (INTERNATIONAL YEAR)
- RT SOLAR ACTIVITY
SOLAR CYCLES
SOLAR PHYSICS

INTERNATIONAL RELATIONS

- GS FOREIGN POLICY
. **INTERNATIONAL RELATIONS**
. . INTERNATIONAL COOPERATION
. . . OUTER SPACE TREATY
- RT APOLLO SOYUZ TEST PROJECT
INTERNATIONAL HYDROLOGICAL
DECADE
INTERNATIONAL SPACE YEAR
U.S.S.R. SPACE PROGRAM

INTERNATIONAL SATELLITE CLOUD**CLIMATOLOGY**

- USE ISCCP PROJECT

**INTERNATIONAL SATELLITE GEODESY
EXPERIMENT**

- UF ISAGEX
- RT CELESTIAL GEODESY
EUROPEAN SPACE PROGRAMS
GEODETIC COORDINATES
INTERNATIONAL COOPERATION
SATELLITE TRACKING
U.S.S.R. SPACE PROGRAM

INTERNATIONAL SATS FOR IONOSPHERIC STUDY

- USE ISIS SATELLITES

INTERNATIONAL SOLAR POLAR MISSION

- USE ULYSSES MISSION

INTERNATIONAL SPACE YEAR

- UF ISY
- RT ∞ AEROSPACE SCIENCES
INTERNATIONAL RELATIONS
NASA SPACE PROGRAMS
SPACE EXPLORATION
SPACE PROGRAMS

INTERNATIONAL SUN EARTH EXPLORER 1

- GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . . **INTERNATIONAL SUN EARTH
EXPLORER 1**

INTERNATIONAL SUN EARTH EXPLORER 2

- GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . . **INTERNATIONAL SUN EARTH
EXPLORER 2**

INTERNATIONAL SUN EARTH EXPLORER 3

- UF INTERNATIONAL COMETARY EXPLORER
- GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . EXPLORER SATELLITES
. . . INTERNATIONAL SUN EARTH
EXPLORERS
. . . . **INTERNATIONAL SUN EARTH
EXPLORER 3**

INTERNATIONAL SUN EARTH EXPLORERS

- UF ISEE
- GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. . EXPLORER SATELLITES
. . . **INTERNATIONAL SUN EARTH
EXPLORERS**
. . . . INTERNATIONAL SUN EARTH
EXPLORER 1
. . . . INTERNATIONAL SUN EARTH
EXPLORER 2
. . . . INTERNATIONAL SUN EARTH
EXPLORER 3

INTERNATIONAL SYSTEM OF UNITS

- UF METRIC SYSTEM
SI
- GS UNITS OF MEASUREMENT
. **INTERNATIONAL SYSTEM OF UNITS**
- RT CONVERSION TABLES
∞ MEASUREMENT
MEASURING INSTRUMENTS
METRICATION
METROLOGY
∞ SYSTEMS

INTERNATIONAL TRADE

- UF EXPORTS
- RT FOREIGN TRADE
ECONOMICS
REVENUE

INTERNATIONAL ULTRAVIOLET EXPLORER

- USE IUE

INTERNUCLEAR PROPERTIES

- RT MOLECULAR INTERACTIONS
∞ MOLECULAR PHYSICS

INTERORBITAL TRAJECTORIES

- GS TRAJECTORIES
. **INTERORBITAL TRAJECTORIES**

INTERORBITAL TRAJECTORIES--(cont.)

RT INTERPLANETARY TRAJECTORIES
ROUND TRIP TRAJECTORIES
SPACECRAFT TRAJECTORIES

INTERPERSONAL RELATIONS

USE HUMAN RELATIONS

INTERPHONES

GS COMMUNICATION EQUIPMENT
. INTERPHONES
RT EARPHONES
MICROPHONES
TELECOMMUNICATION

INTERPLANETARY COMMUNICATION

GS TELECOMMUNICATION
. SPACE COMMUNICATION
. INTERPLANETARY COMMUNICATION
RT CIRCUMLUNAR COMMUNICATION
EXTRATERRESTRIAL COMMUNICATION
FACSIMILE COMMUNICATION
LASERS
LUNAR COMMUNICATION
OPTICAL COMMUNICATION
RADIO COMMUNICATION
SATELLITE COMMUNICATION
SPACECRAFT COMMUNICATION

INTERPLANETARY DUST

GS MEDIA
. INTERPLANETARY MEDIUM
. INTERPLANETARY DUST
. METEOROID DUST CLOUDS
. ZODIACAL DUST
PARTICLES
. DUST
. COSMIC DUST
. INTERPLANETARY DUST
. METEOROID DUST CLOUDS
. ZODIACAL DUST
RT METEORIODS
MICROMETEORIODS

INTERPLANETARY EXPLORER

USE EXPLORER 18 SATELLITE

INTERPLANETARY FLIGHT

UF PLANETARY SPACE FLIGHT
GS SPACE FLIGHT
. INTERPLANETARY FLIGHT
RT ASTEROID MISSIONS
ASTRODYNAMICS
EARTH-VENUS TRAJECTORIES
FLYBY MISSIONS
INTERSTELLAR SPACECRAFT
LONG DURATION SPACE FLIGHT
MANNED MARS MISSIONS
MANNED SPACE FLIGHT
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
MARINER MARK 2 SPACECRAFT
MATTER-ANTIMATTER PROPULSION
NEGATIVE MATTER PROPULSION
ORBITS
OUTER PLANETS EXPLORERS
PLANETARY LANDING
RETURN TO EARTH SPACE FLIGHT
ROUND TRIP TRAJECTORIES
SPACE EXPLORATION
SPACE NAVIGATION
SPACECRAFT GUIDANCE
TOPS (SPACECRAFT)

INTERPLANETARY GAS

GS EXTRATERRESTRIAL MATTER
. COSMIC GASES
. INTERPLANETARY GAS
GASES
. RAREFIED GASES
. COSMIC GASES
. INTERPLANETARY GAS
MEDIA
. INTERPLANETARY MEDIUM
. INTERPLANETARY GAS
RT COSMIC PLASMA
INTERSTELLAR GAS
NEUTRAL GASES
SOLAR WIND

INTERPLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
. INTERPLANETARY MAGNETIC FIELDS
RT CHAPMAN-FERRARO PROBLEM
FLUX TRANSFER EVENTS

INTERPLANETARY MAGNETIC FIELDS--(cont.)

INTERNATIONAL MAGNETOSPHERIC
STUDY
MAGNETIC CLOUDS
MAGNETIC FIELD RECONNECTION
SOLAR MAGNETIC FIELD

INTERPLANETARY MEDIUM

GS MEDIA
. INTERPLANETARY MEDIUM
. INTERPLANETARY DUST
. METEOROID DUST CLOUDS
. ZODIACAL DUST
. INTERPLANETARY GAS
RT MAGNETIC CLOUDS
MASS DISTRIBUTION
METEORIODS
PLASMA CLOUDS
SOLAR WIND

INTERPLANETARY MONITORING PLATFORM

USE IMP

INTERPLANETARY NAVIGATION

GS NAVIGATION
. SPACE NAVIGATION
. INTERPLANETARY NAVIGATION
RT ASTRONAVIGATION
CELESTIAL NAVIGATION
CELESTIAL REFERENCE SYSTEMS
RADAR NAVIGATION
RADIO NAVIGATION

INTERPLANETARY PROPULSION

USE INTERPLANETARY SPACECRAFT
ROCKET ENGINES

INTERPLANETARY SPACE

UF TRANSLUNAR SPACE
GS ENVIRONMENTS
. AEROSPACE ENVIRONMENTS
. DEEP SPACE
. INTERPLANETARY SPACE
. EXTRATERRESTRIAL ENVIRONMENTS
. DEEP SPACE
. INTERPLANETARY SPACE
RT CISLUNAR SPACE
HELIOSPHERE
INTERSTELLAR SPACE
POLAR CUSPS

INTERPLANETARY SPACECRAFT

UF INTERPLANETARY PROPULSION
PLANETARY SPACECRAFT
GS INTERPLANETARY SPACECRAFT
. EXPLORER 18 SATELLITE
. JUPITER PROBES
. GALILEO PROBE
. GALILEO SPACECRAFT
. MARINER SPACE PROBES
. MARINER R 2 SPACE PROBE
. MARINER 1 SPACE PROBE
. MARINER 2 SPACE PROBE
. MARINER 3 SPACE PROBE
. MARINER 4 SPACE PROBE
. MARINER 5 SPACE PROBE
. MARINER 6 SPACE PROBE
. MARINER 7 SPACE PROBE
. MARINER 8 SPACE PROBE
. MARINER 9 SPACE PROBE
. MARINER 10 SPACE PROBE
. MARINER 11 SPACE PROBE
. MARINER SPACECRAFT
. MARINER C SPACECRAFT
. MARINER VENUS 67 SPACECRAFT
. MARS PROBES
. ADVANCED RECONN ELECTRIC
SPACECRAFT
. MARINER 3 SPACE PROBE
. MARINER 4 SPACE PROBE
. MARINER 6 SPACE PROBE
. MARINER 7 SPACE PROBE
. MARINER 8 SPACE PROBE
. MARINER 9 SPACE PROBE
. MARS OBSERVER
. MARS 1 SPACECRAFT
. MARS 2 SPACECRAFT
. MARS 3 SPACECRAFT
. MARS 4 SPACECRAFT
. MARS 5 SPACECRAFT
. MARS 6 SPACECRAFT
. MARS 7 SPACECRAFT
. VIKING SPACECRAFT
. VIKING LANDER SPACECRAFT
. VIKING LANDER 1

INTERPLANETARY SPACECRAFT--(cont.)

. . . VIKING LANDER 2
. . . VIKING ORBITER SPACECRAFT
. . . VIKING ORBITER 1
. . . VIKING ORBITER 2
. . . VIKING ORBITER 1975
. . . VIKING 1 SPACECRAFT
. . . VIKING LANDER 1
. . . VIKING ORBITER 1
. . . VIKING 2 SPACECRAFT
. . . VIKING LANDER 2
. . . VIKING ORBITER 2
. . . VIKING 1975 ENTRY VEHICLE
. . . ZOND 2 SPACE PROBE
. . . PIONEER SPACE PROBES
. . . PIONEER VENUS 2 ENTRY PROBES
. . . PIONEER VENUS 2 NIGHT PROBE
. . . PIONEER VENUS 2 SOUNDER
PROBE
. . . PIONEER 1 SPACE PROBE
. . . PIONEER 2 SPACE PROBE
. . . PIONEER 3 SPACE PROBE
. . . PIONEER 4 SPACE PROBE
. . . PIONEER 5 SPACE PROBE
. . . PIONEER 6 SPACE PROBE
. . . PIONEER 7 SPACE PROBE
. . . PIONEER 8 SPACE PROBE
. . . PIONEER 9 SPACE PROBE
. . . PIONEER 10 SPACE PROBE
. . . PIONEER 11 SPACE PROBE
. . . PIONEER VENUS SPACECRAFT
. . . PIONEER VENUS 1 SPACECRAFT
. . . PIONEER VENUS 2 SPACECRAFT
. . . PIONEER VENUS 2 TRANSPORTER
BUS
. . . TOPS (SPACECRAFT)
. . . VENUS PROBES
. . . MAGELLAN SPACECRAFT (NASA)
. . . MARINER 1 SPACE PROBE
. . . MARINER 2 SPACE PROBE
. . . MARINER 5 SPACE PROBE
. . . MARINER 10 SPACE PROBE
. . . PIONEER VENUS 2 SPACECRAFT
. . . PIONEER VENUS 2 TRANSPORTER
BUS
. . . VENERA SATELLITES
. . . VENERA 2 SATELLITE
. . . VENERA 3 SATELLITE
. . . VENERA 4 SATELLITE
. . . VENERA 5 SATELLITE
. . . VENERA 6 SATELLITE
. . . VENERA 7 SATELLITE
. . . VENERA 8 SATELLITE
. . . VENERA 9 SATELLITE
. . . VENERA 10 SATELLITE
. . . VENERA 11 SATELLITE
. . . VENERA 12 SATELLITE
. . . ZOND 1 SPACE PROBE
. . . ZOND 3 SPACE PROBE
. . . ZOND 4 SPACE PROBE
. . . ZOND 5 SPACE PROBE
. . . ZOND 6 SPACE PROBE
. . . ZOND 7 SPACE PROBE
. . . ZOND 8 SPACE PROBE
. . . VOYAGER 1 SPACECRAFT
. . . VOYAGER 2 SPACECRAFT
. . . ZOND SPACE PROBES
. . . ZOND 1 SPACE PROBE
. . . ZOND 2 SPACE PROBE
. . . ZOND 3 SPACE PROBE
. . . ZOND 4 SPACE PROBE
. . . ZOND 5 SPACE PROBE
. . . ZOND 6 SPACE PROBE
. . . ZOND 7 SPACE PROBE
. . . ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
INTERSTELLAR SPACECRAFT
LANDING MODULES
MANEUVERABLE SPACECRAFT
MANNED MARS MISSIONS
MANNED SPACECRAFT
MATTER-ANTIMATTER PROPULSION
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SPACE CAPSULES
SPACE EXPLORATION
SPACE PROBES
SPACECRAFT
UNMANNED SPACECRAFT
VOYAGER 1977 MISSION

INTERPLANETARY TRAJECTORIES

GS TRAJECTORIES
. SPACECRAFT TRAJECTORIES
. INTERPLANETARY TRAJECTORIES
. . . EARTH-MARS TRAJECTORIES

INTERPLANETARY TRAJECTORIES--(cont.)

RT . . . EARTH-MERCURY TRAJECTORIES
 EARTH-MOON TRAJECTORIES
 EARTH-VENUS TRAJECTORIES
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 INTERORBITAL TRAJECTORIES
 ORBITAL LAUNCHING
 ORBITAL MECHANICS
 PARKING ORBITS
 PLANETARY ORBITS
 RENDEZVOUS TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SOLAR ORBITS
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 TRANSFER ORBITS
 VIKING LANDER SPACECRAFT
 VIKING LANDER 1
 VIKING LANDER 2
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING ORBITER 2
 VIKING 1 SPACECRAFT
 VIKING 2 SPACECRAFT

INTERPLANETARY TRANSFER ORBITS

GS ORBITS
 . ELLIPTICAL ORBITS
 . . TRANSFER ORBITS
 . . . **INTERPLANETARY TRANSFER ORBITS**
 . SPACECRAFT ORBITS
 . . TRANSFER ORBITS
 . . . **INTERPLANETARY TRANSFER ORBITS**
 RT AEROASSIST
 AEROBRAKING
 AEROCAPTURE
 AEROMANEUVERING
 ORBITAL MECHANICS
 SWINGBY TECHNIQUE

INTERPOLATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . **INTERPOLATION**
 RT COMMUTATION
 COMPUTATION
 EXTRAPOLATION
 FINITE DIFFERENCE THEORY
 STATISTICAL ANALYSIS

INTERPOLATORS

USE REPEATERS

INTERPRETATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DECODING
 INTELLIGIBILITY
 PERCEPTION
 PHOTOINTERPRETATION
 READING
 RECOGNITION
 SYNTAX
 TRANSLATING

INTERPROCESSOR COMMUNICATION

RT COMPUTER NETWORKS
 COMPUTER SYSTEMS DESIGN
 CONNECTION MACHINE
 DINING PHILOSOPHERS PROBLEM
 HYPERCUBE MULTIPROCESSORS
 LOCAL AREA NETWORKS
 MIMD (COMPUTERS)
 MULTIPROCESSING (COMPUTERS)
 PARALLEL PROCESSING (COMPUTERS)
 SIMD (COMPUTERS)
 TRANSMISSION RATE
 (COMMUNICATIONS)
 TRANSPUTERS
 VSAT (NETWORK)

INTERRELATIONSHIPS

USE RELATIONSHIPS

INTERROGATION

RT DATA PROCESSING
 IFF SYSTEMS (IDENTIFICATION)
 SECONDARY RADAR
 TRANSMITTER RECEIVERS
 TRANSPONDERS

INTERRUPTION

RT ELECTRIC RELAYS
 PACKET SWITCHING
 SEQUENCING
 SWITCHES
 SWITCHING

INTERSECTIONS

SN (EXCLUDES BOOLEAN LOGICAL PRODUCTS)
 RT CROSSINGS
 CROSSOVERS
 HIGHWAYS
 . JUNCTIONS
 RAMPS (STRUCTURES)
 ROADS
 STREETS
 TRANSPORTATION NETWORKS

INTERSERVICE DATA EXCHANGE PROGRAM

UF IDEP (DATA EXCHANGE)
 RT . DATA
 DATA RETRIEVAL
 DATA STORAGE
 INFORMATION RETRIEVAL
 LIBRARIES
 MILITARY TECHNOLOGY
 RESEARCH

INTERSTELLAR CHEMISTRY

RT ASSOCIATION REACTIONS
 CHEMICAL REACTIONS
 . CHEMISTRY
 COSMOCHEMISTRY
 FORMYL IONS
 INTERSTELLAR MATTER
 MOLECULAR CLOUDS
 MOLECULAR INTERACTIONS
 REACTION KINETICS

INTERSTELLAR COMMUNICATION

GS COMMUNICATING
 . **INTERSTELLAR COMMUNICATION**
 RT EXTRATERRESTRIAL INTELLIGENCE
 RADIO COMMUNICATION
 SPACE COMMUNICATION

INTERSTELLAR EXTINCTION

UF INTERSTELLAR REDDENING
 GS EXTINCTION
 . **INTERSTELLAR EXTINCTION**
 RT ASTROPHYSICS
 EVOLUTION (DEVELOPMENT)
 INTERSTELLAR GAS
 RADIATION ABSORPTION
 STELLAR EVOLUTION
 STELLAR RADIATION

INTERSTELLAR GAS

GS EXTRATERRESTRIAL MATTER
 . COSMIC GASES
 . . **INTERSTELLAR GAS**
 . INTERSTELLAR MATTER
 . . **INTERSTELLAR GAS**
 GASES
 . RAREFIED GASES
 . . COSMIC GASES
 . . . **INTERSTELLAR GAS**
 RT COOLING FLOWS (ASTROPHYSICS)
 GALACTIC HALOS
 H I REGIONS
 H II REGIONS
 HELIOSPHERE
 INTERPLANETARY GAS
 INTERSTELLAR EXTINCTION
 MAGNETIC CLOUDS
 METHYLIDYNE
 MOLECULAR CLOUDS
 NEUTRAL GASES
 OPHIUCHI CLOUDS
 ORION NEBULA
 SPIN TEMPERATURE
 STAR FORMATION
 STELLAR MASS ACCRETION
 STELLAR WINDS

INTERSTELLAR MAGNETIC FIELDS

UF GALACTIC MAGNETIC FIELDS
 GS MAGNETIC FIELDS
 . **INTERSTELLAR MAGNETIC FIELDS**
 RT MAGNETIC CLOUDS
 STELLAR MAGNETIC FIELDS

INTERSTELLAR MASERS

GS STIMULATED EMISSION DEVICES

INTERSTELLAR MASERS--(cont.)

. MASERS
 . . **INTERSTELLAR MASERS**
 RT COHERENT ELECTROMAGNETIC RADIATION
 GAS MASERS
 LASERS
 MICROWAVE AMPLIFIERS
 MOLECULAR CLOUDS
 RADIATION SOURCES
 STIMULATED EMISSION
 WATER MASERS

INTERSTELLAR MATTER

GS EXTRATERRESTRIAL MATTER
 . **INTERSTELLAR MATTER**
 . . DARK MATTER
 . . . **INTERSTELLAR GAS**
 RT CELESTIAL BODIES
 COSMIC DUST
 FORMYL IONS
 H I REGIONS
 H II REGIONS
 INFRARED CIRRHUS (ASTRONOMY)
 INTERSTELLAR CHEMISTRY
 MASS DISTRIBUTION
 METALLICITY
 METHYLIDYNE
 MOLECULAR CLOUDS
 NEBULAE
 OPHIUCHI CLOUDS
 ORION NEBULA
 REFLECTION NEBULAE
 SPIN TEMPERATURE
 STAR FORMATION
 STELLAR ENVELOPES
 STELLAR MASS ACCRETION

INTERSTELLAR MICROWAVE SPECTRA

USE INTERSTELLAR RADIATION
 MICROWAVE SPECTRA

INTERSTELLAR RADIATION

UF INTERSTELLAR MICROWAVE SPECTRA
 GS EXTRATERRESTRIAL RADIATION
 . **INTERSTELLAR RADIATION**
 RT CORPUSCULAR RADIATION
 COSMIC NOISE
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 GALACTIC RADIATION
 GAMMA RAY BURSTS
 . RADIATION
 . . RADIATIVE TRANSFER
 STELLAR RADIATION

INTERSTELLAR REDDENING

USE INTERSTELLAR EXTINCTION

INTERSTELLAR SPACE

GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS
 . . DEEP SPACE
 . . . **INTERSTELLAR SPACE**
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . DEEP SPACE
 . . . **INTERSTELLAR SPACE**
 RT INTERPLANETARY SPACE

INTERSTELLAR SPACECRAFT

RT INTERPLANETARY FLIGHT
 INTERPLANETARY SPACECRAFT
 INTERSTELLAR TRAVEL
 SPACE EXPLORATION

INTERSTELLAR TRAVEL

GS SPACE FLIGHT
 . **INTERSTELLAR TRAVEL**
 RT ASTRONAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 EXTRATERRESTRIAL INTELLIGENCE
 INTERSTELLAR SPACECRAFT
 LONG DURATION SPACE FLIGHT
 MANNED SPACE FLIGHT
 MATTER-ANTIMATTER PROPULSION
 NEGATIVE MATTER PROPULSION

INTERSTICES

RT CAVITIES
 CRACKS
 GRAIN BOUNDARIES
 PERCOLATION
 PERMEABILITY
 PINHOLES
 POROSITY

INTERSTICES--(cont.)

POROUS MATERIALS
VOIDS

INTERSTITIALS

RT ADDITIVES
CRYSTAL DEFECTS
CRYSTAL STRUCTURE
GRAIN BOUNDARIES

INTERSYMBOLIC INTERFERENCE

RT DATA TRANSMISSION
∞ INTERFERENCE
SIGNAL DISTORTION
TRANSMISSION EFFICIENCY

INTERTROPICAL CONVERGENT ZONES

GS REGIONS
INTERTROPICAL CONVERGENT ZONES
RT ATMOSPHERIC CIRCULATION
FRONTS (METEOROLOGY)
GARP ATLANTIC TROPICAL EXPERIMENT
TROPICAL METEOROLOGY
TROPICAL REGIONS
ZONAL FLOW (METEOROLOGY)

INTERVALS

RT ALTERNATIONS
CONSECUTIVE EVENTS
SPACING
STEP FUNCTIONS
TIME
TOPOLOGY

INTERVEHICLE SPACECREW TRANSFER

USE SPACECREW TRANSFER

INTERVERTEBRAL DISKS

GS DISKS (SHAPES)
INTERVERTEBRAL DISKS
RT ∞ DISKS
MUSCULOSKELETAL SYSTEM
VERTEBRAE

INTESTINES

GS ANATOMY
DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
INTESTINES
RECTUM
RT ABDOMEN
APPENDIX (ANATOMY)
COLIC

INTOXICATION

RT ∞ POISONING
TOXICITY AND SAFETY HAZARD
TOXICOLOGY

INTRACRANIAL CAVITY

GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
INTRACRANIAL CAVITY
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
INTRACRANIAL CAVITY

INTRACRANIAL PRESSURE

GS PRESSURE
INTRACRANIAL PRESSURE
RT BRAIN

INTRAMOLECULAR STRUCTURES

RT MOLECULAR STRUCTURE
∞ STRUCTURES

INTRAOCULAR PRESSURE

UF TONOMETRY
GS PRESSURE
INTRAOCULAR PRESSURE
RT GLAUCOMA

INTRAORBIT TRANSFER VEHICLES

RT COLUMBUS SPACE STATION
LARGE SPACE STRUCTURES
SPACE PLATFORMS
SPACE SHUTTLES
∞ VEHICLES

INTRAVASCULAR SYSTEM

RT BLOOD CIRCULATION
∞ SYSTEMS

INTRAVEHICULAR ACTIVITY

RT ∞ ACTIVITY
ASTRONAUT LOCOMOTION
ASTRONAUT MANEUVERING EQUIPMENT
ASTRONAUT PERFORMANCE
EXTRAVEHICULAR ACTIVITY
HUMAN PERFORMANCE
MANNED SPACE FLIGHT
PILOT PERFORMANCE
SPACECRAFT ENVIRONMENTS
WEIGHTLESSNESS

INTRAVENOUS PROCEDURES

RT CATHETERIZATION
MEDICAL SERVICES

INTROVERSION

RT ∞ DEPRESSION
DETACHMENT
HUMAN BEHAVIOR
∞ INHIBITION
PSYCHOLOGY

INTRUDER AIRCRAFT

USE A-6 AIRCRAFT

INTRUSION

RT CONTAMINATION
EXTRUDING
LEAKAGE
SEEPAGE

INVADER AIRCRAFT

USE B-26 AIRCRAFT

INVALIDITY

USE ERRORS

INVARIANCE

GS INVARIANCE
GAUGE INVARIANCE
RT ∞ CONSTANT
LORENTZ TRANSFORMATIONS

INVARIANT IMBEDDINGS

GS GEOMETRY
TOPOLOGY
IMBEDDINGS (MATHEMATICS)
INVARIANT IMBEDDINGS
RT ANISOTROPIC FLUIDS
CALCULUS OF VARIATIONS
CONFORMAL MAPPING
COORDINATE TRANSFORMATIONS
DIFFERENTIAL GEOMETRY
∞ IMBEDDINGS
ISOTROPIC TURBULENCE

INVENTIONS

RT PATENT APPLICATIONS
PATENT POLICY
PATENTS
PRODUCT DEVELOPMENT

INVENTORIES

GS INVENTORIES
CROP INVENTORIES
TIMBER INVENTORY
RT LARGE AREA CROP INVENTORY
EXPERIMENT
RESERVES
∞ STORAGE

INVENTORY CONTROLS

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT ∞ CONTROL
DISTRIBUTING
MATHEMATICAL MODELS
OPTIMAL CONTROL
RESERVES
RISK
∞ STORAGE
TIME LAG

INVENTORY MANAGEMENT

GS MANAGEMENT
INDUSTRIAL MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT DOWNTIME
LOGISTICS
PROCUREMENT MANAGEMENT
RESOURCES
RETIREMENT FOR CAUSE
SERVICES
SPARE PARTS
STOCKPILING
∞ STORAGE

INVERSE KINEMATICS

GS KINEMATICS
INVERSE KINEMATICS
RT DYNAMIC CONTROL
FEEDBACK CONTROL
MANIPULATORS
ROBOT CONTROL
ROBOT DYNAMICS
ROBOTICS

INVERSE SCATTERING

GS SCATTERING
INVERSE SCATTERING
RT FORWARD SCATTERING
RESONANCE SCATTERING

INVERSIONS

GS INVERSIONS
MAGNETIC FIELD INVERSIONS
POPULATION INVERSION
TEMPERATURE INVERSIONS
CENTRIFUGING STRESS

INVERTEBRATES

GS ANIMALS
INVERTEBRATES
ARTHROPODS
ARTEMIA
CRABS
INSECTS
BEES
BOLLWORMS
CHIRONOMUS FLIES
COCKROACHES
COLEOPTERA
BEETLES
TRIBOLIA
BOLL WEEVILS
CRICKETS
DROSOPHILA
FIREFLIES
GRASSHOPPERS
LOCUSTS
MOTHS
SILKWORMS
SPIDERS
MOLLUSKS
CEPHALOPODS
OCTOPUSES
SNAILS
ROTIFERA
SEA URCHINS
WORMS
FLATWORMS
RT BACTERIA
HEMOCYTES
LARVAE
MICROORGANISMS
POIKILOthermia

INVERTED CONVERTERS (DC TO AC)

RT ALTERNATING CURRENT
∞ CONVERTERS
CURRENT CONVERTERS (AC TO DC)
DIRECT CURRENT
ELECTRIC CURRENT

INVERTERS

SN (EXCLUDES AC TO DC INVERTERS)
GS INVERTERS
STATIC INVERTERS
RT ATTENUATORS
OSCILLATORS

INVESTIGATION

UF STUDIES
GS INVESTIGATION

INVESTIGATION--(cont.)

- . ACCIDENT INVESTIGATION
- . AIRCRAFT ACCIDENT INVESTIGATION
- . INTERNATIONAL MAGNETOSPHERIC STUDY
- RT EXAMINATION
- EXPERIMENTATION
- EXPLORATION
- GEOPHYSICAL FLUID FLOW CELLS
- OSS-1 PAYLOAD
- PROGRAMS
- RESEARCH
- RESEARCH AND DEVELOPMENT
- SAMPLING
- UNIVERSITY PROGRAM

∞ INVESTMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT COMMERCE
- INVESTMENT CASTING
- INVESTMENTS

INVESTMENT CASTING

- UF LOST WAX PROCESS
- GS FORMING TECHNIQUES
- . CASTING
- . . . INVESTMENT CASTING
- RT CENTRIFUGAL CASTING
- ∞ INVESTMENT

INVESTMENTS

- RT DEPRECIATION
- ECONOMIC IMPACT
- ECONOMICS
- FINANCE
- ∞ INVESTMENT

INVISCID FLOW

- UF NONVISCOUS FLOW
- GS FLUID FLOW
- . INVISCID FLOW
- . . STAGNATION FLOW
- RT AERODYNAMICS
- CROCCO METHOD
- CROCCO-LEE THEORY
- ∞ FLOW
- FLOW CHARACTERISTICS
- GAS FLOW
- LAMINAR FLOW
- POTENTIAL FLOW
- PRANDTL NUMBER
- REYNOLDS NUMBER
- STAGNATION TEMPERATURE
- TURBULENT FLOW
- VISCOUS FLOW

INVISIBILITY

- USE VISIBILITY

INVOLUNTARINESS

- USE INVOLUNTARY ACTIONS

INVOLUNTARY ACTIONS

- UF INVOLUNTARINESS
- RT AUTONOMIC NERVOUS SYSTEM
- SNEEZING
- SPASMS
- TWITCHING

IO

- GS CELESTIAL BODIES
- . NATURAL SATELLITES
- . . JUPITER SATELLITES
- . . . GALILEAN SATELLITES
- IO
- RT CALLISTO
- CHARON
- GANYMEDE
- JUPITER (PLANET)

IODATES

- GS HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODATES
- . . . LITHIUM IODATES

IODIDES

- GS HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODIDES
- . . . CESIUM IODIDES
- . . . GALLAMINE TRIETHIODIDE

IODIDES--(cont.)

- . . . HAFNIUM IODIDES
- . . . NIOBIUM IODIDES
- . . . POTASSIUM IODIDES
- . . . SILVER IODIDES
- . . . SODIUM IODIDES
- . . . ZIRCONIUM IODIDES

IODIMETRY

- GS CHEMICAL TESTS
- . CHEMICAL ANALYSIS
- . . IODIMETRY
- RT QUANTITATIVE ANALYSIS
- ∞ REDUCTION
- TITRATION

IODINE

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- IODINE 125
- IODINE 131
- IODINE 132

IODINE COMPOUNDS

- GS HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODATES
- . . . LITHIUM IODATES
- . . . IODIDES
- . . . CESIUM IODIDES
- . . . GALLAMINE TRIETHIODIDE
- . . . HAFNIUM IODIDES
- . . . NIOBIUM IODIDES
- . . . POTASSIUM IODIDES
- . . . SILVER IODIDES
- . . . SODIUM IODIDES
- . . . ZIRCONIUM IODIDES
- . . . IODOACETIC ACID
- RT ∞ CHEMICAL COMPOUNDS
- HALOCARBONS

IODINE ISOTOPES

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- IODINE 125
- IODINE 131
- IODINE 132
- . . . NUCLIDES
- . . . ISOTOPES
- . . . IODINE ISOTOPES
- IODINE 125
- IODINE 131
- IODINE 132

IODINE LASERS

- GS STIMULATED EMISSION DEVICES
- . LASERS
- . . IODINE LASERS

IODINE 125

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- IODINE 125
- . . . NUCLIDES
- . . . ISOTOPES
- . . . IODINE ISOTOPES
- IODINE 125
- . . . RADIOACTIVE ISOTOPES
- IODINE 125

IODINE 131

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- IODINE 131
- . . . NUCLIDES
- . . . ISOTOPES
- . . . IODINE ISOTOPES
- IODINE 131
- . . . RADIOACTIVE ISOTOPES
- IODINE 131

IODINE 132

- GS CHEMICAL ELEMENTS
- . HALOGENS
- . . IODINE
- . . . IODINE ISOTOPES
- IODINE 132

IODINE 132--(cont.)

- . . . NUCLIDES
- . . . ISOTOPES
- . . . IODINE ISOTOPES
- IODINE 132
- . . . RADIOACTIVE ISOTOPES
- IODINE 132

ODOACETIC ACID

- GS ACIDS
- . CARBOXYLIC ACIDS
- . . FATTY ACIDS
- . . . ACETIC ACID
- IODOACETIC ACID
- HALOGEN COMPOUNDS
- . IODINE COMPOUNDS
- . . IODOACETIC ACID
- ORGANIC COMPOUNDS
- . CARBOXYLIC ACIDS
- . . FATTY ACIDS
- . . . ACETIC ACID
- IODOACETIC ACID

ION ACCELERATORS

- GS PARTICLE ACCELERATORS
- . . ION ACCELERATORS
- RT ∞ ACCELERATORS
- SYNCHROTRONS

ION ACOUSTIC WAVES

- GS ELASTIC WAVES
- . SOUND WAVES
- . . ION ACOUSTIC WAVES
- RT PLASMA OSCILLATIONS
- PLASMA WAVES
- WAVE PROPAGATION

ION ATOM INTERACTIONS

- GS PARTICLE INTERACTIONS
- . . ION ATOM INTERACTIONS
- RT ATOMIC INTERACTIONS
- CHARGE EXCHANGE
- ELEMENTARY PARTICLE INTERACTIONS
- ∞ INTERACTIONS

ION BEAMS

- GS BEAMS (RADIATION)
- . PARTICLE BEAMS
- . . ION BEAMS
- ION CURRENTS
- . . ION BEAMS
- RT ATOMIC BEAMS
- BEAM INJECTION
- BEAM NEUTRALIZATION
- INERTIAL FUSION (REACTOR)
- MOLECULAR BEAMS

ION CHAMBERS

- USE IONIZATION CHAMBERS

ION CHARGE

- GS ELECTRIC CHARGE
- . . ION CHARGE
- RT CHARGE EXCHANGE
- CHARGED PARTICLES
- IONIZATION
- VALENCE

ION CONCENTRATION

- RT ACIDITY
- ∞ BASES
- EARTH IONOSPHERE
- PH FACTOR
- TITRATION

ION CURRENTS

- UF IONIC CONDUCTIVITY
- GS ION CURRENTS
- . ION BEAMS
- RT SOLIONS

ION CYCLOTRON RADIATION

- GS ELECTROMAGNETIC RADIATION
- . NONTHERMAL RADIATION
- . . CYCLOTRON RADIATION
- . . . ION CYCLOTRON RADIATION
- RT CYCLOTRON RESONANCE
- IONIC WAVES
- MAGNETIC PUMPING
- PLASMA RADIATION
- PLASMA WAVES
- ∞ RADIATION

ION DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . . **ION DENSITY (CONCENTRATION)**
 . . . IONOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC PROTON DENSITY
 . . . PROTON DENSITY (CONCENTRATION)
 MAGNETOSPHERIC PROTON DENSITY
 RT ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 COSMIC RAYS
 EARTH IONOSPHERE
 ELECTRON DENSITY (CONCENTRATION)
 GERDIEN CONDENSERS
 IONIZATION
 IONOGRAMS
 PLASMA DENSITY
 POSITIVE IONS
 SAHA EQUATIONS
 SPACE DENSITY

ION DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . **ION DISTRIBUTION**
 RT CHARGE DISTRIBUTION
 CURRENT DISTRIBUTION
 ELECTROHYDRODYNAMICS
 IONIC MOBILITY
 SPATIAL DISTRIBUTION
 VERTICAL DISTRIBUTION

ION EMISSION

GS EMISSION
 . PARTICLE EMISSION
 . . **ION EMISSION**
 RT IONIZATION
 THERMIONIC EMISSION
 THERMIONICS

ION ENGINES

UF IONIC PROPELLANTS
 THERMIONIC REACTORS
 GS ENGINES
 . ROCKET ENGINES
 . . ELECTRIC ROCKET ENGINES
 . . . **ION ENGINES**
 CESIUM ENGINES
 MERCURY ION ENGINES
 RIT ENGINES
 RT ARC JET ENGINES
 BEAM SWITCHING
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 IONIZERS
 NUCLEAR ROCKET ENGINES
 PLASMA ENGINES
 RESTARTABLE ROCKET ENGINES
 SPACE STATION PROPULSION
 SUSTAINER ROCKET ENGINES
 ∞ THRUSTORS

ION EXCHANGE MEMBRANE ELECTROLYTES

GS CONDUCTORS
 . ELECTROLYTES
 . . **ION EXCHANGE MEMBRANE ELECTROLYTES**
 MEMBRANES
 . **ION EXCHANGE MEMBRANE ELECTROLYTES**
 RT FUEL CELLS
 SEPARATORS

ION EXCHANGE RESINS

GS RESINS
 . **ION EXCHANGE RESINS**
 RT PLASTICS
 ZEOLITES

ION EXCHANGING

GS EXCHANGING
 . **ION EXCHANGING**
 RT BEDS (PROCESS ENGINEERING)
 CHARGE TRANSFER
 DEMINERALIZING
 GLASS ELECTRODES
 HYDROMETALLURGY
 ISOTOPE SEPARATION
 KAOLINITE
 METATHESIS
 ∞ SEPARATION
 SOFTENING

ION EXCHANGING--(cont.)

WATER TREATMENT

ION EXTRACTION

GS EXTRACTION
 . **ION EXTRACTION**
 RT ISOTOPE SEPARATION
 ∞ SEPARATION
 SOLVENT EXTRACTION

ION GAGES

USE IONIZATION GAGES

ION IMPACT

GS IMPACT
 . **ION IMPACT**
 RT ELECTRON IMPACT
 POINT IMPACT
 RECOIL IONS
 TORIIDS
 TOWNSEND AVALANCHE
 TOWNSEND DISCHARGE

ION IMPLANTATION

GS IMPLANTATION
 . **ION IMPLANTATION**
 RT AVALANCHE DIODES
 CARRIER MOBILITY
 DIODES
 FIELD EFFECT TRANSISTORS
 INTEGRATED CIRCUITS
 IONS
 ITO (SEMICONDUCTORS)
 JUNCTION TRANSISTORS
 METAL IONS
 METAL OXIDE SEMICONDUCTORS
 MICROELECTRONICS
 MODFETS
 MODULATION DOPING
 MOM (SEMICONDUCTORS)
 PHOTODIODES
 SEMICONDUCTOR DEVICES
 TRANSISTORS

ION INJECTION

GS INJECTION
 . **ION INJECTION**
 RT CARRIER INJECTION
 IONIC MOBILITY
 PLASMA ACCELERATORS
 PLASMA GENERATORS
 PLASMA JETS

ION IRRADIATION

GS IRRADIATION
 . **ION IRRADIATION**
 . . DEUTERON IRRADIATION
 . . PROTON IRRADIATION
 RT AURORAL IRRADIATION
 ELECTRON IRRADIATION
 IONIC COLLISIONS
 NEUTRON IRRADIATION

ION MICROSCOPES

GS MICROSCOPES
 . **ION MICROSCOPES**
 RT ELECTRON MICROSCOPES
 ELECTRON MICROSCOPY
 SCANNING ELECTRON MICROSCOPY
 TRANSMISSION ELECTRON MICROSCOPY

ION MOTION

RT IONIC WAVES
 ∞ MOTION
 PENNING DISCHARGE
 PLASMA COMPOSITION
 PLASMA DIFFUSION

ION OSCILLATION

USE PLASMA OSCILLATIONS

ION PLATING

GS PLATING
 . **ION PLATING**
 RT IONS
 METAL COATINGS
 METAL IONS
 SPUTTERING
 THIN FILMS
 VACUUM DEPOSITION

ION PROBES

GS MEASURING INSTRUMENTS
 . **ION PROBES**

ION PROBES--(cont.)

RT IONOSONDES
 RADIO FREQUENCY IMPEDANCE PROBES

ION PRODUCTION RATES

GS IONIZATION
 . **ION PRODUCTION RATES**
 . . RATES (PER TIME)
 . **ION PRODUCTION RATES**
 RT AVALANCHES
 CHARGE EXCHANGE
 RECOIL IONS
 THERMIONIC CONVERTERS

ION PROPULSION

GS PROPULSION
 . ELECTRIC PROPULSION
 . . ELECTROSTATIC PROPULSION
 . . . **ION PROPULSION**
 . . . LOW THRUST PROPULSION
 . . . ELECTROSTATIC PROPULSION
 . . . **ION PROPULSION**
 . . . SPACECRAFT PROPULSION
 . . . ELECTROSTATIC PROPULSION
 . . . **ION PROPULSION**
 RT DUOPLASMATRONS
 ELECTROMAGNETIC PROPULSION
 HIGH TEMPERATURE PROPELLANTS
 NUCLEAR ELECTRIC PROPULSION
 PLASMA PROPULSION

ION PUMPS

GS PUMPS
 . VACUUM PUMPS
 . . **ION PUMPS**
 . . VACUUM APPARATUS
 . . VACUUM PUMPS
 . . **ION PUMPS**
 RT GETTERS

ION RECOMBINATION

GS CHEMICAL REACTIONS
 . **ION RECOMBINATION**
 . . RECOMBINATION REACTIONS
 . **ION RECOMBINATION**
 RT ATOMIC RECOMBINATION
 DEIONIZATION
 ELECTRON RECOMBINATION
 ELECTRON-ION RECOMBINATION
 RECOMBINATION COEFFICIENT

ION SCATTERING

GS SCATTERING
 . **ION SCATTERING**
 RT ELECTRON SCATTERING
 IONIC COLLISIONS
 IONIC DIFFUSION
 PROTON SCATTERING
 RECOIL IONS

ION SELECTIVE ELECTRODES

GS ELECTRODES
 . **ION SELECTIVE ELECTRODES**
 RT CHEMICAL ANALYSIS

ION SHEATHS

GS SHEATHS
 . **ION SHEATHS**
 RT PLASMA CLOUDS
 PLASMA PROBES
 PLASMA SHEATHS

ION SOURCES

GS **ION SOURCES**
 . PLASMATRONS
 . . DUOPLASMATRONS
 RT ELECTRON SOURCES
 IONIZATION
 IONIZING RADIATION
 LINEAR ACCELERATORS
 PARTICLE ACCELERATORS
 PLASMA GENERATORS
 RADIATION SOURCES
 ∞ SOURCES
 SPUTTERING

ION SPECTROMETERS

USE MASS SPECTROMETERS

ION STORAGE

RT FREQUENCY STANDARDS
 ∞ STORAGE
 TRAPPING

ION STRIPPING

- RT HEAVY IONS
 PARTICLE BEAMS
 PARTICLE DENSITY (CONCENTRATION)
 PARTICLES
 ∞ SEPARATION
 ∞ STRIPPING

ION TEMPERATURE

- GS TEMPERATURE
 . ION TEMPERATURE
 RT AURORAL TEMPERATURE
 IONOSPHERIC TEMPERATURE
 PLASMA TEMPERATURE
 SPACE TEMPERATURE
 SPECIFIC HEAT

ION TRAPS (INSTRUMENTATION)

- GS MEASURING INSTRUMENTS
 . ION TRAPS (INSTRUMENTATION)
 TRAPS
 . ION TRAPS (INSTRUMENTATION)
 RT RADIATION COUNTERS
 VAPOR TRAPS

ION-GAS INTERACTIONS

- USE GAS-ION INTERACTIONS

IONIC COLLISIONS

- GS COLLISIONS
 . IONIC COLLISIONS
 RT ATOMIC COLLISIONS
 ION IRRADIATION
 ION SCATTERING
 PARTICLE COLLISIONS
 RECOIL IONS

IONIC CONDUCTIVITY

- USE ION CURRENTS

IONIC CRYSTALS

- GS CRYSTALS
 . IONIC CRYSTALS
 RT CHEMICAL BONDS
 CRYSTAL LATTICES
 EXCITONS
 POLARONS

IONIC DIFFUSION

- GS DIFFUSION
 . PARTICLE DIFFUSION
 . . IONIC DIFFUSION
 RT AMBIPOLAR DIFFUSION
 DIFFUSION WAVES
 ELECTRON DIFFUSION
 ION SCATTERING
 PLASMA DIFFUSION
 SELF DIFFUSION (SOLID STATE)

IONIC MOBILITY

- GS MOBILITY
 . IONIC MOBILITY
 TRANSPORT PROPERTIES
 . IONIC MOBILITY
 RT AMBIPOLAR DIFFUSION
 ANIONS
 ATOMIC MOBILITIES
 CATIONS
 ELECTROHYDRODYNAMICS
 ELECTROLYSIS
 ELECTROLYTIC CELLS
 ELECTROMIGRATION
 ION DISTRIBUTION
 ION INJECTION
 IONS
 ∞ MOTION
 NDM SEMICONDUCTOR DEVICES
 NEGATIVE IONS
 POSITIVE IONS

IONIC PROPELLANTS

- USE ION ENGINES

IONIC REACTIONS

- RT CHARGE TRANSFER
 MOLECULAR INTERACTIONS

IONIC WAVES

- GS ELASTIC WAVES
 . IONIC WAVES
 RT COLLISIONLESS PLASMAS
 ELECTROSTATIC WAVES
 ION CYCLOTRON RADIATION
 ION MOTION

IONIC WAVES--(cont.)

- IONOSPHERIC CONDUCTIVITY
 IONOSPHERIC PROPAGATION
 PLASMA WAVES
 ∞ WAVES

IONIZATION

- UF ELECTRON IONIZATION
 GS IONIZATION
 . AUTOIONIZATION
 . GAS IONIZATION
 . . ATMOSPHERIC IONIZATION
 . . . AURORAL IONIZATION
 . . . FLAME IONIZATION
 . ION PRODUCTION RATES
 . NONEQUILIBRIUM IONIZATION
 . PHOTOIONIZATION
 . SURFACE IONIZATION
 RT ATOMIC COLLISIONS
 ATOMIC EXCITATIONS
 CORONAS
 DISINTEGRATION
 DISSOCIATION
 ELECTRIC ARCS
 ELECTRIC CORONA
 ELECTRIC DISCHARGES
 ELECTRIC SPARKS
 ELECTRON ATTACHMENT
 EXCITATION
 ION CHARGE
 ION DENSITY (CONCENTRATION)
 ION EMISSION
 ION SOURCES
 IONOSPHERIC COMPOSITION
 MAGNETOHYDRODYNAMICS
 MOLECULAR EXCITATION
 OXYGEN RECOMBINATION
 SCHWARZSCHILD METRIC
 SINGLE EVENT UPSETS
 STELLAR CORONAS
 THERMAL DISSOCIATION

IONIZATION CHAMBERS

- UF ION CHAMBERS
 GS IONIZATION CHAMBERS
 . BUBBLE CHAMBERS
 . CLOUD CHAMBERS
 . GEIGER COUNTERS
 . PROPORTIONAL COUNTERS
 . SPARK CHAMBERS
 RT ∞ CHAMBERS
 COUNTERS
 DOSIMETERS
 ELECTRON COUNTERS
 IONIZERS
 NEUTRON COUNTERS
 RADIATION COUNTERS
 RADIATION MEASURING INSTRUMENTS
 THRESHOLD DETECTORS (DOSIMETERS)

IONIZATION COEFFICIENTS

- GS COEFFICIENTS
 . IONIZATION COEFFICIENTS

IONIZATION COUNTERS

- USE RADIATION COUNTERS

IONIZATION CROSS SECTIONS

- RT ABSORPTION CROSS SECTIONS
 ∞ CROSS SECTIONS
 NONADIABATIC THEORY
 SCATTERING CROSS SECTIONS

IONIZATION FREQUENCIES

- GS FREQUENCIES
 . IONIZATION FREQUENCIES

IONIZATION GAGES

- UF ION GAGES
 GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . IONIZATION GAGES
 ALPHATRONS
 BAYARD-ALPERT IONIZATION
 GAGES
 PENNING GAGES
 PHILIPS IONIZATION GAGES
 VACUUM APPARATUS
 . VACUUM GAGES
 . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION
 . . . GAGES
 . . . PENNING GAGES

IONIZATION GAGES--(cont.)

- RT . . . PHILIPS IONIZATION GAGES
 HOT CATHODES
 KNUDSEN GAGES
 MCLEOD GAGES
 ORBITRONS
 PIRANI GAGES
 PRESSURE MEASUREMENT

IONIZATION POTENTIALS

- GS POTENTIAL ENERGY
 . IONIZATION POTENTIALS
 RT ACTIVATION
 ELECTRIC POTENTIAL
 NUCLEAR BINDING ENERGY
 ∞ POTENTIAL
 SAHA EQUATIONS
 WORK FUNCTIONS

IONIZED GASES

- SN (LIMITED TO PARTIALLY IONIZED GASES;
 SEE PLASMAS (PHYSICS) FOR
 COMPLETELY IONIZED MATTER)
 GS GASES
 . IONIZED GASES
 . . LORENTZ GAS
 PARTICLES
 . CHARGED PARTICLES
 . . IONIZED GASES
 . . . LORENTZ GAS
 RT COSMIC GASES
 ELECTRON GAS
 FOKKER-PLANCK EQUATION
 GAS IONIZATION
 GAS TEMPERATURE
 H II REGIONS
 HIGH TEMPERATURE GASES
 NEUTRAL GASES
 PLASMAS (PHYSICS)
 RECOMBINATION COEFFICIENT

IONIZED PLASMAS

- USE PLASMAS (PHYSICS)

IONIZERS

- RT ∞ FILAMENTS
 GAS IONIZATION
 ∞ GRIDS
 ION ENGINES
 IONIZATION CHAMBERS
 SURFACE IONIZATION
 TUBE GRIDS

IONIZING RADIATION

- GS IONIZING RADIATION
 . ALPHA PARTICLES
 . BETA PARTICLES
 . COSMIC RAYS
 . . COSMIC RAY SHOWERS
 . . GALACTIC COSMIC RAYS
 . . GAMMA RAY BURSTS
 . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 . . . SECONDARY COSMIC RAYS
 . . EXTREME ULTRAVIOLET RADIATION
 . GAMMA RAY BEAMS
 . GAMMA RAYS
 . . GAMMA RAY BURSTS
 . . X RAYS
 . . COSMIC X RAYS
 . . SOLAR X-RAYS
 RT ABSORPTION SPECTRA
 AVALANCHES
 BEAMS (RADIATION)
 COHERENT ELECTROMAGNETIC
 RADIATION
 CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 ELECTRON BEAMS
 ELEMENTARY PARTICLES
 EMISSION
 EXTREME ULTRAVIOLET RADIATION
 FLUENCE
 GAMMA RAY ABSORPTION
 GAMMA RAY SPECTRA
 ION SOURCES
 IRRADIATION
 LINEAR ENERGY TRANSFER (LET)
 MONOCHROMATIC RADIATION
 NUCLEAR RADIATION
 PARTICLE TRAJECTORIES
 ∞ RADIATION
 RADIATION BELTS
 RADIATION COUNTERS
 RADIATION DAMAGE

IONIZING RADIATION--(cont.)

RADIATION HAZARDS
RADIOACTIVE MATERIALS
RADIOACTIVITY
RADIOCHEMISTRY
RELATIVISTIC ELECTRON BEAMS
SOLAR RADIATION
STERILIZATION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES

IONOGRAMS

RT ION DENSITY (CONCENTRATION)
IONOSONDES
RIOMETERS

IONOPOUSE

SN (EXCLUDES PLASMAPAUSE)
RT COMETARY ATMOSPHERES
PLANETARY ATMOSPHERES
PLASMAPAUSE
SPACE PLASMAS
VENUS ATMOSPHERE

IONOSONDES

GS MEASURING INSTRUMENTS
. METEOROLOGICAL INSTRUMENTS
. . . RADIOSONDES
. . . . IONOSONDES
. . . . SONDES
. . . . RADIOSONDES
. . . . IONOSONDES
RADIO EQUIPMENT
. RADIO TRANSMITTERS
. . . RADIOSONDES
. . . . IONOSONDES
TRANSMITTERS
. RADIO TRANSMITTERS
. . . RADIOSONDES
. . . . IONOSONDES
RT ION PROBES
IONOGRAMS
IONOSPHERIC SOUNDING
RIOMETERS
SATELLITE SOUNDING
SOUNDING ROCKETS

IONOSPHERE EXPLORER A

USE EXPLORER 20 SATELLITE

IONOSPHERE-MAGNETOSPHERE COUPLING

USE MAGNETOSPHERE-IONOSPHERE
COUPLING

IONOSPHERES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT EARTH IONOSPHERE
MAGNETOSPHERE-IONOSPHERE
COUPLING
PLANETARY IONOSPHERES

IONOSPHERIC ABSORPTION

USE ELECTROMAGNETIC ABSORPTION
IONOSPHERIC PROPAGATION

IONOSPHERIC BLACKOUT

USE BLACKOUT (PROPAGATION)

IONOSPHERIC COMPOSITION

GS COMPOSITION (PROPERTY)
. ATMOSPHERIC COMPOSITION
. . . IONOSPHERIC COMPOSITION
RT ATOM CONCENTRATION
CHEMICAL COMPOSITION
GAS COMPOSITION
IONIZATION
PARTICLE DENSITY (CONCENTRATION)
PLASMA COMPOSITION
SATELLITE ATMOSPHERES

IONOSPHERIC CONDUCTIVITY

GS ELECTRICAL PROPERTIES
. ELECTRICAL RESISTIVITY
. . . IONOSPHERIC CONDUCTIVITY
TRANSPORT PROPERTIES
. ATMOSPHERIC CONDUCTIVITY
. . . IONOSPHERIC CONDUCTIVITY
. ELECTRICAL RESISTIVITY
. . . IONOSPHERIC CONDUCTIVITY
RT ∞ CONDUCTIVITY
ELECTROJETS
IONIC WAVES

IONOSPHERIC CONDUCTIVITY--(cont.)

PLASMA CONDUCTIVITY

IONOSPHERIC CROSS MODULATION

GS ELECTROMAGNETIC INTERFERENCE
. CROSSTALK
. . . IONOSPHERIC CROSS MODULATION
. RADIO FREQUENCY INTERFERENCE
. . . IONOSPHERIC CROSS MODULATION
MODULATION
RT LUXEMBOURG EFFECT

IONOSPHERIC CURRENTS

GS ELECTRIC CURRENT
. IONOSPHERIC CURRENTS
. . . BIRKELAND CURRENTS
. . . ELECTROJETS
. . . . AURORAL ELECTROJETS
. . . . EQUATORIAL ELECTROJET
ELECTRICITY
. ATMOSPHERIC ELECTRICITY
. . . IONOSPHERIC CURRENTS
. . . BIRKELAND CURRENTS
. . . ELECTROJETS
. . . . AURORAL ELECTROJETS
. . . . EQUATORIAL ELECTROJET
RT FIELD ALIGNED CURRENTS
PLASMA CURRENTS
TRAVELING IONOSPHERIC
DISTURBANCES

IONOSPHERIC DISTURBANCES

GS IONOSPHERIC DISTURBANCES
. IONOSPHERIC STORMS
. . . SUDDEN IONOSPHERIC
DISTURBANCES
. TRAVELING IONOSPHERIC
DISTURBANCES
RT BIRKELAND CURRENTS
BLACKOUT (PROPAGATION)
 ∞ DISTURBANCES
IONOSPHERIC NOISE
MAGNETIC VARIATIONS

IONOSPHERIC DRIFT

RT ∞ DRIFT
DRIFT RATE
ELECTROJETS
MAGNETIC RIGIDITY
POLARIZATION (CHARGE SEPARATION)
RADIATION BELTS

IONOSPHERIC ELECTRON DENSITY

GS DENSITY (NUMBER/VOLUME)
. PARTICLE DENSITY (CONCENTRATION)
. . . ELECTRON DENSITY
(CONCENTRATION)
. . . IONOSPHERIC ELECTRON DENSITY
RT ARIEL 4 SATELLITE
MAGNETOSPHERIC ELECTRON DENSITY

IONOSPHERIC F-SCATTER PROPAGATION

GS SCATTERING
. WAVE SCATTERING
. . . ELECTROMAGNETIC SCATTERING
. . . IONOSPHERIC F-SCATTER
PROPAGATION
TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. . . RADIO TRANSMISSION
. . . . IONOSPHERIC PROPAGATION
. . . . IONOSPHERIC F-SCATTER
PROPAGATION
. . . SCATTER PROPAGATION
. . . IONOSPHERIC F-SCATTER
PROPAGATION
. SIGNAL TRANSMISSION
. . . RADIO TRANSMISSION
. . . IONOSPHERIC PROPAGATION
. . . . IONOSPHERIC F-SCATTER
PROPAGATION
. WAVE PROPAGATION
. . . IONOSPHERIC PROPAGATION
. . . IONOSPHERIC F-SCATTER
PROPAGATION
. SCATTER PROPAGATION
. . . IONOSPHERIC F-SCATTER
PROPAGATION

IONOSPHERIC HEATING

GS HEATING
. IONOSPHERIC HEATING
RT ATMOSPHERIC RADIATION

IONOSPHERIC HEATING--(cont.)

PLASMA HEATING

IONOSPHERIC ION DENSITY

GS DENSITY (NUMBER/VOLUME)
. PARTICLE DENSITY (CONCENTRATION)
. . . ION DENSITY (CONCENTRATION)
. . . IONOSPHERIC ION DENSITY
RT MAGNETOSPHERIC ION DENSITY
POSITIVE IONS

IONOSPHERIC NOISE

GS ATMOSPHERIC RADIATION
. IONOSPHERIC NOISE
. . . WHISTLERS
ELECTROMAGNETIC INTERFERENCE
. RADIO FREQUENCY INTERFERENCE
. . . ELECTROMAGNETIC NOISE
. . . IONOSPHERIC NOISE
. . . . WHISTLERS
RT BACKGROUND NOISE
BACKGROUND RADIATION
IONOSPHERIC DISTURBANCES
RIOMETERS
SKY WAVES

IONOSPHERIC PROPAGATION

UF IONOSPHERIC ABSORPTION
IONOSPHERIC REFLECTION
TRANSMISSION
GS . ELECTROMAGNETIC WAVE
TRANSMISSION
. . . RADIO TRANSMISSION
. . . . IONOSPHERIC PROPAGATION
. . . . IONOSPHERIC F-SCATTER
PROPAGATION
. SIGNAL TRANSMISSION
. . . RADIO TRANSMISSION
. . . . IONOSPHERIC PROPAGATION
. . . . IONOSPHERIC F-SCATTER
PROPAGATION
. WAVE PROPAGATION
. . . IONOSPHERIC PROPAGATION
. . . IONOSPHERIC F-SCATTER
PROPAGATION
RT ANTIPODES
EARTH IONOSPHERE
EARTH-IONOSPHERE WAVEGUIDE
EISCAT RADAR SYSTEM (EUROPE)
IONIC WAVES
LOSSY MEDIA
LUXEMBOURG EFFECT
MAGNETOIONICS
ORBIS
ORBIS CAL SATELLITE
POLAR RADIO BLACKOUT
RIOMETERS
SCATTER PROPAGATION
SIGNAL MEASUREMENT
TRAVELING IONOSPHERIC
DISTURBANCES

IONOSPHERIC REFLECTION

USE IONOSPHERIC PROPAGATION

IONOSPHERIC SOUNDING

GS SOUNDING
. IONOSPHERIC SOUNDING
RT ALOUETTE PROJECT
ALOUETTE 1 SATELLITE
ALOUETTE 2 SATELLITE
ARIEL 4 SATELLITE
ATMOSPHERIC SOUNDING
IONOSONDES
ORBIS
ORBIS CAL SATELLITE
ROCKET SOUNDING
SATELLITE SOUNDING

IONOSPHERIC STORMS

GS IONOSPHERIC DISTURBANCES
. IONOSPHERIC STORMS
. . . SUDDEN IONOSPHERIC
DISTURBANCES
STORMS
. IONOSPHERIC STORMS
. . . SUDDEN IONOSPHERIC
DISTURBANCES
RT ∞ DISTURBANCES
EARTH IONOSPHERE
IONOSPHERICS
NOISE STORMS
SOLAR STORMS
SPREAD F

IONOSPHERIC STORMS--(cont.)
 TRAVELING IONOSPHERIC
 DISTURBANCES

IONOSPHERIC TEMPERATURE
 GS TEMPERATURE
 . ATMOSPHERIC TEMPERATURE
 . . **IONOSPHERIC TEMPERATURE**
 RT AURORAL TEMPERATURE
 ELECTRON ENERGY
 ION TEMPERATURE

IONOSPHERIC TILTS
 RT TRAVELING IONOSPHERIC
 DISTURBANCES

IONOSPHERICS
 GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . ATMOSPHERICS
 **IONOSPHERICS**
 DAWN CHORUS
 HISS
 RT IONOSPHERIC STORMS
 RADIO AURORAS

IONS
 GS **IONS**
 . CESIUM IONS
 . DEUTERONS
 . HEAVY IONS
 . HELIUM IONS
 . HYDROGEN IONS
 . LIGHT IONS
 . METAL IONS
 . . FERRIC IONS
 . . MANGANESE IONS
 . . MOLECULAR IONS
 . . FORMYL IONS
 . . HYDRONIUM IONS
 . . VANADYL RADICAL
 . . NEGATIVE IONS
 . . ANIONS
 . . NITROGEN IONS
 . . OXYGEN IONS
 . . POSITIVE IONS
 . . CATIONS
 . . . FORMYL IONS
 . . . VANADYL RADICAL
 . . . HYDRONIUM IONS
 . . . RECOIL IONS
 . . . TRITONS
 . . . TRIVALENT IONS
 RT ALPHA PARTICLES
 ATOMS
 CHEMICAL ELEMENTS
 CORPUSCULAR RADIATION
 ELECTROLYTES
 FREE RADICALS
 HYDROXYL RADICALS
 ION IMPLANTATION
 ION PLATING
 IONIC MOBILITY
 MOLECULES
 MONATOMIC MOLECULES
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLES
 PLASMAS (PHYSICS)
 POLYATOMIC MOLECULES
 PROTONS
 VALENCE

IOWA
 GS NATIONS
 . UNITED STATES
 . . **IOWA**
 RT CEDAR RAPIDS (IA)
 MISSOURI RIVER (US)

IP (IMPACT PREDICTION)
 USE COMPUTERIZED SIMULATION

IPAD
 SN (INTEGRATED PROGRAM FOR
 AEROSPACE VEHICLE DESIGN)
 UF INTEG PROGRAM FOR AEROSPACE VEH
 DESIGN
 GS COMPUTER TECHNIQUES
 . COMPUTER AIDED DESIGN
 . . **IPAD**
 . . SPACECRAFT DESIGN
 . . **IPAD**
 RT ∞ DESIGN

IQSY (INTERNATIONAL YEAR)
 USE INTERNATIONAL QUIET SUN YEAR

IR LASERS
 USE INFRARED LASERS

IRAN
 GS NATIONS
 . **IRAN**
 RT ASIA

IRAQ
 GS NATIONS
 . **IRAQ**
 RT ASIA

IRAS
 USE INFRARED ASTRONOMY SATELLITE

IRAS-ARAKI-ALCOCK COMET
 GS CELESTIAL BODIES
 . COMETS
 . . **IRAS-ARAKI-ALCOCK COMET**
 RT INFRARED ASTRONOMY SATELLITE
 SOLAR SYSTEM

IRASERS
 USE INFRARED LASERS

IRBM (MISSILES)
 USE INTERMEDIATE RANGE BALLISTIC
 MISSILES

IRELAND
 GS LANDFORMS
 . ISLANDS
 . . **IRELAND**
 . . NATIONS
 . . **IRELAND**

IRIDESCENCE
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . COLOR
 . . . **IRIDESCENCE**
 RT OPALESCENCE

IRIDIUM
 GS CHEMICAL ELEMENTS
 . **IRIDIUM**
 . . IRIDIUM ISOTOPES
 . . METALS
 . . REFRACTORY METALS
 . . **IRIDIUM**
 . . . IRIDIUM ISOTOPES
 . . . TRANSITION METALS
 . . **IRIDIUM**
 . . . IRIDIUM ISOTOPES
 . . . REFRACTORY MATERIALS
 . . . REFRACTORY METALS
 . . **IRIDIUM**
 . . . IRIDIUM ISOTOPES

IRIDIUM ALLOYS
 GS ALLOYS
 . **IRIDIUM ALLOYS**
 RT PLATINUM ALLOYS

IRIDIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 8 COMPOUNDS
 ∞ METAL COMPOUNDS

IRIDIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 . IRIDIUM
 . . **IRIDIUM ISOTOPES**
 . . NUCLIDES
 . . ISOTOPES
 . . . **IRIDIUM ISOTOPES**
 . . . METALS
 . . . REFRACTORY METALS
 . . . IRIDIUM
 . . . **IRIDIUM ISOTOPES**
 . . . TRANSITION METALS
 . . . IRIDIUM
 . . . **IRIDIUM ISOTOPES**
 . . . REFRACTORY MATERIALS
 . . . REFRACTORY METALS
 . . . IRIDIUM
 . . . **IRIDIUM ISOTOPES**

IRIS SATELLITES
 GS ARTIFICIAL SATELLITES

IRIS SATELLITES--(cont.)
 . **IRIS SATELLITES**
 RT EUROPEAN SPACE PROGRAMS
 SATELLITE OBSERVATION
 SOLAR ACTIVITY
 SOLAR CYCLES
 SOLAR ENERGY
 SOLAR FLARES
 SOLAR RADIATION
 SOLAR SENSORS

IRISES (MECHANICAL APERTURES)
 GS OPENINGS
 . APERTURES
 . . **IRISES (MECHANICAL APERTURES)**
 RT CAMERA SHUTTERS
 WAVEGUIDE WINDOWS
 WAVEGUIDES

IRON
 GS CHEMICAL ELEMENTS
 . **IRON**
 . . IRON ISOTOPES
 . . . IRON 57
 . . . IRON 58
 . . . IRON 59
 . . METALS
 . . TRANSITION METALS
 . . **IRON**
 . . . IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 RT FERRIC IONS
 FERROUS METALS
 HYDROGEN EMBRITTLEMENT
 LOW CARBON STEELS

IRON ALLOYS
 UF FERROALLOYS
 GS ALLOYS
 . **IRON ALLOYS**
 . . STEELS
 . . . BAINITIC STEEL
 . . . CARBON STEELS
 LOW CARBON STEELS
 . . . CHROMIUM STEELS
 . . . CROLOY
 . . . HIGH STRENGTH STEELS
 . . . MARAGING STEELS
 . . . NICKEL STEELS
 . . . STAINLESS STEELS
 AUSTENITIC STAINLESS STEELS
 FERRITIC STAINLESS STEELS
 MARTENSITIC STAINLESS STEELS
 RT AUSTENITE
 BAINITE
 BEARING ALLOYS
 CEMENTITE
 FERRITES
 HASTELLOY (TRADEMARK)
 INCONEL (TRADEMARK)
 KAMACITE
 MARTENSITE
 NIMONIC ALLOYS
 PEARLITE
 PERMALLOYS (TRADEMARK)
 SILICON ALLOYS
 ZIRCALOYS (TRADEMARK)

IRON CHLORIDES
 GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . **IRON CHLORIDES**
 . . . HALIDES
 . . . CHLORIDES
 . . . **IRON CHLORIDES**
 . . . METAL HALIDES
 . . . **IRON CHLORIDES**
 IRON COMPOUNDS
 . **IRON CHLORIDES**

IRON COMPOUNDS
 GS **IRON COMPOUNDS**
 . COHENITE
 . CORDIERITE
 . FAYALITE
 . FERRATES
 . . BARIUM FERRATES
 . . FERRITES
 . . FERROCENES
 . . ALKYLFERROCENE
 . IRON CHLORIDES
 . IRON CYANIDES

IRON COMPOUNDS--(cont.)

- . IRON OXIDES
- . . HEMATITE
- . . ILMENITE
- . . MAGNETITE
- . . LIMONITE
- . . PYRITES
- . . PYRRHOTITE
- . . TROILITE
- . . SCHREIBERSITE
- . . SIDERITES
- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 8 COMPOUNDS
- ∞ METAL COMPOUNDS

IRON CYANIDES

- GS CYANIDES
- . IRON CYANIDES
- . IRON COMPOUNDS
- . IRON CYANIDES

IRON ISOTOPES

- GS CHEMICAL ELEMENTS
- . IRON
- . . IRON ISOTOPES
- . . . IRON 57
- . . . IRON 58
- . . . IRON 59
- . . NUCLIDES
- . . ISOTOPES
- . . . IRON ISOTOPES
- IRON 57
- IRON 58
- IRON 59
- . METALS
- . . TRANSITION METALS
- . . IRON
- . . . IRON ISOTOPES
- IRON 57
- IRON 58
- IRON 59
- RT FERROUS METALS

IRON METEORITES

- UF SIDERITE METEORITES
- GS CELESTIAL BODIES
- . METEORITES
- . . IRON METEORITES
- . . . AROOS METEORITE
- . . . LAZAREV METEORITE
- . . . ODESSA METEORITE
- . . . SIKHOTE-LIN METEORITE
- RT ACHONDRITES
- . HARLETON METEORITE
- . KAMACITE
- . METEORITIC COMPOSITION
- . METEORITIC MICROSTRUCTURES
- . OKHANSK METEORITE
- . SCHREIBERSITE
- . STONY METEORITES
- . STONY-IRON METEORITES
- . TROILITE
- . WIDMANSTATTEN STRUCTURE

IRON ORES

- GS MINERALS
- . IRON ORES
- . . HEMATITE

IRON OXIDES

- GS CHALCOGENIDES
- . OXIDES
- . . METAL OXIDES
- . . . IRON OXIDES
- HEMATITE
- ILMENITE
- MAGNETITE
- . IRON COMPOUNDS
- . . IRON OXIDES
- . . . HEMATITE
- . . . ILMENITE
- . . . MAGNETITE

IRON 57

- GS CHEMICAL ELEMENTS
- . IRON
- . . IRON ISOTOPES
- . . . IRON 57
- . . NUCLIDES
- . . ISOTOPES
- . . . IRON ISOTOPES
- IRON 57
- . METALS
- . . TRANSITION METALS
- . . IRON

IRON 57--(cont.)

- . . . IRON ISOTOPES
- IRON 57

IRON 58

- GS CHEMICAL ELEMENTS
- . IRON
- . . IRON ISOTOPES
- . . . IRON 58
- . . NUCLIDES
- . . ISOTOPES
- . . . IRON ISOTOPES
- IRON 58
- . METALS
- . . TRANSITION METALS
- . . IRON
- . . . IRON ISOTOPES
- IRON 58

IRON 59

- GS CHEMICAL ELEMENTS
- . IRON
- . . IRON ISOTOPES
- . . . IRON 59
- . . NUCLIDES
- . . ISOTOPES
- . . . IRON ISOTOPES
- IRON 59
- . . . RADIOACTIVE ISOTOPES
- IRON 59
- . METALS
- . . TRANSITION METALS
- . . IRON
- . . . IRON ISOTOPES
- IRON 59

IROQUOIS HELICOPTER

- USE UH-1 HELICOPTER

IRRADIANCE

- SN (LIMITED TO DETECTION RATE PER UNIT AREA OF RADIATION)
- GS RATES (PER TIME)
- . FLUX DENSITY
- . . RADIANT FLUX DENSITY
- . . . IRRADIANCE
- ILLUMINANCE
- SOLAR CONSTANT
- RT ELECTRON FLUX DENSITY
- . LUMINANCE
- . . LUMINOUS INTENSITY
- . . NEUTRON FLUX DENSITY
- . . PROTON FLUX DENSITY
- . . RADIANCE
- . . . SOLAR BACKSCATTER UV SPECTROMETER
- . . . SOLAR FLUX DENSITY

IRRADIATION

- GS IRRADIATION
- . AURORAL IRRADIATION
- . . ELECTRON IRRADIATION
- . . . ION IRRADIATION
- . . . DEUTERON IRRADIATION
- . . . PROTON IRRADIATION
- . . . NEUTRON IRRADIATION
- . . . X RAY IRRADIATION
- RT ACTIVATION
- . BEAMS (RADIATION)
- ∞ BOMBARDMENT
- . DOSIMETERS
- . ELECTROMAGNETIC ABSORPTION
- . ELECTRON PROBES
- . EMISSION
- . . EXCITATION
- . . EXPOSURE
- . . FLUX DENSITY
- . . IONIZING RADIATION
- . . LASER INDUCED FLUORESCENCE
- . . NUCLEAR CAPTURE
- . . NUCLEAR FUSION
- . . NUCLEAR RADIATION
- . . PRESERVING
- ∞ RADIATION
- . RADIATION DOSAGE
- . RADIATION EFFECTS
- . RADIATION MEASUREMENT
- . RADIATION TOLERANCE
- . RADIOBIOLOGY
- . RADIOGRAPHY
- . . TARGETS

IRRATIONALITY

- RT DISORIENTATION
- . DITHERS

IRRATIONALITY--(cont.)

- . MENTAL PERFORMANCE
- . PREJUDICES
- . PSYCHOSES
- . SCHIZOPHRENIA

IRREGULAR GALAXIES

- GS CELESTIAL BODIES
- . GALAXIES
- . . IRREGULAR GALAXIES
- RT BL LACERTAE OBJECTS
- . GALACTIC RADIATION
- . GALACTIC ROTATION
- . GALACTIC STRUCTURE
- . GUM NEBULA
- . HUBBLE CONSTANT
- . HUBBLE DIAGRAM
- . NEBULAE
- . ORION NEBULA
- . QUASARS
- . RADIO SOURCES (ASTRONOMY)
- . RED SHIFT
- . STAR CLUSTERS
- . STARS

IRREGULAR VARIABLE STARS

- GS CELESTIAL BODIES
- . STARS
- . . VARIABLE STARS
- . . . IRREGULAR VARIABLE STARS
- R CORONAE BOREALIS STARS
- RT CARBON STARS
- . SEMIREGULAR VARIABLE STARS

IRREGULARITIES

- RT ABNORMALITIES
- . DEFECTS
- . . DEVIATION
- . . NONUNIFORMITY
- . . REGULARITY

IRREVERSIBLE PROCESSES

- RT NONEQUILIBRIUM THERMODYNAMICS
- . ONSAGER RELATIONSHIP
- . REACTION KINETICS
- . THERMODYNAMICS
- . THERMOVISCOELASTICITY
- . VARIATIONAL PRINCIPLES

IRRIGATION

- RT AGRICULTURE
- . ALFALFA
- . BARLEY
- . CANALS
- . CITRUS TREES
- . CORN
- . CROP VIGOR
- . DITCHES
- . DRAINAGE
- . DRAINAGE PATTERNS
- . FARM CROPS
- . FARMLANDS
- . OATS
- . ORCHARDS
- . PONDS
- . SEEPAGE
- . SUGAR BEETS
- . SUGAR CANE
- . TROUGHS
- . VEGETATION GROWTH
- . VINEYARDS
- . WATER CONSUMPTION

IRRITATION

- GS IRRITATION
- . TOXICITY AND SAFETY HAZARD
- RT ∞ REACTION

IRROTATIONAL FLOW

- USE POTENTIAL FLOW

IRS (INDIAN SPACECRAFT)

- USE INDIAN SPACECRAFT

ISAGEX

- USE INTERNATIONAL SATELLITE GEODESY EXPERIMENT

ISCCP PROJECT

- UF INTERNATIONAL SATELLITE CLOUD CLIMATOLOGY
- GS PROGRAMS
- . PROJECTS
- . . ISCCP PROJECT

ISCCP PROJECT--(cont.)

RT CLIMATOLOGY
CLOUD COVER
CLOUDS (METEOROLOGY)
GOES SATELLITES
METEOSAT SATELLITE
REMOTE SENSING
SATELLITE OBSERVATION

ISCHEMIA

RT ANEMIAS
BLOOD CIRCULATION
CONGESTION
VASOCONSTRICTION

ISEE

USE INTERNATIONAL SUN EARTH
EXPLORERS

ISENTROPE

RT ADIABATIC CONDITIONS
ISENTROPIC PROCESSES
MOLLIER DIAGRAM
POISSON EQUATION

ISENTROPIC PROCESSES

GS **ISENTROPIC PROCESSES**
. NONISENTROPICITY
RT BERNOULLI THEOREM
ISENTROPE
ISOENERGETIC PROCESSES
ISOPYCNIC PROCESSES
∞ PROCESSES
THERMODYNAMIC EQUILIBRIUM

ISING MODEL

RT ANTIFERROMAGNETISM
CRYSTAL LATTICES
FERROMAGNETISM
PARTICLE SPIN
PHASE TRANSFORMATIONS
STATISTICAL MECHANICS

ISIS SATELLITES

SN (INTERNATIONAL SATELLITES FOR
IONOSPHERIC STUDY)
UF INTERNATIONAL SATS FOR
IONOSPHERIC STUDY
GS ARTIFICIAL SATELLITES
. **ISIS SATELLITES**
. ALOUETTE 2 SATELLITE
. ISIS-A
. ISIS-B
. ISIS-X
RT ALOUETTE SATELLITES

ISIS-A

GS ARTIFICIAL SATELLITES
. ISIS SATELLITES
. **ISIS-A**
RT ALOUETTE PROJECT

ISIS-B

GS ARTIFICIAL SATELLITES
. ISIS SATELLITES
. **ISIS-B**

ISIS-X

GS ARTIFICIAL SATELLITES
. ISIS SATELLITES
. **ISIS-X**
RT ALOUETTE B SATELLITE

ISKRA AIRCRAFT

USE TS-11 AIRCRAFT

ISLAND ARCS

GS LANDFORMS
. **ISLAND ARCS**
RT ALEUTIAN ISLANDS (US)
∞ ARCS
BARRIERS (LANDFORMS)
ISLANDS
KEYS (ISLANDS)
LAGOONS
REEFS

ISLANDS

GS LANDFORMS
. **ISLANDS**
. ALEUTIAN ISLANDS (US)
. ASSATEAGUE ISLAND (MD-VA)
. ATOLLS
. BAHRAIN

ISLANDS--(cont.)

. BERMUDA
. CANARY ISLANDS
. CYPRUS
. GREENLAND
. HAWAII
. ICELAND
. INDONESIA
. IRELAND
. KEYS (ISLANDS)
. LONG ISLAND (NY)
. MADAGASCAR
. MALDIVES ISLANDS
. MALTA
. MAURITIUS
. MERRITT ISLAND (FL)
. NEWFOUNDLAND
. NUNATAKS
. PACIFIC ISLANDS
. GUAM
. JAPAN
. JOHNSTON ISLAND
. KURILE ISLANDS
. NEW GUINEA (ISLAND)
. NEW ZEALAND
. PHILIPPINES
. SAMOA
. PRINCE EDWARD ISLAND
. SEYCHELLES
. SICILY
. TASMANIA
. WALLOPS ISLAND
. WEST INDIES
. ANTIGUA AND BARBUDA
. BAHAMAS
. BARBADOS
. CUBA
. DOMINICA
. GRENADA
. GUADELOUPE
. HAITI
. JAMAICA
. LESSER ANTILLES
. MARTINIQUE
. PUERTO RICO
. TRINIDAD AND TOBAGO
. VIRGIN ISLANDS
RT ARCHIPELAGOES
AZORES
CAPE VERDE
CORAL REEFS
ISLAND ARCS
LAGOONS
OUTER BANKS (NC)
REEFS
SEAMOUNTS

∞ ISOBARS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BAROCLINITY
BAROTROPISM
ISOBARS (PRESSURE)
NUCLEAR ISOBARS
POLYTROPIC PROCESSES

ISOBARS (PRESSURE)

RT ATMOSPHERIC PRESSURE
GEOSTROPHIC WIND
GRADIENTS
∞ ISOBARS
ISOCHORIC PROCESSES
ISOPYCNIC PROCESSES
ISOTHERMAL PROCESSES
METEOROLOGICAL CHARTS
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE GRADIENTS

ISOBUTANE

USE BUTANES

ISOBUTYLENE

USE BUTENES

ISOCHORIC PROCESSES

RT ISOBARS (PRESSURE)
ISOPYCNIC PROCESSES
THERMODYNAMIC EQUILIBRIUM
VOLUME

ISOCHROMATICS

RT COLOR
DICHROISM

ISOCHROMATICS--(cont.)

DIFFRACTION
INTERFEROMETRY
REFRACTION
SPECKLE INTERFEROMETRY

ISOCYANATES

GS ESTERS
. **ISOCYANATES**
. DIISOCYANATES
. FULMINATES
NITROGEN COMPOUNDS
. CYANO COMPOUNDS
. **ISOCYANATES**
. DIISOCYANATES
. FULMINATES

ISOELECTRONIC SEQUENCE

RT ATOMIC STRUCTURE
SPECTRA
SPECTROSCOPY

ISOENERGETIC PROCESSES

RT ADIABATIC CONDITIONS
ISENTROPIC PROCESSES
THERMODYNAMIC EQUILIBRIUM

ISOLATION

GS **ISOLATION**
. SOCIAL ISOLATION
RT CONFINEMENT
CONFINING
DEPRIVATION
DISPOSAL
EXCLUSION
GNOTOBIOTICS
INSULATION
ISOLATORS
∞ SEPARATION
SPACING

ISOLATORS

GS **ISOLATORS**
. VIBRATION ISOLATORS
RT ATTENUATORS
INSULATION
ISOLATION
NOISE REDUCTION
SHOCK ABSORBERS
SPACERS
SUPPRESSORS
VIBRATION

ISOMERIZATION

GS **ISOMERIZATION**
. ORTHO PARA CONVERSION
RT ∞ CONVERSION
REFINING

ISOMERS

GS **ISOMERS**
. ISOPROPYL ALCOHOL
. PHENANTHRENE
RT ATOMS
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NUCLEAR CHEMISTRY
STEREOCHEMISTRY
TAUTOMERS

ISOMORPHISM

UF MORPHOTROPISM
GS MORPHOLOGY
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CRYSTAL STRUCTURE
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HOMOMORPHISMS

ISOPARAMETRIC FINITE ELEMENTS

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COORDINATE TRANSFORMATIONS
∞ ELEMENTS
FINITE ELEMENT METHOD
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RT ANALYTIC FUNCTIONS
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∞ PROBLEMS
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RT ∞ ILLUMINATION

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USE NOMOGRAPHS

ISOPROPYL ALCOHOL

GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . ISOPROPYL ALCOHOL
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 . ISOPROPYL ALCOHOL
 ISOPROPYL COMPOUNDS
 . ISOPROPYL ALCOHOL

ISOPROPYL COMPOUNDS

GS ISOPROPYL COMPOUNDS
 . ISOPROPYL ALCOHOL
 RT ∞ CHEMICAL COMPOUNDS

ISOPROPYL NITRATE

GS ALKYL COMPOUNDS
 . ISOPROPYL NITRATE
 ESTERS
 . NITRATE ESTERS
 . ISOPROPYL NITRATE
 NITROGEN COMPOUNDS
 . NITRATE ESTERS
 . ISOPROPYL NITRATE

ISOPYCNIC PROCESSES

UF ISOSTERIC PROCESSES
 RT DENSITY (MASS/VOLUME)
 ISENTROPIC PROCESSES
 ISOBARS (PRESSURE)
 ISOCHORIC PROCESSES

ISOSTASY

RT ∞ EQUILIBRIUM
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 GEOPHYSICS
 GLACIOLOGY
 GRAVITATION
 HYDROSTATICS
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ISOSTATIC PRESSURE

GS PRESSURE
 . ISOSTATIC PRESSURE
 RT ATMOSPHERIC PRESSURE
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ISOSTERIC PROCESSES

USE ISOPYCNIC PROCESSES

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 . ISOTHERMAL FLOW
 RT FLOW DISTRIBUTION
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ISOTHERMAL LAYERS

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UF ISOTOPE SHIFT
 RT ∞ EFFECTS
 ISOTOPES
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 . . . ARGON ISOTOPES
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 . . . BERYLLIUM 7
 . . . BERYLLIUM 9
 . . . BERYLLIUM 10
 . . . BISMUTH ISOTOPES
 . . . BORON ISOTOPES
 . . . BORON 10
 . . . BROMINE ISOTOPES
 . . . CADMIUM ISOTOPES
 . . . CALCIUM ISOTOPES
 . . . CARBON ISOTOPES
 . . . CARBON 12
 . . . CARBON 13
 . . . CARBON 14
 . . . CERIUM ISOTOPES
 . . . CERIUM 137
 . . . CERIUM 144
 . . . CESIUM ISOTOPES
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 . . . CESIUM 134
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 . . . CESIUM VAPOR
 . . . CHROMIUM ISOTOPES
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 . . . COBALT 60
 . . . DYSPROSIUM ISOTOPES
 . . . ERBIUM ISOTOPES
 . . . EUROPIUM ISOTOPES
 . . . FLUORINE ISOTOPES
 . . . GADOLINIUM ISOTOPES
 . . . GALLIUM ISOTOPES
 . . . GERMANIUM ISOTOPES
 . . . GOLD ISOTOPES
 . . . GOLD 198
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 . . . HELIUM ISOTOPES
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 . . . HYDROGEN ISOTOPES
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 . . . MOLYBDENUM ISOTOPES
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 . . . NICKEL ISOTOPES
 . . . NIOBIUM ISOTOPES
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 . . . NITROGEN 15
 . . . NITROGEN 16
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 . . . POTASSIUM 38
 . . . POTASSIUM 39
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 . . . PRASEODYMIUM ISOTOPES
 . . . PROMETHIUM ISOTOPES
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 . . . RADIOACTIVE ISOTOPES
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 ZINC ISOTOPES
 ZIRCONIUM ISOTOPES
 ZIRCONIUM 95

RT

ATOMS
 HEAVY IONS
 ISOTOPE EFFECT
 ISOTOPE SEPARATION
 ISOTOPIC ENRICHMENT
 ISOTOPIC LABELING
 JET MEMBRANE PROCESS
 METALS
 NUCLEAR ISOBARS
 NUCLEI (NUCLEAR PHYSICS)
 RADIOACTIVE MATERIALS

ISOTOPIC ENRICHMENT

GS ENRICHMENT
 . ISOTOPIC ENRICHMENT
 . JET MEMBRANE PROCESS
 RT BENEFICIATION
 . CHEMICAL ELEMENTS
 . CONCENTRATION
 . ISOTOPES
 . NUCLIDES

ISOTOPIC LABELING

GS MARKING
 . ISOTOPIC LABELING
 RT CHEMICAL ANALYSIS
 . ISOTOPES
 . RADIOACTIVE ISOTOPES
 . RADIOCHEMISTRY
 . TRACE ELEMENTS
 . TRACERS

ISOTOPIC SPIN

GS SPIN
 . PARTICLE SPIN
 . ISOTOPIC SPIN

ISOTROPIC MEDIA

GS ISOTROPY
 . ISOTROPIC MEDIA

ISOTROPIC MEDIA--(cont.)

RT ANISOTROPIC MEDIA

ISOTROPIC TURBULENCE

GS TURBULENCE
 . ISOTROPIC TURBULENCE
 RT ATMOSPHERIC TURBULENCE
 . COORDINATE TRANSFORMATIONS
 . HOMOGENEOUS TURBULENCE
 . INSTRUMENT RECEIVERS
 . INVARIANT IMBEDDINGS
 . KOLMOGOROV THEORY
 . MAGNETOHYDRODYNAMIC TURBULENCE
 . TURBULENT FLOW

ISOTROPISM

RT REFRACTIVITY
 . SYMMETRY

ISOTROPY

UF SPATIAL ISOTROPY
 GS ISOTROPY
 . ISOTROPIC MEDIA
 RT ANISOTROPIC FLUIDS
 . ANISOTROPY
 . BRAGG ANGLE
 . CRYSTAL STRUCTURE
 . CRYSTALLOGRAPHY
 . CRYSTALS
 . DENDRITIC CRYSTALS
 . DIRECTIVITY
 . FIELD STRENGTH
 . MECHANICAL PROPERTIES
 . METALLOGRAPHY
 . OPTICAL PROPERTIES
 . ORIENTATION
 . PHYSICAL PROPERTIES

ISRAEL

GS NATIONS
 . ISRAEL
 RT ASIA
 . ISRAELI SPACE PROGRAM
 . ISRAELI SPACECRAFT

ISRAELI SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . ISRAELI SPACE PROGRAM
 RT ISRAEL
 . ISRAELI SPACECRAFT

ISRAELI SPACECRAFT

RT ISRAEL
 . ISRAELI SPACE PROGRAM
 . SPACECRAFT

ISRO

UF INDIAN SPACE RESEARCH
 . ORGANIZATION
 GS ORGANIZATIONS
 . ISRO
 RT INDIA
 . SPACE PROGRAMS

ISTHMUSES

GS LAND
 . ISTHMUSES
 . LANDFORMS
 . ISTHMUSES
 RT GEOLOGY
 . OCEANOGRAPHY
 . PENINSULAS
 . TOPOGRAPHY
 . WATER

ISY

USE INTERNATIONAL SPACE YEAR

ITALIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . EUROPEAN SPACE PROGRAMS
 . ITALIAN SPACE PROGRAM
 RT ITALY
 . ORBITING FROG OTOLITH
 . SIRIO SATELLITE

ITALY

GS NATIONS
 . ITALY
 RT ADRIATIC SEA
 . ALPS MOUNTAINS (EUROPE)
 . EUROPE

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ITALIAN SPACE PROGRAM
 . SAN MARINO
 . SICILY
 . SIRIO SATELLITE
 . VATICAN CITY

ITCHING

RT CONTACT DERMATITIS
 . DERMATITIS
 . HISTAMINES
 . SENSITIVITY
 . SENSORY PERCEPTION

ITERATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . . ITERATION
 . . . CONJUGATE GRADIENT METHOD
 . . . ITERATIVE SOLUTION
 . . . NEWTON METHODS
 . . . PREDICTOR-CORRECTOR METHODS
 RT MULTIGRID METHODS
 . PROBABILITY THEORY
 . PROBLEM SOLVING

ITERATIVE NETWORKS

GS CIRCUITS
 . ITERATIVE NETWORKS
 RT IMPEDANCE MATCHING

ITERATIVE SOLUTION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . . ITERATION
 . . . ITERATIVE SOLUTION
 . . . PROBLEM SOLVING
 . . . ITERATIVE SOLUTION
 RT ASYMPTOTIC METHODS
 . CHOLESKY FACTORIZATION
 . CONJUGATE GRADIENT METHOD
 . FINITE ELEMENT METHOD
 . MULTIGRID METHODS
 . NEWTON METHODS
 . PREDICTOR-CORRECTOR METHODS
 . STRANGE ATTRACTORS

ITO (SEMICONDUCTORS)

UF INDIUM-TIN-OXIDE SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . METAL OXIDE SEMICONDUCTORS
 . . . ITO (SEMICONDUCTORS)
 . SEMICONDUCTORS (MATERIALS)
 . METAL OXIDE SEMICONDUCTORS
 . ITO (SEMICONDUCTORS)
 RT CHARGE COUPLED DEVICES
 . CHARGE TRANSFER DEVICES
 . CMOS
 . HETEROJUNCTION DEVICES
 . ION IMPLANTATION
 . RECTIFIERS
 . SOS (SEMICONDUCTORS)

ITOS SATELLITES

UF IMPROVED TIROS OPERATIONAL
 . SATELLITES
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 . . . ITO SATELLITES
 ITO 1
 ITO 2
 ITO 3
 ITO 4
 RT TIROS M
 . TIROS N SERIES SATELLITES

ITOS 1

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 . . . ITO SATELLITES
 ITO 1
 RT TIROS M
 . TIROS N SERIES SATELLITES
 . TIROS OPERATIONAL SATELLITE
 . SYSTEM

ITOS 2

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . . TIROS SATELLITES
 . . . ITO SATELLITES

ITOS 2--(cont.)

... ITOS 2
RT TIROS M
TIROS N SERIES SATELLITES
TIROS OPERATIONAL SATELLITE
SYSTEM

ITOS 3
GS ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
ITOS SATELLITES
... ITOS 3
RT TIROS M
TIROS N SERIES SATELLITES
TIROS OPERATIONAL SATELLITE
SYSTEM

ITOS 4
GS ARTIFICIAL SATELLITES
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TIROS SATELLITES
ITOS SATELLITES
... ITOS 4
RT TIROS M
TIROS N SERIES SATELLITES
TIROS OPERATIONAL SATELLITE
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IUE
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SAS-D
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GS ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
... IUE
RT EXPLORER SATELLITES
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IUS
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IVUNA METEORITE
GS CELESTIAL BODIES
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CARBONACEOUS CHONDRITES
... IVUNA METEORITE
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... IVUNA METEORITE

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I2S CAMERAS
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I2S CAMERAS
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FRACTURE STRENGTH
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J-2 ENGINE

GS ENGINES
ROCKET ENGINES
LIQUID PROPELLANT ROCKET
ENGINES
HYDROGEN OXYGEN ENGINES
... J-2 ENGINE
RT NOVA LAUNCH VEHICLES
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES

J-33 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-33 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-33 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-33 ENGINE
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J-33 ENGINE
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J-34 ENGINE

UF XJ-34-WE-32 ENGINE
GS ENGINES
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GAS TURBINE ENGINES
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JET ENGINES
TURBOJET ENGINES
... J-34 ENGINE
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GAS TURBINE ENGINES
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J-47 ENGINE

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GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
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TURBOJET ENGINES
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J-52 ENGINE

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GAS TURBINE ENGINES
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J-57 ENGINE

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AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
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GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-57 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
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... J-57 ENGINE
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J-57-P-20 ENGINE

GS ENGINES
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J-58 ENGINE

GS AIRCRAFT ENGINES
J-58 ENGINE

J-65 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-65 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-65 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-65 ENGINE
RT A-4 AIRCRAFT

J-69-T-25 ENGINE

UF MARBORE 2 ENGINE
GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-69-T-25 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-69-T-25 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
... J-69-T-25 ENGINE

J-71 ENGINE

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GAS TURBINE ENGINES
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GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
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TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES

J-71 ENGINE--(cont.)

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 ... **J-71 ENGINE**

J-73 ENGINE

UF YJ-73-GE-3 ENGINE
 YJ73 TURBOJET ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
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 . **J-73 ENGINE**
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
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 . **J-73 ENGINE**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
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 . TURBOJET ENGINES
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J-75 ENGINE

GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
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 . **J-75 ENGINE**
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
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 . **J-75 ENGINE**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-75 ENGINE**

J-79 ENGINE

UF XJ-79-GE-1 ENGINE
 YJ-79 ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
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 . INTERNAL COMBUSTION ENGINES
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 . **J-79 ENGINE**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-79 ENGINE**
 RT F-4 AIRCRAFT

J-85 ENGINE

UF YJ-85 ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-85 ENGINE**
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-85 ENGINE**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-85 ENGINE**
 RT BLUE GOOSE MISSILE
 OSPREY MISSILE

J-93 ENGINE

UF J93-MJ252H ENGINE
 J93-MJ280G ENGINE
 YJ-93 ENGINE
 YJ-93-GE-3 ENGINE
 GS ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-93 ENGINE**

J-93 ENGINE--(cont.)

. INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-93 ENGINE**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . **J-93 ENGINE**

J-97 ENGINE

GS AIRCRAFT ENGINES
 . **J-97 ENGINE**
 ENGINES
 . AIR BREATHING ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . TURBOFAN ENGINES
 . **J-97 ENGINE**
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . TURBOFAN ENGINES
 . **J-97 ENGINE**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . TURBOJET ENGINES
 . TURBOFAN ENGINES
 . **J-97 ENGINE**

JABIRU ROCKET VEHICLE

USE JAGUAR ROCKET VEHICLE

JACKETS

SN (EXCLUDES CLOTHING)
 RT ABSORBERS (MATERIALS)
 ∞ CASING
 COOLING
 COVERINGS
 HEATING
 INSULATION
 LININGS
 SHEATHS

JACKING EQUIPMENT

USE JACKS (LIFTS)

∞ JACKS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ELECTRIC CONNECTORS
 ELEVATORS (LIFTS)
 JACKS (LIFTS)

JACKS (ELECTRICAL)

USE ELECTRIC CONNECTORS

JACKS (LIFTS)

UF JACKING EQUIPMENT
 RT ∞ JACKS
 ∞ LIFTS
 POSITIONING DEVICES (MACHINERY)
 TUNNELING (EXCAVATION)

JACOBI INTEGRAL

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . **JACOBI INTEGRAL**
 RT CONFORMAL MAPPING
 DIFFUSION THEORY
 ELLIPTIC FUNCTIONS
 GREEN'S FUNCTIONS
 POTENTIAL THEORY
 WEIERSTRASS FUNCTIONS

JACOBI MATRIX METHOD

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . **JACOBI MATRIX METHOD**
 RT CALCULUS OF VARIATIONS
 EIGENVALUES
 EIGENVECTORS
 HERMITIAN POLYNOMIAL
 ∞ METHODOLOGY

JACOBI POLYNOMIALS

USE HYPERGEOMETRIC FUNCTIONS

JAGUAR AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **JAGUAR AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **JAGUAR AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **JAGUAR AIRCRAFT**
 TRAINING AIRCRAFT
 . **JAGUAR AIRCRAFT**
 RT ∞ AIRCRAFT
 BREGUET AIRCRAFT
 ∞ MILITARY AIRCRAFT

JAGUAR ROCKET VEHICLE

UF JABIRU ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **JAGUAR ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . **JAGUAR ROCKET VEHICLE**
 RT SOLID PROPELLANT ROCKET ENGINES

JAHN-TELLER EFFECT

RT ∞ EFFECTS
 ELECTRON PARAMAGNETIC RESONANCE
 ELECTRON TRANSITIONS
 ORBITALS

JAMAICA

GS LANDFORMS
 . ISLANDS
 . WEST INDIES
 . **JAMAICA**
 NATIONS
 . **JAMAICA**
 RT CARIBBEAN REGION

JAMMERS

RT AIR DEFENSE
 JAMMING
 RADAR EQUIPMENT
 RADIO EQUIPMENT

JAMMING

GS COUNTERMEASURES
 . **JAMMING**
 ELECTROMAGNETIC INTERFERENCE
 . **JAMMING**
 RT CLUTTER
 ELECTRONIC COUNTERMEASURES
 ELECTRONIC WARFARE
 FREQUENCY HOPPING
 ∞ INTERFERENCE
 JAMMERS
 RADIO FREQUENCY INTERFERENCE
 WHITE NOISE

JANUS

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . SATURN SATELLITES
 . **JANUS**
 RT SATURN (PLANET)

JANUS REACTOR

GS NUCLEAR REACTORS
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . **JANUS REACTOR**

JANUS SPACECRAFT

GS GLIDERS
 . **JANUS SPACECRAFT**
 LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . **JANUS SPACECRAFT**
 MANEUVERABLE SPACECRAFT
 . **JANUS SPACECRAFT**
 MANNED SPACECRAFT
 . **JANUS SPACECRAFT**
 REENTRY VEHICLES
 . MANEUVERABLE REENTRY BODIES
 . LIFTING REENTRY VEHICLES
 . **JANUS SPACECRAFT**
 SOFT LANDING SPACECRAFT
 . **JANUS SPACECRAFT**

JAPAN

GS LANDFORMS
 . ISLANDS
 . PACIFIC ISLANDS
 . **JAPAN**
 NATIONS

JAPAN--(cont.)

RT JAPAN
 ASIA
 JAPANESE SPACE PROGRAM
 JAPANESE SPACECRAFT

JAPANESE SPACE PROGRAM

GS PROGRAMS
 SPACE PROGRAMS
 JAPANESE SPACE PROGRAM
 RT GINGA SATELLITE
 JAPAN
 JAPANESE SPACECRAFT
 METEOROLOGICAL SATELLITES
 RESEARCH PROJECTS
 SATELLITE DESIGN
 SPACE MISSIONS
 SPACE TRANSPORTATION
 SPACECRAFT
 SPACECRAFT DESIGN
 TENMA SATELLITE

JAPANESE SPACECRAFT

UF MOS (JAPANESE SPACECRAFT)
 GS JAPANESE SPACECRAFT
 EXOS SATELLITES
 EXOS-A SATELLITE
 EXOS-B SATELLITE
 EXOS-C SATELLITE
 EXOS-D SATELLITE
 GINGA SATELLITE
 TENMA SATELLITE
 RT JAPAN
 JAPANESE SPACE PROGRAM
 SPACECRAFT

JARRING

USE MECHANICAL SHOCK

JATO ENGINES

UF JET ASSISTED TAKEOFF
 GS ENGINES
 JATO ENGINES
 LAUNCHERS
 AIRCRAFT LAUNCHING DEVICES
 JATO ENGINES
 RT SHORT TAKEOFF AIRCRAFT
 SOLID PROPELLANT ROCKET ENGINES
 TAKEOFF

JAVELIN AIRCRAFT

USE GA-5 AIRCRAFT

JAVELIN ROCKET VEHICLE

GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 JAVELIN ROCKET VEHICLE
 RT ARGO ROCKET VEHICLES
 ROCKET PROPELLED SLEDS
 SOLID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS

JC-130 AIRCRAFT

USE C-130 AIRCRAFT

JEANS THEORY

RT THEORIES

JEEPS

USE AUTOMOBILES

JERBOAS

GS ANIMALS
 VERTEBRATES
 MAMMALS
 RODENTS
 MICE
 JERBOAS

JET AIRCRAFT

UF JET FLIGHT
 TURBOJET AIRCRAFT
 GS JET AIRCRAFT
 A-2 AIRCRAFT
 A-3 AIRCRAFT
 A-4 AIRCRAFT
 A-5 AIRCRAFT
 A-6 AIRCRAFT
 ALPHA JET AIRCRAFT
 AN-2 AIRCRAFT
 AVRO 707 AIRCRAFT
 B-47 AIRCRAFT
 B-50 AIRCRAFT
 B-52 AIRCRAFT

JET AIRCRAFT--(cont.)

B-57 AIRCRAFT
 B-58 AIRCRAFT
 B-66 AIRCRAFT
 B-70 AIRCRAFT
 BOEING 747 AIRCRAFT
 BOEING 2707 AIRCRAFT
 BUCCANEER AIRCRAFT
 C-5 AIRCRAFT
 C-8A AUGMENTOR WING AIRCRAFT
 C-9 AIRCRAFT
 C-119 AIRCRAFT
 C-135 AIRCRAFT
 C-140 AIRCRAFT
 CANBERRA AIRCRAFT
 CL-41 AIRCRAFT
 CL-823 AIRCRAFT
 COMET 4 AIRCRAFT
 CV-880 AIRCRAFT
 D-558 AIRCRAFT
 DC 9 AIRCRAFT
 DC 10 AIRCRAFT
 DH 112 AIRCRAFT
 DH 115 AIRCRAFT
 DH 125 AIRCRAFT
 DHC 2 AIRCRAFT
 EUROPEAN AIRBUS
 A-300 AIRCRAFT
 A-310 AIRCRAFT
 A-320 AIRCRAFT
 F-2 AIRCRAFT
 F-5 AIRCRAFT
 F-8 AIRCRAFT
 F-9 AIRCRAFT
 F-14 AIRCRAFT
 F-15 AIRCRAFT
 F-16 AIRCRAFT
 F-17 AIRCRAFT
 F-18 AIRCRAFT
 F-20 AIRCRAFT
 F-22 AIRCRAFT
 F-84 AIRCRAFT
 F-86 AIRCRAFT
 F-89 AIRCRAFT
 F-94 AIRCRAFT
 F-100 AIRCRAFT
 F-101 AIRCRAFT
 F-102 AIRCRAFT
 F-104 AIRCRAFT
 F-105 AIRCRAFT
 F-106 AIRCRAFT
 F-117A AIRCRAFT
 FD 2 AIRCRAFT
 G-91 AIRCRAFT
 G-95/4 AIRCRAFT
 GA-5 AIRCRAFT
 H-17 HELICOPTER
 H-126 AIRCRAFT
 HFB-320 AIRCRAFT
 HP-115 AIRCRAFT
 HS-801 AIRCRAFT
 JET PROVOST AIRCRAFT
 JETSTREAM AIRCRAFT
 JINDIVIK TARGET AIRCRAFT
 L-29 JET TRAINER
 L-1011 AIRCRAFT
 L-2000 AIRCRAFT
 LEAR JET AIRCRAFT
 MIRAGE AIRCRAFT
 MIRAGE 3 AIRCRAFT
 NORD 1500 AIRCRAFT
 P-3 AIRCRAFT
 P-308 AIRCRAFT
 PD-808 AIRCRAFT
 PHANTOM AIRCRAFT
 F-4 AIRCRAFT
 SC-1 AIRCRAFT
 SCIMITAR AIRCRAFT
 T-2 AIRCRAFT
 T-33 AIRCRAFT
 T-37 AIRCRAFT
 T-38 AIRCRAFT
 T-39 AIRCRAFT
 TS-11 AIRCRAFT
 TSR-2 AIRCRAFT
 TU-104 AIRCRAFT
 TU-124 AIRCRAFT
 TURBOFAN AIRCRAFT
 A-7 AIRCRAFT
 BAC 111 AIRCRAFT
 BOEING 707 AIRCRAFT
 BOEING 720 AIRCRAFT
 BOEING 727 AIRCRAFT
 BOEING 733 AIRCRAFT
 BOEING 737 AIRCRAFT
 BOEING 757 AIRCRAFT

JET AIRCRAFT--(cont.)

BOEING 767 AIRCRAFT
 C-141 AIRCRAFT
 CL-600 CHALLENGER AIRCRAFT
 CONCORDE AIRCRAFT
 CV-990 AIRCRAFT
 DC 8 AIRCRAFT
 DH 121 AIRCRAFT
 DO-31 AIRCRAFT
 F-28 TRANSPORT AIRCRAFT
 F-111 AIRCRAFT
 IL-62 AIRCRAFT
 MYSTERE 20 AIRCRAFT
 P-1127 AIRCRAFT
 P-1154 AIRCRAFT
 SAAB 37 AIRCRAFT
 SAAB 105 AIRCRAFT
 SE-210 AIRCRAFT
 TU-134 AIRCRAFT
 TU-144 AIRCRAFT
 TURBOPROP AIRCRAFT
 AN-22 AIRCRAFT
 AN-24 AIRCRAFT
 ARGOSY MK-1 AIRCRAFT
 BREQUET 941 AIRCRAFT
 BREQUET 1150 AIRCRAFT
 C-2 AIRCRAFT
 C-130 AIRCRAFT
 C-133 AIRCRAFT
 C-160 AIRCRAFT
 CL-44 AIRCRAFT
 CL-84 AIRCRAFT
 DHC 5 AIRCRAFT
 E-2 AIRCRAFT
 ELECTRA AIRCRAFT
 F-27 AIRCRAFT
 G-222 AIRCRAFT
 HS-748 AIRCRAFT
 MH-262 AIRCRAFT
 OV-1 AIRCRAFT
 OV-10 AIRCRAFT
 SC-5 AIRCRAFT
 VISCOUNT AIRCRAFT
 YS-11 AIRCRAFT
 U-2 AIRCRAFT
 VALIANT AIRCRAFT
 VAMPIRE MK 35 AIRCRAFT
 VC-10 AIRCRAFT
 VICTOR MK-1 AIRCRAFT
 VJ-101 AIRCRAFT
 VULCAN AIRCRAFT
 X-3 AIRCRAFT
 X-5 AIRCRAFT
 X-13 AIRCRAFT
 X-14 AIRCRAFT
 X-21 AIRCRAFT
 X-21A AIRCRAFT
 XC-142 AIRCRAFT
 XV-4 AIRCRAFT
 XV-5 AIRCRAFT
 XV-9A AIRCRAFT
 YAK 40 AIRCRAFT
 RT AIRCRAFT
 AIRCRAFT NOISE
 ATTACK AIRCRAFT
 B-1 AIRCRAFT
 B-2 AIRCRAFT
 BOMBER AIRCRAFT
 CARGO AIRCRAFT
 COMMERCIAL AIRCRAFT
 FIGHTER AIRCRAFT
 FLYING PLATFORMS
 GENERAL AVIATION AIRCRAFT
 HYPERSONIC AIRCRAFT
 JETS
 LOW WING AIRCRAFT
 MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 PASSENGER AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 SUBSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 TAILLESS AIRCRAFT
 TANDEM WING AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 TU-154 AIRCRAFT
 TURBOJET ENGINES
 V/STOL AIRCRAFT
 WINGED VEHICLES
 YF-12 AIRCRAFT

JET AIRCRAFT NOISE

UF JET NOISE
 GS ELASTIC WAVES
 . SOUND WAVES
 . NOISE (SOUND)
 . AIRCRAFT NOISE
 . . . **JET AIRCRAFT NOISE**
 RT ACOUSTIC RETROFITTING
 AERODYNAMIC NOISE
 ∞ AIRCRAFT
 AIRCRAFT RUNUP
 ENGINE NOISE
 MUFFLERS
 NOISE MEASUREMENT
 NOISE REDUCTION
 QUIET ENGINE PROGRAM
 SONIC BOOMS

JET AIRSTREAMS

USE JET STREAMS (METEOROLOGY)

JET AMPLIFIERS

UF FLUID JET AMPLIFIERS
 GS AMPLIFIERS
 . FLUID AMPLIFIERS
 . . . **JET AMPLIFIERS**
 RT COANDA EFFECT
 FLUID JETS
 ∞ JET NOZZLES
 NOZZLE WALLS

JET ASSISTED TAKEOFF

USE JATO ENGINES

JET AUGMENTED WING FLAPS

USE JET FLAPS
 WING FLAPS

JET BLAST EFFECTS

RT ∞ BLASTS
 ∞ EFFECTS
 EXHAUST GASES
 GROUND EFFECT (AERODYNAMICS)
 NOISE (SOUND)
 PRESSURE EFFECTS
 TEMPERATURE EFFECTS

JET BOUNDARIES

GS BOUNDARIES
 . FLUID BOUNDARIES
 . . . **JET BOUNDARIES**
 INTERFACES
 . FLUID BOUNDARIES
 . . . **JET BOUNDARIES**
 RT FREE JETS
 LIQUID SURFACES
 WALL JETS

JET CONDENSERS

GS CONDENSERS (LIQUEFIERS)
 . **JET CONDENSERS**
 RT ∞ CONDENSERS
 LIQUEFACTION
 NUCLEATION
 SPRAY CONDENSERS
 WORKING FLUIDS

JET CONTROL

RT AUTOMATIC CONTROL
 BOUNDARY LAYER CONTROL
 ∞ CONTROL
 DIRECTIONAL CONTROL
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL
 THRUST CONTROL
 VARIABLE THRUST

JET DAMPING

USE DAMPING
 SPIN REDUCTION

JET DRAGON AIRCRAFT

USE DH 125 AIRCRAFT

JET DRIVE

USE JET PROPULSION

JET ENGINE FUELS

UF JET FUELS
 GS FUELS
 . CHEMICAL FUELS
 . . . HYDROCARBON FUELS
 . . . **JET ENGINE FUELS**
 . . . JP-4 JET FUEL

JET ENGINE FUELS--(cont.)

. . . JP-5 JET FUEL
 . . . JP-6 JET FUEL
 . . . JP-8 JET FUEL
 . . . LIQUID FUELS
 . . . **JET ENGINE FUELS**
 . . . JP-4 JET FUEL
 . . . JP-5 JET FUEL
 . . . JP-6 JET FUEL
 . . . JP-8 JET FUEL

RT AIRCRAFT FUELS
 ANTIMISTING FUELS
 GASOLINE
 KEROSENE
 TURBINES

JET ENGINES

SN (EXCLUDES HYDROJET ENGINES)
 GS ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . **JET ENGINES**
 . . . RAMJET ENGINES
 . . . INTEGRAL ROCKET RAMJETS
 . . . LOW VOLUME RAMJET ENGINES
 . . . PULSEJET ENGINES
 . . . SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 CONVERTIBLE FAN-SHAFT
 ENGINES
 J-97 ENGINE
 TF-41 ENGINE
 TURBOPROP ENGINES
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 TURBORAMJET ENGINES
 INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . . . **JET ENGINES**
 . . . RAMJET ENGINES
 . . . INTEGRAL ROCKET RAMJETS
 . . . LOW VOLUME RAMJET ENGINES
 . . . PULSEJET ENGINES
 . . . SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE

JET ENGINES--(cont.)

. . . TURBOFAN ENGINES
 . . . BRISTOL-SIDDELEY BS 53
 ENGINE
 . . . CF-700 ENGINE
 . . . CONVERTIBLE FAN-SHAFT
 ENGINES
 . . . J-97 ENGINE
 . . . TF-30 ENGINE
 . . . TF-41 ENGINE
 . . . TURBOPROP ENGINES
 . . . T-34 ENGINE
 . . . T-38 ENGINE
 . . . T-53 ENGINE
 . . . T-56 ENGINE
 . . . T-64 ENGINE
 . . . T-74 ENGINE
 . . . T-78 ENGINE
 . . . TURBORAMJET ENGINES
 . . . TURBINE ENGINES
 . . . GAS TURBINE ENGINES
 . . . **JET ENGINES**
 . . . RAMJET ENGINES
 . . . LOW VOLUME RAMJET ENGINES
 . . . PULSEJET ENGINES
 . . . SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 T-63 ENGINE
 T-76 ENGINE
 TURBOJET ENGINES
 BRISTOL-SIDDELEY OLYMPUS
 593 ENGINE
 BRISTOL-SIDDELEY VIPER
 ENGINE
 DUCTED FAN ENGINES
 J-33 ENGINE
 J-34 ENGINE
 J-47 ENGINE
 J-52 ENGINE
 J-57 ENGINE
 J-57-P-20 ENGINE
 J-65 ENGINE
 J-69-T-25 ENGINE
 J-71 ENGINE
 J-73 ENGINE
 J-75 ENGINE
 J-79 ENGINE
 J-85 ENGINE
 J-93 ENGINE
 RA-28 ENGINE
 TURBOFAN ENGINES
 BRISTOL-SIDDELEY BS 53
 ENGINE
 CF-700 ENGINE
 CONVERTIBLE FAN-SHAFT
 ENGINES
 J-97 ENGINE
 TF-30 ENGINE
 TF-41 ENGINE
 TURBOPROP ENGINES
 T-34 ENGINE
 T-38 ENGINE
 T-53 ENGINE
 T-56 ENGINE
 T-64 ENGINE
 T-74 ENGINE
 T-78 ENGINE
 TURBORAMJET ENGINES
 RT AFTERBURNING
 AIRCRAFT ENGINES
 COMBUSTION CHAMBERS
 EJECTORS
 ENGINE STARTERS
 EXHAUST NOZZLES
 FLAMEOUT
 FLYING EJECTION SEATS
 FUEL INJECTION
 FUEL PUMPS
 HELICOPTER ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 HYBRID PROPULSION
 INFRARED SUPPRESSION
 ∞ JET NOZZLES
 QUIET ENGINE PROGRAM
 REACTION PRODUCTS
 ROCKET ENGINES
 THRUST

JET EXHAUST

UF HOT JET EXHAUST
 RT BASE HEATING
 EXHAUST EMISSION
 EXHAUST GASES
 INFRARED SUPPRESSION
 ROCKET EXHAUST

JET FLAMES

USE FLAMES
JET FLOW

JET FLAPS

UF JET AUGMENTED WING FLAPS
GS AIRFOILS
. FLAPS (CONTROL SURFACES)
. . **JET FLAPS**
CONTROL SURFACES
. FLAPS (CONTROL SURFACES)
. . **JET FLAPS**
RT EXTERNALLY BLOWN FLAPS
H-126 AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SPLIT FLAPS
TRAILING EDGE FLAPS
VORTEX FLAPS
WING FLAPS

JET FLIGHT

USE JET AIRCRAFT

JET FLOW

UF HOT JETS
JET FLAMES
LAMINAR JETS
REACTION JETS
GS FLUID FLOW
. **JET FLOW**
. . AIR JETS
. . PERIPHERAL JET FLOW
. . SUPERSONIC JET FLOW
RT FLUID JETS
FREE BOUNDARIES
FREE JETS
GAS STREAMS
HYDRAULIC JETS
INJECTORS
JET MEMBRANE PROCESS
∞ JETS
NOZZLE FLOW
PARTICLE LADEN JETS
SPANWISE BLOWING
TWO DIMENSIONAL JETS
VAPOR JETS
WALL JETS

JET FUELS

USE JET ENGINE FUELS

JET IMPINGEMENT

GS IMPINGEMENT
. **JET IMPINGEMENT**
RT ABLATION
BASE HEATING

JET LAG

GS BIOLOGICAL EFFECTS
. **JET LAG**
DISORIENTATION
. **JET LAG**
PSYCHOLOGICAL EFFECTS
. **JET LAG**
RT DESYNCHRONIZATION (BIOLOGY)
DISORDERS
FLIGHT STRESS (BIOLOGY)
RHYTHM (BIOLOGY)
SUPERSONIC FLIGHT

JET LIFT

GS AERODYNAMIC CHARACTERISTICS
. LIFT
. . **JET LIFT**
AERODYNAMIC FORCES
. LIFT
. . **JET LIFT**
DYNAMIC CHARACTERISTICS
. LIFT
. . **JET LIFT**
RT DISTRIBUTION (PROPERTY)

JET MEMBRANE PROCESS

GS ENRICHMENT
. ISOTOPIC ENRICHMENT
. . **JET MEMBRANE PROCESS**
RT GAS DYNAMICS
ISOTOPE SEPARATION
ISOTOPES
JET FLOW
MEMBRANES
∞ PROCESSES
URANIUM

JET MIXING FLOW

GS FLUID FLOW
. **JET MIXING FLOW**
RT FLUID JETS
FREE BOUNDARIES
FUEL INJECTION
INJECTORS
∞ JETS
MIXING
MIXING LAYERS (FLUIDS)
PREMIXING
TWO DIMENSIONAL JETS

JET NOISE

USE JET AIRCRAFT NOISE

∞ **JET NOZZLES**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CARBURETORS
CONICAL NOZZLES
EXHAUST DIFFUSERS
EXHAUST NOZZLES
FUEL INJECTION
INJECTORS
JET AMPLIFIERS
JET ENGINES
SKIRTS

JET PILOTS

USE AIRCRAFT PILOTS

JET PROPULSION

UF JET DRIVE
GS PROPULSION
. **JET PROPULSION**
RT AIRCRAFT ENGINES
CHEMICAL PROPULSION
HELICOPTER PROPELLER DRIVE
MARINE PROPULSION
ROCKET ENGINES
SQUID PROJECT
TURBINES

JET PROVOST AIRCRAFT

UF HUNTING P-84 AIRCRAFT
P-84 AIRCRAFT
GS ATTACK AIRCRAFT
. FIGHTER AIRCRAFT
. . **JET PROVOST AIRCRAFT**
BAC AIRCRAFT
. **JET PROVOST AIRCRAFT**
JET AIRCRAFT
. **JET PROVOST AIRCRAFT**
MONOPLANES
. **JET PROVOST AIRCRAFT**
SINGLE ENGINE AIRCRAFT
. **JET PROVOST AIRCRAFT**
TRAINING AIRCRAFT
. **JET PROVOST AIRCRAFT**
RT ∞ AIRCRAFT

JET PUMPS

SN (EXCLUDES DEVICES USING A LIQUID
OR GAS TO INDUCE MOVEMENT OF A
GAS SUCH AS AIR EJECTORS)
GS PUMPS
. **JET PUMPS**
RT EJECTORS
FUEL PUMPS
∞ JETS
∞ PUMPING
TURBINE PUMPS
VACUUM PUMPS

JET STAR AIRCRAFT

USE C-140 AIRCRAFT

JET STREAMS (METEOROLOGY)

UF JET AIRSTREAMS
GS FLUID FLOW
. GAS FLOW
. . AIR FLOW
. . . AIR CURRENTS
. . . . **JET STREAMS (METEOROLOGY)**
MESOSCALE PHENOMENA
. **JET STREAMS (METEOROLOGY)**
WIND (METEOROLOGY)
. WINDS ALOFT
. . **JET STREAMS (METEOROLOGY)**
RT AIR JETS
ATMOSPHERIC CIRCULATION
CIRCUMPOLAR WESTERLIES
CLEAR AIR TURBULENCE

JET STREAMS (METEOROLOGY)--(cont.)

COANDA EFFECT
FLUID JETS
FREE BOUNDARIES
TURBULENT JETS
ZONAL FLOW (METEOROLOGY)

JET THRUST

UF REACTION JETS
GS THRUST
. **JET THRUST**
RT COLD GAS
CONVERTIBLE FAN-SHAFT ENGINES
HIGH THRUST
LOW THRUST
MICROTHRUST
ROCKET THRUST
STATIC THRUST
THRUST LOADS
VARIABLE THRUST

JET VANES

GS CONTROL SURFACES
. GUIDE VANES
. . **JET VANES**
VANES
. GUIDE VANES
. . **JET VANES**
RT AIRFOILS
THRUST VECTOR CONTROL
WALL JETS

JETAVATORS

USE GUIDE VANES

∞ **JETS**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR JETS
FLUID JETS
FREE JETS
GAS JETS
INJECTORS
JET AIRCRAFT
JET FLOW
JET MIXING FLOW
JET PUMPS
PLASMA JETS
SPRAYERS
TURBULENT JETS
TWO DIMENSIONAL JETS
WALL JETS

JETSTREAM AIRCRAFT

GS COMMERCIAL AIRCRAFT
. **JETSTREAM AIRCRAFT**
GRUMMAN AIRCRAFT
. **JETSTREAM AIRCRAFT**
JET AIRCRAFT
. **JETSTREAM AIRCRAFT**
PASSENGER AIRCRAFT
. **JETSTREAM AIRCRAFT**
RT ∞ AIRCRAFT

JETTIES

USE BREAKWATERS

JETTISON SYSTEMS

RT BAILOUT
EJECTION
EJECTION SEATS
ESCAPE (ABANDONMENT)
ESCAPE SYSTEMS
JETTISONING
∞ SYSTEMS
WING TANKS

JETTISONING

RT BAILOUT
DISPOSAL
DUMPING
EJECTION
EMPTYING
ESCAPE (ABANDONMENT)
EXPULSION
JETTISON SYSTEMS
SPILLING

JF 101 AIRCRAFT

USE F-101 AIRCRAFT

JFET

UF JUNCTION FIELD EFFECT TRANSISTORS

JFET--(cont.)

- GS ELECTRONIC EQUIPMENT
 - . SOLID STATE DEVICES
 - . SEMICONDUCTOR DEVICES
 - . TRANSISTORS
 - . FIELD EFFECT TRANSISTORS
 - **JFET**
 - JUNCTION TRANSISTORS
 - **JFET**
- RT BARRIER LAYERS
- ∞ JUNCTIONS

JIGS

- GS POSITIONING DEVICES (MACHINERY)
 - . **JIGS**
- RT CLAMPS
 - . FIXTURES
 - . HOLDERS
 - . MECHANICAL DEVICES
 - . TOOLS

JIKIKEN SATELLITE

- USE EXOS-B SATELLITE

JIMSPHERE BALLOONS

- GS EXPANDABLE STRUCTURES
 - . INFLATABLE STRUCTURES
 - . BALLOONS
 - . HIGH ALTITUDE BALLOONS
 - **JIMSPHERE BALLOONS**
 - METEOROLOGICAL BALLOONS
 - **JIMSPHERE BALLOONS**
- RT WIND (METEOROLOGY)

JINDIVIK TARGET AIRCRAFT

- GS DRONE VEHICLES
 - . DRONE AIRCRAFT
 - . TARGET DRONE AIRCRAFT
 - . . . **JINDIVIK TARGET AIRCRAFT**
 - . . . JET AIRCRAFT
 - . . . **JINDIVIK TARGET AIRCRAFT**
 - . . . MONOPLANES
 - . . . **JINDIVIK TARGET AIRCRAFT**
 - . . . PILOTLESS AIRCRAFT
 - . . . DRONE AIRCRAFT
 - . . . TARGET DRONE AIRCRAFT
 - . . . **JINDIVIK TARGET AIRCRAFT**
 - . . . TARGETS
 - . . . **JINDIVIK TARGET AIRCRAFT**
- RT ∞ AIRCRAFT
 - . REMOTELY PILOTED VEHICLES

JITTER

- USE VIBRATION

JOBS

- USE TASKS

JODRELL BANK OBSERVATORY

- GS OBSERVATORIES
 - . **JODRELL BANK OBSERVATORY**
- RT ASTRONOMICAL OBSERVATORIES
 - . GROUND STATIONS
 - . RADIO TELESCOPES
 - . TRACKING STATIONS

JOHNSTON ISLAND

- GS LANDFORMS
 - . ISLANDS
 - . PACIFIC ISLANDS
 - . . . **JOHNSTON ISLAND**

JOINED WINGS

- GS AIRFOILS
 - . WINGS
 - . . . **JOINED WINGS**
- RT AIRCRAFT CONFIGURATIONS
 - . DUAL WING CONFIGURATIONS
 - . RESEARCH AIRCRAFT
 - . TANDEM WING AIRCRAFT
 - . WING TIPS

∞ JOINING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF INTERCONNECTION
 - . LINKING
- RT ADHESION
 - . ADHESIVE BONDING
 - . ASSEMBLING
 - . BEAM LEADS
 - . BINDING
 - . BONDING

JOINING--(cont.)

- BRAZING
- COLD WORKING
- COUPLINGS
- CROSSLINKING
- FITTING
- FUSION (MELTING)
- INERTIA BONDING
- JOINTS (JUNCTIONS)
- LOCKING
- MOORING
- MOUNTING
- POSITIONING
- RETAINING
- RIVETING
- SEALING
- SEWING
- SOLDERING
- SPLICING
- ULTRASONIC SOLDERING
- WELDING
- YOKES

JOINT EUROPEAN TORUS

- GS NUCLEAR REACTORS
 - . TOKAMAK DEVICES
 - . . . **JOINT EUROPEAN TORUS**
 - . . . PLASMA GENERATORS
 - . . . TOKAMAK DEVICES
 - . . . **JOINT EUROPEAN TORUS**
- RT CONTROLLED FUSION
 - . REACTOR TECHNOLOGY

JOINTS (ANATOMY)

- GS ANATOMY
 - . MUSCULOSKELETAL SYSTEM
 - . . . **JOINTS (ANATOMY)**
 - . . . ELBOW (ANATOMY)
 - . . . KNEE (ANATOMY)
 - . . . WRIST
- RT ARTHRITIS
 - . BONES
 - . CONNECTIVE TISSUE
 - . FLEXORS
 - . LIGAMENTS
 - . SHOULDERS

JOINTS (JUNCTIONS)

- UF CONNECTIONS
 - . SHANKS
- GS **JOINTS (JUNCTIONS)**
 - . BOLTED JOINTS
 - . BONDED JOINTS
 - . BUTT JOINTS
 - . INTERFERENCE FIT
 - . LAP JOINTS
 - . METAL JOINTS
 - . . . SOLDERED JOINTS
 - . . . WELDED JOINTS
 - . . . SPOT WELDS
 - . . . RIVETED JOINTS
 - . . . SEAMS (JOINTS)
- RT ADAPTERS
 - . ADHESIVES
 - . BALLS
 - . BARRIER LAYERS
 - . BELLOWS
 - . BONDING
 - . CLOSURES
 - . CONNECTORS
 - . CORNERS
 - . COUPLINGS
 - . FASTENERS
 - . FILLETS
 - . FITTINGS
 - . ∞ JOINING
 - . ∞ JUNCTIONS
 - . LINKAGES
 - . METAL BONDING
 - . SLEEVES
 - . STRUCTURAL MEMBERS
 - . SWIVELS
 - . UNIONS (CONNECTORS)

JORDAN

- GS NATIONS
 - . **JORDAN**

JORDAN FORM

- GS ALGEBRA
 - . VECTOR SPACES
 - . . . MATRICES (MATHEMATICS)
 - . . . **JORDAN FORM**
- RT EIGENVALUES
 - . LINEAR TRANSFORMATIONS

JORDAN FORM--(cont.)

TENSORS

JOSEPHSON JUNCTIONS

- RT HIGH TEMPERATURE
 - . SUPERCONDUCTORS
 - . SIS (SUPERCONDUCTORS)
 - . SQUID (DETECTORS)
 - . SUPERCONDUCTIVITY
 - . TUNNEL JUNCTIONS

JOUKOWSKI TRANSFORMATION

- RT AIRFOIL PROFILES
 - . COMPLEX VARIABLES
 - . COORDINATE TRANSFORMATIONS
 - . KUTTA-JOUKOWSKI CONDITION
 - . THEODORSEN TRANSFORMATION

JOULE HEATING

- USE OHMIC DISSIPATION
 - . RESISTANCE HEATING

JOULE-THOMSON EFFECT

- RT CRYOGENICS
 - . ∞ EFFECTS
 - . ENTHALPY
 - . GAS EXPANSION
 - . GAS FLOW
 - . KINETIC THEORY
 - . OHMIC DISSIPATION
 - . THERMODYNAMIC PROPERTIES
 - . THERMODYNAMICS
 - . THROTTLING

JOURNAL BEARINGS

- GS BEARINGS
 - . **JOURNAL BEARINGS**
- RT ANTI-FRICTION BEARINGS
 - . FOIL BEARINGS

∞ JOURNALS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT NEWS MEDIA
 - . PERIODICALS
 - . SHAFTS (MACHINE ELEMENTS)

JOURNALS (DOCUMENTS)

- USE PERIODICALS

JOURNALS (SHAFTS)

- USE SHAFTS (MACHINE ELEMENTS)

JP-4 JET FUEL

- GS FUELS
 - . CHEMICAL FUELS
 - . . . HYDROCARBON FUELS
 - . . . JET ENGINE FUELS
 - **JP-4 JET FUEL**
 - . . . LIQUID FUELS
 - . . . JET ENGINE FUELS
 - **JP-4 JET FUEL**
- RT JP-6 JET FUEL
 - . JP-8 JET FUEL
 - . RP-1 ROCKET PROPELLANTS

JP-5 JET FUEL

- GS FUELS
 - . CHEMICAL FUELS
 - . . . HYDROCARBON FUELS
 - . . . JET ENGINE FUELS
 - **JP-5 JET FUEL**
 - . . . LIQUID FUELS
 - . . . JET ENGINE FUELS
 - **JP-5 JET FUEL**

JP-6 JET FUEL

- GS FUELS
 - . CHEMICAL FUELS
 - . . . HYDROCARBON FUELS
 - . . . JET ENGINE FUELS
 - **JP-6 JET FUEL**
 - . . . LIQUID FUELS
 - . . . JET ENGINE FUELS
 - **JP-6 JET FUEL**
- RT JP-4 JET FUEL
 - . JP-8 JET FUEL

JP-8 JET FUEL

- GS FUELS
 - . CHEMICAL FUELS
 - . . . HYDROCARBON FUELS
 - . . . JET ENGINE FUELS

JP-8 JET FUEL--(cont.)

... **JP-8 JET FUEL**
 ... LIQUID FUELS
 ... JET ENGINE FUELS
 ... **JP-8 JET FUEL**
 RT JP-4 JET FUEL
 JP-6 JET FUEL
 KEROSENE

JUDGMENTS

RT DECISION MAKING
 DECISIONS
 LEGAL LIABILITY
 PENALTIES

JUDI-DART ROCKET

GS MEASURING INSTRUMENTS
 ... SONDES
 ... **JUDI-DART ROCKET**
 ROCKET VEHICLES
 ... SOUNDING ROCKETS
 ... **JUDI-DART ROCKET**
 RT ROCKET SOUNDING

JUICES

GS LIQUIDS
 ... **JUICES**
 RT CREATINE

JUMPERS

GS CONDUCTORS
 ... ELECTROLYTES
 ... **JUMPERS**
 RT CONNECTORS
 SHORT CIRCUITS
 ∞ TERMINALS
 WIRE

JUNCTION DIODES

GS ELECTRONIC EQUIPMENT
 ... DIODES
 ... SEMICONDUCTOR DIODES
 ... **JUNCTION DIODES**
 ... SOLID STATE DEVICES
 ... SEMICONDUCTOR DEVICES
 ... **JUNCTION DIODES**
 ... MIM DIODES
 ... STEP RECOVERY DIODES
 RT BARRIER LAYERS
 BARRITT DIODES
 GERMANIUM DIODES
 HETEROJUNCTION DEVICES
 HETEROJUNCTIONS
 TUNNEL DIODES
 VARACTOR DIODES

JUNCTION FIELD EFFECT TRANSISTORS

USE JFET

JUNCTION TRANSISTORS

GS ELECTRONIC EQUIPMENT
 ... SOLID STATE DEVICES
 ... SEMICONDUCTOR DEVICES
 ... TRANSISTORS
 ... **JUNCTION TRANSISTORS**
 ... JFET
 RT BARRIER LAYERS
 EPITAXY
 ION IMPLANTATION
 ∞ JUNCTIONS
 MBM JUNCTIONS
 PHOTOTRANSISTORS
 THYRISTORS

∞ JUNCTIONS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONNECTORS
 INTERSECTIONS
 JFET
 JOINTS (JUNCTIONS)
 JUNCTION TRANSISTORS
 P-I-N JUNCTIONS
 P-N JUNCTIONS
 P-N-P JUNCTIONS
 P-N-P-N JUNCTIONS
 SEMICONDUCTOR DEVICES
 SEMICONDUCTOR JUNCTIONS

JUNGLES

USE TROPICAL REGIONS

JUNO LAUNCH VEHICLES

GS LAUNCH VEHICLES
 ... **JUNO LAUNCH VEHICLES**
 ... JUNO 1 LAUNCH VEHICLE
 ... JUNO 2 LAUNCH VEHICLE
 ROCKET VEHICLES
 ... MULTISTAGE ROCKET VEHICLES
 ... **JUNO LAUNCH VEHICLES**
 ... JUNO 1 LAUNCH VEHICLE
 ... JUNO 2 LAUNCH VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 ∞ VEHICLES

JUNO 1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 ... JUNO LAUNCH VEHICLES
 ... **JUNO 1 LAUNCH VEHICLE**
 ROCKET VEHICLES
 ... MULTISTAGE ROCKET VEHICLES
 ... JUNO LAUNCH VEHICLES
 ... **JUNO 1 LAUNCH VEHICLE**
 RT EXPLORER SATELLITES
 JUPITER C ROCKET VEHICLE
 LIQUID PROPELLANT ROCKET ENGINES
 SERGEANT MISSILES
 SOLID PROPELLANT ROCKET ENGINES

JUNO 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 ... JUNO LAUNCH VEHICLES
 ... **JUNO 2 LAUNCH VEHICLE**
 ROCKET VEHICLES
 ... MULTISTAGE ROCKET VEHICLES
 ... JUNO LAUNCH VEHICLES
 ... **JUNO 2 LAUNCH VEHICLE**
 RT EXPLORER 11 SATELLITE
 JUPITER MISSILE
 LIQUID PROPELLANT ROCKET ENGINES
 PIONEER SPACE PROBES
 PIONEER 3 SPACE PROBE
 PIONEER 4 SPACE PROBE
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 PIONEER 8 SPACE PROBE
 SERGEANT MISSILES
 SOLID PROPELLANT ROCKET ENGINES

JUPITER (PLANET)

GS CELESTIAL BODIES
 ... PLANETS
 ... GAS GIANT PLANETS
 ... **JUPITER (PLANET)**
 RT AMALTHEA
 AMOR ASTEROID
 APOLLO ASTEROIDS
 CALLISTO
 EUROPA
 GALILEAN SATELLITES
 GALILEO PROBE
 GALILEO SPACECRAFT
 GANYMEDE
 IO
 JUPITER ATMOSPHERE
 JUPITER PROBES
 JUPITER RED SPOT
 JUPITER RINGS
 JUPITER SATELLITES
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 VOYAGER 1977 MISSION

JUPITER ATMOSPHERE

GS ENVIRONMENTS
 ... EXTRATERRESTRIAL ENVIRONMENTS
 ... PLANETARY ENVIRONMENTS
 ... PLANETARY ATMOSPHERES
 ... **JUPITER ATMOSPHERE**
 RT AEROSPACE ENVIRONMENTS
 GALILEO PROJECT
 GEOPHYSICAL FLUID FLOW CELLS
 JUPITER (PLANET)
 JUPITER RINGS
 PLANETARY IONOSPHERES
 PLANETARY METEOROLOGY

JUPITER C ROCKET VEHICLE

GS ROCKET VEHICLES
 ... MULTISTAGE ROCKET VEHICLES
 ... **JUPITER C ROCKET VEHICLE**
 RT EXPLORER SATELLITES
 JUNO 1 LAUNCH VEHICLE
 JUPITER MISSILE
 LAUNCH VEHICLES
 LIQUID PROPELLANT ROCKET ENGINES

JUPITER C ROCKET VEHICLE--(cont.)

SERGEANT MISSILES
 SOLID PROPELLANT ROCKET ENGINES

JUPITER MISSILE

GS MISSILES
 ... BALLISTIC MISSILES
 ... INTERMEDIATE RANGE BALLISTIC
 MISSILES
 ... **JUPITER MISSILE**
 ... SURFACE TO SURFACE MISSILES
 ... INTERMEDIATE RANGE BALLISTIC
 MISSILES
 ... **JUPITER MISSILE**
 RT JUNO 2 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 LIQUID PROPELLANT ROCKET ENGINES

JUPITER PROBES

GS INTERPLANETARY SPACECRAFT
 ... **JUPITER PROBES**
 ... GALILEO PROBE
 ... GALILEO SPACECRAFT
 UNMANNED SPACECRAFT
 ... SPACE PROBES
 ... **JUPITER PROBES**
 ... GALILEO PROBE
 ... GALILEO SPACECRAFT
 RT GALILEO PROJECT
 JUPITER (PLANET)
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 VOYAGER 1977 MISSION

JUPITER PROJECT

GS PROGRAMS
 ... NASA PROGRAMS
 ... NASA SPACE PROGRAMS
 ... **JUPITER PROJECT**
 ... PROJECTS
 ... **JUPITER PROJECT**
 ... SPACE PROGRAMS
 ... NASA SPACE PROGRAMS
 ... **JUPITER PROJECT**
 RT LAUNCH VEHICLES

JUPITER RED SPOT

RT GAS GIANT PLANETS
 JUPITER (PLANET)
 PLANETARY SURFACES
 PLANETS
 SURFACE PROPERTIES
 TOPOGRAPHY

JUPITER RINGS

GS CELESTIAL BODIES
 ... PLANETARY RINGS
 ... **JUPITER RINGS**
 RT JUPITER (PLANET)
 JUPITER ATMOSPHERE
 JUPITER SATELLITES
 MOONLETS
 PLANETARY COMPOSITION
 PLANETARY STRUCTURE
 PLANETOLOGY
 ∞ RINGS
 SATURN RINGS
 SPACE EXPLORATION
 URANUS RINGS
 VOYAGER 1 SPACECRAFT

JUPITER SATELLITES

GS CELESTIAL BODIES
 ... NATURAL SATELLITES
 ... **JUPITER SATELLITES**
 ... AMALTHEA
 ... GALILEAN SATELLITES
 ... CALLISTO
 ... EUROPA
 ... GANYMEDE
 ... IO
 RT ICY SATELLITES
 JUPITER (PLANET)
 JUPITER RINGS
 SOLAR SYSTEM

J93-MJ252H ENGINE

USE J-93 ENGINE

J93-MJ280G ENGINE

USE J-93 ENGINE

K

K BAND
USE EXTREMELY HIGH FREQUENCIES

K LINES
GS SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 **K LINES**
RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 H LINES

K STARS
GS CELESTIAL BODIES
 . STARS
 . . LATE STARS
 . . . COOL STARS
 **K STARS**
RT DWARF STARS
 GIANT STARS
 MAIN SEQUENCE STARS
 STELLAR SPECTRA
 SUPERGIANT STARS

K-EPSILON TURBULENCE MODEL
UF KAPPA-EPSILON TURBULENCE MODEL
GS MODELS
 . MATHEMATICAL MODELS
 . . TURBULENCE MODELS
 . . . **K-EPSILON TURBULENCE MODEL**
RT CLOSURE LAW
 COMPUTATIONAL FLUID DYNAMICS
 FLOW EQUATIONS
 TURBULENT BOUNDARY LAYER
 TURBULENT FLOW

K-MESONS
USE KAONS

K-T BOUNDARY
USE CRETACEOUS-TERTIARY BOUNDARY

KA BAND
USE EXTREMELY HIGH FREQUENCIES

KA-6 SAILPLANES
UF SCHLEICHER KA-6 SAILPLANE
GS GLIDERS
 . **KA-6 SAILPLANES**
RT ∞ AIRCRAFT
 GLIDING
 SAILWINGS
 ∞ WINGED VEHICLES

KAKUTANI THEOREM
GS THEOREMS
 . **KAKUTANI THEOREM**
RT LATTICES (MATHEMATICS)
 STOCHASTIC PROCESSES
 VECTOR SPACES

KALAHARI BASIN (AFRICA)
GS LANDFORMS
 . STRUCTURAL BASINS
 . . **KALAHARI BASIN (AFRICA)**
RT AFRICA
 DESERTS
 REPUBLIC OF SOUTH AFRICA

KALMAN FILTERS
GS LINEAR FILTERS
 . **KALMAN FILTERS**
RT ELECTRIC FILTERS
 ∞ FILTERS
 LINEAR QUADRATIC GAUSSIAN
 CONTROL
 LINEAR QUADRATIC REGULATOR
 NAVIGATION AIDS
 OPTIMIZATION
 REDUCED ORDER FILTERS
 STATE ESTIMATION

KALMAN-SCHMIDT FILTERING
RT ∞ APPLICATIONS OF MATHEMATICS
 FEEDBACK CONTROL
 INERTIAL PLATFORMS
 NAVIGATION INSTRUMENTS
 OPTIMAL CONTROL
 OPTIMIZATION
 REMOTE CONTROL
 STOCHASTIC PROCESSES

KALMAN-SCHMIDT FILTERING--(cont.)
TIME SERIES ANALYSIS

KAMACITE
GS ALLOYS
 . NICKEL ALLOYS
 . . **KAMACITE**
 MINERALS
 . **KAMACITE**
RT IRON ALLOYS
 IRON METEORITES
 METEORITIC COMPOSITION

KAMAN AIRCRAFT
GS **KAMAN AIRCRAFT**
 . H-43 HELICOPTER
 . HH-43 HELICOPTER
 . UH-2 HELICOPTER
RT ∞ AIRCRAFT

KAMAN UH-2A HELICOPTER
USE UH-2 HELICOPTER

KAMPUCHEA
USE CAMBODIA

KANSAS
GS NATIONS
 . UNITED STATES
 . . **KANSAS**
RT MISSOURI RIVER (US)

KAOLINITE
GS ALUMINUM COMPOUNDS
 . ALUMINUM SILICATES
 . . **KAOLINITE**
 CLAYS
 . **KAOLINITE**
 MINERALS
 . **KAOLINITE**
 SILICON COMPOUNDS
 . SILICATES
 . . ALUMINUM SILICATES
 . . . **KAOLINITE**
RT ALUMINUM OXIDES
 ION EXCHANGING
 SOILS

KAON PRODUCTION
GS PARTICLE PRODUCTION
 . **KAON PRODUCTION**
RT KAONS
 PARTICLE ACCELERATORS

KAONS
UF K-MESONS
GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 **KAONS**
 . . . HADRONS
 . . . MESONS
 **KAONS**
 . NUCLEAR PARTICLES
 . . BOSONS
 . . . MESONS
 **KAONS**
RT BARYONS
 CHARGED PARTICLES
 KAON PRODUCTION
 PIONS
 POMERANCHUK THEOREM

KAPITZA RESISTANCE
RT ∞ RESISTANCE

KAPOETA ACHONDRITE
GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . ACHONDRITES
 . . . **KAPOETA ACHONDRITE**

KAPPA ROCKET VEHICLES
GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 . **KAPPA ROCKET VEHICLES**
 . . KAPPA 8 ROCKET VEHICLE
 . . . KAPPA 9 ROCKET VEHICLE
 . SOUNDING ROCKETS
 . **KAPPA ROCKET VEHICLES**
 . . KAPPA 8 ROCKET VEHICLE
 . . . KAPPA 9 ROCKET VEHICLE

KAPPA ROCKET VEHICLES--(cont.)

RT SOLID PROPELLANT ROCKET ENGINES
 ∞ VEHICLES

KAPPA 8 ROCKET VEHICLE
GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 . KAPPA ROCKET VEHICLES
 . . **KAPPA 8 ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . . KAPPA ROCKET VEHICLES
 . . . **KAPPA 8 ROCKET VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES

KAPPA 9 ROCKET VEHICLE
GS ROCKET VEHICLES
 MULTISTAGE ROCKET VEHICLES
 . KAPPA ROCKET VEHICLES
 . . **KAPPA 9 ROCKET VEHICLE**
 . SOUNDING ROCKETS
 . . KAPPA ROCKET VEHICLES
 . . . **KAPPA 9 ROCKET VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES

KAPPA-EPSILON TURBULENCE MODEL
USE K-EPSILON TURBULENCE MODEL

KAPTON (TRADEMARK)
GS POLYMERIC FILMS
 . **KAPTON (TRADEMARK)**
RT ∞ FILMS
 PLASTICS
 ∞ POLYMERS

KARHUNEN-LOEVE EXPANSION
GS DATA PROCESSING
 . **KARHUNEN-LOEVE EXPANSION**
 EXPANSION
 . **KARHUNEN-LOEVE EXPANSION**
RT PRINCIPAL COMPONENTS ANALYSIS

KARL FISCHER REAGENT
GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **KARL FISCHER REAGENT**
RT DIOXIDES
 METHYL ALCOHOL
 PYRIDINES
 QUANTITATIVE ANALYSIS

KARMAN VORTEX STREET
GS VORTEX STREETS
 . **KARMAN VORTEX STREET**
RT AEOLIAN TONES
 SUBSONIC FLOW
 VON KARMAN EQUATION
 VORTICITY EQUATIONS

KARMAN-BODEWADT FLOW
GS FLUID FLOW
 . AXISYMMETRIC FLOW
 . . **KARMAN-BODEWADT FLOW**
 . VISCIOUS FLOW
 . . **KARMAN-BODEWADT FLOW**
 TRANSLATIONAL MOTION
 . THREE DIMENSIONAL MOTION
 . . THREE DIMENSIONAL FLOW
 . . . **KARMAN-BODEWADT FLOW**
RT ROTATING DISKS
 ROTATING FLUIDS

KARST
GS LANDFORMS
 . STRUCTURAL BASINS
 . . **KARST**
 . . . SINKHOLES
RT CAVES
 CAVITIES
 KETTLES (GEOLOGY)
 ∞ RIDGES
 ROCKS

KAWASAKI AIRCRAFT
RT ∞ AIRCRAFT

KAZAKHSTAN
GS NATIONS
 . **KAZAKHSTAN**
RT ASIA

KC-130 AIRCRAFT
USE C-130 AIRCRAFT

KC-135 AIRCRAFT
USE C-135 AIRCRAFT**KEELS**

- GS HYDROFOILS
 . **KEELS**
 RT BOATS
 HULLS (STRUCTURES)
 LONGERONS
 SHIPS
 STABILIZERS (FLUID DYNAMICS)

KEL-F

- GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 **KEL-F**
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . **KEL-F**
 RT COPOLYMERS
 ∞ POLYMERS

KELP

- USE SEAWEEDS

KELVIN-HELMHOLTZ INSTABILITY

- RT COLLISIONLESS PLASMAS
 FLOW STABILITY
 ∞ HELMHOLTZ EQUATIONS
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMIC STABILITY
 MASS FLOW
 NONUNIFORM PLASMAS
 PLASMAS (PHYSICS)
 SUPRFLUIDITY

KENTUCKY

- GS NATIONS
 . UNITED STATES
 . . **KENTUCKY**
 RT OHIO RIVER (US)
 TENNESSEE VALLEY (AL-KY-TN)

KENYA

- GS NATIONS
 . **KENYA**
 RT AFRICA

KEPLER LAWS

- GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . . ORBITAL MECHANICS
 . . . **KEPLER LAWS**
 LAWS
 . **KEPLER LAWS**

KERATINS

- GS BIOPOLYMERS
 . PROTEINS
 . . **KERATINS**
 ORGANIC COMPOUNDS
 . PROTEINS
 . . **KERATINS**
 RT HAIR
 WOOL

KERATITIS

- GS DISEASES
 . EYE DISEASES
 . . **KERATITIS**
 RT CONJUNCTIVA
 CORNEA

KERNEL FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **KERNEL FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **KERNEL FUNCTIONS**
 RT MELLIN TRANSFORMS

KEROGEN

- GS ORGANIC COMPOUNDS
 . **KEROGEN**
 RESOURCES
 . EARTH RESOURCES
 . . **KEROGEN**
 RT FUEL OILS
 FUELS
 GASOLINE
 GREASES
 HYDROCARBON FUELS

KEROGEN--(cont.)

- KEROSENE
 LUBRICANTS
 OILS
 PETROLEUM PRODUCTS
 SHALE OIL

KEROSENE

- GS FUELS
 . CHEMICAL FUELS
 . . LIQUID FUELS
 . . . **KEROSENE**
 RT ANTIMISTING FUELS
 DIESEL FUELS
 FUEL OILS
 GASOLINE
 HYDROCARBON FUELS
 JET ENGINE FUELS
 JP-8 JET FUEL
 KEROGEN
 PARAFFINS
 RP-1 ROCKET PROPELLANTS
 SHALE OIL

KERR CELLS

- RT CAMERA SHUTTERS
 ∞ CELLS
 ∞ ELECTRIC CELLS
 POLARIZED ELECTROMAGNETIC
 RADIATION
 POLARIZERS

∞ KERR EFFECTS

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ∞ EFFECTS
 ELECTRO-OPTICAL EFFECT
 KERR ELECTROOPTICAL EFFECT
 KERR MAGNETOOPTICAL EFFECT
 MAGNETIC FIELDS

KERR ELECTROOPTICAL EFFECT

- GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . BIREFRINGENCE
 . . . **KERR ELECTROOPTICAL EFFECT**
 REFRACTION
 . BIREFRINGENCE
 . . **KERR ELECTROOPTICAL EFFECT**
 RT ∞ EFFECTS
 ELECTRO-OPTICS
 ELECTROMAGNETIC RADIATION
 ∞ KERR EFFECTS
 KERR MAGNETOOPTICAL EFFECT
 LASERS
 LIGHT MODULATION
 POLARIZATION (WAVES)

KERR MAGNETOOPTICAL EFFECT

- GS ELECTROMAGNETIC PROPERTIES
 . **KERR MAGNETOOPTICAL EFFECT**
 RT ∞ EFFECTS
 FARADAY EFFECT
 ∞ KERR EFFECTS
 KERR ELECTROOPTICAL EFFECT
 MAGNETO-OPTICS
 OPTICAL PROPERTIES
 POLARIZATION (WAVES)
 POLARIZED LIGHT

KESTREL AIRCRAFT

- USE P-1127 AIRCRAFT

KETENES

- RT KETONES

KETONES

- GS **KETONES**
 . ACETONE
 . ACETYLACETONE
 . ANTHRAQUINONES
 . CAMPHOR
 . NEMBTAL (TRADEMARK)
 . PENTANONE
 . TRIMETHADIONE
 RT KETENES
 PEEK
 QUINONES

KETTLES (GEOLOGY)

- GS GEOLOGY
 . **KETTLES (GEOLOGY)**
 LANDFORMS

KETTLES (GEOLOGY)--(cont.)

- . STRUCTURAL BASINS
 . . **KETTLES (GEOLOGY)**
 RT CAVES
 CAVITIES
 EARTH RESOURCES
 GLACIAL DRIFT
 KARST
 LAKES
 SINKHOLES

KEVLAR (TRADEMARK)

- GS PLASTICS
 . SYNTHETIC RESINS
 . . THERMOSETTING RESINS
 . . . FURAN RESINS
 POLYAMIDE RESINS
 **KEVLAR (TRADEMARK)**
 RESINS
 . SYNTHETIC RESINS
 . . THERMOSETTING RESINS
 . . . FURAN RESINS
 POLYAMIDE RESINS
 **KEVLAR (TRADEMARK)**
 RT ARAMID FIBER COMPOSITES
 NONFLAMMABLE MATERIALS
 SYNTHETIC FIBERS

KEYING

- GS **KEYING**
 . FREQUENCY SHIFT KEYING
 . PHASE SHIFT KEYING
 . . BINARY PHASE SHIFT KEYING
 . . . QUADRATURE PHASE SHIFT KEYING
 RT MORSE CODE
 RADIO TELEGRAPHY
 TELEPRINTERS
 TELETYPEWRITERS

KEYS (ISLANDS)

- UF CAYS
 GS LANDFORMS
 . ISLANDS
 . . **KEYS (ISLANDS)**
 RT CORAL REEFS
 EARTH RESOURCES
 ISLAND ARCS
 OCEANS

KIDNEY DISEASES

- GS DISEASES
 . **KIDNEY DISEASES**
 . . NEPHRITIS
 RT CHOLERA

KIDNEYS

- GS ANATOMY
 . GENITOURINARY SYSTEM
 . . **KIDNEYS**
 . . . GLOMERULUS
 RT RENAL FUNCTION
 URINE
 UROLITHIASIS
 UROLOGY

KILOMETER WAVE ORBITING TELESCOPE

- GS RADIO EQUIPMENT
 . RADIO TELESCOPES
 . . **KILOMETER WAVE ORBITING
 TELESCOPE**
 TELESCOPES
 . RADIO TELESCOPES
 . . **KILOMETER WAVE ORBITING
 TELESCOPE**

KILOMETRIC WAVES

- GS ELECTROMAGNETIC RADIATION
 . **KILOMETRIC WAVES**
 RT ∞ WAVES

KIMBERLITE

- USE BIOTITE
 PERIDOTITE

KINEMATIC EQUATIONS

- GS EQUATIONS OF MOTION
 . KINETIC EQUATIONS
 . . **KINEMATIC EQUATIONS**
 RT ∞ EQUATIONS

KINEMATICS

- GS **KINEMATICS**
 . BODY KINEMATICS
 . INVERSE KINEMATICS

KINEMATICS--(cont.)

- RT ACCELERATION (PHYSICS)
 - ∞ DYNAMICS
 - ∞ EQUATIONS OF MOTION
 - ∞ HODOGRAPHS
 - ∞ KINETICS
 - ∞ MECHANICS (PHYSICS)
 - ∞ MICROWAVE REFLECTOMETERS
 - ∞ MOTION
 - ∞ NUTATION
 - ∞ VELOCITY

KINESCOPIES

- USE PICTURE TUBES

KINESTHESIA

- GS PERCEPTION
 - ∞ SENSORY PERCEPTION
 - ∞ **KINESTHESIA**
- RT PROPRIOCEPTION

KINESTHESIS

- USE PROPRIOCEPTION

KINETIC ENERGY

- UF MOMENTUM ENERGY
- GS KINETICS
 - ∞ **KINETIC ENERGY**
- RT CHEMICAL ENERGY
 - ∞ ELECTRON ENERGY
 - ∞ ENERGY
 - ∞ EQUIPARTITION THEOREM
 - ∞ FROUDE NUMBER
 - ∞ HYDRODYNAMIC RAM EFFECT
 - ∞ INTERNAL ENERGY
 - ∞ LAGRANGE SIMILARITY HYPOTHESIS
 - ∞ LAGRANGIAN FUNCTION
 - ∞ PARTICLE ENERGY
 - ∞ POTENTIAL ENERGY
 - ∞ PROTON ENERGY
 - ∞ THERMAL ENERGY
 - ∞ VIRIAL THEOREM
 - ∞ WORK
 - ∞ ZERO POINT ENERGY

KINETIC EQUATIONS

- GS EQUATIONS OF MOTION
 - ∞ **KINETIC EQUATIONS**
 - ∞ HYDRODYNAMIC EQUATIONS
 - ∞ HELMHOLTZ VORTICITY EQUATION
 - ∞ KINEMATIC EQUATIONS
- RT BBGKY HIERARCHY
 - ∞ BETHE-SALPETER EQUATION
 - ∞ BGK MODEL
 - ∞ EINSTEIN EQUATIONS
 - ∞ EQUATIONS
 - ∞ PARTIAL DIFFERENTIAL EQUATIONS
 - ∞ VIRIAL THEOREM

KINETIC FRICTION

- GS FRICTION
 - ∞ **KINETIC FRICTION**
 - ∞ SLIDING FRICTION
- RT COEFFICIENT OF FRICTION
 - ∞ DRY FRICTION
 - ∞ FRICTION MEASUREMENT
 - ∞ STATIC FRICTION

KINETIC HEATING

- GS HEATING
 - ∞ **KINETIC HEATING**
 - ∞ AERODYNAMIC HEATING
 - ∞ SHOCK HEATING
- RT GAS HEATING
 - ∞ MAGNETIC PUMPING
 - ∞ PLASMA HEATING

KINETIC THEORY

- GS **KINETIC THEORY**
 - ∞ TRANSPORT THEORY
 - ∞ CHAPMAN-ENSKOG THEORY
 - ∞ EYRING THEORY
 - ∞ MIXING LENGTH FLOW THEORY
- RT BGK MODEL
 - ∞ BINARY FLUIDS
 - ∞ BOLTZMANN DISTRIBUTION
 - ∞ BOLTZMANN TRANSPORT EQUATION
 - ∞ DIFFUSION
 - ∞ DIFFUSION THEORY
 - ∞ DIFFUSION WAVES
 - ∞ DYNAMIC PRESSURE
 - ∞ EQUATIONS OF STATE
 - ∞ FREE MOLECULAR FLOW
 - ∞ GAS TRANSPORT
 - ∞ GASEOUS SELF-DIFFUSION

KINETIC THEORY--(cont.)

- IDEAL GAS
- ∞ JOULE-THOMSON EFFECT
- ∞ KNUDSEN FLOW
- ∞ KROOK EQUATION
- ∞ LORENTZ GAS
- ∞ MASS FLOW
- ∞ MAXWELL-BOLTZMANN DENSITY FUNCTION
- ∞ MOBILITY
- ∞ MOMENTUM TRANSFER
- ∞ MORSE POTENTIAL
- ∞ REAL GASES
- ∞ THEORIES
- ∞ TRANSPORT PROPERTIES

KINETICS

- GS **KINETICS**
 - ∞ ELECTROKINETICS
 - ∞ KINETIC ENERGY
 - ∞ NEWTON SECOND LAW
 - ∞ NEWTON THEORY
 - ∞ REACTION KINETICS
 - ∞ VARIABLE MASS SYSTEMS
- RT ACCELERATION (PHYSICS)
 - ∞ ANGULAR MOMENTUM
 - ∞ BODY KINEMATICS
 - ∞ DYNAMICS
 - ∞ FLUID DYNAMICS
 - ∞ FLUID MECHANICS
 - ∞ FORCE
 - ∞ GAS DYNAMICS
 - ∞ HYDROMECHANICS
 - ∞ IDEAL GAS
 - ∞ KINEMATICS
 - ∞ MECHANICS (PHYSICS)
 - ∞ MOMENTUM TRANSFER
 - ∞ MOTION AFTEREFFECTS
 - ∞ NEWTON
 - ∞ PARTICLE COLLISIONS
 - ∞ PHYSICS
 - ∞ VELOCITY

KINOFORM

- GS DISPLAY DEVICES
 - ∞ **KINOFORM**
 - ∞ IMAGERY
 - ∞ **KINOFORM**
- RT COMPUTER PROGRAMMING
 - ∞ HOLOGRAPHY
 - ∞ WAVE FRONT RECONSTRUCTION

∞ KIRCHHOFF LAW

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT KIRCHHOFF LAW OF NETWORKS
 - ∞ KIRCHHOFF LAW OF RADIATION

KIRCHHOFF LAW OF NETWORKS

- RT CIRCUITS
 - ∞ ELECTRIC CURRENT
 - ∞ ELECTRIC POTENTIAL
 - ∞ KIRCHHOFF LAW
 - ∞ NETWORK ANALYSIS
 - ∞ NETWORK SYNTHESIS

KIRCHHOFF LAW OF RADIATION

- GS LAWS
 - ∞ RADIATION LAWS
 - ∞ **KIRCHHOFF LAW OF RADIATION**
- RT ABSORPTIVITY
 - ∞ BLACK BODY RADIATION
 - ∞ KIRCHHOFF LAW
 - ∞ RADIATION
 - ∞ STEFAN-BOLTZMANN LAW
 - ∞ THERMODYNAMICS

KIRCHHOFF-HELMHOLTZ FLOW

- USE PIPE FLOW

KIRCHHOFF-HUYGENS PRINCIPLE

- USE DIFFRACTION
 - ∞ WAVE PROPAGATION

KIRKENDALL EFFECT

- RT DIFFUSION THEORY
 - ∞ DIFFUSION WELDING
 - ∞ DIFFUSIVITY
 - ∞ EFFECTS
 - ∞ THERMAL DIFFUSION

KITE BALLOONS

- USE TETHERED BALLOONS

KITS

- RT FIRST AID
 - ∞ SURVIVAL
 - ∞ TOOLS

KIWI B REACTORS

- GS NUCLEAR ELECTRIC POWER GENERATION
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR REACTORS
 - ∞ GAS COOLED REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR RESEARCH AND TEST REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**

KIWI B-1 REACTOR

- GS NUCLEAR ELECTRIC POWER GENERATION
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ NUCLEAR REACTORS
 - ∞ GAS COOLED REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ NUCLEAR RESEARCH AND TEST REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**

KIWI B-4 REACTOR

- GS NUCLEAR ELECTRIC POWER GENERATION
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR REACTORS
 - ∞ GAS COOLED REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR RESEARCH AND TEST REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-4 REACTOR**

KIWI REACTORS

- UF **KIWI ROCKET REACTORS**
- GS NUCLEAR ELECTRIC POWER GENERATION
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR REACTORS
 - ∞ GAS COOLED REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**
 - ∞ NUCLEAR POWER REACTORS
 - ∞ **KIWI REACTORS**
 - ∞ **KIWI B REACTORS**
 - ∞ **KIWI B-1 REACTOR**
 - ∞ **KIWI B-4 REACTOR**

KIWI REACTORS--(cont.)

- . NUCLEAR RESEARCH AND TEST REACTORS
- . . . **KIWI REACTORS**
- KIWI B REACTORS
- KIWI B-1 REACTOR
- KIWI B-4 REACTOR
- RT NRX REACTORS
- NUCLEAR ENGINE FOR ROCKET VEHICLES
- PHOEBUS NUCLEAR REACTOR ROVER PROJECT

KIWI ROCKET REACTORS

- USE KIWI REACTORS

KJELDAHL METHOD

- GS CHEMICAL TESTS
- . CHEMICAL ANALYSIS
- . . QUANTITATIVE ANALYSIS
- . . . **KJELDAHL METHOD**
- RT AMMONIA
- ∞ METHODOLOGY
- NITROGEN
- TITRATION

KLEBSIELLA

- GS MICROORGANISMS
- . BACTERIA
- . . **KLEBSIELLA**

KLEIN-DUNHAM POTENTIAL

- RT ∞ POTENTIAL
- QUANTUM THEORY

KLEIN-GORDON EQUATION

- GS WAVE EQUATIONS
- . **KLEIN-GORDON EQUATION**
- RT DIRAC EQUATION
- ∞ EQUATIONS

KLIPPEN

- USE OUTLIERS (LANDFORMS)

KLYSTRONS

- GS ELECTRON TUBES
- . VACUUM TUBES
- . . MICROWAVE TUBES
- . . . **KLYSTRONS**
- MICROWAVE EQUIPMENT
- . MICROWAVE TUBES
- . . **KLYSTRONS**
- RT AMPLIFIERS
- CATCHERS
- CAVITY RESONATORS
- CYCLOTRON RESONANCE DEVICES
- ELECTRON BUNCHING
- ELECTRON CYCLOTRON HEATING
- ELECTROSTATIC GENERATORS
- MAGNETRONS
- MICROWAVE OSCILLATORS

KNEE (ANATOMY)

- GS ANATOMY
- . LIMBS (ANATOMY)
- . . LEG (ANATOMY)
- . . . **KNEE (ANATOMY)**
- MUSCULOSKELETAL SYSTEM
- . JOINTS (ANATOMY)
- . . **KNEE (ANATOMY)**
- APPENDAGES
- . LEG (ANATOMY)
- . . **KNEE (ANATOMY)**
- RT FEMUR

KNIGHT SHIFT

- USE NUCLEAR MAGNETIC RESONANCE

KNOBS

- RT HANDLES
- LEVERS
- MANUAL CONTROL

KNOOP HARDNESS

- GS MECHANICAL PROPERTIES
- . HARDNESS
- . . **KNOOP HARDNESS**
- RT HARDNESS TESTS
- MICROHARDNESS

KNOWLEDGE

- GS **KNOWLEDGE**
- . PHILOSOPHY
- . . PARADOXES

KNOWLEDGE--(cont.)

- RT AXIOMS
- DOCUMENTATION
- EDUCATION
- LEARNING
- LITERATURE
- PERCEPTION
- TEXTBOOKS
- TRAINING EVALUATION

KNOWLEDGE BASED SYSTEMS

- GS **KNOWLEDGE BASED SYSTEMS**
- . EXPERT SYSTEMS
- RT ARTIFICIAL INTELLIGENCE
- COMPUTER TECHNIQUES
- DATA STRUCTURES
- KNOWLEDGE BASES (ARTIFICIAL INTELLIGENCE)
- KNOWLEDGE REPRESENTATION
- NATURAL LANGUAGE PROCESSING

KNOWLEDGE BASES (ARTIFICIAL INTELLIGENCE)

- RT ARTIFICIAL INTELLIGENCE
- DATA BASES
- EXPERT SYSTEMS
- KNOWLEDGE BASED SYSTEMS
- KNOWLEDGE REPRESENTATION

KNOWLEDGE REPRESENTATION

- RT ARTIFICIAL INTELLIGENCE
- COGNITION
- EXPERT SYSTEMS
- KNOWLEDGE BASED SYSTEMS
- KNOWLEDGE BASES (ARTIFICIAL INTELLIGENCE)
- NATURAL LANGUAGE (COMPUTERS)

KNUDSEN CELLS

- USE KNUDSEN GAGES

KNUDSEN FLOW

- UF KNUDSEN NUMBER
- GS FLUID FLOW
- . DUCTED FLOW
- . . **KNUDSEN FLOW**
- . GAS FLOW
- . . **KNUDSEN FLOW**
- RT BGK MODEL
- BOUNDARY LAYER TRANSITION
- FREE MOLECULAR FLOW
- KINETIC THEORY
- MEAN FREE PATH
- MOLECULAR FLOW
- PRESSURE GRADIENTS
- RAREFIED GAS DYNAMICS
- TRANSITION POINTS
- VACUUM
- VISCOUS FLOW

KNUDSEN GAGES

- UF KNUDSEN CELLS
- GS MEASURING INSTRUMENTS
- . PRESSURE GAGES
- . . VACUUM GAGES
- . . . **KNUDSEN GAGES**
- VACUUM APPARATUS
- . VACUUM GAGES
- . . **KNUDSEN GAGES**
- RT IONIZATION GAGES
- MCLEOD GAGES
- PIRANI GAGES
- PRESSURE MEASUREMENT
- RADIOMETERS

KNUDSEN NUMBER

- USE KNUDSEN FLOW

KNURLING

- RT GROOVING
- MACHINING
- METAL CUTTING

KOHOUTEK COMET

- GS CELESTIAL BODIES
- . COMETS
- . . **KOHOUTEK COMET**
- RT BESSEL-BREDICHIN THEORY
- ∞ COMA
- RADIATION PRESSURE
- SOLAR SYSTEM

KOLMOGOROV THEORY

- RT ISOTROPIC TURBULENCE
- LAGRANGE SIMILARITY HYPOTHESIS

KOLMOGOROV THEORY--(cont.)

- SHEAR FLOW
- ∞ THEORIES
- TURBULENT FLOW
- VORTICES

KOLMOGOROV-SMIRNOV TEST

- GS STATISTICAL ANALYSIS
- . STATISTICAL TESTS
- . . **KOLMOGOROV-SMIRNOV TEST**
- RT PROBABILITY THEORY
- STATISTICAL DISTRIBUTIONS

KONDO EFFECT

- GS ELECTRICAL PROPERTIES
- . ELECTRICAL RESISTIVITY
- . . SUPERCONDUCTIVITY
- . . . **KONDO EFFECT**
- TRANSPORT PROPERTIES
- . ELECTRICAL RESISTIVITY
- . . SUPERCONDUCTIVITY
- . . . **KONDO EFFECT**
- RT ALLOYS
- ∞ EFFECTS
- LOW TEMPERATURE PHYSICS
- MAGNETIC MATERIALS
- NUCLEAR SPIN
- TRANSITION TEMPERATURE

∞ **KOREA**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT NORTH KOREA
- SOUTH KOREA

KORTEWEG-DEVRIES EQUATION

- GS WAVE EQUATIONS
- . **KORTEWEG-DEVRIES EQUATION**
- RT ∞ EQUATIONS

KOSSEL PATTERN

- GS DISTRIBUTION (PROPERTY)
- . RADIATION DISTRIBUTION
- . . DIFFRACTION PATTERNS
- . . . **KOSSEL PATTERN**
- RT CRYSTAL LATTICES

KOVAR (TRADEMARK)

- GS ALLOYS
- . **KOVAR (TRADEMARK)**
- RT COBALT ALLOYS

KP INDEX

- GS RATIOS
- . INDEXES (RATIOS)
- . . **KP INDEX**
- RT EARTH MAGNETOSPHERE
- GEOMAGNETIC PULSATIONS
- GEOMAGNETISM
- ∞ INDEXES
- MAGNETIC DISTURBANCES
- MAGNETIC PROPERTIES
- MAGNETIC VARIATIONS

KRAFT PROCESS (WOODPULP)

- RT MANUFACTURING
- PAPER (MATERIAL)
- ∞ PROCESSES

KRAMERS-KRONIG FORMULA

- RT ∞ DISPERSION
- ∞ FORMULAS
- OPACITY
- SPECTRUM ANALYSIS

KREBS CYCLE

- RT CELLS (BIOLOGY)
- METABOLISM

KREEP

- GS MINERALS
- . **KREEP**
- ROCKS
- . LUNAR ROCKS
- . . **KREEP**
- RT GEOLOGY
- LUNAR SOIL
- PHOSPHATES
- POTASSIUM
- RARE EARTH ELEMENTS

KRIGING

- RT VARIANCE (STATISTICS)

KRONECKER PRODUCT
USE ORTHOGONALITY

KROOK EQUATION
RT ∞ EQUATIONS
HYDRODYNAMICS
KINETIC THEORY
SHEAR FLOW
SHOCK WAVE PROFILES

KRYPTON
GS CHEMICAL ELEMENTS
RARE GASES
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85
GASES
RARE GASES
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85

KRYPTON FLUORIDE LASERS
GS STIMULATED EMISSION DEVICES
LASERS
GAS LASERS
KRYPTON FLUORIDE LASERS
RARE GAS-HALIDE LASERS
KRYPTON FLUORIDE LASERS
RT COHERENT ELECTROMAGNETIC RADIATION
LASING
MASERS
OPTICAL PUMPING

KRYPTON ISOTOPES
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
KRYPTON ISOTOPES
KRYPTON 85
RARE GASES
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85
GASES
RARE GASES
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85

KRYPTON 85
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
KRYPTON ISOTOPES
KRYPTON 85
RADIOACTIVE ISOTOPES
KRYPTON 85
RARE GASES
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85
GASES
RARE GASES
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85

KU BAND
USE SUPERHIGH FREQUENCIES

KUIPER AIRBORNE OBSERVATORY
GS OBSERVATORIES
KUIPER AIRBORNE OBSERVATORY
RT AIRBORNE EQUIPMENT
ASTRONOMICAL SPECTROSCOPY
C-141 AIRCRAFT
INFRARED ASTRONOMY
OBSERVATION AIRCRAFT
SOFIA (AIRBORNE OBSERVATORY)

KURILE ISLANDS
GS LANDFORMS
ISLANDS
PACIFIC ISLANDS
KURILE ISLANDS
RT U.S.S.R.

KURTOSIS
GS DISTRIBUTION (PROPERTY)
FREQUENCY DISTRIBUTION
KURTOSIS
RT ∞ DISTRIBUTION

KURTOSIS--(cont.)
FOURIER ANALYSIS
PATTERNS
STATISTICAL DISTRIBUTIONS

KUTTA-JOUKOWSKI CONDITION
GS CONDITIONS
KUTTA-JOUKOWSKI CONDITION
RT AIRFOIL PROFILES
BOUNDARY LAYER SEPARATION
JOUKOWSKI TRANSFORMATION

KUWAIT
GS NATIONS
KUWAIT
RT ASIA

KWIC INDEXES
GS CLASSIFICATIONS
INDEXES (DOCUMENTATION)
KWIC INDEXES
RT ∞ INDEXES
THESAURI

KYOKKO SATELLITE
USE EXOS-A SATELLITE

KYRGYZSTAN
RT ASIA

L

L BAND
USE ULTRAHIGH FREQUENCIES

L-SAT
UF EUROPEAN LARGE TELECOMM SATELLITE
GS ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
L-SAT
ESA SATELLITES
L-SAT
ESA SPACECRAFT
ESA SATELLITES
L-SAT
RT SATELLITE NETWORKS

L-28 AIRCRAFT
USE U-10 AIRCRAFT

L-29 AIRCRAFT
USE L-29 JET TRAINER

L-29 JET TRAINER
UF DELFIN AIRCRAFT
L-29 AIRCRAFT
OMNIPOL L-29 AIRCRAFT
JET AIRCRAFT
L-29 JET TRAINER
MONOPLANES
L-29 JET TRAINER
SINGLE ENGINE AIRCRAFT
L-29 JET TRAINER
TILT WING AIRCRAFT
L-29 JET TRAINER
TRAINING AIRCRAFT
L-29 JET TRAINER
V/STOL AIRCRAFT
L-29 JET TRAINER

L-1011 AIRCRAFT
GS COMMERCIAL AIRCRAFT
L-1011 AIRCRAFT
JET AIRCRAFT
L-1011 AIRCRAFT
LOCKHEED AIRCRAFT
L-1011 AIRCRAFT
PASSENGER AIRCRAFT
L-1011 AIRCRAFT
TRANSPORT AIRCRAFT
L-1011 AIRCRAFT
RT ∞ AIRCRAFT
TURBOFAN ENGINES

L-2000 AIRCRAFT
UF LOCKHEED L-2000 AIRCRAFT
GS JET AIRCRAFT
L-2000 AIRCRAFT
LOCKHEED AIRCRAFT
L-2000 AIRCRAFT

L-2000 AIRCRAFT--(cont.)
PASSENGER AIRCRAFT
L-2000 AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
L-2000 AIRCRAFT
TRANSPORT AIRCRAFT
L-2000 AIRCRAFT
RT ∞ AIRCRAFT

LABELING (MARKING)
USE MARKING

LABOR
RT MANPOWER
MEDIATION
PERSONNEL SELECTION

LABORATORIES
GS LABORATORIES
ENGINE TESTING LABORATORIES
ENVIRONMENTAL LABORATORIES
HUMAN FACTORS LABORATORIES
LUNAR LABORATORIES
LUNAR RECEIVING LABORATORY
LUNAR MOBILE LABORATORIES
SPACE LABORATORIES
ADVANCED TECHNOLOGY LABORATORY
ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
EARTH VIEWING APPLICATIONS LABORATORY
LONG DURATION EXPOSURE FACILITY
MANNED ORBITAL LABORATORIES
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACELAB
UNDERWATER RESEARCH LABORATORIES
RT EXPERIMENT DESIGN
EXPERIMENTATION
NUCLEAR RESEARCH
RESEARCH FACILITIES
SAIL PROJECT
TEST FACILITIES
∞ TESTS

LABORATORY EQUIPMENT
GS LABORATORY EQUIPMENT
IMAGE FURNACES
SYRINGES
RT AMPOULES
∞ EQUIPMENT
GLASSWARE
MEASURING INSTRUMENTS
PIPETTES

LABRADOR
RT CANADA

LABYRINTH
GS ANATOMY
SENSE ORGANS
EAR
LABYRINTH
COCHLEA
CORTI ORGAN
OTOLITH ORGANS
SEMICIRCULAR CANALS
VESTIBULES

LABYRINTH SEALS
GS SEALS (STOPPERS)
LABYRINTH SEALS
RT FLUID FLOW
GASKETS
GLANDS (SEALS)
HERMETIC SEALS
LEAKAGE
O RING SEALS
PACKINGS (SEALS)
PLUGS
PUMP SEALS
ROTOR SPEED

LABYRINTHECTOMY
GS SURGERY
LABYRINTHECTOMY
RT EAR

LACATE (EXPERIMENT)

UF LOWER ATMOSPHERIC COMPOSITION
EXPERIMENT
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC TEMPERATURE
LOWER ATMOSPHERE

LACE (ENGINE)

USE LIQUID AIR CYCLE ENGINES

LACQUERS

GS COATINGS
. LACQUERS
FINISHES
. LACQUERS
RT METAL COATINGS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SPRAYED COATINGS

LACTATES

GS ESTERS
. LACTATES

LACTIC ACID

GS ACIDS
. CARBOXYLIC ACIDS
. LACTIC ACID
ORGANIC COMPOUNDS
. CARBOXYLIC ACIDS
. LACTIC ACID

LACTOSE

GS ORGANIC COMPOUNDS
. CARBOHYDRATES
. SUGARS
. LACTOSE

LACUNAS

RT LICHENS
PLANTS (BOTANY)

LADDERS

RT ESCALATORS
STAIRWAYS

LAG (DELAY)

USE TIME LAG

LAGEOS (SATELLITE)

UF LASER GEODYNAMIC SATELLITE
GS ARTIFICIAL SATELLITES
. PASSIVE SATELLITES
. LAGEOS (SATELLITE)
RT LASER RANGE FINDERS
RETROREFLECTION

LAGOONS

GS LANDFORMS
. LAGOONS
RT ATOLLS
BARS (LANDFORMS)
BEACHES
COASTS
DUNES
INLETS (TOPOGRAPHY)
ISLAND ARCS
ISLANDS
LAKES
PONDS
RESERVOIRS
TOPOGRAPHY

LAGRANGE COORDINATES

GS COORDINATES
. LAGRANGE COORDINATES
RT CLASSICAL MECHANICS
HYDRODYNAMICS
LAGRANGIAN FUNCTION
LIBRATIONAL MOTION

LAGRANGE EQUATIONS OF MOTION

USE EULER-LAGRANGE EQUATION

LAGRANGE MULTIPLIERS

RT CHIRAL DYNAMICS
DIFFERENTIAL EQUATIONS
ISOPERIMETRIC PROBLEM
LAGRANGIAN FUNCTION
MULTIPLIERS
OPERATIONS RESEARCH
OPTIMIZATION

LAGRANGE SIMILARITY HYPOTHESIS

GS HYPOTHESES
. LAGRANGE SIMILARITY HYPOTHESIS
THEOREMS
. SIMILARITY THEOREM
. LAGRANGE SIMILARITY HYPOTHESIS
RT ENERGY DISSIPATION
ENERGY TRANSFER
KINETIC ENERGY
KOLMOGOROV THEORY
TURBULENT FLOW

LAGRANGIAN

USE LAGRANGIAN FUNCTION

LAGRANGIAN EQUILIBRIUM POINTS

GS GRAVITATIONAL EFFECTS
. LAGRANGIAN EQUILIBRIUM POINTS
RT CELESTIAL MECHANICS
GRAVITATIONAL FIELDS
ORBITAL MECHANICS

LAGRANGIAN FUNCTION

UF LAGRANGIAN
GS FUNCTIONS (MATHEMATICS)
. LAGRANGIAN FUNCTION
RT EULER-LAGRANGE EQUATION
KINETIC ENERGY
LAGRANGE COORDINATES
LAGRANGE MULTIPLIERS
POTENTIAL ENERGY

LAGUERRE FUNCTIONS

GS ANALYSIS (MATHEMATICS)
. COMPLEX VARIABLES
. LAGUERRE FUNCTIONS
FUNCTIONS (MATHEMATICS)
. LAGUERRE FUNCTIONS
RT ORTHOGONAL FUNCTIONS

LAKE BEDS

USE BEDS (GEOLOGY)

LAKE CHAMPLAIN BASIN (NY-VT)

GS LANDFORMS
. STRUCTURAL BASINS
. LAKE CHAMPLAIN BASIN (NY-VT)
RT CANADA
LAKES
NEW YORK
VERMONT

LAKE ERIE

GS LAKES
. GREAT LAKES (NORTH AMERICA)
. LAKE ERIE
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE HURON

GS LAKES
. GREAT LAKES (NORTH AMERICA)
. LAKE HURON
RT HYDROLOGY
RIVERS
SAGINAW BAY (MI)
STREAMS
WATER
WATER MANAGEMENT

LAKE ICE

GS ICE
. LAKE ICE
. ICE FLOES
RT BAY ICE
ICE FORMATION
LAKES
LAND ICE
SEA ICE
WATER

LAKE MICHIGAN

GS LAKES
. GREAT LAKES (NORTH AMERICA)
. LAKE MICHIGAN
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE ONTARIO

GS LAKES
. GREAT LAKES (NORTH AMERICA)
. LAKE ONTARIO
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE PONTCHARTRAIN (LA)

GS LAKES
. LAKE PONTCHARTRAIN (LA)
RT LOUISIANA

LAKE SUPERIOR

GS LAKES
. GREAT LAKES (NORTH AMERICA)
. LAKE SUPERIOR
RT HYDROLOGY
RIVERS
STREAMS
WATER
WATER MANAGEMENT

LAKE TAHOE (CA-NV)

GS LAKES
. LAKE TAHOE (CA-NV)
RT CALIFORNIA
NEVADA

LAKE TEXOMA (OK-TX)

GS LAKES
. LAKE TEXOMA (OK-TX)
RT LIMNOLOGY
OKLAHOMA
RESERVOIRS
TEXAS
VADOSE WATER

LAKES

GS LAKES
. GREAT LAKES (NORTH AMERICA)
. LAKE ERIE
. LAKE HURON
. LAKE MICHIGAN
. LAKE ONTARIO
. LAKE SUPERIOR
. GREAT SALT LAKE (UT)
. LAKE PONTCHARTRAIN (LA)
. LAKE TAHOE (CA-NV)
. LAKE TEXOMA (OK-TX)
. PYRAMID LAKE (NV)
RT AQUIFERS
BAYOUS
BEACHES
COASTS
EARTH HYDROSPHERE
EUTROPHICATION
INLAND WATERS
KETTLES (GEOLOGY)
LAGOONS
LAKE CHAMPLAIN BASIN (NY-VT)
LAKE ICE
LIMNOLOGY
PLAYAS
PONDS
REGIONAL PLANNING
RESERVOIRS
RIVER BASINS
SHOALS
SHORELINES
SPRINGS (WATER)
STRAITS
SURFACE WATER
THERMAL POLLUTION
WATER CIRCULATION
WATER COLOR
WATER DEPTH
WATER RESOURCES
WATERWAYS

LALLEMAND CAMERAS

GS OPTICAL EQUIPMENT
. CAMERAS
. LALLEMAND CAMERAS
PHOTOGRAPHIC EQUIPMENT
. CAMERAS
. LALLEMAND CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
IMAGE CONVERTERS
IMAGE INTENSIFIERS
IMAGE TRANSDUCERS
LIGHT AMPLIFIERS

LALLEMAND CAMERAS--(cont.)

SPECTROSCOPY
TELEVISION CAMERAS

LAMB WAVES

GS ELASTIC WAVES
SOUND WAVES
LAMB WAVES
RT ACOUSTIC PROPERTIES
ACOUSTICS
STURM-LIOUVILLE THEORY
ULTRASONIC TESTS

LAMBDA ROCKET VEHICLES

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
LAMBDA ROCKET VEHICLES
SOUNDING ROCKETS
LAMBDA ROCKET VEHICLES
RT SOLID PROPELLANT ROCKET ENGINES
VEHICLES

LAMBDA TAURI STARS

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
ECLIPSING BINARY STARS
LAMBDA TAURI STARS
VARIABLE STARS
LAMBDA TAURI STARS

LAMBERT LAW

USE BOUGUER LAW

LAMBERT SURFACE

RT REFLECTION
SURFACE GEOMETRY
SURFACES

LAME FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
LAME FUNCTIONS
RT BOUNDARY VALUE PROBLEMS
DIFFERENTIAL EQUATIONS

LAME WAVE EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
LAME WAVE EQUATIONS
WAVE EQUATIONS
LAME WAVE EQUATIONS
RT ACOUSTICS
ELASTIC WAVES
EQUATIONS
STURM-LIOUVILLE THEORY
WAVE PROPAGATION

LAMELLA

RT BONES

LAMELLA (METALLURGY)

RT ALUMINUM ALLOYS
COPPER ALLOYS
CRYSTALLOGRAPHY
EUTECTIC ALLOYS
MICROSTRUCTURE

LAMINA

USE LAYERS

LAMINAR BOUNDARY LAYER

UF LAMINAR BOUNDARY LAYER
SEPARATION
LAMINAR FLOW CONTROL
GS BOUNDARY LAYERS
LAMINAR BOUNDARY LAYER
RT BOUNDARY LAYER COMBUSTION
BOUNDARY LAYER TRANSITION
COMPRESSIBLE BOUNDARY LAYER
GOERTLER INSTABILITY
HYPERSONIC BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
INTERACTIONAL AERODYNAMICS
ISOTHERMAL LAYERS
POHLHAUSEN METHOD
SUPERSONIC BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
TURBULENT BOUNDARY LAYER
TWO DIMENSIONAL BOUNDARY LAYER
X-21 AIRCRAFT

LAMINAR BOUNDARY LAYER SEPARATION

USE BOUNDARY LAYER SEPARATION
LAMINAR BOUNDARY LAYER

LAMINAR FLAMES

USE FLAMES
LAMINAR FLOW

LAMINAR FLOW

UF LAMINAR FLAMES
LAMINAR JETS
POISEUILLE FLOW
STREAMLINE FLOW
GS FLUID FLOW
LAMINAR FLOW
BLASIUS FLOW
HARTMANN FLOW
STRATIFIED FLOW
RT AERODYNAMICS
ATMOSPHERIC TURBULENCE
BOUNDARY LAYER TRANSITION
CAPILLARY FLOW
CRITICAL FLOW
FALKNER-SKAN EQUATION
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLOW STABILITY
FORCED CONVECTION
FREE CONVECTION
GAS FLOW
GAS STREAMS
INVISCID FLOW
LIQUID FLOW
LOW REYNOLDS NUMBER
MASS FLOW
MULTIPHASE FLOW
NEWTON PRESSURE LAW
OPEN CHANNEL FLOW
ORIFICE FLOW
PARALLEL FLOW
PIPE FLOW
PRANDTL-MEYER EXPANSION
RAYLEIGH-BENARD CONVECTION
REYNOLDS NUMBER
ROSHKO PREDICTION
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
TOLLMEN-SCHLICHTING WAVES
TRANSITION LAYERS
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW
VISCOUS DRAG
VISCOUS FLOW
WEDGE FLOW
X-21A AIRCRAFT

LAMINAR FLOW AIRFOILS

GS AIRFOILS
LAMINAR FLOW AIRFOILS

LAMINAR FLOW CONTROL

USE BOUNDARY LAYER CONTROL
LAMINAR BOUNDARY LAYER

LAMINAR HEAT TRANSFER

GS TRANSMISSION
HEAT TRANSMISSION
HEAT TRANSFER
LAMINAR HEAT TRANSFER
RT CONDUCTIVE HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
THERMOHYDRAULICS
TURBULENT HEAT TRANSFER

LAMINAR JETS

USE JET FLOW
LAMINAR FLOW

LAMINAR MIXING

GS MIXING
LAMINAR MIXING
RT FLUID INJECTION
GAS MIXTURES
MIXING LAYERS (FLUIDS)
TURBULENT MIXING

LAMINAR WAKES

GS WAKES
LAMINAR WAKES
RT AIRCRAFT WAKES
TURBULENT WAKES

LAMINATED MATERIALS

USE LAMINATES

LAMINATES

UF LAMINATED MATERIALS
LAMINATIONS
MULTILAYER STRUCTURES
GS COMPOSITE MATERIALS
LAMINATES
BORAL
PLYWOOD
COMPOSITE STRUCTURES
LAMINATES
BORAL
PLYWOOD
RT BONDING
BORON-EPOXY COMPOSITES
CLADDING
COATINGS
DEBONDING (MATERIALS)
FABRICS
FIBER COMPOSITES
FILAMENT WINDING
FILMS
FORMICA
GLASS FIBER REINFORCED PLASTICS
HONEYCOMB STRUCTURES
HYBRID COMPOSITES
INTERLAMINAR STRESS
INTERLAYERS
LAY-UP
LAYERS
MAGNETIC CORES
MATERIALS
MATRIX MATERIALS
METAL BONDING
METALLIZING
MULTILAYER INSULATION
PAPERS
PLATING
PLY ORIENTATION
POLYMER MATRIX COMPOSITES
PREPREGS
REINFORCED PLASTICS
REINFORCED PLATES
SANDWICH STRUCTURES
SHEETS
SUBSTRATES
THERMOSETTING RESINS
VENEERS

LAMINATIONS

USE LAMINATES

LAMPS

USE LUMINAIRES

LAMPS PROGRAM

USE LIGHT AIRBORNE MULTIPURPOSE
SYSTEM

LAN (COMPUTER NETWORKS)

USE LOCAL AREA NETWORKS

LANCE MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
LANCE MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
TRAILBLAZER 1 REENTRY VEHICLE
TX-77 ENGINE

LAND

GS LAND
ALLEGHENY PLATEAU (US)
ARID LANDS
BADLANDS
BARREN LAND
CASCADE RANGE (CA-OR-WA)
COLORADO PLATEAU (US)
DESERTS
GOBI DESERT
LIBYAN DESERT
MOJAVE DESERT (CA)
SAHARA DESERT (AFRICA)
FARMLANDS
GRASSLANDS
LLANOS ORIENTALES (COLOMBIA)
ISTHUSES
MARSHLANDS
PARKS
NATIONAL PARKS
YELLOWSTONE NATIONAL PARK
(ID-MT-WY)
PLAINS

LAND--(cont.)

- .. COASTAL PLAINS
- .. FLOOD PLAINS
- .. LLANOS ORIENTALES (COLOMBIA)
- .. PAMPAS
- .. PLAYAS
- .. TUNDRA
- .. RANGELANDS
- .. WETLANDS
- RT CAPES (LANDFORMS)
- DESERTIFICATION
- DESERTLINE
- PENINSULAS
- RESIDENTIAL AREAS
- RURAL AREAS
- RURAL LAND USE
- SITES
- SOD
- SOILS
- TOPOGRAPHY

LAND ICE

- UF ICE SHELVES
- GS ICE
- .. **LAND ICE**
- RESOURCES
- .. EARTH RESOURCES
- .. **LAND ICE**
- RT ANTARCTIC REGIONS
- GLACIAL DRIFT
- GLACIERS
- ICEBERGS
- LAKE ICE
- SEA ICE

LAND MANAGEMENT

- GS MANAGEMENT
- .. RESOURCES MANAGEMENT
- .. **LAND MANAGEMENT**
- RT ENVIRONMENT MANAGEMENT
- REGIONAL PLANNING
- RURAL LAND USE
- URBAN PLANNING
- WILDERNESS

LAND MOBILE SATELLITE SERVICE

- GS MOBILE COMMUNICATION SYSTEMS
- .. **LAND MOBILE SATELLITE SERVICE**
- RT COMMUNICATION SATELLITES
- GROUND STATIONS
- MSAT
- RADIO COMMUNICATION

LAND SURFACE TEMPERATURE

- GS TEMPERATURE
- .. **LAND SURFACE TEMPERATURE**
- RT AIR LAND INTERACTIONS
- ATMOSPHERIC TEMPERATURE
- SEA SURFACE TEMPERATURE
- SURFACE TEMPERATURE

LAND USE

- GS **LAND USE**
- .. RURAL LAND USE
- RT AGRISTARS PROJECT
- AIRPORT PLANNING
- BARREN LAND
- CHANGE DETECTION
- CONSERVATION
- DESERTIFICATION
- ∞ DEVELOPMENT
- EARTH RESOURCES
- ECONOMIC DEVELOPMENT
- ENERGY POLICY
- ENVIRONMENT MANAGEMENT
- EXPLOITATION
- ∞ FACILITIES
- FARMLANDS
- FOREST MANAGEMENT
- GRASSLANDS
- INDUSTRIAL AREAS
- LANDFILLS
- LEASING
- RESIDENTIAL AREAS
- SITE SELECTION
- SPOT (FRENCH SATELLITE)
- STARSITE PROGRAM
- SUBURBAN AREAS
- URBAN DEVELOPMENT
- URBAN PLANNING
- URBAN RESEARCH

LANDAU DAMPING

- GS DAMPING
- .. **LANDAU DAMPING**

LANDAU DAMPING--(cont.)

- RT ELECTRON PLASMA
- LANDAU FACTOR
- PHASE VELOCITY
- PLASMA WAVES
- SPACE CHARGE

LANDAU FACTOR

- RT ATOMIC ENERGY LEVELS
- ATOMIC THEORY
- LANDAU DAMPING
- PLASMAS (PHYSICS)
- SUPERCONDUCTIVITY

LANDAU-GINZBURG EQUATIONS

- RT ∞ EQUATIONS
- QUANTUM ELECTRODYNAMICS
- SUPERCONDUCTIVITY

LANDFILLS

- RT INDUSTRIAL WASTES
- LAND USE
- METHANE
- SOLID WASTES
- WASTE DISPOSAL
- WASTE UTILIZATION
- WATER POLLUTION

LANDFORMS

- GS **LANDFORMS**
- .. ARROYOS
- .. BARRIERS (LANDFORMS)
- .. OUTER BANKS (NC)
- .. REEFS
- .. BARS (LANDFORMS)
- .. BEDS (GEOLOGY)
- .. SALT BEDS
- .. BRIDGES (LANDFORMS)
- .. CALDERAS
- .. CANALS
- .. CANYONS
- .. GRAND CANYON (AZ)
- .. CAPES (LANDFORMS)
- .. CAPE HATTERAS (NC)
- .. CONES (VOLCANOES)
- .. CUSPS (LANDFORMS)
- .. DEATH VALLEY (CA)
- .. DELTAS
- .. MISSISSIPPI DELTA (LA)
- .. RHONE DELTA (FRANCE)
- .. DIVIDES (LANDFORMS)
- .. DUNES
- .. ESCARPMENTS
- .. FANS (LANDFORMS)
- .. FIORDS
- .. FLATS (LANDFORMS)
- .. TIDAL FLATS
- .. GAPS (GEOLOGY)
- .. INLETS (TOPOGRAPHY)
- .. BAYOUS
- .. COOK INLET (AK)
- .. INLIERS (LANDFORMS)
- .. ISLAND ARCS
- .. ISLANDS
- .. ALEUTIAN ISLANDS (US)
- .. ASSATEAGUE ISLAND (MD-VA)
- .. ATOLLS
- .. BAHRAIN
- .. BERMUDA
- .. CANARY ISLANDS
- .. CYPRUS
- .. GREENLAND
- .. HAWAII
- .. ICELAND
- .. INDONESIA
- .. IRELAND
- .. KEYS (ISLANDS)
- .. LONG ISLAND (NY)
- .. MADAGASCAR
- .. MALDIVES ISLANDS
- .. MALTA
- .. MAURITIUS
- .. MERRITT ISLAND (FL)
- .. NEWFOUNDLAND
- .. NUNATAKS
- .. PACIFIC ISLANDS
- .. GUAM
- .. JAPAN
- .. JOHNSTON ISLAND
- .. KURILE ISLANDS
- .. NEW GUINEA (ISLAND)
- .. NEW ZEALAND
- .. PHILIPPINES
- .. SAMOA
- .. PRINCE EDWARD ISLAND
- .. SEYCHELLES
- .. SICILY
- .. TASMANIA
- .. WALLOPS ISLAND
- .. WEST INDIES
- .. ANTIGUA AND BARBUDA
- .. BAHAMAS
- .. BARBADOS
- .. CUBA
- .. DOMINICA
- .. GRENADA
- .. GUADELOUPE
- .. HAITI
- .. JAMAICA
- .. LESSER ANTILLES
- .. MARTINIQUE
- .. PUERTO RICO
- .. TRINIDAD AND TOBAGO
- .. VIRGIN ISLANDS
- .. ISTHMUSES
- .. LAGOONS
- .. MAGDALENA-CAUCA VALLEY (COLOMBIA)
- .. MASSIFS
- .. MOUNTAINS
- .. ADIRONDACK MOUNTAINS (NY)
- .. ALPS MOUNTAINS (EUROPE)
- .. ANDES MOUNTAINS (SOUTH AMERICA)
- .. APPALACHIAN MOUNTAINS (NORTH AMERICA)
- .. BIGHORN MOUNTAINS (MT-WY)
- .. BLACK HILLS (SD-WY)
- .. CARPATHIAN MOUNTAINS (EUROPE)
- .. CASCADE RANGE (CA-OR-WA)
- .. CAUCASUS MOUNTAINS (U.S.S.R.)
- .. COASTAL RANGES (CA)
- .. GREAT SMOKY MOUNTAINS (NC-TN)
- .. HIMALAYAS
- .. PENINSULAR RANGES (CA)
- .. PYRENEES MOUNTAINS (EUROPE)
- .. ROCKY MOUNTAINS (NORTH AMERICA)
- .. SAN JUAN MOUNTAINS (CO)
- .. SIERRA NEVADA MOUNTAINS (CA)
- .. WIND RIVER RANGE (WY)
- .. WRANGELL MOUNTAINS (AK)
- .. MUSKEGS
- .. OUTLIERS (LANDFORMS)
- .. PANAMA CANAL ZONE
- .. PEAKS (LANDFORMS)
- .. PIKE'S PEAK (CO)
- .. PENINSULAS
- .. DELMARVA PENINSULA (DE-MD-VA)
- .. PHOENIX QUADRANGLE (AZ)
- .. PLAYAS
- .. RAVINES
- .. ST LAWRENCE VALLEY (NORTH AMERICA)
- .. STEPPES
- .. STRUCTURAL BASINS
- .. CIRQUES (LANDFORMS)
- .. GREAT BASIN (US)
- .. KALAHARI BASIN (AFRICA)
- .. KARST
- .. SINKHOLES
- .. KETTLES (GEOLOGY)
- .. LAKE CHAMPLAIN BASIN (NY-VT)
- .. RIVER BASINS
- .. ATCHAFALAYA RIVER BASIN (LA)
- .. CHENA RIVER BASIN (AK)
- .. COLUMBIA RIVER BASIN (ID-OR-WA)
- .. DELAWARE RIVER BASIN (US)
- .. FEATHER RIVER BASIN (CA)
- .. MISSOURI RIVER BASIN (US)
- .. SUSQUEHANNA RIVER BASIN (MD-NY-PA)
- .. WABASH RIVER BASIN (IL-IN-OH)
- .. WADIS
- .. WATERSHEDS
- .. WILLISTON BASIN (NORTH AMERICA)
- .. TERRACES (LANDFORMS)
- .. PLATEAUS
- .. ALLEGHENY PLATEAU (US)
- .. COLORADO PLATEAU (US)
- .. MESAS
- .. BUTTES
- .. PIEDMONTS
- .. CENTRAL PIEDMONT (US)
- .. TUNDRA
- .. VOLCANOES
- .. MARS VOLCANOES
- RT ARCHIPELAGOES
- CROSSBEDDING (GEOLOGY)
- DITCHES

LANDFORMS--(cont.)

EARTHQUAKE RESISTANCE
 ∞ FAULTS
 GEOLOGICAL FAULTS
 GLACIAL DRIFT
 LANDMARKS
 LANDSLIDES
 PLAINS
 ∞ PLATFORMS
 ∞ RIDGES
 SEAMOUNTS
 SLOPES
 STRUCTURAL PROPERTIES (GEOLOGY)
 TERRAIN
 TOPOGRAPHY

LANDING

GS **LANDING**
 . AIRCRAFT LANDING
 . CRASH LANDING
 . . DITCHING (LANDING)
 . . SKID LANDINGS
 . BLIND LANDING
 . GLIDE LANDINGS
 . . HORIZONTAL SPACECRAFT LANDING
 . HARD LANDING
 . SOFT LANDING
 . SPACECRAFT LANDING
 . . HORIZONTAL SPACECRAFT LANDING
 . . LUNAR LANDING
 . . MARS LANDING
 . . PLANETARY LANDING
 . TOUCHDOWN
 . VERTICAL LANDING
 . WATER LANDING
 . . DITCHING (LANDING)
 RT AIR TRAFFIC CONTROL
 APPROACH
 APPROACH AND LANDING TESTS (STS)
 ARRIVALS
 GUIDANCE (MOTION)
 INSTRUMENT FLIGHT RULES
 INSTRUMENT LANDING SYSTEMS
 MANEUVERS
 RUNWAYS
 TAKEOFF
 VISUAL FLIGHT

LANDING AIDS

UF LANDING SYSTEMS
 GS **LANDING AIDS**
 . AIRPORT BEACONS
 . . DISCRETE ADDRESS BEACON SYSTEM
 . AIRPORT LIGHTS
 . . RUNWAY LIGHTS
 . ARRESTING GEAR
 . INSTRUMENT LANDING SYSTEMS
 . . ALL-WEATHER LANDING SYSTEMS
 . . AUTOMATIC LANDING CONTROL
 . LANDING INSTRUMENTS
 . . APPROACH INDICATORS
 . LANDING RADAR
 . MICROVISION LANDING AID
 . MICROWAVE LANDING SYSTEMS
 . . MICROWAVE SCANNING BEAM LANDING SYSTEM
 RT ∞ AIDS
 AIR TRAFFIC CONTROL
 AIR TRAFFIC CONTROLLERS (PERSONNEL)
 AIRBORNE RADAR APPROACH
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 AIRPORT TOWERS
 AIRPORTS
 ANTISKID DEVICES
 APPROACH
 APPROACH CONTROL
 AUTOMATIC PILOTS
 DELAYED FLAP APPROACH
 GROUND BASED CONTROL
 GROUND SUPPORT EQUIPMENT
 HEAD-UP DISPLAYS
 HELIPORTS
 INSTRUMENT APPROACH
 MILITARY AIR FACILITIES
 NATIONAL AVIATION SYSTEM
 NAVIGATION AIDS
 PLAT SYSTEM
 RADAR APPROACH CONTROL
 RADIO BEACONS
 RUNWAYS

LANDING AIDS--(cont.)

SAFETY DEVICES
 SOLAR COMPASSES

LANDING GEAR

UF RETRACTABLE LANDING GEAR
 RT AIRCRAFT PARTS
 AIRCRAFT TIRES
 AIRFRAMES
 ∞ BICYCLE
 BRAKES (FOR ARRESTING MOTION)
 CARRIAGES
 FAIRINGS
 FLOATS
 ∞ GEAR
 HYDROFOILS
 NOSE WHEELS
 RETRACTABLE EQUIPMENT
 SELF ALIGNMENT
 SHOCK ABSORBERS
 SKIDDING
 SKIS
 SPRAY INGESTION
 TIRES
 UNDERCARRIAGES
 VEHICLE WHEELS
 WHEEL BRAKES
 WHEELS

LANDING INSTRUMENTS

GS LANDING AIDS
 . **LANDING INSTRUMENTS**
 . . APPROACH INDICATORS
 RT AIR TRAFFIC CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ALTIMETERS
 AUTOMATIC CONTROL
 BLIND LANDING
 FLIGHT INSTRUMENTS
 INSTRUMENT LANDING SYSTEMS
 MANUAL CONTROL
 MEASURING INSTRUMENTS
 RADAR APPROACH CONTROL
 SPEED INDICATORS

LANDING LOADS

GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . TRANSIENT LOADS
 . . . **LANDING LOADS**
 RT DECELERATION
 IMPACT LOADS
 SHOCK LOADS
 STRUCTURAL DESIGN CRITERIA

LANDING MATS

RT AIRCRAFT LANDING
 AIRPORTS
 MILITARY AIR FACILITIES
 RUNWAYS

LANDING MODULES

GS MODULES
 . SPACECRAFT MODULES
 . . **LANDING MODULES**
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 LSSM
 MARS EXCURSION MODULE
 SOFT LANDING SPACECRAFT
 . . **LANDING MODULES**
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 APOLLO LUNAR EXPERIMENT MODULE
 LSSM
 LUNAR MODULE 5
 LUNAR MODULE 7
 . . . MARS EXCURSION MODULE
 . . SPACECRAFT COMPONENTS
 . . SPACECRAFT MODULES
 . . **LANDING MODULES**
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 LSSM
 MARS EXCURSION MODULE
 RT APOLLO SPACECRAFT
 INTERPLANETARY SPACECRAFT
 LAUNCH VEHICLES
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 REENTRY VEHICLES
 REUSABLE SPACECRAFT
 SPACE CAPSULES

LANDING MODULES--(cont.)

SPACECRAFT DOCKING MODULES

LANDING RADAR

GS LANDING AIDS
 . **LANDING RADAR**
 RADAR
 RT **LANDING RADAR**
 AIR TRAFFIC CONTROL
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 APPROACH CONTROL
 INSTRUMENT APPROACH
 RADAR APPROACH CONTROL

LANDING SIMULATION

GS SIMULATION
 . **LANDING SIMULATION**
 RT ALTITUDE SIMULATION
 ATMOSPHERIC ENTRY SIMULATION
 COMPUTERIZED SIMULATION
 FLIGHT SIMULATION
 SPACECRAFT LANDING
 TRAINING SIMULATORS

LANDING SITES

GS SITES
 . **LANDING SITES**
 . . LUNAR LANDING SITES
 RT HELIPORTS
 RECOVERY ZONES
 RUNWAYS
 TRAJECTORY CONTROL

LANDING SPEED

GS RATES (PER TIME)
 . **LANDING SPEED**
 VELOCITY
 . **LANDING SPEED**
 RT HIGH SPEED
 LOW SPEED

LANDING SYSTEMS

USE LANDING AIDS

LANDMARKS

RT LANDFORMS
 TERRAIN
 TOPOGRAPHY

LANDSAT E

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE E
 EOS-A
 ERTS-E
 GS ARTIFICIAL SATELLITES
 . LANDSAT SATELLITES
 . . **LANDSAT E**

LANDSAT F

UF EARTH RESOURCES TECHNOLOGY
 SATELLITE F
 EOS-B
 ERTS-F
 GS ARTIFICIAL SATELLITES
 . LANDSAT SATELLITES
 . . **LANDSAT F**

LANDSAT FOLLOW-ON MISSIONS

UF LFO
 RT ∞ MISSIONS
 MULTIMISSION MODULAR SPACECRAFT

LANDSAT SATELLITES

UF EARTH RESOURCES TECHNOLOGY
 SATELLITES
 EOS
 ERTS
 GS ARTIFICIAL SATELLITES
 . **LANDSAT SATELLITES**
 . . LANDSAT E
 . . LANDSAT F
 . . LANDSAT 1
 . . LANDSAT 2
 . . LANDSAT 3
 . . LANDSAT 4
 . . LANDSAT 5
 RT AGRISTARS PROJECT
 EARTH OBSERVATIONS (FROM SPACE)
 EARTHNET
 MAPSAT
 NASA PROGRAMS
 OCEANOGRAPHY
 SATELLITE OBSERVATION

LANDSAT SATELLITES--(cont.)

SEASAT PROGRAM
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE

LANDSAT 1

UF EARTH RESOURCES TECHNOLOGY
SATELLITE 1
ERTS-A
GS ARTIFICIAL SATELLITES
. LANDSAT SATELLITES
. **LANDSAT 1**

LANDSAT 2

UF EARTH RESOURCES TECHNOLOGY
SATELLITE B
ERTS-B
GS ARTIFICIAL SATELLITES
. LANDSAT SATELLITES
. **LANDSAT 2**

LANDSAT 3

UF EARTH RESOURCES TECHNOLOGY
SATELLITE C
ERTS-C
GS ARTIFICIAL SATELLITES
. LANDSAT SATELLITES
. **LANDSAT 3**
RT PLASMA INTERACTION EXPERIMENT

LANDSAT 4

UF EARTH RESOURCES TECHNOLOGY
SATELLITE D
ERTS-D
GS ARTIFICIAL SATELLITES
. LANDSAT SATELLITES
. **LANDSAT 4**
RT THEMATIC MAPPERS (LANDSAT)

LANDSAT 5

GS ARTIFICIAL SATELLITES
. LANDSAT SATELLITES
. **LANDSAT 5**
RT THEMATIC MAPPERS (LANDSAT)

LANDSCAPE

USE TERRAIN
TOPOGRAPHY

LANDSLIDES

GS EARTH MOVEMENTS
. **LANDSLIDES**
RT CLIFFS
FLOOD DAMAGE
LANDFORMS
RAIN EROSION
ROCKS
SLOPES
SOIL EROSION
SOILS
STORM DAMAGE

LANES

USE PATHS

LANGEVIN FORMULA

RT DISPERSING
FERROMAGNETISM
MAGNETIC MOMENTS

LANGLEY COMPLEX COORDINATOR

GS SIMULATORS
. ENVIRONMENT SIMULATORS
. SPACE SIMULATORS
. **LANGLEY COMPLEX COORDINATOR**
RT FLIGHT SIMULATORS
GRAVITATIONAL EFFECTS
ROTATING ENVIRONMENTS
SPACE ENVIRONMENT SIMULATION
WEIGHTLESSNESS SIMULATION

LANGMUIR PROBES

USE ELECTROSTATIC PROBES

LANGMUIR-BLODGETT FILMS

GS THIN FILMS
. MONOMOLECULAR FILMS
. **LANGMUIR-BLODGETT FILMS**
RT COATINGS
∞ FILMS
INTEGRATED OPTICS

LANGMUIR-BLODGETT FILMS--(cont.)

MOLECULAR ELECTRONICS
POLYMERIC FILMS

LANGUAGE PROGRAMMING

GS SOFTWARE ENGINEERING
. COMPUTER PROGRAMMING
. **LANGUAGE PROGRAMMING**
RT COMPUTER ASSISTED INSTRUCTION
DATA PROCESSING
HIGH LEVEL LANGUAGES
LANGUAGES
MACHINE ORIENTED LANGUAGES
MACHINE TRANSLATION
SYMBOLIC PROGRAMMING
∞ TRANSLATORS

LANGUAGES

GS **LANGUAGES**
. COMMAND LANGUAGES
. QUERY LANGUAGES
. ENGLISH LANGUAGE
. ORTHOGRAPHY
. PROGRAMMING LANGUAGES
. ALGOL
. APL (PROGRAMMING LANGUAGE)
. ASSEMBLY LANGUAGE
. AUTOCODERS
. COMPASS (PROGRAMMING
LANGUAGE)
. MAP (PROGRAMMING LANGUAGE)
. BASIC (PROGRAMMING LANGUAGE)
. COBOL
. COGO (PROGRAMMING LANGUAGE)
. CONTEXT FREE LANGUAGES
. FORTH (PROGRAMMING LANGUAGE)
. FORTRAN
. HAL/S (LANGUAGE)
. HIGH LEVEL LANGUAGES
. ADA (PROGRAMMING LANGUAGE)
. C (PROGRAMMING LANGUAGE)
. C++ (PROGRAMMING
LANGUAGE)
. LISP (PROGRAMMING LANGUAGE)
. MACHINE ORIENTED LANGUAGES
. MARVS (PROGRAMMING
LANGUAGE)
. NATURAL LANGUAGE (COMPUTERS)
. PASCAL (PROGRAMMING LANGUAGE)
. PL/1
. PROLOG (PROGRAMMING LANGUAGE)
. SENTENCES
. WORDS (LANGUAGE)
. SYLLABLES
RT ALPHABETS
ARTICULATION (SPEECH)
CODING
COMMUNICATION THEORY
GRAMMARS
LANGUAGE PROGRAMMING
LINGUISTICS
MACHINE TRANSLATION
PHONEMES
PHONEMICS
PHONETICS
SEMANTICS
SPEECH
SYMBOLS
SYNTAX
TRANSLATING
VERBAL COMMUNICATION
VOWELS

LANTHANIDE SERIES METALS

USE RARE EARTH ELEMENTS

LANTHANUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. **LANTHANUM**
. LANTHANUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. **LANTHANUM**
. LANTHANUM ISOTOPES
RT DIDYMIUM

LANTHANUM ALLOYS

GS ALLOYS
. RARE EARTH ALLOYS
. **LANTHANUM ALLOYS**

LANTHANUM CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS

LANTHANUM CHLORIDES--(cont.)

. CHLORIDES
. **LANTHANUM CHLORIDES**
. HALIDES
. CHLORIDES
. **LANTHANUM CHLORIDES**
. METAL HALIDES
. **LANTHANUM CHLORIDES**
LANTHANUM COMPOUNDS
. **LANTHANUM CHLORIDES**

LANTHANUM COMPOUNDS

GS **LANTHANUM COMPOUNDS**
. LANTHANUM CHLORIDES
. LANTHANUM FLUORIDES
. LANTHANUM OXIDES
. LANTHANUM TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

LANTHANUM FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORIDES
. METAL FLUORIDES
. **LANTHANUM FLUORIDES**
LANTHANUM COMPOUNDS
. **LANTHANUM FLUORIDES**

LANTHANUM ISOTOPES

UF LANTHANUM 140
GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. **LANTHANUM ISOTOPES**
. RARE EARTH ELEMENTS
. LANTHANUM
. **LANTHANUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. LANTHANUM
. **LANTHANUM ISOTOPES**

LANTHANUM OXIDES

GS CHALCOGENIDES
. OXIDES
. METAL OXIDES
. **LANTHANUM OXIDES**
LANTHANUM COMPOUNDS
. **LANTHANUM OXIDES**

LANTHANUM TELLURIDES

GS CHALCOGENIDES
. TELLURIDES
. **LANTHANUM TELLURIDES**
LANTHANUM COMPOUNDS
. **LANTHANUM TELLURIDES**
RARE EARTH COMPOUNDS
. **LANTHANUM TELLURIDES**
TELLURIUM COMPOUNDS
. TELLURIDES
. **LANTHANUM TELLURIDES**

LANTHANUM 140

USE LANTHANUM ISOTOPES

LAOS

GS NATIONS
. **LAOS**
RT ASIA

LAP JOINTS

GS JOINTS (JUNCTIONS)
. **LAP JOINTS**
RT BOLTED JOINTS
BUTT JOINTS
METAL JOINTS
RIVETED JOINTS
SOLDERED JOINTS
WELDED JOINTS

LAPLACE EQUATION

RT ∞ EQUATIONS
HARMONIC FUNCTIONS
PARTIAL DIFFERENTIAL EQUATIONS
POISSON EQUATION
STOKES-BELTRAMI EQUATION

LAPLACE OPERATORS

USE LAPLACE TRANSFORMATION

LAPLACE TRANSFORMATION

UF LAPLACE OPERATORS
GS ANALYSIS (MATHEMATICS)

LAPLACE TRANSFORMATION--(cont.)

- . FUNCTIONAL ANALYSIS
- . . INTEGRAL TRANSFORMATIONS
- . . . **LAPLACE TRANSFORMATION**
- FUNCTIONS (MATHEMATICS)
- . **LAPLACE TRANSFORMATION**
- TRANSFORMATIONS (MATHEMATICS)
- . . INTEGRAL TRANSFORMATIONS
- . . . **LAPLACE TRANSFORMATION**
- RT DIFFERENTIAL EQUATIONS
- OPERATORS (MATHEMATICS)

LAPSE RATE

- RT HUMIDITY
- TEMPERATURE
- TEMPERATURE INVERSIONS
- TEPHIGRAMS

LARA AIRCRAFT

- USE COIN AIRCRAFT

LARGE APERTURE SEISMIC ARRAY

- GS ARRAYS
- . **LARGE APERTURE SEISMIC ARRAY**
- RT EARTH MOVEMENTS
- EARTHQUAKES
- MEASURING INSTRUMENTS
- SEISMIC WAVES
- SEISMOLOGY

LARGE AREA CROP INVENTORY EXPERIMENT

- RT AGRICULTURE
- AGROPHYSICAL UNITS
- CROP GROWTH
- CROP INVENTORIES
- ∞ CROPS
- EARTH RESOURCES
- EARTH RESOURCES PROGRAM
- FARM CROPS
- INVENTORIES

LARGE DEPLOYABLE REFLECTOR

- UF LDR (TELESCOPE)
- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . . ASTRONOMICAL SATELLITES
- . . . **LARGE DEPLOYABLE REFLECTOR**
- OBSERVATORIES
- . ASTRONOMICAL OBSERVATORIES
- . . ASTRONOMICAL SATELLITES
- . . . **LARGE DEPLOYABLE REFLECTOR**
- TELESCOPES
- . INFRARED TELESCOPES
- . . **LARGE DEPLOYABLE REFLECTOR**
- . . REFLECTING TELESCOPES
- . . . **LARGE DEPLOYABLE REFLECTOR**
- SPACEBORNE TELESCOPES
- . . **LARGE DEPLOYABLE REFLECTOR**
- RT INFRARED ASTRONOMY
- LARGE SPACE STRUCTURES
- REFLECTORS
- SPACE ERECTABLE STRUCTURES
- SUBMILLIMETER WAVES

LARGE INFRARED TELESCOPE ON SPACELAB

- USE LIRTS (TELESCOPE)

LARGE SCALE INTEGRATION

- UF LSI
- GS CIRCUITS
- . INTEGRATED CIRCUITS
- . . **LARGE SCALE INTEGRATION**
- MICROELECTRONICS
- . **LARGE SCALE INTEGRATION**
- RT APPLICATION SPECIFIC INTEGRATED
- CIRCUITS
- CHIPS (ELECTRONICS)
- DTL INTEGRATED CIRCUITS
- ELECTRONIC PACKAGING
- LINEAR INTEGRATED CIRCUITS
- MEDIUM SCALE INTEGRATION
- MICROMINIATURIZATION
- MICROPROCESSORS
- MOLECULAR ELECTRONICS
- PRINTED CIRCUITS
- TTL INTEGRATED CIRCUITS
- VERY LARGE SCALE INTEGRATION
- VHSIC (CIRCUITS)

LARGE SPACE STRUCTURES

- RT COLUMBUS SPACE STATION
- CONTINUUM MODELING
- EXPANDABLE STRUCTURES
- FLEXIBLE SPACECRAFT
- HOOP COLUMN ANTENNAS

LARGE SPACE STRUCTURES--(cont.)

- INTRAORBIT TRANSFER VEHICLES
- LARGE DEPLOYABLE REFLECTOR
- LASER GYROSCOPES
- MAYPOLE ANTENNAS
- MEGAMECHANICS
- ORBITAL SERVICING
- ORBITAL SPACE TESTS
- SELF SHADOWING
- SHAPE CONTROL
- SMART STRUCTURES
- SOLAR POWER SATELLITES
- SPACE ERECTABLE STRUCTURES
- SPACE OPERATIONS CENTER (NASA)
- SPACE STATION FREEDOM
- SPACE STATION STRUCTURES
- SPACE STATIONS
- SPACE TECHNOLOGY EXPERIMENTS
- SPACECRAFT STRUCTURES
- ∞ STRUCTURES

LARGE SPACE TELESCOPE

- USE HUBBLE SPACE TELESCOPE

LARGOS SATELLITE

- GS ARTIFICIAL SATELLITES
- . GEODETIC SATELLITES
- . . **LARGOS SATELLITE**
- RT EXPLORER 29 SATELLITE
- EXPLORER 36 SATELLITE
- GEOS 1 SATELLITE
- GEOS 2 SATELLITE
- GEOS 3 SATELLITE

LARMOR PRECESSION

- GS GYRATION
- . PRECESSION
- . . **LARMOR PRECESSION**
- RT CYCLOTRON FREQUENCY
- CYCLOTRON RADIATION

LARMOR RADIUS

- GS DIMENSIONS
- . RADII
- . . **LARMOR RADIUS**
- GEOMETRY
- . EUCLIDEAN GEOMETRY
- . . RADII
- RT . . **LARMOR RADIUS**
- CYCLOTRON RADIATION
- GYROMAGNETISM
- PLASMA PHYSICS
- PRECESSION

LARVAE

- GS **LARVAE**
- . BOLLWORMS
- . SILKWORMS
- RT ANIMALS
- ARTHROPODS
- INFESTATION
- INSECTS
- INVERTEBRATES
- PUPA
- WORMS

LARYNX

- GS ANATOMY
- . RESPIRATORY SYSTEM
- . . **LARYNX**
- . . . GLOTTIS
- . . . VOCAL CORDS
- RT CARTILAGE

LASER ABLATION

- GS ABLATION
- . **LASER ABLATION**
- RT LASER ANNEALING
- LASER APPLICATIONS
- LASER BEAMS
- LASER DAMAGE
- LASER DRILLING
- LASER HEATING
- LASER PLASMAS
- LASER TARGET INTERACTIONS
- LASER WELDING

LASER ALTIMETERS

- GS MEASURING INSTRUMENTS
- . DISTANCE MEASURING EQUIPMENT
- . . ALTIMETERS
- . . . **LASER ALTIMETERS**
- RT AIRCRAFT INSTRUMENTS
- ALTITUDE CONTROL
- ∞ INSTRUMENTS

LASER ALTIMETERS--(cont.)

- LASERS
- OPTICAL RADAR
- SATELLITE INSTRUMENTS
- SPACECRAFT INSTRUMENTS

LASER ANEMOMETERS

- GS MEASURING INSTRUMENTS
- . ANEMOMETERS
- . . **LASER ANEMOMETERS**
- RT FLOW VELOCITY
- VELOCITY MEASUREMENT

LASER ANNEALING

- GS HEAT TREATMENT
- . ANNEALING
- . . **LASER ANNEALING**
- RT HEATING
- LASER ABLATION
- LASER CUTTING
- LASERS
- NORMALIZING (HEAT TREATMENT)
- RECRYSTALLIZATION
- SIMULATED ANNEALING
- TEMPERING

LASER APPLICATIONS

- GS UTILIZATION
- . **LASER APPLICATIONS**
- . . LASER CUTTING
- . . LASER DEPOSITION
- . . . PULSED LASER DEPOSITION
- . . LASER FUSION
- RT AIRBORNE LASERS
- DATA TRANSMISSION
- HOLE BURNING
- LASER ABLATION
- LASER HEATING
- LASER PROPULSION
- LASER WEAPONS
- LASERS
- METAL WORKING
- OPTICAL DATA STORAGE MATERIALS
- OPTICAL DISKS
- OPTICAL RADAR
- OPTICAL RELAY SYSTEMS
- PHOTOACOUSTIC SPECTROSCOPY
- PLASMA DYNAMIC LASERS
- PRODUCTION ENGINEERING
- RAPID BALLISTICS IDENTIFICATION
- SPACEBORNE LASERS
- SPECKLE HOLOGRAPHY
- SPECKLE INTERFEROMETRY
- TECHNOLOGY UTILIZATION
- ULTRASHORT PULSED LASERS

LASER ARRAYS

- GS ARRAYS
- RT . **LASER ARRAYS**
- COUPLED MODES
- FAR FIELDS
- LASER BEAMS
- LASER MODES
- LASER OUTPUTS
- LASERS
- LINEAR ARRAYS
- NEAR FIELDS
- OPTICAL COUPLING
- PHASED ARRAYS
- SEMICONDUCTOR LASERS
- STIMULATED EMISSION DEVICES
- SURFACE EMITTING LASERS

LASER BEAM DEFOCUSING

- USE THERMAL BLOOMING

LASER BEAMS

- SN (LIMITED TO THE TRANSMISSION AND
- INTERACTIONS OF LASER RADIATION;
- FOR THE QUANTITATIVE AND
- QUALITATIVE CHARACTERISTICS OF THE
- RADIATION PRODUCED BY A LASER
- USE 'LASER OUTPUTS')
- UF LASER RADIATION
- GS BEAMS (RADIATION)
- . LIGHT BEAMS
- . . **LASER BEAMS**
- COHERENT RADIATION
- . COHERENT ELECTROMAGNETIC
- RADIATION
- . . **LASER BEAMS**
- ELECTROMAGNETIC RADIATION
- . COHERENT ELECTROMAGNETIC
- RADIATION
- . . **LASER BEAMS**

LASER BEAMS--(cont.)

GS LIGHT BEAMS
 . . . **LASER BEAMS**
 RT BEAMFORMING
 FOUR-WAVE MIXING
 LASER ABLATION
 LASER ARRAYS

LASER CAVITIES

UF OPTICAL GENERATORS
 RT AMPLIFIERS
 LASER STABILITY
 LASERS
 LIGHT AMPLIFIERS
 ∞ OPTICS
 PULSE GENERATORS
 SEMICONDUCTOR LASERS
 SOLID STATE DEVICES
 SOLID STATE LASERS
 STIMULATED EMISSION DEVICES

LASER COMMUNICATION

USE OPTICAL COMMUNICATION

LASER CUTTING

GS CUTTING
 . . . **LASER CUTTING**
 UTILIZATION
 . . . LASER APPLICATIONS
 . . . **LASER CUTTING**
 RT BLANKING (CUTTING)
 CUTTERS
 FOCUSING
 FORMING TECHNIQUES
 LASER ANNEALING
 LASER DRILLING
 LASER HEATING
 LASER OUTPUTS
 LASER TARGET INTERACTIONS
 MACHINING
 ∞ MATERIALS SCIENCE
 METAL CUTTING
 MICROMACHINING
 SPLITTING
 THERMAL BLOOMING

LASER DAMAGE

GS DAMAGE
 . . . RADIATION DAMAGE
 . . . **LASER DAMAGE**
 RADIATION EFFECTS
 RADIATION DAMAGE
 . . . **LASER DAMAGE**
 RT BURNS (INJURIES)
 LASER ABLATION
 PULSED RADIATION
 RADIATION HAZARDS

LASER DEPOSITION

GS DEPOSITION
 . . . **LASER DEPOSITION**
 . . . PULSED LASER DEPOSITION
 UTILIZATION
 . . . LASER APPLICATIONS
 . . . **LASER DEPOSITION**
 . . . PULSED LASER DEPOSITION
 RT CRYSTAL GROWTH
 EPITAXY
 EXCIMER LASERS
 LASER HEATING
 SUPERCONDUCTING FILMS
 VAPOR DEPOSITION

LASER DIODES

USE SEMICONDUCTOR LASERS

LASER DOPPLER VELOCIMETERS

GS MEASURING INSTRUMENTS
 . . . **LASER DOPPLER VELOCIMETERS**
 OPTICAL EQUIPMENT
 . . . **LASER DOPPLER VELOCIMETERS**
 RT FLOW MEASUREMENT
 NONINTRUSIVE MEASUREMENT
 OPTICAL MEASURING INSTRUMENTS
 PARTICLE IMAGE VELOCIMETRY
 VELOCITY MEASUREMENT

LASER DRILLING

GS DRILLING
 . . . **LASER DRILLING**
 RT FOCUSING
 LASER ABLATION
 LASER CUTTING
 MICROMACHINING

LASER FUSION

GS UTILIZATION
 . . . LASER APPLICATIONS
 . . . **LASER FUSION**
 RT ∞ FUSION
 GLASS LASERS
 HIGH POWER LASERS
 INERTIAL FUSION (REACTOR)
 NOVA LASER SYSTEM
 PLASMAS (PHYSICS)
 SHIVA LASER SYSTEM

LASER GEODYNAMIC SATELLITE

USE LAGEOS (SATELLITE)

LASER GUIDANCE

GS GUIDANCE (MOTION)
 . . . TERMINAL GUIDANCE
 . . . **LASER GUIDANCE**
 RT COMPUTER PROGRAMS
 HOMING DEVICES
 IMPACT PREDICTION
 MISSILE CONTROL

LASER GYROSCOPES

GS GYROSCOPES
 . . . **LASER GYROSCOPES**
 RT LARGE SPACE STRUCTURES
 OPTICAL GYROSCOPES
 SAGNAC EFFECT
 ∞ SENSORS
 SPACECRAFT GUIDANCE
 STABILIZATION

LASER HEATING

GS HEATING
 . . . **LASER HEATING**
 RT HEAT SOURCES
 LASER ABLATION
 LASER APPLICATIONS
 LASER CUTTING
 LASER DEPOSITION
 PULSE HEATING
 PULSED LASER DEPOSITION
 PULSED LASERS
 THERMAL BLOOMING
 YAG LASERS

LASER INDUCED FLUORESCENCE

UF LIF (FLUORESCENCE)
 GS EMISSION
 . . . LIGHT EMISSION
 . . . LUMINESCENCE
 . . . FLUORESCENCE
 . . . **LASER INDUCED FLUORESCENCE**
 RT ELECTROMAGNETIC ABSORPTION
 EXCITATION
 EXTINCTION
 IRRADIATION
 LASER OUTPUTS
 LASER SPECTROSCOPY
 MOSSBAUER EFFECT
 PHOSPHORS
 PHOTOIONIZATION
 PHOTOLUMINESCENCE
 PLASMA RADIATION

LASER INTERFEROMETRY

GS INTERFEROMETRY
 . . . **LASER INTERFEROMETRY**
 RT SAGNAC EFFECT

LASER MATERIALS

RT ALEXANDRITE
 GADOLINIUM-GALLIUM GARNET
 MASER MATERIALS
 ∞ MATERIALS
 METAL VAPOR LASERS
 QUANTUM WELL LASERS
 RHODAMINE
 SULFUR HEXAFLUORIDE
 XENON CHLORIDE LASERS
 XENON FLUORIDE LASERS
 YAG LASERS

LASER MICROSCOPY

GS MICROSCOPY
 . . . **LASER MICROSCOPY**
 RT ELECTRO-OPTICS
 LIGHT AMPLIFIERS
 METAL VAPOR LASERS
 MICROELECTRONICS

LASER MODE LOCKING

GS LOCKING
 . . . **LASER MODE LOCKING**
 RT INJECTION LOCKING
 LASERS
 OPTICAL COUPLING

LASER MODES

GS MODES
 . . . **LASER MODES**
 RT AXIAL MODES
 FIELD MODE THEORY
 HELIUM-NEON LASERS
 LASER ARRAYS
 LASER STABILITY
 OPTICAL RESONATORS
 TEA LASERS
 WAVEGUIDE LASERS
 WAVELENGTHS

LASER OUTPUTS

SN (LIMITED TO THE QUANTITATIVE AND QUALITATIVE CHARACTERISTICS OF THE RADIATION PRODUCED BY A LASER; FOR THE TRANSMISSION AND INTERACTIONS OF LASER RADIATION USE "LASER BEAMS")
 GS OUTPUT
 . . . **LASER OUTPUTS**
 RT ATMOSPHERIC LASERS
 ∞ COHERENCE
 COHERENT LIGHT
 DIFFRACTION RADIATION
 DISTRIBUTED FEEDBACK LASERS
 DYE LASERS
 EXCIMER LASERS
 FREQUENCY PULLING
 GASDYNAMIC LASERS
 GLASS LASERS
 HELIUM-NEON LASERS
 HIGH POWER LASERS
 HOLOGRAPHIC INTERFEROMETRY
 LASER ARRAYS
 LASER CUTTING
 LASER INDUCED FLUORESCENCE
 LASER STABILITY
 MASER OUTPUTS
 NOVA LASER SYSTEM
 OPTICAL RESONATORS
 OPTICAL WAVEGUIDES
 PHASE MATCHING
 PHOTON BEAMS
 PICOSECOND PULSES
 PULSE DURATION
 QUANTUM EFFICIENCY
 RADIANT FLUX DENSITY
 SHIVA LASER SYSTEM
 SPECKLE PATTERNS
 THERMAL BLOOMING
 TUBE LASERS
 TWO-WAVELENGTH LASERS
 ULTRAVIOLET LASERS
 VOLUMETRIC EFFICIENCY
 WAVEGUIDE LASERS
 WAVELENGTHS
 X RAY LASERS
 XENON CHLORIDE LASERS
 XENON FLUORIDE LASERS
 YAG LASERS

LASER PLASMA INTERACTIONS

GS ELECTROMAGNETIC INTERACTIONS
 . . . PLASMA-ELECTROMAGNETIC INTERACTION
 . . . **LASER PLASMA INTERACTIONS**
 PLASMA INTERACTIONS
 . . . PLASMA-ELECTROMAGNETIC INTERACTION
 . . . **LASER PLASMA INTERACTIONS**
 RT BACKSCATTERING
 ELECTROMAGNETIC COUPLING
 GLASS LASERS
 ∞ INTERACTIONS
 PLASMAS (PHYSICS)
 THETA PINCH

LASER PLASMAS

SN (EXCLUDES LASER OUTPUTS)
 GS PARTICLES
 . . . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **LASER PLASMAS**
 RT INERTIAL FUSION (REACTOR)
 LASER ABLATION

LASER PLASMAS--(cont.)
LASERS**LASER POWER BEAMING**

UF POWER TRANSMISSION (LASERS)

GS POWER BEAMING

RT **LASER POWER BEAMING**

ENERGY CONVERSION

LASER PROPULSION

MICROWAVE POWER BEAMING

MICROWAVE TRANSMISSION

SATELLITE POWER TRANSMISSION

SPACECRAFT POWER SUPPLIES

LASER PROPULSION

GS PROPULSION

ELECTRIC PROPULSION

LASER PROPULSION

RT AIRCRAFT ENGINES

HYBRID PROPULSION

LASER APPLICATIONS

LASER POWER BEAMING

OPTICAL PUMPING

POWER BEAMING

PROPULSION SYSTEM CONFIGURATIONS

PROPULSIVE EFFICIENCY

RANKINE CYCLE

ROCKET ENGINES

SPACECRAFT PROPULSION

THERMODYNAMIC CYCLES

LASER PUMPING

GS OPTICAL PUMPING

LASER PUMPING

RT LASERS

MASER PUMPING

∞ PUMPING

RARE GAS-HALIDE LASERS

SOLAR-PUMPED LASERS

STIMULATED EMISSION DEVICES

WIGGLER MAGNETS

LASER RADAR

USE OPTICAL RADAR

LASER RADIATION

USE LASER BEAMS

LASER RANGE FINDERS

GS MEASURING INSTRUMENTS

DISTANCE MEASURING EQUIPMENT

RANGE FINDERS

OPTICAL RANGE FINDERS

LASER RANGE FINDERS

OPTICAL MEASURING INSTRUMENTS

OPTICAL RANGE FINDERS

LASER RANGE FINDERS

OPTICAL EQUIPMENT

OPTICAL MEASURING INSTRUMENTS

OPTICAL RANGE FINDERS

LASER RANGE FINDERS

RT LAGEOS (SATELLITE)

LUNAR RANGEFINDING

LUNAR RETROREFLECTORS

NAVIGATION AIDS

NAVIGATION INSTRUMENTS

LASER RANGER/TRACKER

RT AIRBORNE LASERS

RANGE FINDERS

RANGEFINDING

TRACKING (POSITION)

LASER SPECTROMETERS

GS MEASURING INSTRUMENTS

SPECTROMETERS

LASER SPECTROMETERS

RT ABSORPTION SPECTRA

INFRARED SPECTROSCOPY

LASER SPECTROSCOPY

LASER SPECTROSCOPY

GS SPECTROSCOPY

OPTICAL EMISSION SPECTROSCOPY

LASER SPECTROSCOPY

RT CHEMICAL ANALYSIS

LASER INDUCED FLUORESCENCE

LASER SPECTROMETERS

PHOTOACOUSTIC SPECTROSCOPY

SPECTROSCOPIC ANALYSIS

SPECTRUM ANALYSIS

LASER STABILITY

RT CONTINUOUS WAVE LASERS

LASER STABILITY--(cont.)

FREQUENCY PULLING

FREQUENCY STABILITY

LASER CAVITIES

LASER MODES

LASER OUTPUTS

LASER TARGET DESIGNATORS

RT ∞ DETECTORS

MISSILE TRACKING

SATELLITE TRACKING

TARGET RECOGNITION

TARGETS

LASER TARGET INTERACTIONS

RT ∞ INTERACTIONS

LASER ABLATION

LASER CUTTING

LASERS

PULSED LASERS

TARGETS

LASER TARGETS

GS TARGETS

LASER TARGETS

RT GLASS LASERS

LASERS

LASER WEAPONS

GS WEAPON SYSTEMS

LASER WEAPONS

WEAPONS

RT **LASER WEAPONS**

FUSION WEAPONS

LASER APPLICATIONS

LASERS

MILITARY TECHNOLOGY

SPACE WEAPONS

STIMULATED EMISSION DEVICES

LASER WELDING

GS WELDING

FUSION WELDING

LASER WELDING

RT BONDING

HEATING

LASER ABLATION

PULSED LASERS

SOLDERING

LASER WINDOWS

GS WINDOWS (INTERVALS)

LASER WINDOWS

RT BANDWIDTH

ENERGY BANDS

LASERS

LASERS

UF FABRY-PEROT LASERS

NATURAL LASERS

OPTICAL MASERS

GS STIMULATED EMISSION DEVICES

LASERS

AIRBORNE LASERS

ARGON LASERS

ATMOSPHERIC LASERS

CARBON LASERS

CHEMICAL LASERS

HCL LASERS

CONTINUOUS WAVE LASERS

DISTRIBUTED FEEDBACK LASERS

FREE ELECTRON LASERS

GAMMA RAY LASERS

GAS LASERS

CARBON DIOXIDE LASERS

CARBON MONOXIDE LASERS

DF LASERS

EXCIMER LASERS

HCL LASERS

HCL ARGON LASERS

HCN LASERS

HELIUM-NEON LASERS

HF LASERS

KRYPTON FLUORIDE LASERS

NITROGEN LASERS

TEA LASERS

ULTRAVIOLET LASERS

XENON CHLORIDE LASERS

XENON FLUORIDE LASERS

GASDYNAMIC LASERS

GLASS LASERS

HIGH POWER LASERS

NOVA LASER SYSTEM

SHIVA LASER SYSTEM

INFRARED LASERS

LASERS--(cont.)

INJECTION LASERS

IODINE LASERS

LIQUID LASERS

METAL VAPOR LASERS

NEODYMIUM LASERS

NUCLEAR PUMPED LASERS

ORGANIC LASERS

DYE LASERS

PLASMA DYNAMIC LASERS

PULSED LASERS

Q SWITCHED LASERS

ULTRASHORT PULSED LASERS

ULTRAVIOLET LASERS

RAMAN LASERS

RARE GAS-HALIDE LASERS

KRYPTON FLUORIDE LASERS

XENON CHLORIDE LASERS

XENON FLUORIDE LASERS

RING LASERS

SEMICONDUCTOR LASERS

ALUMINUM GALLIUM ARSENIDE LASERS

GALLIUM ARSENIDE LASERS

YLF LASERS

SOLAR-PUMPED LASERS

SOLID STATE LASERS

ALUMINUM GALLIUM ARSENIDE LASERS

DBR LASERS

GALLIUM ARSENIDE LASERS

RUBY LASERS

YAG LASERS

YLF LASERS

SPACEBORNE LASERS

SURFACE EMITTING LASERS

TUNABLE LASERS

TWO-WAVELENGTH LASERS

WAVEGUIDE LASERS

X RAY LASERS

RT ALKALI VAPOR LAMPS

AMPLIFIERS

BEAM SWITCHING

∞ COHERENCE

COHERENT ELECTROMAGNETIC

RADIATION

COHERENT LIGHT

ELECTRON PUMPING

GADOLINIUM-GALLIUM GARNET

GARNETS

HOLE BURNING

HOLOGRAPHY

INFRARED WINDOWS

INTERPLANETARY COMMUNICATION

INTERSTELLAR MASERS

KERR ELECTROOPTICAL EFFECT

LASER ALTIMETERS

LASER ANNEALING

LASER APPLICATIONS

LASER ARRAYS

LASER CAVITIES

LASER MODE LOCKING

LASER PLASMAS

LASER PUMPING

LASER TARGET INTERACTIONS

LASER TARGETS

LASER WEAPONS

LASER WINDOWS

LASING

LIGHT AMPLIFIERS

LIGHT MODULATION

LIGHT SOURCES

LIGHT TRANSMISSION

LUNAR COMMUNICATION

MASERS

MICROBALLOONS

MOLECULAR OSCILLATORS

NUCLEAR PUMPING

OPTICAL COMMUNICATION

OPTICAL DATA PROCESSING

OPTICAL MEMORY (DATA STORAGE)

OPTICAL PUMPING

OPTICAL RESONATORS

∞ OPTICS

PHASE MATCHING

PHOTODIODES

PHOTONICS

PULSE GENERATORS

PULSED RADIATION

QUANTUM AMPLIFIERS

QUANTUM ELECTRONICS

RAPID BALLISTICS IDENTIFICATION

SENARMONT POLARISCOPE

SOLID STATE DEVICES

SPACE COMMUNICATION

STIMULATED EMISSION

LASERS--(cont.)

THERMAL BLOOMING
THRESHOLD CURRENTS
TRANSIENT OSCILLATIONS
TRAVELING WAVE MODULATION

LASING

RT DISTRIBUTED FEEDBACK LASERS
ELECTRON TRANSITIONS
EXCIMER LASERS
HOLE BURNING
KRYPTON FLUORIDE LASERS
LASERS
NITROGEN LASERS
OPTICAL TRANSITION
RARE GAS-HALIDE LASERS
STIMULATED EMISSION DEVICES
SURFACE EMITTING LASERS

LASV

USE F-111 AIRCRAFT

LATCH-UP

RT CMOS
ELECTRICAL IMPEDANCE
INTEGRATED CIRCUITS
P-N-P-N JUNCTIONS
SWITCHING CIRCUITS

LATCHES

RT FASTENERS
HOLDERS
LINKAGES
PINS

LATE STARS

GS CELESTIAL BODIES
. STARS
. . . LATE STARS
. . . COOL STARS
. . . CARBON STARS
. . . FLARE STARS
. . . K STARS
. . . M STARS
. . . VAN BIESBROECK STAR
. . . MIRA VARIABLES
. . . OMICRON CETI STAR
. . . S STARS
RT ASYMPTOTIC GIANT BRANCH STARS
DWARF STARS
EARLY STARS
GIANT STARS
MAIN SEQUENCE STARS
RED DWARF STARS
RED GIANT STARS
STELLAR EVOLUTION
SUBGIANT STARS

LATENESS

RT DELAY
SCHEDULING

LATENT HEAT

GS CHEMICAL PROPERTIES
. THERMOCHEMICAL PROPERTIES
. . . LATENT HEAT
. . . HEAT OF FUSION
. . . HEAT OF VAPORIZATION
HEAT
. ENTHALPY
. . . LATENT HEAT
. . . HEAT OF FUSION
. . . HEAT OF VAPORIZATION
THERMODYNAMIC PROPERTIES
. ENTHALPY
. . . LATENT HEAT
. . . HEAT OF FUSION
. . . HEAT OF VAPORIZATION
. THERMOCHEMICAL PROPERTIES
. . . LATENT HEAT
. . . HEAT OF FUSION
. . . HEAT OF VAPORIZATION
. THERMOPHYSICAL PROPERTIES
. . . LATENT HEAT
. . . HEAT OF FUSION
. . . HEAT OF VAPORIZATION

LATENT HEAT OF FUSION

USE HEAT OF FUSION

LATERAL CONTROL

UF LATERALIZATION
ROLL CONTROL
GS ATTITUDE CONTROL

LATERAL CONTROL--(cont.)**. LATERAL CONTROL**

RT AILERONS
AIRCRAFT CONTROL
ALTITUDE CONTROL
AUTOMATIC CONTROL
∞CONTROL
DIRECTIONAL CONTROL
ELEVONS
HELICOPTER CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
MISSILE CONTROL
ROLL
SATELLITE ATTITUDE CONTROL
SATELLITE CONTROL

LATERAL OSCILLATION

UF SNAKING
RT DIRECTIONAL STABILITY
ROLL
STABILITY AUGMENTATION
TRANSVERSE OSCILLATION
TURNING FLIGHT
YAW
YAWING MOMENTS

LATERAL STABILITY

UF DIHEDRAL EFFECT
LATERALITY
GS DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
. . . MOTION STABILITY
. . . ATTITUDE STABILITY
. . . . LATERAL STABILITY
STABILITY
. DYNAMIC STABILITY
. . . MOTION STABILITY
. . . ATTITUDE STABILITY
. . . . LATERAL STABILITY
RT AERODYNAMIC STABILITY
AIRCRAFT STABILITY
DIHEDRAL ANGLE
DIRECTIONAL STABILITY
FLOW STABILITY
HANDEDNESS
HOVERING STABILITY
LONGITUDINAL STABILITY
ROLL
ROLLING MOMENTS
ROTARY STABILITY
SPACECRAFT STABILITY
TURNING FLIGHT
VERTICAL ORIENTATION

LATERALITY

USE LATERAL STABILITY

LATERALIZATION

USE LATERAL CONTROL

LATERITES

GS SOILS
. LATERITES
RT DECOMPOSITION
ROCKS
TROPICAL REGIONS
WATER

LATEX

GS RUBBER
. LATEX
RT ACRYLIC RESINS
ELASTOMERS
SYNTHETIC RUBBERS

LATHES

GS TOOLS
. MACHINE TOOLS
. . . LATHES
. . . TURRET LATHES
RT ∞CONSTRUCTION MATERIALS
GRINDING MACHINES

LATIN SQUARE METHOD

RT ∞MATHEMATICS
∞METHODODOLOGY
∞VARIABLE

LATITUDE

GS LATITUDE
. GEOMAGNETIC LATITUDE
RT COORDINATES
GEODETIC COORDINATES

LATITUDE--(cont.)

LONGITUDE
POSITION (LOCATION)

LATITUDE MEASUREMENT

RT LONGITUDE MEASUREMENT
∞MEASUREMENT
NAVIGATION
POSITIONING

LATTICE IMPERFECTIONS

USE CRYSTAL DEFECTS

LATTICE PARAMETERS

GS INDEPENDENT VARIABLES
. LATTICE PARAMETERS
RT CRYSTAL LATTICES
CRYSTALLOGRAPHY
PATTERSON MAP
SUPERLATTICES
X RAY ANALYSIS

LATTICE VIBRATIONS

GS VIBRATION
. LATTICE VIBRATIONS
RT CRYSTAL DEFECTS
CRYSTAL LATTICES
FORBIDDEN BANDS
PARTICLE MOTION
PHONONS
RANDOM VIBRATION
SPIN-LATTICE RELAXATION
THERMAL ENERGY

∞ LATTICES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CRYSTAL LATTICES
LATTICES (MATHEMATICS)

LATTICES (MATHEMATICS)

UF SUBLATTICES
GS MATHEMATICAL LOGIC
. LATTICES (MATHEMATICS)
. . . BOOLEAN ALGEBRA
. . . BOOLEAN FUNCTIONS
RT COMMUNICATION THEORY
KAKUTANI THEOREM
∞LATTICES
∞MATHEMATICS
∞MATRICES
SET THEORY
VORTEX LATTICE METHOD

LATVIA

RT BALTIC SEA
EUROPE
NATIONS

LAUE METHOD

GS X RAY ANALYSIS
. LAUE METHOD
RT CRYSTAL LATTICES
CRYSTALLOGRAPHY
DIFFRACTION
∞METHODODOLOGY
X RAY DIFFRACTION

LAUGHING

RT EMOTIONS
HUMAN REACTIONS

LAUNCH CLOUDS

USE EXHAUST CLOUDS

LAUNCH COMPLEXES

USE LAUNCHING BASES

LAUNCH DATES

RT LAUNCHING
SPACECRAFT LAUNCHING
TIME
TURNAROUND (STS)

LAUNCH ESCAPE SYSTEMS

UF LES (ESCAPE SYSTEMS)
GS ESCAPE SYSTEMS
. LAUNCH ESCAPE SYSTEMS
RT ESCAPE CAPSULES
ESCAPE ROCKETS
∞SYSTEMS

LAUNCH TIME

USE LAUNCH WINDOWS

LAUNCH VEHICLE CONFIGURATIONS

RT ADVANCED LAUNCH SYSTEM (STS)
AERODYNAMIC CONFIGURATIONS
∞ CONFIGURATIONS
HOTOL LAUNCH VEHICLE
MISSILE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RECOVERABLE LAUNCH VEHICLES
SPACECRAFT CONFIGURATIONS

LAUNCH VEHICLES

UF CARRIER ROCKETS

GS **LAUNCH VEHICLES**

. ABLESTAR LAUNCH VEHICLE
. ARIANE LAUNCH VEHICLE
. ATLAS LAUNCH VEHICLES
. . ATLAS ABLE 5 LAUNCH VEHICLE
. . ATLAS AGENA B LAUNCH VEHICLE
. . ATLAS AGENA LAUNCH VEHICLES
. . ATLAS CENTAUR LAUNCH VEHICLE
. . ATLAS SLV-3 LAUNCH VEHICLE
. BLUE SCOUT ROCKET VEHICLE
. BLUE STREAK LAUNCH VEHICLE
. CENTAUR LAUNCH VEHICLE
. . ATLAS CENTAUR LAUNCH VEHICLE
. DELTA LAUNCH VEHICLE
. DIAMANT LAUNCH VEHICLE
. ELDO LAUNCH VEHICLE
. EUROPA LAUNCH VEHICLES
. . EUROPA 1 LAUNCH VEHICLE
. . EUROPA 2 LAUNCH VEHICLE
. . EUROPA 3 LAUNCH VEHICLE
. . EUROPA 4 LAUNCH VEHICLE
. HEAVY LIFT LAUNCH VEHICLES
. HYLAR STAR ROCKET VEHICLE
. JUNO LAUNCH VEHICLES
. . JUNO 1 LAUNCH VEHICLE
. . JUNO 2 LAUNCH VEHICLE
. LITTLE JOE 2 LAUNCH VEHICLE
. NOMAD LAUNCH VEHICLE
. NOVA LAUNCH VEHICLES
. PEGASUS AIR-LAUNCHED BOOSTER
. RAM B LAUNCH VEHICLE
. RECOVERABLE LAUNCH VEHICLES
. REUSABLE LAUNCH VEHICLES
. SINGLE STAGE TO ORBIT VEHICLES
. . HOTOL LAUNCH VEHICLE
. SATURN LAUNCH VEHICLES
. . SATURN D LAUNCH VEHICLE
. . SATURN 1 LAUNCH VEHICLES
. . . SATURN 1 SA-1 LAUNCH VEHICLE
. . . SATURN 1 SA-2 LAUNCH VEHICLE
. . . SATURN 1 SA-3 LAUNCH VEHICLE
. . . SATURN 1 SA-4 LAUNCH VEHICLE
. . . SATURN 1 SA-5 LAUNCH VEHICLE
. . . SATURN 1 SA-6 LAUNCH VEHICLE
. . . SATURN 1 SA-7 LAUNCH VEHICLE
. . . SATURN 1 SA-8 LAUNCH VEHICLE
. . . SATURN 1 SA-9 LAUNCH VEHICLE
. . . SATURN 1 SA-10 LAUNCH VEHICLE
. SATURN 1B LAUNCH VEHICLES
. SATURN 2 LAUNCH VEHICLES
. SATURN 5 LAUNCH VEHICLES
. SCOUT LAUNCH VEHICLE
. STANDARD LAUNCH VEHICLES
. . ATLAS SLV-3 LAUNCH VEHICLE
. . STANDARD LAUNCH VEHICLE 5
. THOR LAUNCH VEHICLES
. . THOR ABLE ROCKET VEHICLE
. . THOR AGENA LAUNCH VEHICLE
. . THOR DELTA LAUNCH VEHICLE
. THORAD LAUNCH VEHICLES
. . THOR ABLE ROCKET VEHICLE
. . THOR AGENA LAUNCH VEHICLE
. . THOR DELTA LAUNCH VEHICLE
. TITAN CENTAUR LAUNCH VEHICLE
. TITAN LAUNCH VEHICLES
. . TITAN 3 LAUNCH VEHICLE
. . TITAN 4 LAUNCH VEHICLE
. VANGUARD 2 LAUNCH VEHICLE
. VEGA LAUNCH VEHICLE
RT ADVANCED LAUNCH SYSTEM (STS)
AEROSPACE PLANES
BOOSTER ROCKET ENGINES
∞ BOOSTER ROCKETS
∞ BOOSTERS
CENTAUR PROJECT
EXHAUST CLOUDS
FLIGHT TEST VEHICLES
JUPITER C ROCKET VEHICLE
JUPITER PROJECT
LANDING MODULES

LAUNCH VEHICLES--(cont.)

LAUNCHERS
LAUNCHING
MISSILE LAUNCHERS
MISSILES
MULTIENGINE VEHICLES
MULTISTAGE ROCKET VEHICLES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET CATAPULTS
ROCKET ENGINES
ROCKET LAUNCHERS
ROCKET LAUNCHING
ROCKET VEHICLES
∞ ROCKETS
SATURN PROJECT
SCOUT PROJECT
SPACE PROCESSING APPLICATIONS
ROCKET
∞ SPACECRAFT
SPACECRAFT LAUNCHING
SUSTAINER ROCKET ENGINES
TEST VEHICLES
TITAN PROJECT
∞ VEHICLES
VERNIER ENGINES
∞ WINGED VEHICLES

LAUNCH WINDOWS

UF LAUNCH TIME
GS WINDOWS (INTERVALS)
. **LAUNCH WINDOWS**
RT LAUNCHING
ROCKET LAUNCHING
SPACECRAFT LAUNCHING

LAUNCHERS

UF LAUNCHING DEVICES
GS **LAUNCHERS**
. AIRCRAFT LAUNCHING DEVICES
. . JATO ENGINES
. . CATAPULTS
. . ROCKET CATAPULTS
. GUN LAUNCHERS
. HYPERVELOCITY LAUNCHERS
. MISSILE LAUNCHERS
. . MOBILE MISSILE LAUNCHERS
. ROCKET LAUNCHERS
. . ROCKET CATAPULTS
RT LAUNCH VEHICLES
LAUNCHING
LAUNCHING PADS
LAUNCHING SITES
MASS DRIVERS
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET LAUNCHING
TITAN PROJECT

LAUNCHING

GS **LAUNCHING**
. AIR LAUNCHING
. ROCKET LAUNCHING
. . LIFTOFF (LAUNCHING)
. . LUNAR LAUNCH
. . ORBITAL LAUNCHING
. SEA LAUNCHING
. SPACECRAFT LAUNCHING
. . LIFTOFF (LAUNCHING)
RT COUNTDOWN
EXHAUST CLOUDS
LAUNCH DATES
LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHERS
MISSILE LAUNCHERS
NATIONAL LAUNCH VEHICLE PROGRAM
PRELAUNCH TESTS
ROCKET LAUNCHERS
∞ SHOT
STARTING
TITAN PROJECT

LAUNCHING BASES

UF LAUNCH COMPLEXES
GS **LAUNCHING BASES**
. CAPE KENNEDY LAUNCH COMPLEX
RT ∞ FACILITIES
GROUND SUPPORT EQUIPMENT

LAUNCHING DEVICES

USE LAUNCHERS

LAUNCHING PADS

GS SITES
. LAUNCHING SITES
. **LAUNCHING PADS**

LAUNCHING PADS--(cont.)

RT FLAME DEFLECTORS
GANTRY CRANES
GROUND SUPPORT EQUIPMENT
LAUNCHERS
LIFTOFF (LAUNCHING)
∞ PAD
∞ PLATFORMS
SPACECRAFT LAUNCHING
UMBILICAL TOWERS

LAUNCHING SITES

GS SITES
. **LAUNCHING SITES**
. . LAUNCHING PADS
RT EXHAUST CLOUDS
GANTRY CRANES
GROUND SUPPORT EQUIPMENT
LAUNCHERS
MISSILE LAUNCHERS
MISSILE SILOS
MISSILES
NATIONAL LAUNCH VEHICLE PROGRAM
ROCKET CATAPULTS
ROCKET LAUNCHERS

LAVA

GS EFFUSIVES
. **LAVA**
RT AGGREGATES
CALDERAS
CONES (VOLCANOES)
EARTH RESOURCES
IGNEOUS ROCKS
MAGMA
MARIA
MARS VOLCANOES
MINERALS
REGOLITH
RHYOLITE
ROCKS
SOILS
VOLCANOES
VOLCANOLOGY

LAVAL NUMBER

GS RATIOS
. DIMENSIONLESS NUMBERS
. **LAVAL NUMBER**

LAW

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CLAIMING
LAW (JURISPRUDENCE)
LAWS

LAW (JURISPRUDENCE)

UF FORENSIC SCIENCES
GS **LAW (JURISPRUDENCE)**
. INTERNATIONAL LAW
. AIR LAW
. SEA LAW
. SPACE LAW
. PUBLIC LAW
. LIABILITIES
. . LEGAL LIABILITY
. . PENALTIES
RT CONSTITUTION
CRIME
∞ LAW
POLITICS
REGULATIONS
VOTING

LAWRENCIUM

GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. . TRANSURANIUM ELEMENTS
. . **LAWRENCIUM**
. . NUCLIDES
. . ISOTOPES
. . . RADIOACTIVE ISOTOPES
. . . . TRANSURANIUM ELEMENTS
. . . . **LAWRENCIUM**
METALS
. ACTINIDE SERIES
. . TRANSURANIUM ELEMENTS
. . **LAWRENCIUM**

LAWS

GS **LAWS**
. CHILD-LANGMUIR LAW
. CLOSURE LAW

LAWS--(cont.)

- . COFFIN-MANSON LAW
 - . CONSERVATION LAWS
 - . FOURIER LAW
 - . HOOKES LAW
 - . KEPLER LAWS
 - . NEWTON PRESSURE LAW
 - . NEWTON SECOND LAW
 - . NEWTON-BUSEMANN LAW
 - . OHMS LAW
 - . RADIATION LAWS
 - . KIRCHHOFF LAW OF RADIATION
 - . STEFAN-BOLTZMANN LAW
 - . STOKES LAW OF RADIATION
 - . SCALING LAWS
 - . SIMILITUDE LAW
 - . SNELLS LAW
 - . TAFEL LAW
 - . WEBER-FECHNER LAW
- RT ∞ LAW
 RULES
 ∞ STOKES LAW

LAY-UP

- RT ARAMID FIBERS
 CARBON FIBER REINFORCED PLASTICS
 COMPOSITE MATERIALS
 COMPOSITE STRUCTURES
 EPOXY RESINS
 FIBER ORIENTATION
 LAMINATES
 REINFORCING FIBERS

∞ LAYERS

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
- UF LAMINA
 PLIES
- RT ANTICLINES
 ATMOSPHERIC BOUNDARY LAYER
 BARRIER LAYERS
 BOUNDARY LAYERS
 COATINGS
 DEEP SCATTERING LAYERS
 EARTH IONOSPHERE
 EKMAN LAYER
 FLAT LAYERS
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOSYNCLINES
 INTERCALATION
 INTERLAYERS
 LAMINATES
 MEMBRANES
 MIXING LAYERS (FLUIDS)
 MONOMOLECULAR FILMS
 MULTILAYER INSULATION
 PLASMA LAYERS
 PLY ORIENTATION
 REGIONS
 SEDIMENTARY ROCKS
 SHEAR LAYERS
 SHOCK LAYERS
 STRATA
 STRATIFICATION
 SUBSTRATES
 SURFACE LAYERS
 SYNCLINES
 THREE DIMENSIONAL BOUNDARY LAYER
 TURBULENT BOUNDARY LAYER

LAYOUTS

- RT BLUEPRINTS
 CIRCUIT DIAGRAMS
 CONSTRUCTION
 DESCRIPTIVE GEOMETRY
- ∞ DESIGN
- ∞ DRAWING
 DRAWINGS
 ENGINEERING DRAWINGS
 MODELS
- ∞ PLANS
 SURVEYS

LAZAREV METEORITE

- GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . LAZAREV METEORITE
- RT STONY METEORITES

LC CIRCUITS

- GS CIRCUITS
 . LC CIRCUITS

LC CIRCUITS--(cont.)

- RT INDUCTANCE
 NETWORK ANALYSIS
 NETWORK SYNTHESIS
 PARAMETRIC AMPLIFIERS
 RC CIRCUITS
 RL CIRCUITS
 RLC CIRCUITS
 TIME CONSTANT

LCRE REACTOR

- USE LITHIUM COOLED REACTOR
 EXPERIMENT

LDEF

- USE LONG DURATION EXPOSURE FACILITY

LDR (TELESCOPE)

- USE LARGE DEPLOYABLE REFLECTOR

LEACHING

- RT AUTOCLAVING
 BENEFICIATION
 DISSOLVING
 ELUTION
 EXTRACTION
 FLUSHING
 HYDROMETALLURGY
 PERCOLATION
 PERMEABILITY
 ∞ SEPARATION

LEAD (METAL)

- GS CHEMICAL ELEMENTS
 . LEAD (METAL)
 . . LEAD ISOTOPES
 METALS
 . LEAD (METAL)
 . . LEAD ISOTOPES

LEAD ACETATES

- GS ACETATES
 . LEAD ACETATES
 ESTERS
 . LEAD ACETATES
 LEAD COMPOUNDS
 . LEAD ACETATES
 ORGANIC COMPOUNDS
 . LEAD ORGANIC COMPOUNDS
 . . LEAD ACETATES

LEAD ACID BATTERIES

- GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . LEAD ACID BATTERIES
- RT CHEMICAL AUXILIARY POWER UNITS
 ∞ ELECTRIC CELLS
 ELECTROLYTIC CELLS
 ENERGY STORAGE
 NICKEL IRON BATTERIES
 ∞ POWER SUPPLIES

LEAD ALLOYS

- GS ALLOYS
 . LEAD ALLOYS
- RT BEARING ALLOYS
 INDIUM ALLOYS
 SOLDERS

LEAD CHLORIDES

- GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . LEAD CHLORIDES
 . . HALIDES
 . . CHLORIDES
 . . . LEAD CHLORIDES
 . . METAL HALIDES
 . . . LEAD CHLORIDES
 LEAD COMPOUNDS
 . LEAD CHLORIDES

LEAD COMPOUNDS

- UF PLUMBANE
- GS LEAD COMPOUNDS
 . LEAD ACETATES
 . LEAD CHLORIDES
 . LEAD MOLYBDATES
 . LEAD OXIDES
 . LEAD SELENIDES
 . LEAD SULFIDES
 . LEAD TELLURIDES
 . LEAD TITANATES

LEAD COMPOUNDS--(cont.)

- RT . LEAD TUNGSTATES
 ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4A COMPOUNDS
 ∞ METAL COMPOUNDS

LEAD ISOTOPES

- GS CHEMICAL ELEMENTS
 . LEAD (METAL)
 . . LEAD ISOTOPES
 . . NUCLIDES
 . . ISOTOPES
 . . . LEAD ISOTOPES
 METALS
 . LEAD (METAL)
 . . LEAD ISOTOPES

LEAD MOLYBDATES

- GS LEAD COMPOUNDS
 . LEAD MOLYBDATES
 MOLYBDENUM COMPOUNDS
 . MOLYBDATES
 . . LEAD MOLYBDATES

LEAD ORGANIC COMPOUNDS

- GS ORGANIC COMPOUNDS
 . LEAD ORGANIC COMPOUNDS
 . . LEAD ACETATES
- RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

LEAD OXIDES

- GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . LEAD OXIDES
 LEAD COMPOUNDS
 . LEAD OXIDES

LEAD POISONING

- GS DISEASES
 . TOXIC DISEASES
 . . LEAD POISONING
 TOXICITY
 . LEAD POISONING
- RT OCCUPATIONAL DISEASES
 ∞ POISONING
 SMOG

LEAD SELENIDES

- GS CHALCOGENIDES
 . SELENIDES
 . . LEAD SELENIDES
 LEAD COMPOUNDS
 . LEAD SELENIDES
 SELENIUM COMPOUNDS
 . SELENIDES
 . . LEAD SELENIDES

LEAD SULFIDES

- GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . LEAD SULFIDES
 LEAD COMPOUNDS
 . LEAD SULFIDES
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . LEAD SULFIDES

LEAD TELLURIDES

- GS CHALCOGENIDES
 . TELLURIDES
 . . LEAD TELLURIDES
 LEAD COMPOUNDS
 . LEAD TELLURIDES
 TELLURIUM COMPOUNDS
 . TELLURIDES
 . . LEAD TELLURIDES

LEAD TITANATES

- GS LEAD COMPOUNDS
 . LEAD TITANATES
 TITANIUM COMPOUNDS
 . TITANATES
 . . LEAD TITANATES

LEAD TUNGSTATES

- GS LEAD COMPOUNDS
 . LEAD TUNGSTATES
 TUNGSTEN COMPOUNDS
 . TUNGSTATES
 . . LEAD TUNGSTATES

LEAD ZIRCONATE TITANATES

- GS TITANIUM COMPOUNDS
 - . TITANATES
 - . . . PIEZOELECTRIC CERAMICS
 - . . . LEAD ZIRCONATE TITANATES

LEADERSHIP

- RT MORALE
- PERSONNEL MANAGEMENT

LEADING EDGE FLAPS

- GS AIRFOILS
 - . FLAPS (CONTROL SURFACES)
 - . . WING FLAPS
 - . . . LEADING EDGE FLAPS
 - BRAKES (FOR ARRESTING MOTION)
 - . AERODYNAMIC BRAKES
 - . . WING FLAPS
 - . . . LEADING EDGE FLAPS
 - CONTROL SURFACES
 - . FLAPS (CONTROL SURFACES)
 - . . WING FLAPS
 - . . . LEADING EDGE FLAPS
 - DRAG DEVICES
 - . AERODYNAMIC BRAKES
 - . . WING FLAPS
 - . . . LEADING EDGE FLAPS
 - AIRCRAFT STRUCTURES
 - VORTEX FLAPS
 - ∞ WINGED VEHICLES
 - WINGS
- RT

LEADING EDGE SLATS

- UF WING SLATS
- GS AIRFOILS
 - . FLAPS (CONTROL SURFACES)
 - . . WING FLAPS
 - . . . LEADING EDGE SLATS
 - BRAKES (FOR ARRESTING MOTION)
 - . AERODYNAMIC BRAKES
 - . . WING FLAPS
 - . . . LEADING EDGE SLATS
 - AIRCRAFT BRAKES
 - . . WING FLAPS
 - . . . LEADING EDGE SLATS
 - CONTROL SURFACES
 - . FLAPS (CONTROL SURFACES)
 - . . WING FLAPS
 - . . . LEADING EDGE SLATS
 - DRAG DEVICES
 - . AERODYNAMIC BRAKES
 - . . WING FLAPS
 - . . . LEADING EDGE SLATS
 - BOUNDARY LAYER CONTROL
 - SPLIT FLAPS
 - SPOILERS
 - TRAILING EDGE FLAPS
 - WING SLOTS
- RT

LEADING EDGE SWEEP

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . . ANGLES (GEOMETRY)
 - . . . SWEEP ANGLE
 - SWEEPBACK
 - LEADING EDGE SWEEP

LEADING EDGE THRUST

- GS THRUST
 - . LEADING EDGE THRUST
- RT AERODYNAMIC FORCES
 - AIRFOILS
 - LEADING EDGES
 - LIFT
 - WING LOADING

LEADING EDGES

- GS EDGES
 - . LEADING EDGES
 - . . BLUNT LEADING EDGES
 - . . SHARP LEADING EDGES
- RT AIRFOILS
 - FOREBODIES
 - LEADING EDGE THRUST
 - THRUST DISTRIBUTION
 - TRAILING EDGES
 - VORTEX FLAPS

LEAF AREA INDEX

- GS RATIOS
 - . INDEXES (RATIOS)
 - . . LEAF AREA INDEX
- RT CANOPIES (VEGETATION)
 - CROP IDENTIFICATION
 - CROP INVENTORIES

LEAF AREA INDEX--(cont.)

- LEAVES
- REMOTE SENSING
- SPECTRAL REFLECTANCE
- VEGETATIVE INDEX

LEAKAGE

- RT BRUSH SEALS
- CAVITIES
- CRACKS
- DEFECTS
- ∞ ESCAPE
- FLUID FLOW
- INTRUSION
- LABYRINTH SEALS
- LOSS OF COOLANT
- LOSSES
- PERMEABILITY
- PINHOLES
- POROSITY
- ∞ REDUCTION
- SEEPAGE
- WASTES

LEAR JET AIRCRAFT

- GS COMMERCIAL AIRCRAFT
 - . LEAR JET AIRCRAFT
 - JET AIRCRAFT
 - . LEAR JET AIRCRAFT
- RT ∞ AIRCRAFT

LEARNING

- GS LEARNING
 - . ASTRONAUT TRAINING
 - . CONDITIONING (LEARNING)
 - . HABITUATION (LEARNING)
 - . MAZE LEARNING
 - . TRANSFER OF TRAINING
- RT ACHIEVEMENT
 - APTITUDE
 - BEHAVIOR
 - CHILD DEVICE
 - DECONDITIONING
 - EDUCATION
 - EDUCATIONAL TELEVISION
 - HABITS
 - INSTRUCTORS
 - KNOWLEDGE
 - MEMORY
 - MOTIVATION
 - REINFORCEMENT (PSYCHOLOGY)
 - RESPONSES
 - RETENTION (PSYCHOLOGY)
 - STUDENTS
 - TEACHING MACHINES
 - TEXTBOOKS
 - TRAINING ANALYSIS
 - TRAINING EVALUATION
 - UNIVERSITIES

LEARNING CURVES

- RT ASYMPTOTIC METHODS
- ∞ CURVES

LEARNING MACHINES

- USE MACHINE LEARNING

LEARNING THEORY

- RT CHILD DEVICE
- EDUCATION
- PROBLEM SOLVING
- ∞ THEORIES

LEASING

- GS PROCUREMENT
 - . LEASING
- RT CONTRACTS
 - LAND USE
 - NASA PROGRAMS
 - RESOURCES MANAGEMENT
 - SITE SELECTION

LEAST SQUARES METHOD

- GS ANALYSIS (MATHEMATICS)
 - . NUMERICAL ANALYSIS
 - . . APPROXIMATION
 - . . . LEAST SQUARES METHOD
- RT CORRELATION
 - CURVE FITTING
 - GAUSS-MARKOV THEOREM
 - MEAN SQUARE VALUES
 - ∞ METHODOLOGY
 - OPTIMIZATION
 - PARAMETER IDENTIFICATION
 - QUALITY CONTROL

LEAST SQUARES METHOD--(cont.)

- REGRESSION ANALYSIS
- SIMULTANEOUS EQUATIONS

LEATHER

- RT CLOTHING
- COLLAGENS
- SHOES
- SKIN (ANATOMY)

LEAVES

- RT BROWN WAVE EFFECT
- CANOPIES (VEGETATION)
- DECIDUOUS TREES
- DEFOLIANTS
- DEFOLIATION
- FOLIAGE
- GREEN WAVE EFFECT
- HERBICIDES
- LEAF AREA INDEX
- PLANTS (BOTANY)

LEBANON

- GS NATIONS
 - . LEBANON
- RT ASIA

LEBESGUE THEOREM

- GS ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . . MEASURE AND INTEGRATION
 - . . . LEBESGUE THEOREM
 - THEOREMS
 - . LEBESGUE THEOREM
- RT SET THEORY

LECTURES

- UF SPEECHES
- RT EDUCATION
 - PUBLIC SPEAKING
 - SPEECH
 - VERBAL COMMUNICATION

LED (DIODES)

- USE LIGHT EMITTING DIODES

LEDGES

- RT CLIFFS
- ROCKS
- TOPOGRAPHY

LEE WAVES

- RT AIR CURRENTS
- BAROTROPIC FLOW
- SURFACE WAVES
- TROPOSPHERIC WAVES
- VERTICAL AIR CURRENTS

LEG (ANATOMY)

- GS ANATOMY
 - . LIMBS (ANATOMY)
 - . . LEG (ANATOMY)
 - . . . FEET (ANATOMY)
 - . . . KNEE (ANATOMY)
 - APPENDAGES
 - . LEG (ANATOMY)
 - . . FEET (ANATOMY)
 - . . KNEE (ANATOMY)
- RT FEMUR
- THIGH
- TIBIA

LEGAL LIABILITY

- GS LAW (JURISPRUDENCE)
 - . PUBLIC LAW
 - . . LIABILITIES
 - . . . LEGAL LIABILITY
- RT AIR LAW
 - CONTRACTS
 - INSURANCE (CONTRACTS)
 - INTERNATIONAL LAW
 - JUDGMENTS
 - LOSSES
 - PENALTIES
 - PROHIBITION

LEGENDRE CODE

- USE COMPUTER PROGRAMMING
- NEUTRON SCATTERING

LEGENDRE FUNCTIONS

- UF LEGENDRE POLYNOMIALS
- LEGENDRE TRANSFORMATION
- GS ANALYSIS (MATHEMATICS)

LEGENDRE FUNCTIONS--(cont.)

COMPLEX VARIABLES
 . LEGENDRE FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . LEGENDRE FUNCTIONS
 ORTHOGONAL FUNCTIONS
 SPHERICAL HARMONICS

LEGENDRE POLYNOMIALS
 USE LEGENDRE FUNCTIONS

LEGENDRE TRANSFORMATION
 USE LEGENDRE FUNCTIONS

LEGIBILITY
 RT CHARACTER RECOGNITION
 CONTRAST
 PERCEPTION
 PRINTING
 READING
 RESOLUTION
 SYMBOLS
 VISIBILITY
 VISION

LEGUMINOUS PLANTS
 GS FARM CROPS
 . LEGUMINOUS PLANTS
 . . SOYBEANS
 PLANTS (BOTANY)
 . LEGUMINOUS PLANTS
 . . SOYBEANS
 RT AGRICULTURE
 BOTANY
 EARTH RESOURCES
 ∞FOOD
 HAY
 NITROGENATION
 NODULES
 VEGETABLES

LEIDENFROST PHENOMENON
 GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . BOILING
 . . . NUCLEATE BOILING
 LEIDENFROST PHENOMENON
 RT FILM BOILING
 HEAT TRANSFER

LEM (LUNAR MODULE)
 USE LUNAR MODULE

LEMMAS
 USE THEOREMS

LENGTH
 GS DIMENSIONS
 . LENGTH
 . . DIFFUSION LENGTH
 RT DISTANCE
 THICKNESS

LENNARD-JONES GAS
 RT BINARY FLUIDS
 GAS VISCOSITY
 LENNARD-JONES POTENTIAL

LENNARD-JONES POTENTIAL
 RT COMPUTERIZED SIMULATION
 INTERMOLECULAR FORCES
 LENNARD-JONES GAS
 MOLECULAR INTERACTIONS
 POTENTIAL THEORY

LENS ANTENNAS
 GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . LENS ANTENNAS
 . . RADIO ANTENNAS
 . . MICROWAVE ANTENNAS
 . . . LENS ANTENNAS
 MICROWAVE EQUIPMENT
 . MICROWAVE ANTENNAS
 . . LENS ANTENNAS
 RADIO EQUIPMENT
 . RADIO ANTENNAS
 . . MICROWAVE ANTENNAS
 . . . LENS ANTENNAS
 RT ANTENNA DESIGN
 DIPOLE ANTENNAS
 HORN ANTENNAS
 LENSES
 MULTIBEAM ANTENNAS

LENS ANTENNAS--(cont.)
 RADAR ANTENNAS
 WAVEGUIDE ANTENNAS
 WIRE GRID LENSES

LENS DESIGN
 RT ANTIREFLECTION COATINGS
 COMPUTER AIDED DESIGN
 ∞DESIGN
 GRADIENT INDEX OPTICS
 LENSES
 OPTICAL CORRECTION PROCEDURE
 ∞OPTICS
 PRODUCT DEVELOPMENT
 STIGMATISM
 ZOOM LENSES

LENSES
 GS LENSES
 . CONTACT LENSES
 . FRESNEL LENSES
 . GRAVITATIONAL LENSES
 . MAGNETIC LENSES
 . WIDE ANGLE LENSES
 . WIRE GRID LENSES
 . ZOOM LENSES
 RT ASTIGMATISM
 CAMERAS
 CATARACTS
 CIRCUMSOLAR TELESCOPES
 EYE (ANATOMY)
 EYEPICES
 FOCUSING
 GRADIENT INDEX OPTICS
 INTEGRATED OPTICS
 LENS ANTENNAS
 LENS DESIGN
 MAGNIFICATION
 OPTICAL EQUIPMENT
 OPTICAL FILTERS
 OPTICAL MATERIALS
 ∞OPTICS
 PANORAMIC CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 REFRACTING TELESCOPES
 REFRACTION
 RETICLES
 STIGMATISM
 STREAK CAMERAS
 TELESCOPES
 VIGNETTING

LENTICULAR BODIES
 GS SYMMETRICAL BODIES
 . LENTICULAR BODIES
 RT AXISYMMETRIC BODIES
 ∞BODIES
 CONVEXITY

LEO ENVIRONMENTS
 USE EARTH ORBITAL ENVIRONMENTS

LEONID METEORIDS
 GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . LEONID METEORIDS
 . . METEORIDS
 . . LEONID METEORIDS

LEPTONS
 GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . LEPTONS
 ANTINEUTRINOS
 MUONS
 NEUTRINOS
 SOLAR NEUTRINOS
 RT CHARGED PARTICLES
 CHARM (PARTICLE PHYSICS)
 GLUONS
 MESONS
 PARTONS
 QUANTUM CHROMODYNAMICS
 QUARK PARTON MODEL

LES (ESCAPE SYSTEMS)
 USE LAUNCH ESCAPE SYSTEMS

LES (SATELLITES)
 USE LINCOLN EXPERIMENTAL SATELLITES

LESA (LUNAR EXPLORATION SYSTEM)
 USE LUNAR EXPLORATION SYSTEM FOR
 APOLLO

LESIONS
 GS INJURIES
 . LESIONS
 . . PULMONARY LESIONS
 RT ABRASION
 BURNS (INJURIES)

LESOTHO
 GS NATIONS
 . LESOTHO
 RT AFRICA
 REPUBLIC OF SOUTH AFRICA

LESSER ANTILLES
 GS LANDFORMS
 . ISLANDS
 . . WEST INDIES
 . . . LESSER ANTILLES
 RT ATLANTIC OCEAN

LETHALITY
 RT CARBON MONOXIDE POISONING
 DAMAGE
 DESTRUCTION

LETHARGY
 RT BOREDOM
 ∞DEPRESSION
 DETACHMENT
 FRUSTRATION
 HUMAN BEHAVIOR
 ∞INHIBITION
 MONOTONY

LETTERS (SYMBOLS)
 USE SYMBOLS

LEUCINE
 GS ACIDS
 . AMINO ACIDS
 . . LEUCINE
 . . . NORLEUCINE
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . LEUCINE
 . . . NORLEUCINE

LEUKEMIAS
 GS DISEASES
 . TUMORS
 . . NEOPLASMS
 . . . CANCER
 LEUKEMIAS
 RT BONE MARROW
 OCCUPATIONAL DISEASES

LEUKOCYTES
 UF WHITE BLOOD CELLS
 GS CELLS (BIOLOGY)
 . BLOOD CELLS
 . . LEUKOCYTES
 . . . EOSINOPHILS
 . . . LYMPHOCYTES
 RT BIOCOMPATIBILITY
 BONE MARROW
 ERYTHROCYTES
 IMMUNE SYSTEMS

LEUKOPENIA
 GS SIGNS AND SYMPTOMS
 . LEUKOPENIA
 RT INFECTIOUS DISEASES

∞LEVEL
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CHEMICAL ENERGY
 FREE ENERGY
 HEIGHT
 INTERNAL ENERGY
 LEVEL (HORIZONTAL)
 LEVEL (QUANTITY)

LEVEL (HORIZONTAL)
 GS LEVEL (HORIZONTAL)
 . LIQUID LEVELS
 RT ∞GRADE
 GRADIENTS
 ∞LEVEL

LEVEL (HORIZONTAL)--(cont.)
SLOPES**LEVEL (QUANTITY)**

- GS
 . LEVEL (QUANTITY)
 . EFFECTIVE PERCEIVED NOISE LEVELS
 . ENERGY LEVELS
 . . . ATOMIC ENERGY LEVELS
 . . . ELECTRON STATES
 . . . GROUND STATE
 . . . MOLECULAR ENERGY LEVELS
 . . . INTERMOLECULAR FORCES
 . . . ROTATIONAL STATES
 . . . VIBRATIONAL STATES
- RT
 . AMPLITUDES
 . DISPLACEMENT
- ∞ FLUX
 . FLUX (RATE)
 . FLUX DENSITY
- ∞ INTENSITY
- ∞ LEVEL
 . LOUDNESS
 . MAGNITUDE
 . VALUE

LEVELING

- SN (EXCLUDES METAL WORKING)
- RT
 . ADJUSTING
 . CONSISTENCY
 . DATUM (ELEVATION)
 . FLATTENING
 . METAL WORKING
- ∞ ROLLING
 . SMOOTHING
 . WINDING

LEVERS

- RT
 . CANTILEVER MEMBERS
 . HANDLES
 . KNOBS
- ∞ MACHINERY
 . MANUAL CONTROL
 . MECHANICAL DEVICES
 . PEDALS

LEVITATION

- GS
 . LEVITATION
 . . ACOUSTIC LEVITATION
- RT
 . BUOYANCY
 . ELECTROSTATIC GYROSCOPES
 . FLOTATION
 . FRICTIONLESS ENVIRONMENTS
 . LEVITATION MELTING
 . MAGNETIC BEARINGS
 . MAGNETIC LEVITATION VEHICLES
 . SUSPENSION SYSTEMS (VEHICLES)
 . VACUUM MELTING

LEVITATION MELTING

- GS
 . PHASE TRANSFORMATIONS
 . . MELTING
- RT
 . . LEVITATION MELTING
 . ELECTRIC CURRENT
 . EXTERNAL SURFACE CURRENTS
 . LEVITATION
 . LIQUID METALS
 . LOW GRAVITY MANUFACTURING
 . MAGNETIC SUSPENSION
- ∞ METALLURGY
 . OHMIC DISSIPATION
 . RESISTANCE HEATING
 . SPACE MANUFACTURING
 . SPACE PROCESSING

LEWIS BASE

- RT
 . AMINES
 . ELECTRONS

LEWIS NUMBERS

- GS
 . RATIOS
 . DIMENSIONLESS NUMBERS
- RT
 . . LEWIS NUMBERS
 . DENSITY (MASS/VOLUME)
 . DIFFUSION COEFFICIENT
 . FLUID FLOW
 . HEAT TRANSFER
 . MASS FLOW
 . MASS TRANSFER
 . SPECIFIC HEAT
 . THERMAL CONDUCTIVITY

LEXAN (TRADEMARK)

- GS
 . CARBON COMPOUNDS
 . CARBONATES
 . . POLYCARBONATES

LEXAN (TRADEMARK)--(cont.)

- . . . LEXAN (TRADEMARK)
 . ESTERS
 . . POLYCARBONATES
 . . LEXAN (TRADEMARK)
- RT ∞ POLYMERS
 . RESINS

LFO

- USE LANDSAT FOLLOW-ON MISSIONS

LIABILITIES

- GS
 . LAW (JURISPRUDENCE)
 . . PUBLIC LAW
 . . LIABILITIES
 . . . LEGAL LIABILITY
- RT
 . AIR LAW
 . COMMERCE
 . DISCIPLINING
 . LOSSES
 . PENALTIES
 . REGULATIONS

LIAPUNOV FUNCTIONS

- UF LYAPUNOV FUNCTIONS
- GS
 . ANALYSIS (MATHEMATICS)
 . . REAL VARIABLES
 . . LIAPUNOV FUNCTIONS
 . FUNCTIONS (MATHEMATICS)
 . LIAPUNOV FUNCTIONS
- RT
 . DIFFERENTIAL EQUATIONS

LIBERIA

- GS
 . NATIONS
 . LIBERIA
- RT
 . AFRICA

LIBRARIES

- RT
 . BIBLIOGRAPHIES
 . CATALOGS (PUBLICATIONS)
 . DATA RETRIEVAL
 . DOCUMENTATION
 . DOCUMENTS
 . INFORMATION DISSEMINATION
 . INFORMATION RETRIEVAL
 . INFORMATION SYSTEMS
 . INTEGRATED LIBRARY SYSTEMS
 . INTERSERVICE DATA EXCHANGE
 . PROGRAM
 . LITERATURE
 . MUSEUMS
- ∞ REFERENCE SYSTEMS
 . SELECTIVE DISSEMINATION OF
 . INFORMATION
 . TEXTBOOKS
 . WORLD DATA CENTERS

LIBRATION

- RT
 . EARTH LIMB
 . LISSAJOUS FIGURES
 . LUNAR FAR SIDE
 . LUNAR LIMB
- ∞ MOTION
 . NUTATION
 . ORBITAL RESONANCES (CELESTIAL
 . MECHANICS)
 . PRECESSION
 . ROTATION

LIBRATIONAL MOTION

- RT
 . LAGRANGE COORDINATES
- ∞ MOTION
 . NUTATION
 . ORBITAL RESONANCES (CELESTIAL
 . MECHANICS)

LIBYA

- UF LYBIA
- GS
 . NATIONS
 . LIBYA
- RT
 . AFRICA

LIBYAN DESERT

- GS
 . LAND
 . . DESERTS
 . . LIBYAN DESERT
- RT
 . AFRICA

LICENSING

- RT
 . COPYRIGHTS
 . PATENT APPLICATIONS
 . POLICIES
 . REGULATIONS

LICHENS

- GS
 . PLANTS (BOTANY)
 . LICHENS
- RT
 . ALGAE
 . FUNGI
 . LACUNAS
 . SYMBIOSIS

LIDAR

- USE OPTICAL RADAR

LIE GROUPS

- GS
 . ALGEBRA
 . . LIE GROUPS
 . . . SPINOR GROUPS
 . GEOMETRY
 . DIFFERENTIAL GEOMETRY
 . . LIE GROUPS
 . . . SPINOR GROUPS
- RT
 . GROUP THEORY
 . SUPERGRAVITY
 . SUPERSYMMETRY

LIECHTENSTEIN

- GS
 . NATIONS
 . LIECHTENSTEIN
- RT
 . EUROPE

LIENARD POTENTIAL

- GS
 . POTENTIAL ENERGY
 . ELECTRIC POTENTIAL
 . . LIENARD POTENTIAL
- RT
 . ELECTRIC CURRENT
 . ELECTRIC FIELDS

LIES

- RT
 . GALVANIC SKIN RESPONSE
 . MENTAL PERFORMANCE

LIF (FLUORESCENCE)

- USE LASER INDUCED FLUORESCENCE

LIFE (BIOLOGY)

- USE LIFE SCIENCES

LIFE (DURABILITY)

- UF LIFETIME (DURABILITY)
- GS
 . LIFE (DURABILITY)
 . . CARRIER LIFETIME
 . . FATIGUE LIFE
 . . HALF LIFE
 . . PLASMA LIFETIME
 . . SATELLITE LIFETIME
 . . SERVICE LIFE
 . . STORAGE STABILITY
- RT
 . ACCELERATED LIFE TESTS
 . AIRCRAFT SURVIVABILITY
 . DEPLETION
 . DEPRECIATION
 . DURABILITY
 . FAILURE ANALYSIS
 . LONG TERM EFFECTS
- ∞ LONGEVITY
 . MILLS RATIO
 . MTBF
- ∞ RESISTANCE
 . RETIREMENT FOR CAUSE
 . VULNERABILITY

LIFE CYCLE COSTS

- GS
 . COSTS
 . . LIFE CYCLE COSTS
- RT
 . COST ANALYSIS
 . COST EFFECTIVENESS
 . DESIGN TO COST
 . FINANCIAL MANAGEMENT
 . MANAGEMENT PLANNING
 . PRODUCTION COSTS
 . SYSTEMS ENGINEERING
 . VALUE ENGINEERING

LIFE DETECTORS

- RT
 . BIOSATELLITES
- ∞ DETECTORS
 . EXTRATERRESTRIAL LIFE

LIFE RAFTS

- GS
 . RAFTS
 . . LIFE RAFTS
- RT
 . FLOATS
 . INFLATABLE STRUCTURES
 . LIFEBOATS

LIFE SCIENCES

UF LIFE (BIOLOGY)
 GS **LIFE SCIENCES**
 . EXTRATERRESTRIAL LIFE
 . MOLECULAR BIOLOGY
 RT ABIOTIC GENESIS
 AGING (BIOLOGY)
 BIOLOGICAL EVOLUTION
 ∞ BIOLOGY
 . CHEMICAL EVOLUTION
 ENVIRONMENTAL ENGINEERING
 NEUROLOGY
 ∞ PHYSICAL SCIENCES
 PSYCHOPHARMACOLOGY
 ∞ SCIENCE

LIFE SPAN
 SN (LIMITED TO THE LIFE SCIENCES)
 RT AGE FACTOR
 AGING (BIOLOGY)
 DEATH
 EXISTENCE
 GERONTOLOGY
 ∞ LONGEVITY
 MORTALITY
 ∞ SPAN

LIFE SUPPORT SYSTEMS
 GS SUPPORT SYSTEMS
 . **LIFE SUPPORT SYSTEMS**
 . . BIOPAKS
 . . CLOSED ECOLOGICAL SYSTEMS
 . . EMERGENCY LIFE SUSTAINING SYSTEMS
 AEPS
 PORTABLE LIFE SUPPORT SYSTEMS
 AEPS
 IMLSS
 RT AEROSPACE ENVIRONMENTS
 AIR CONDITIONING
 ARTIFICIAL GRAVITY
 ASTRONAUT LOCOMOTION
 ∞ ATMOSPHERES
 BIOSATELLITES
 BREATHING APPARATUS
 CHLORELLA
 ENVIRONMENTAL ENGINEERING
 ENVIRONMENTS
 EXOBIOLOGY
 EXTRAVEHICULAR MOBILITY UNITS
 HUMAN FACTORS ENGINEERING
 LONG TERM EFFECTS
 LUNAR ENVIRONMENT
 LUNAR LOGISTICS
 LUNAR SHELTERS
 MANNED MANEUVERING UNITS
 ∞ NUTRIENTS
 ONBOARD EQUIPMENT
 OXYGEN MASKS
 OXYGEN SUPPLY EQUIPMENT
 PLANETARY ENVIRONMENTS
 PRESSURE SUITS
 PRESSURIZED CABINS
 PROVISIONING
 REBREATHING
 SPACE FLIGHT FEEDING
 SPACE HABITATS
 SPACECRAFT ENVIRONMENTS
 SURVIVAL
 ∞ SUSTAINING
 ∞ SYSTEMS
 THERMAL ENVIRONMENTS
 UNDERWATER BREATHING APPARATUS
 VAPOR BARRIER CLOTHING
 VENTILATION
 WATER
 WEIGHTLESSNESS

LIFEBOATS

GS SURFACE VEHICLES
 . BOATS
 . **LIFEBOATS**
 WATER VEHICLES
 . BOATS
 . **LIFEBOATS**
 RT LIFE RAFTS
 RAFTS
 SURVIVAL EQUIPMENT

LIFETIME (DURABILITY)

USE LIFE (DURABILITY)

LIFT

UF AERODYNAMIC LIFT
 LIFT COEFFICIENTS
 LIFT DISTRIBUTION
 LIFT FORCES
 VARIABLE LIFT
 GS AERODYNAMIC CHARACTERISTICS
 . **LIFT**
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 AERODYNAMIC FORCES
 . **LIFT**
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 DYNAMIC CHARACTERISTICS
 . **LIFT**
 . . INTERFERENCE LIFT
 . . JET LIFT
 . . ROTOR LIFT
 . . ZERO LIFT
 RT AERODYNAMIC COEFFICIENTS
 AERODYNAMIC CONFIGURATIONS
 AERODYNAMIC DRAG
 AERODYNAMICS
 AIRFOILS
 ANGLE OF ATTACK
 ASPECT RATIO
 CAMBER
 DISTRIBUTION (PROPERTY)
 DRAG
 EXTERNALLY BLOWN FLAPS
 GLIDING
 GROUND EFFECT (AERODYNAMICS)
 HYPERSONIC FORCES
 LEADING EDGE THRUST
 PRESSURE DISTRIBUTION
 SWEEP EFFECT
 UNDER SURFACE BLOWING
 UPPER SURFACE BLOWING

LIFT AUGMENTATION

RT BOUNDARY LAYER CONTROL
 CIRCULATION CONTROL AIRFOILS
 DOWNWASH
 PERIPHERAL JET FLOW
 SPANWISE BLOWING
 STOVL AIRCRAFT
 UPPER SURFACE BLOWN FLAPS
 VORTEX FLAPS

LIFT COEFFICIENTS

USE AERODYNAMIC COEFFICIENTS
 LIFT

LIFT DEVICES

UF LIFTING SURFACES
 RT BOUNDARY LAYER CONTROL
 ∞ DEVICES
 DIRECT LIFT CONTROLS
 DRAG DEVICES
 EXTERNALLY BLOWN FLAPS
 FLAPS (CONTROL SURFACES)
 MAGNETIC LEVITATION VEHICLES
 SLOTS
 UPPER SURFACE BLOWN FLAPS

LIFT DISTRIBUTION

USE FORCE DISTRIBUTION
 LIFT

LIFT DRAG RATIO

UF DRAG BALANCE
 GS RATIOS
 . **LIFT DRAG RATIO**
 RT AERODYNAMIC BALANCE
 AERODYNAMIC COEFFICIENTS
 AERODYNAMIC DRAG
 AERODYNAMIC STALLING
 BOUNDARY LAYER SEPARATION
 DRAG REDUCTION
 FORCE DISTRIBUTION
 PRESSURE RATIO

LIFT FANS

UF FANLIFT DEVICES
 DUCTED FANS
 RT FAN IN WING AIRCRAFT
 LIFTING ROTORS
 PROPELLER FANS
 ROTARY WINGS
 SHORT TAKEOFF AIRCRAFT

LIFT FANS--(cont.)

TURBOFANS
 VERTICAL TAKEOFF AIRCRAFT
 XV-11A AIRCRAFT

LIFT FORCES

USE LIFT

LIFTING BODIES

UF LIFTING SURFACES
 GS **LIFTING BODIES**
 . LIFTING REENTRY VEHICLES
 . . FDL-5 REENTRY VEHICLE
 . . HL-10 REENTRY VEHICLE
 . . HLD-35 REENTRY VEHICLE
 . . JANUS SPACECRAFT
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 . . X-20 AIRCRAFT
 . . X-24 AIRCRAFT
 . . M-2F3 LIFTING BODY
 RT AERODYNAMIC CONFIGURATIONS
 AIRFOILS
 BLUFF BODIES
 ∞ BODIES
 ∞ DEVICES
 LUNAR FLYING VEHICLES
 REENTRY VEHICLES
 TOWED BODIES
 WAVERIDERS

LIFTING REENTRY VEHICLES

UF REENTRY GLIDERS
 SPACE GLIDERS
 GS **LIFTING BODIES**
 . **LIFTING REENTRY VEHICLES**
 . . FDL-5 REENTRY VEHICLE
 . . HL-10 REENTRY VEHICLE
 . . HLD-35 REENTRY VEHICLE
 . . JANUS SPACECRAFT
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 . . X-20 AIRCRAFT
 . . X-24 AIRCRAFT
 REENTRY VEHICLES
 . MANEUVERABLE REENTRY BODIES
 . **LIFTING REENTRY VEHICLES**
 . . FDL-5 REENTRY VEHICLE
 . . HL-10 REENTRY VEHICLE
 . . HLD-35 REENTRY VEHICLE
 . . JANUS SPACECRAFT
 . . M-2 LIFTING BODY
 . . . M-2F2 LIFTING BODY
 . . X-20 AIRCRAFT
 . . X-24 AIRCRAFT
 RT AEROSPACE PLANES
 ∞ AIRCRAFT
 ASSET GLIDERS
 ASTRO VEHICLE
 BOOSTGLIDE VEHICLES
 GLIDERS
 HYPERSONIC GLIDERS
 MANNED REENTRY
 MANNED SPACECRAFT
 RECOVERABLE SPACECRAFT
 REENTRY
 SPACECRAFT REENTRY

LIFTING ROTORS

GS AIRFOILS
 . WINGS
 . . ROTARY WINGS
 . . **LIFTING ROTORS**
 . . . BEARINGLESS ROTORS
 ROTATING BODIES
 . ROTORS
 . . ROTARY WINGS
 . . **LIFTING ROTORS**
 . . . BEARINGLESS ROTORS
 RT GROUND EFFECT MACHINES
 LIFT FANS
 ROTARY WING AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT

LIFTING SURFACES

USE LIFT DEVICES
 LIFTING BODIES
 SURFACES

LIFTOFF (LAUNCHING)

GS LAUNCHING
 . ROCKET LAUNCHING
 . **LIFTOFF (LAUNCHING)**
 . SPACECRAFT LAUNCHING

LIFTOFF (LAUNCHING)--(cont.)

RT **LIFTOFF (LAUNCHING)**
 BOOSTER ROCKET ENGINES
 COUNTDOWN
 LAUNCHING PADS
 ROCKET FIRING
 ROCKET THRUST

∞ LIFTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CONVEYORS
 CRANES
 ELEVATORS (LIFTS)
 ESCALATORS
 JACKS (LIFTS)
 WINCHES

LIGAMENTS

RT CONNECTIVE TISSUE
 JOINTS (ANATOMY)

LIGANDS

RT CHEMICAL BONDS
 CHEMICAL COMPOSITION

LIGHT (VISIBLE RADIATION)

UF OPTICAL SPECTRUM
 VISIBLE RADIATION
 GS ELECTROMAGNETIC RADIATION
 . **LIGHT (VISIBLE RADIATION)**
 . . COHERENT LIGHT
 . . GEGENSCHNEIDUNG
 . . POLARIZED LIGHT
 . . SKY RADIATION
 . . . AIRGLOW
 GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 . . . DAYGLOW
 . . SUNLIGHT
 . . ZODIACAL LIGHT
 RT ATMOSPHERIC RADIATION

ATTENUATION
 BEAMS (RADIATION)
 BLACK BODY RADIATION
 BRIGHTNESS
 CERENKOV RADIATION
 COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT RADIATION
 COLOR
 CRITICAL FREQUENCIES
 DARKNESS
 DICHROISM
 ELECTROMAGNETIC SPECTRA
 ENERGY ABSORPTION
 EXCITONS
 EXTRATERRESTRIAL RADIATION

∞ FLASH

GEOMETRICAL OPTICS

GLARE

ILLUMINANCE

INCANDESCENCE

INFRARED RADIATION

LIGHT CURVE

LIGHTING EQUIPMENT

LINE SPECTRA

LUMENS

LUMINAIRES

LUMINANCE

LUMINESCENCE

LUMINOSITY

LUMINOUS INTENSITY

MONOCHROMATIC RADIATION

NEAR INFRARED RADIATION

NEAR ULTRAVIOLET RADIATION

OPACITY

OPTICAL DEPOLARIZATION

OPTICAL EMISSION SPECTROSCOPY

OPTICAL MEASUREMENT

OPTICAL PROPERTIES

∞ OPTICS

PHOTICS

PHOTOMETRY

PHOTONS

PHOTONUCLEAR REACTIONS

PHOTOPHILIC PLANTS

PHOTOPHORESIS

PHOTOSENSITIVITY

PLANETARY RADIATION

POLARIZED ELECTROMAGNETIC

RADIATION

POLARIZERS

LIGHT (VISIBLE RADIATION)--(cont.)

∞ RADIATION
 RAMAN SPECTRA
 REFLECTION
 REFRACTION
 REFRACTIVITY
 SHADOWS
 SKY BRIGHTNESS
 SOLAR RADIATION
 THERMAL RADIATION
 TRANSMITTANCE
 ULTRAVIOLET SPECTRA
 VISIBILITY
 VISIBLE SPECTRUM

LIGHT ABSORPTION

USE ELECTROMAGNETIC ABSORPTION

LIGHT ADAPTATION

GS ADAPTATION
 . RETINAL ADAPTATION
 . . **LIGHT ADAPTATION**
 . . . SENSITIVITY
 PHOTOSENSITIVITY
 **LIGHT ADAPTATION**
 RT FLASH BLINDNESS
 NIGHT VISION
 PUPILLOMETRY
 THRESHOLDS (PERCEPTION)
 VISION

LIGHT AIRBORNE MULTIPURPOSE SYSTEM

UF LAMPS PROGRAM
 GS NAVIGATION AIDS
 . **LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM**
 . ONBOARD EQUIPMENT
 . AIRBORNE EQUIPMENT
 . . **LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM**
 RT AIRCRAFT EQUIPMENT
 FLIGHT INSTRUMENTS
 NAVIGATION INSTRUMENTS
 ∞ SYSTEMS

LIGHT AIRCRAFT

GS **LIGHT AIRCRAFT**
 . BEECH 99 AIRCRAFT
 . . BEECHCRAFT 18 AIRCRAFT
 . . C-33 AIRCRAFT
 . . C-35 AIRCRAFT
 . CESSNA L-19 AIRCRAFT
 . CESSNA 172 AIRCRAFT
 . CESSNA 205 AIRCRAFT
 . CESSNA 210 AIRCRAFT
 . CESSNA 402B AIRCRAFT
 . DH 125 AIRCRAFT
 . DO-27 AIRCRAFT
 . DO-28 AIRCRAFT
 . F-28 HELICOPTER
 . FIREBEE 2 TARGET DRONE AIRCRAFT
 . G-1 AIRCRAFT
 . G-91 AIRCRAFT
 . LIGHT HELICOPTERS
 . . OH-4 HELICOPTER
 . . OH-5 HELICOPTER
 . . OH-6 HELICOPTER
 . . OH-58 HELICOPTER
 . LIGHT INTRATHEATER TRANSPORT
 . MH-262 AIRCRAFT
 . MYSTERE 20 AIRCRAFT
 . OH-13 HELICOPTER
 . OH-23 HELICOPTER
 . P-166 AIRCRAFT
 . PD-808 AIRCRAFT
 . PIPER AIRCRAFT
 . . PA-34 SENECA AIRCRAFT
 . SAAB 105 AIRCRAFT
 . SC-7 AIRCRAFT
 . U-10 AIRCRAFT
 . VZ-8 AIRCRAFT
 . YAK 40 AIRCRAFT
 RT AGRICULTURAL AIRCRAFT
 ∞ AIRCRAFT
 BIPLANES
 DRONE AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 ∞ LOW WING AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 OBSERVATION AIRCRAFT
 PASSENGER AIRCRAFT
 PILOTLESS AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 SUBMERSIBLE AIRCRAFT

LIGHT AIRCRAFT--(cont.)

∞ SUBSONIC AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPOART AIRCRAFT
 ULTRALIGHT AIRCRAFT
 UTILITY AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

LIGHT ALLOYS

GS ALLOYS
 . **LIGHT ALLOYS**
 . . ALUMINUM ALLOYS
 . . . ALUMINUM-LITHIUM ALLOYS
 . . BERYLLIUM ALLOYS
 . . MAGNESIUM ALLOYS
 RT ∞ METALLURGY
 METALS

LIGHT AMPLIFIERS

UF OPTICAL AMPLIFIERS
 GS AMPLIFIERS
 . **LIGHT AMPLIFIERS**
 RT FOUR-WAVE MIXING
 HCN LASERS
 IMAGE CONVERTERS
 IMAGE ENHANCEMENT
 IMAGE INTENSIFIERS
 LALLEMAND CAMERAS
 LASER CAVITIES
 LASER MICROSCOPY
 LASERS
 MICROCHANNELS
 ∞ OPTICS
 PHOTOCATHODES
 ULTRASHORT PULSED LASERS
 ULTRAVIOLET LASERS

LIGHT ARMED RECONNAISSANCE AIRCRAFT

USE COIN AIRCRAFT

LIGHT BEAMS

UF LIGHT PROBES
 GS BEAMS (RADIATION)
 . **LIGHT BEAMS**
 . . LASER BEAMS
 . ELECTROMAGNETIC RADIATION
 . **LIGHT BEAMS**
 . . LASER BEAMS
 RT BRAGG CELLS
 FOUR-WAVE MIXING
 OPTICAL WAVEGUIDES
 PHOTON BEAMS
 RARE GAS-HALIDE LASERS

LIGHT BULBS

USE LUMINAIRES

LIGHT COMMUNICATION

USE OPTICAL COMMUNICATION

LIGHT CURVE

RT ∞ CURVES
 LIGHT (VISIBLE RADIATION)
 STELLAR RADIATION

LIGHT DURATION

USE FLASH
 PULSE DURATION

LIGHT ELEMENTS

GS CHEMICAL ELEMENTS
 . **LIGHT ELEMENTS**
 RT ∞ ELEMENTS
 LOW DENSITY MATERIALS

LIGHT EMISSION

UF OPTICAL EMISSION
 GS EMISSION
 . **LIGHT EMISSION**
 . . INCANDESCENCE
 . . LUMINESCENCE
 . . . BIOLUMINESCENCE
 . . . CATHODE GLOW
 . . . CATHODOLUMINESCENCE
 . . . CHEMILUMINESCENCE
 . . . ELECTROLUMINESCENCE
 . . . FLUORESCENCE
 LASER INDUCED FLUORESCENCE
 PHOSPHORESCENCE
 RESONANCE FLUORESCENCE
 X RAY FLUORESCENCE
 . . LUNAR LUMINESCENCE

LIGHT EMISSION--(cont.)

... OPTICAL RESONANCE
... PHOTOLUMINESCENCE
... TRIBOLUMINESCENCE
... X RAY FLUORESCENCE
... SHOCK WAVE LUMINESCENCE
... SONOLUMINESCENCE
... SPACECRAFT GLOW
... THERMOLUMINESCENCE
RT AIRGLOW
AURORAL ABSORPTION
AURORAL IONIZATION
AURORAL SPECTROSCOPY
AURORAS
DIFFRACTION RADIATION
DIMMING
ELECTROMAGNETIC RADIATION
LINEAR POLARIZATION
∞ OPTICS
SELF SUSTAINED EMISSION
SKY BRIGHTNESS
SPECTRAL EMISSION
STIMULATED EMISSION
WHITE HOLES (ASTRONOMY)

LIGHT EMITTING DIODES

UF LED (DIODES)
GS ELECTRONIC EQUIPMENT
DIODES
... SEMICONDUCTOR DIODES
... **LIGHT EMITTING DIODES**
... SOLID STATE DEVICES
... SEMICONDUCTOR DEVICES
... **LIGHT EMITTING DIODES**
RT AIRCRAFT INSTRUMENTS
ALPHANUMERIC CHARACTERS
DISPLAY DEVICES
ELECTROLUMINESCENCE
LUMINESCENCE
PHOTONICS
SURFACE EMITTING LASERS

LIGHT GAS GUNS

GS GAS GUNS
... **LIGHT GAS GUNS**
RT HYPERVELOCITY PROJECTILES

LIGHT HELICOPTERS

GS LIGHT AIRCRAFT
... **LIGHT HELICOPTERS**
... OH-4 HELICOPTER
... OH-5 HELICOPTER
... OH-6 HELICOPTER
... OH-58 HELICOPTER
V/STOL AIRCRAFT
... ROTARY WING AIRCRAFT
... HELICOPTERS
... **LIGHT HELICOPTERS**
... OH-4 HELICOPTER
... OH-5 HELICOPTER
... OH-6 HELICOPTER
... OH-58 HELICOPTER
RT ∞ AIRCRAFT
MILITARY HELICOPTERS
OBSERVATION AIRCRAFT

LIGHT INTENSITY

USE LUMINOUS INTENSITY

LIGHT INTRATHEATER TRANSPORT

GS LIGHT AIRCRAFT
... **LIGHT INTRATHEATER TRANSPORT**
TRANSPORT AIRCRAFT
... **LIGHT INTRATHEATER TRANSPORT**
RT ∞ AIRCRAFT
COIN AIRCRAFT

LIGHT IONS

GS IONS
... **LIGHT IONS**
RT CHEMICAL ELEMENTS
HEAVY IONS
PLASMAS (PHYSICS)

LIGHT MODULATION

UF OPTICAL MASER MODULATION
OPTICAL MODULATION
GS MODULATION
... **LIGHT MODULATION**
... MIROS SYSTEM
... ULTRASONIC LIGHT MODULATION
RT AMPLITUDE MODULATION
BRAGG CELLS
ELECTRO-OPTICAL EFFECT
FREQUENCY MODULATION

LIGHT MODULATION--(cont.)

KERR ELECTROOPTICAL EFFECT
LASERS
LIGHT VALVES
MODULATORS
OPTICAL HETERODYNING
OPTICAL RESONATORS
OPTICAL SWITCHING
∞ OPTICS
PULSE MODULATION
TRAVELING WAVE MODULATION
TUNABLE LASERS

LIGHT PRESSURE

USE ILLUMINATION

LIGHT PROBES

USE LIGHT BEAMS

LIGHT SCATTERING

GS SCATTERING
... WAVE SCATTERING
... ELECTROMAGNETIC SCATTERING
... **LIGHT SCATTERING**
... HALOS
TRANSMISSION
... ELECTROMAGNETIC WAVE
TRANSMISSION
... LIGHT TRANSMISSION
... **LIGHT SCATTERING**
... HALOS
... WAVE PROPAGATION
... **LIGHT SCATTERING**
... HALOS
RT AFTERGLOWS
ATMOSPHERIC SCATTERING
BIDIRECTIONAL REFLECTANCE
BRILLOUIN EFFECT
CIRCUMSOLAR RADIATION
DIFFUSE RADIATION
ELECTROMAGNETIC ABSORPTION
FORWARD SCATTERING
GRAVITATIONAL LENSES
INFRARED ABSORPTION
RAYLEIGH SCATTERING
REFLECTION NEBULAE
SCATTER PLATES (OPTICS)
SPECKLE PATTERNS
TRANSMISSIVITY
TROPOSPHERIC SCATTERING
UMKEHR EFFECT

LIGHT SCATTERING METERS

GS MEASURING INSTRUMENTS
... OPTICAL MEASURING INSTRUMENTS
... **LIGHT SCATTERING METERS**
OPTICAL EQUIPMENT
... OPTICAL MEASURING INSTRUMENTS
... **LIGHT SCATTERING METERS**
RT METEOROLOGICAL INSTRUMENTS

LIGHT SOURCES

GS **LIGHT SOURCES**
... ILLUMINATORS
RT ARC LAMPS
CATHODOLUMINESCENCE
DAYGLOW
DUOCHROMATORS
ELECTRIC ARCS
ELECTROLUMINESCENCE
FLASH LAMPS
GLOW DISCHARGES
HCN LASERS
HEAT SOURCES
ILLUMINATING
LASERS
LIGHTING EQUIPMENT
LUMINAIRES
MERCURY LAMPS
MONOCHROMATORS
MOON
PLASMA DISPLAY DEVICES
POINT SOURCES
RADIATION SOURCES
SUN

LIGHT SPEED

GS RATES (PER TIME)
... **LIGHT SPEED**
VELOCITY
... **LIGHT SPEED**
RT HIGH SPEED
RELATIVISTIC VELOCITY
SCHWARZSCHILD METRIC

LIGHT TRANSMISSION

UF OPTICAL ABSORPTION
GS TRANSMISSION
... ELECTROMAGNETIC WAVE
TRANSMISSION
... **LIGHT TRANSMISSION**
... LIGHT SCATTERING
... HALOS
RT ABSORPTANCE
ATMOSPHERIC OPTICS
ATMOSPHERIC REFRACTION
FERMAT PRINCIPLE
FIBER OPTICS
FLICKER
GAMMA RAY LASERS
GEOMETRICAL OPTICS
HAZE
ILLUMINATING
∞ ILLUMINATION
INTEGRATED OPTICS
LASERS
LOW VISIBILITY
MOLECULAR ABSORPTION
OPACITY
OPTICAL BISTABILITY
OPTICAL COUPLING
OPTICAL PROPERTIES
OPTICAL REFLECTION
OPTICAL WAVEGUIDES
RAINBOWS
SAGNAC EFFECT
SQUEEZED STATES (QUANTUM THEORY)
STIMULATED EMISSION DEVICES
TRANSLUCENCE
TRANSPARENCE
TURBIDITY
ULTRAVIOLET LASERS
VISIBILITY
WAVE DISPERSION
WAVE PROPAGATION

LIGHT TRANSPORT AIRCRAFT

GS COMMERCIAL AIRCRAFT
... **LIGHT TRANSPORT AIRCRAFT**
TRANSPORT AIRCRAFT
... **LIGHT TRANSPORT AIRCRAFT**
RT ∞ AIRCRAFT
MULTIENGINE VEHICLES
PASSENGER AIRCRAFT

LIGHT VALVES

RT ELECTRO-OPTICS
LIGHT MODULATION
LIQUID CRYSTALS
OPTICAL DATA PROCESSING

LIGHT WATER

UF PROTIUM
GS HYDROGEN COMPOUNDS
... **LIGHT WATER**
WATER
... **LIGHT WATER**

LIGHT WATER BREEDER REACTORS

GS NUCLEAR REACTORS
... BREEDER REACTORS
... **LIGHT WATER BREEDER REACTORS**
RT HEAVY WATER REACTORS

LIGHT WATER REACTORS

GS NUCLEAR REACTORS
... LIQUID COOLED REACTORS
... WATER COOLED REACTORS
... **LIGHT WATER REACTORS**
RT WATER MODERATED REACTORS

LIGHT-CONE EXPANSION

RT FIELD THEORY (PHYSICS)
MINKOWSKI SPACE
QUANTUM MECHANICS
RELATIVITY
SPACE-TIME FUNCTIONS

LIGHTHILL GAS MODEL

GS MODELS
... **LIGHTHILL GAS MODEL**
BOUNDARY LAYER FLOW
GAS MIXTURES
GAS TRANSPORT
HYPERSONIC FLOW
MOLECULAR THEORY
TRANSPORT PROPERTIES

LIGHTHILL METHOD

RT AIRFOIL PROFILES

LIGHTHILL METHOD--(cont.)

AIRFOILS
CONFORMAL MAPPING
FLOW THEORY
INTEGRAL TRANSFORMATIONS
∞ METHODOLOGY

LIGHTING

USE ILLUMINATING

LIGHTING EQUIPMENT

GS **LIGHTING EQUIPMENT**
ILLUMINATORS
LUMINAIRES
AIRCRAFT LIGHTS
AIRPORT LIGHTS
RUNWAY LIGHTS
ARC LAMPS
FLASH LAMPS
ALKALI VAPOR LAMPS
MERCURY LAMPS
QUARTZ LAMPS
SEARCHLIGHTS
XENON LAMPS
RT ∞ ELECTRIC EQUIPMENT
EQUIPMENT
FLARES
ILLUMINATING
LIGHT (VISIBLE RADIATION)
LIGHT SOURCES
ONBOARD EQUIPMENT
WASTE ENERGY UTILIZATION

LIGHTNING

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
LIGHTNING
BALL LIGHTNING
RT ∞ ARRESTERS
ATMOSPHERIC ELECTRICITY
ELECTRIC ARCS
ELECTRIC SPARKS
ELECTRICITY
ELECTRODELESS DISCHARGES
GAS DISCHARGES
LIGHTNING SUPPRESSION
NITROGENATION
RADIATIVE RECOMBINATION
STATIC ELECTRICITY
THUNDERSTORMS
WHISTLERS

LIGHTNING SUPPRESSION

GS WEATHER MODIFICATION
LIGHTNING SUPPRESSION
RT ATMOSPHERIC ELECTRICITY
CLIMATOLOGY
ELECTRIC DISCHARGES
LIGHTNING
THUNDERSTORMS

LIGHTS

USE LUMINAIRES

LIGNIN

RT CELLULOSE
∞ POLYMERS

LIGNITE

GS RESOURCES
EARTH RESOURCES
FOSSIL FUELS
COAL
LIGNITE
ROCKS
SEDIMENTARY ROCKS
CARBONACEOUS ROCKS
COAL
LIGNITE
RT ASHES
BITUMENS
CARBONACEOUS MATERIALS
COAL GASIFICATION
COAL LIQUEFACTION
COAL UTILIZATION
COKE
ENERGY CONVERSION
ENERGY POLICY
ENERGY TECHNOLOGY
GASEOUS FUELS
HYDROCARBON FUEL PRODUCTION
HYDROGEN PRODUCTION
HYDROLYSIS
SYNTHANE

LIKELIHOOD RATIO

GS STATISTICAL ANALYSIS
LIKELIHOOD RATIO
RT ESTIMATES
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
PROBABILITY THEORY
STATISTICAL TESTS

LIMB BRIGHTENING

RT 8 STARS
BRIGHTNESS
BRIGHTNESS TEMPERATURE
∞ LIMBS
SOLAR FLUX
SOLAR FLUX DENSITY
SOLAR GRANULATION
SOLAR LIMB
STELLAR ATMOSPHERES
STELLAR LUMINOSITY

LIMB DARKENING

GS DARKENING
LIMB DARKENING
RT 8 STARS
BINARY STARS
∞ LIMBS
SOLAR LIMB
STELLAR ATMOSPHERES
STELLAR LUMINOSITY

∞ LIMBS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT EARTH LIMB
LIMB BRIGHTENING
LIMB DARKENING
LIMBS (ANATOMY)
LUNAR LIMB
PLANETARY LIMB
SOLAR LIMB

LIMBS (ANATOMY)

GS ANATOMY
LIMBS (ANATOMY)
ARM (ANATOMY)
ELBOW (ANATOMY)
FOREARM
HAND (ANATOMY)
FINGERS
LEG (ANATOMY)
FEET (ANATOMY)
KNEE (ANATOMY)
RT APPENDAGES
HUMAN BODY
∞ LIMBS

LIME

USE CALCIUM OXIDES

LIMEN

RT PSYCHOLOGICAL TESTS
THRESHOLDS (PERCEPTION)

LIMESTONE

GS ROCKS
SEDIMENTARY ROCKS
LIMESTONE
RT AGGREGATES
CALCIUM CARBONATES
DOLOMITE (MINERAL)
EARTH RESOURCES
FLUXES
MINERALS
SCHIST
SOILS

LIMITATIONS

USE CONSTRAINTS

LIMITER AMPLIFIERS

GS AMPLIFIERS
LIMITER AMPLIFIERS

LIMITER CIRCUITS

GS CIRCUITS
LIMITER CIRCUITS
CLIPPER CIRCUITS
RT CIRCULATORS (PHASE SHIFT CIRCUITS)
CLAMPING CIRCUITS
CURRENT REGULATORS
POWER LIMITERS

LIMITERS (FUSION REACTORS)

RT BLANKETS (FUSION REACTORS)
CONTROLLED FUSION
FUSION REACTORS
MODERATION (ENERGY ABSORPTION)
MODERATORS
PLASMA CONTROL
PLASMA LOSS
REACTOR DESIGN
REACTOR MATERIALS
TOKAMAK DEVICES
TOROIDAL PLASMAS
WALLS

∞ LIMITS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT IGNITION LIMITS
LIMITS (MATHEMATICS)
RANGE (EXTREMES)

LIMITS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
CALCULUS
LIMITS (MATHEMATICS)
REAL VARIABLES
EXTREMUM VALUES
LIMITS (MATHEMATICS)
RT DIFFERENTIAL CALCULUS
ENVELOPES
∞ LIMITS

LIMNOLOGY

RT AQUIFERS
ARROYOS
EARTH HYDROSPHERE
FRESH WATER
GEOCHEMISTRY
GEOPHYSICS
GROUND WATER
HYDRAULICS
HYDROGRAPHY
HYDROLOGY
LAKE TEXOMA (OK-TX)
LAKES
MARINE BIOLOGY
MARINE CHEMISTRY
PONDS
POTABLE WATER
RAIN
STREAMS
WATER
WATER MANAGEMENT
WATER POLLUTION
WATER RESOURCES
WELLS

LIMONITE

GS IRON COMPOUNDS
LIMONITE
MINERALS
LIMONITE

LINCOLN EXPERIMENTAL SATELLITES

UF LES (SATELLITES)
GS ARTIFICIAL SATELLITES
LINCOLN EXPERIMENTAL SATELLITES

LINE CURRENT

GS ELECTRIC CURRENT
LINE CURRENT
RT ELECTRIC POWER SUPPLIES
ELECTRODYNAMICS
MAGNETOHYDRODYNAMIC FLOW
PLASMA CURRENTS
∞ POWER SUPPLIES

LINE OF SIGHT

RT AREA
COORDINATES
∞ DIRECTION
LOCI
TARGETS

LINE OF SIGHT COMMUNICATION

GS TELECOMMUNICATION
COMMUNICATION
LINE OF SIGHT COMMUNICATION
RT BORESIGHT ERROR
FREQUENCY MODULATION
SPACE COMMUNICATION
TELEVISION TRANSMISSION

LINE SHAPE

GS SHAPES
 . **LINE SHAPE**
 RT CURVES (GEOMETRY)
 INFLECTION POINTS
 ∞ PROFILES

LINE SPECTRA

UF SPECTRAL LINES
 GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . **LINE SPECTRA**
 BALMER SERIES
 D LINES
 ELECTRONIC SPECTRA
 FRAUNHOFER LINES
 H LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 K LINES
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES
 TELLURIC LINES
 RT ABSORPTION SPECTRA
 ATOMIC ENERGY LEVELS
 BOHR THEORY
 EMISSION SPECTRA
 FINE STRUCTURE
 FLAME SPECTROSCOPY
 FREQUENCIES
 HYPERFINE STRUCTURE
 INFRARED SPECTRA
 LIGHT (VISIBLE RADIATION)
 ∞ LINES
 MOLECULAR SPECTROSCOPY
 OSCILLATOR STRENGTHS
 PRESSURE BROADENING
 RAMAN SPECTRA
 RAMAN SPECTROSCOPY
 RESONANCE LINES
 ROTATIONAL SPECTRA
 SEYFERT GALAXIES
 SOLAR SPECTRA
 SPECTRAL BANDS
 SPECTRAL EMISSION
 SPECTRAL ENERGY DISTRIBUTION
 SPECTRAL LINE WIDTH
 SPECTRAL RESOLUTION
 SPECTROGRAMS
 SPECTRUM ANALYSIS
 STARK EFFECT
 STELLAR SPECTRA
 ULTRAVIOLET SPECTRA
 VISIBLE SPECTRUM

LINEAMENT

USE STRUCTURAL PROPERTIES (GEOLOGY)

LINEAR AC ALTERNATORS

USE LINEAR ALTERNATORS

LINEAR ACCELERATORS

GS PARTICLE ACCELERATORS
 . **LINEAR ACCELERATORS**
 RT ∞ ACCELERATORS
 ELECTRON ACCELERATORS
 ION SOURCES
 MULTIPACTOR DISCHARGES
 NEUTRON SOURCES

LINEAR ALTERNATORS

UF LINEAR AC ALTERNATORS
 GS ELECTRIC GENERATORS
 . AC GENERATORS
 . . **LINEAR ALTERNATORS**
 RT FREE-PISTON ENGINES
 ∞ GENERATORS
 STIRLING ENGINES

LINEAR AMPLIFIERS

GS AMPLIFIERS
 . **LINEAR AMPLIFIERS**

LINEAR ARRAYS

GS ARRAYS
 . ANTENNA ARRAYS
 . . **LINEAR ARRAYS**
 . . . ENDFIRE ARRAYS
 YAGI ANTENNAS
 RT DIPOLE ANTENNAS
 FOCAL PLANE DEVICES
 LASER ARRAYS

LINEAR ARRAYS--(cont.)

MULTIPLE BEAM INTERVAL SCANNERS
 PHASED ARRAYS
 PUSHBROOM SENSOR MODES

LINEAR CIRCUITS

GS CIRCUITS
 . **LINEAR CIRCUITS**
 RT AMPLIFIERS
 DISTRIBUTED PARAMETER SYSTEMS
 ELECTRICAL RESISTANCE
 SUPERPOSITION (MATHEMATICS)
 TRANSCONDUCTANCE
 VOLT-AMPERE CHARACTERISTICS

LINEAR ENERGY TRANSFER (LET)

GS ENERGY TRANSFER
 . **LINEAR ENERGY TRANSFER (LET)**
 RT IONIZING RADIATION

LINEAR EQUATIONS

GS ALGEBRA
 . **LINEAR EQUATIONS**
 . . LINEAR EVOLUTION EQUATIONS
 . . . RICCATI EQUATION
 . . . ANALYSIS (MATHEMATICS)
 . . . REAL VARIABLES
 . . . **LINEAR EQUATIONS**
 LINEAR EVOLUTION EQUATIONS
 RICCATI EQUATION
 RT DETERMINANTS
 DIFFERENTIAL EQUATIONS
 ∞ EQUATIONS
 FLOQUET THEOREM
 GAUSSIAN ELIMINATION
 LINEAR OPERATORS
 MATRICES (MATHEMATICS)
 OPERATIONAL CALCULUS
 POLYNOMIALS

LINEAR EVOLUTION EQUATIONS

GS ALGEBRA
 . LINEAR EQUATIONS
 . . **LINEAR EVOLUTION EQUATIONS**
 . . . ANALYSIS (MATHEMATICS)
 . . . REAL VARIABLES
 LINEAR EQUATIONS
 **LINEAR EVOLUTION EQUATIONS**
 RT DIFFERENCE EQUATIONS
 ∞ EQUATIONS

LINEAR FILTERS

GS **LINEAR FILTERS**
 . KALMAN FILTERS
 . REDUCED ORDER FILTERS
 RT ADAPTIVE FILTERS
 ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ∞ FILTERS
 ∞ FREQUENCY RESPONSE
 NONLINEAR FILTERS

LINEAR INTEGRATED CIRCUITS

GS CIRCUITS
 . INTEGRATED CIRCUITS
 . . **LINEAR INTEGRATED CIRCUITS**
 RT ELECTRONIC PACKAGING
 LARGE SCALE INTEGRATION
 MICROMINIATURIZATION
 MOLECULAR ELECTRONICS
 OPERATIONAL AMPLIFIERS
 TRANSISTOR CIRCUITS

LINEAR OPERATORS

GS OPERATORS (MATHEMATICS)
 . **LINEAR OPERATORS**
 RT LINEAR EQUATIONS
 LINEAR SYSTEMS
 LINEAR TRANSFORMATIONS

LINEAR POLARIZATION

GS POLARIZATION (WAVES)
 . **LINEAR POLARIZATION**
 RT LIGHT EMISSION
 MICROWAVE EMISSION
 OPTICAL POLARIZATION
 ∞ POLARIZATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 POLARIZED RADIATION
 RADIO ASTRONOMY

LINEAR PREDICTION

GS PREDICTIONS

LINEAR PREDICTION--(cont.)

RT **LINEAR PREDICTION**
 COMPUTATION
 DIFFERENTIAL PULSE CODE
 MODULATION
 MATHEMATICAL MODELS
 OPERATIONS RESEARCH
 QUALITY CONTROL
 STATISTICAL ANALYSIS

LINEAR PROGRAMMING

GS OPTIMIZATION
 . MATHEMATICAL PROGRAMMING
 . . **LINEAR PROGRAMMING**
 RESEARCH
 . **LINEAR PROGRAMMING**
 RT ∞ APPLICATIONS OF MATHEMATICS
 COMPUTER PROGRAMMING
 CONSTRAINTS
 DYNAMIC PROGRAMMING
 FORMALISM
 GAME THEORY
 MATRICES (MATHEMATICS)
 NONLINEAR PROGRAMMING
 NUMERICAL ANALYSIS
 OPERATIONS RESEARCH
 ∞ PROGRAMMING
 SIMPLEX METHOD

LINEAR QUADRATIC GAUSSIAN CONTROL

UF LQG CONTROL
 GS AUTOMATIC CONTROL
 . OPTIMAL CONTROL
 . . LINEAR QUADRATIC REGULATOR
 . . . **LINEAR QUADRATIC GAUSSIAN CONTROL**
 OPTIMIZATION
 . OPTIMAL CONTROL
 . . LINEAR QUADRATIC REGULATOR
 . . . **LINEAR QUADRATIC GAUSSIAN CONTROL**
 RT ∞ CONTROL
 CONTROL SYSTEMS DESIGN
 CONTROL THEORY
 FEEDBACK CONTROL
 H-INFINITY CONTROL
 KALMAN FILTERS

LINEAR QUADRATIC REGULATOR

UF LINEAR REGULATOR
 LQR
 GS AUTOMATIC CONTROL
 . OPTIMAL CONTROL
 . . **LINEAR QUADRATIC REGULATOR**
 . . . LINEAR QUADRATIC GAUSSIAN
 CONTROL
 OPTIMIZATION
 . OPTIMAL CONTROL
 . . **LINEAR QUADRATIC REGULATOR**
 . . . LINEAR QUADRATIC GAUSSIAN
 CONTROL
 RT ∞ CONTROL
 CONTROL SYSTEMS DESIGN
 CONTROL THEORY
 CONTROLLERS
 FEEDBACK CONTROL
 KALMAN FILTERS

LINEAR RECEIVERS

GS RECEIVERS
 . **LINEAR RECEIVERS**
 RT ∞ FREQUENCY RESPONSE
 NYQUIST FREQUENCIES

LINEAR REGULATOR

USE LINEAR QUADRATIC REGULATOR

LINEAR SYSTEMS

RT DISTRIBUTED PARAMETER SYSTEMS
 LINEAR OPERATORS
 NONLINEAR SYSTEMS
 ROBUSTNESS (MATHEMATICS)
 STATE ESTIMATION
 ∞ SYSTEMS
 TRACKING PROBLEM

LINEAR TRANSFORMATIONS

GS ALGEBRA
 . **LINEAR TRANSFORMATIONS**
 FUNCTIONS (MATHEMATICS)
 . **LINEAR TRANSFORMATIONS**
 TRANSFORMATIONS (MATHEMATICS)
 . **LINEAR TRANSFORMATIONS**
 RT FOURIER ANALYSIS
 JORDAN FORM

LINEAR TRANSFORMATIONS--(cont.)

LINEAR OPERATORS
 MATRICES (MATHEMATICS)
 ORTHOGONAL FUNCTIONS
 SCHWARTZ INEQUALITY
 VECTOR SPACES

LINEAR VIBRATION

GS VIBRATION
 . STRUCTURAL VIBRATION
 . . **LINEAR VIBRATION**
 RT FREE VIBRATION
 MISSILE VIBRATION
 RANDOM VIBRATION
 VIBRATION MODE

LINEARITY

GS **LINEARITY**
 . COLLINEARITY
 RT ACCURACY
 CONSISTENCY
 DIFFERENTIAL EQUATIONS
 DYNAMIC CHARACTERISTICS
 ERRORS
 FUNCTIONS (MATHEMATICS)
 INSTRUMENT ERRORS
 LINEARIZATION
 NONLINEARITY
 TOLERANCES (MECHANICS)
 VARIABILITY

LINEARIZATION

RT BERNOULLI THEOREM
 ∞ EQUATIONS
 GALERKIN METHOD
 LINEARITY
 SIMPLIFICATION

LINEN

GS FABRICS
 . **LINEN**
 FIBERS
 . **LINEN**
 TEXTILES
 . **LINEN**
 RT ORGANIC MATERIALS

LINERS

USE LININGS

∞ LINES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DELAY LINES
 LINE SPECTRA
 LINES OF FORCE
 PIPELINES
 TERMINATOR LINES
 TETHERLINES
 TRANSMISSION LINES
 UNDERGROUND TRANSMISSION LINES

LINES (GEOMETRY)

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . **LINES (GEOMETRY)**
 . . . CHORDS (GEOMETRY)
 . . . GEODESIC LINES
 RT RADII
 RECIPROCAL THEOREMS
 SEGMENTS

LINES OF FORCE

RT BARIUM ION CLOUDS
 CONJUGATE POINTS
 FIELD ALIGNED CURRENTS
 FLUX PINNING
 FLUX TRANSFER EVENTS
 ∞ FORCE
 ∞ LINES
 MAGNETIC CIRCUITS
 MAGNETIC DOMAINS
 MAGNETIC FIELDS
 MAGNETIC FLUX
 MAGNETIC MIRRORS
 MAGNETIC PROPERTIES
 MAGNETOSTATIC FIELDS
 NONUNIFORM MAGNETIC FIELDS
 POLAR CUSPS

LING-TEMCO-VOUGHT AIRCRAFT

UF LTV AIRCRAFT
 GS **LING-TEMCO-VOUGHT AIRCRAFT**

LING-TEMCO-VOUGHT AIRCRAFT--(cont.)

. A-7 AIRCRAFT
 . F-8 AIRCRAFT
 . XC-142 AIRCRAFT
 RT ∞ AIRCRAFT

LINGUISTICS

GS **LINGUISTICS**
 . MACHINE TRANSLATION
 . PHONEMES
 . PHONEMICS
 . PSYCHOLINGUISTICS
 . SEMANTICS
 . SYNTAX
 . . SENTENCES
 . . . WORDS (LANGUAGE)
 SYLLABLES
 RT LANGUAGES
 NATURAL LANGUAGE PROCESSING
 ORTHOGRAPHY
 PREDICATE LOGIC
 SPEECH

LINING PROCESSES

RT COATING
 COATINGS
 INSULATION
 LININGS
 SEALING
 TUNNELING (EXCAVATION)

LININGS

UF LINERS
 GS **LININGS**
 . ROCKET LININGS
 RT BUSHINGS
 ∞ CASING
 COATINGS
 INSERTS
 INSULATION
 JACKETS
 LINING PROCESSES
 SHEATHS
 SHIELDING
 ∞ TUBES

LINKAGES

RT CAMS
 CONNECTORS
 COUPLING
 COUPLINGS
 ECCENTRICS
 FASTENERS
 FITTINGS
 JOINTS (JUNCTIONS)
 LATCHES
 ∞ LINKS
 MECHANICAL DEVICES
 UNIONS (CONNECTORS)
 YOKES

LINKING

USE JOINING

∞ LINKS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CHAINS
 LINKAGES
 LINKS (MATHEMATICS)

LINKS (MATHEMATICS)

GS GEOMETRY
 . TOPOLOGY
 . . **LINKS (MATHEMATICS)**
 RT ∞ LINKS

LIOUVILLE EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **LIOUVILLE EQUATIONS**
 RT ∞ EQUATIONS
 PLASMA PHYSICS
 PLASMAS (PHYSICS)
 STATISTICAL MECHANICS

LIOUVILLE THEOREM

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . **LIOUVILLE THEOREM**
 THEOREMS

LIOUVILLE THEOREM--(cont.)

. **LIOUVILLE THEOREM**

LIP READING

GS COMMUNICATING
 . **LIP READING**
 READING
 . **LIP READING**

LIPID METABOLISM

GS METABOLISM
 . PROTEIN METABOLISM
 . . **LIPID METABOLISM**
 RT ∞ NUTRIENTS
 OILS

LIPIDS

GS ORGANIC COMPOUNDS
 . **LIPIDS**
 . . CALCIFEROL
 . . CASTOR OIL
 . . FATS
 . . LIPOPROTEINS
 . . PHYLLQUINONE
 . . RETINENE
 . . STEROIDS
 . . . CHOLESTEROL
 . . . CORTICOSTEROIDS
 ALDOSTERONE
 HYDROXYCORTICOSTEROID
 CORTISONE
 ESTROGENS
 PROSTAGLANDINS
 TOCOPHEROL
 RT AMINO ACIDS
 ESTERS
 GLYCEROLS
 MYELIN
 ∞ NUTRIENTS

LIPIDIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **LIPIDIC ACID**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **LIPIDIC ACID**

LIPOPROTEINS

GS BIOPOLYMERS
 . PROTEINS
 . . **LIPOPROTEINS**
 ORGANIC COMPOUNDS
 . LIPIDS
 . . **LIPOPROTEINS**
 . . PROTEINS
 . . **LIPOPROTEINS**

LIPS (ANATOMY)

GS ANATOMY
 . FACE (ANATOMY)
 . . MOUTH
 . . . **LIPS (ANATOMY)**
 RT HEAD (ANATOMY)

LIPSCHITZ CONDITION

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **LIPSCHITZ CONDITION**
 CONDITIONS
 . **LIPSCHITZ CONDITION**
 RT DIFFERENTIAL EQUATIONS

LIQUEFACTION

GS PHASE TRANSFORMATIONS
 . **LIQUEFACTION**
 . . COAL LIQUEFACTION
 RT ∞ CONDENSATION
 ∞ CONVERSION
 JET CONDENSERS
 MELTING
 NONCONDENSABLE GASES
 THIXOTROPY

LIQUEFIED GASES

GS GASES
 . **LIQUEFIED GASES**
 . . LIQUEFIED NATURAL GAS
 . . LIQUID AIR
 . . LIQUID AMMONIA
 . . LIQUID FLUORINE
 . . LIQUID HELIUM

LIQUEFIED GASES--(cont.)

... LIQUID HELIUM 2
 ... LIQUID HYDROGEN
 ... LIQUID NEON
 ... LIQUID NITROGEN
 ... LIQUID OXYGEN
 LIQUIDS
 . LIQUEFIED GASES
 . LIQUEFIED NATURAL GAS
 . LIQUID AIR
 . LIQUID AMMONIA
 . LIQUID FLUORINE
 . LIQUID HELIUM
 . LIQUID HELIUM 2
 . LIQUID HYDROGEN
 . LIQUID NEON
 . LIQUID NITROGEN
 . LIQUID OXYGEN
 RT CONDENSATES
 CONDENSERS (LIQUEFIERS)
 CRYOGENIC ROCKET PROPELLANTS
 CRYOGENICS
 GAS MIXTURES
 LIQUID ROCKET PROPELLANTS
 SOLID CRYOGEN COOLING

LIQUEFIED NATURAL GAS

UF LNG
 GS FUELS
 . CHEMICAL FUELS
 . HYDROCARBON FUELS
 . LIQUEFIED NATURAL GAS
 GASES
 . FLAMMABLE GASES
 . LIQUEFIED NATURAL GAS
 . LIQUEFIED GASES
 . LIQUEFIED NATURAL GAS
 LIQUIDS
 . LIQUEFIED GASES
 . LIQUEFIED NATURAL GAS
 ORGANIC COMPOUNDS
 . HYDROCARBONS
 . LIQUEFIED NATURAL GAS
 RT METHANE
 NATURAL GAS

LIQUID AIR

GS GASES
 . GAS MIXTURES
 . AIR
 . LIQUID AIR
 . LIQUEFIED GASES
 . LIQUID AIR
 LIQUIDS
 . LIQUEFIED GASES
 . LIQUID AIR
 MIXTURES
 . SOLUTIONS
 . GAS MIXTURES
 . AIR
 . LIQUID AIR

LIQUID AIR CYCLE ENGINES

UF LACE (ENGINE)
 GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . LIQUID AIR CYCLE ENGINES
 RT AEROSPACE PLANES
 HYDROGEN OXYGEN ENGINES
 SUSTAINER ROCKET ENGINES
 TURBOROCKET ENGINES

LIQUID ALLOYS

GS ALLOYS
 . LIQUID ALLOYS
 RT METALS

LIQUID AMMONIA

GS GASES
 . AMMONIA
 . LIQUID AMMONIA
 . LIQUEFIED GASES
 . LIQUID AMMONIA
 INORGANIC COMPOUNDS
 . AMMONIA
 . LIQUID AMMONIA
 LIQUIDS
 . LIQUEFIED GASES
 . LIQUID AMMONIA
 NITROGEN COMPOUNDS
 . AMMONIA
 . LIQUID AMMONIA
 RT FUELS

LIQUID AMMONIA--(cont.)

LIQUID FUELS

LIQUID ATOMIZATION

GS ATOMIZING
 . LIQUID ATOMIZATION
 RT GAS ATOMIZATION
 SPRAYING

LIQUID BEARINGS

GS BEARINGS
 . LIQUID BEARINGS
 RT LUBRICATION

LIQUID BREATHING

GS RESPIRATION
 . LIQUID BREATHING
 RT ACCLIMATIZATION
 PRESSURE BREATHING
 RESUSCITATION

LIQUID BRIDGES

RT BRIDGES
 . CAPILLARY FLOW
 . CONTAINERLESS MELTS
 . INTERFACIAL TENSION
 . LIQUID-SOLID INTERFACES
 . LOW GRAVITY MANUFACTURING
 . MARANGONI CONVECTION
 . SPACE MANUFACTURING
 . SPACE PROCESSING

LIQUID CHROMATOGRAPHY

UF GEL PERMEATION CHROMATOGRAPHY
 GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . CHROMATOGRAPHY
 . LIQUID CHROMATOGRAPHY
 RT COLORIMETRY
 PAPER CHROMATOGRAPHY
 SORPTION

LIQUID COOLED REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . LIQUID METAL COOLED REACTORS
 . ADVANCED SODIUM COOLED
 REACTOR
 . EXPERIMENTAL BREEDER REACTOR
 1
 . EXPERIMENTAL BREEDER REACTOR
 2
 . LITHIUM COOLED REACTOR
 EXPERIMENT
 . LOS ALAMOS MOLTEN PLUTONIUM
 REACTOR
 . MILITARY COMPACT REACTORS
 . SODIUM GRAPHITE REACTORS
 . SODIUM REACTOR EXPERIMENT
 . ORGANIC COOLED REACTORS
 . EXPERIMENTAL ORGANIC COOLED
 REACTORS
 . WATER COOLED REACTORS
 . BOILING WATER REACTORS
 . EXPERIMENTAL BOILING WATER
 REACTORS
 . HALDEN BOILING WATER
 REACTOR
 . LOS ALAMOS WATER BOILER
 REACTOR
 . PATHFINDER NUCLEAR REACTOR
 . SPERT REACTORS
 . HEAVY WATER REACTORS
 . HEAVY WATER COMPONENTS
 TEST REACTORS
 . PLUTONIUM RECYCLE TEST
 REACTOR
 . ZERO POWER REACTOR 2
 . LIGHT WATER REACTORS
 . NRX REACTORS
 . PLUM BROOK REACTOR
 . PRESSURIZED WATER REACTORS
 . SPECTRAL SHIFT CONTROL
 REACTOR
 . SWIMMING POOL REACTORS
 . ZERO POWER REACTORS
 . ZERO POWER REACTOR 2
 . ZERO POWER REACTOR 3
 . ZERO POWER REACTOR 6
 . ZERO POWER REACTOR 9
 RT SODIUM COOLING

LIQUID COOLING

SN (COOLING WITH LIQUIDS)
 UF WATER COOLING

LIQUID COOLING--(cont.)

GS COOLING
 . LIQUID COOLING
 . FILM COOLING
 RT AIR COOLING
 COOLANTS
 COOLING SYSTEMS
 SODIUM COOLING
 SPACE COOLING (BUILDINGS)
 SWEAT COOLING
 THERMAL POLLUTION
 WATER IMMERSION

LIQUID CRYSTALS

GS CRYSTALS
 . LIQUID CRYSTALS
 RT ANISOTROPIC FLUIDS
 CHOLESTEROL
 LIGHT VALVES

LIQUID DROPS

USE DROPS (LIQUIDS)

LIQUID FILLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . FLUID FILLED SHELLS
 . LIQUID FILLED SHELLS
 RT HYDRODYNAMIC RAM EFFECT
 PROPELLANT TANKS
 REINFORCED SHELLS
 SHELL STABILITY
 . STORAGE
 TANKS (CONTAINERS)
 . VESSELS

LIQUID FLOW

GS FLUID FLOW
 . LIQUID FLOW
 . OPEN CHANNEL FLOW
 . WATER FLOW
 RT CRITICAL FLOW
 GAS FLOW
 HEAD (FLUID MECHANICS)
 HEAD FLOW
 HYDRODYNAMIC COEFFICIENTS
 LAMINAR FLOW
 MASS FLOW
 MULTIPHASE FLOW
 NONNEWTONIAN FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 PRESSURE HEADS
 RHEOLOGY
 SINGLE-PHASE FLOW
 SOROT COEFFICIENT
 STEADY FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 TWO PHASE FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

LIQUID FLUORINE

GS GASES
 . LIQUEFIED GASES
 . LIQUID FLUORINE
 LIQUIDS
 . LIQUEFIED GASES
 . LIQUID FLUORINE

LIQUID FUELS

GS FUELS
 . CHEMICAL FUELS
 . LIQUID FUELS
 . AIRCRAFT FUELS
 . ANTIMISTING FUELS
 . AUTOMOBILE FUELS
 . DIESEL FUELS
 . GASOLINE
 . HYDROGEN FUELS
 . JET ENGINE FUELS
 . JP-4 JET FUEL
 . JP-5 JET FUEL
 . JP-6 JET FUEL
 . JP-8 JET FUEL
 . KEROSENE
 RT FUEL PRODUCTION
 GASEOUS FUELS
 LIQUID AMMONIA
 LIQUID HYDROGEN
 LIQUID ROCKET PROPELLANTS
 LIQUIDS
 SYNTHETIC FUELS

LIQUID HELIUM

UF HELIUM 2
 GS CHEMICAL ELEMENTS
 . RARE GASES
 . . HELIUM
 . . . **LIQUID HELIUM**
 LIQUID HELIUM 2
 GASES
 . LIQUEFIED GASES
 . . **LIQUID HELIUM**
 . . . LIQUID HELIUM 2
 . RARE GASES
 . . HELIUM
 . . . **LIQUID HELIUM**
 LIQUID HELIUM 2
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . **LIQUID HELIUM**
 . . . LIQUID HELIUM 2
 . LIQUEFIED GASES
 . . **LIQUID HELIUM**
 . . . LIQUID HELIUM 2
 RT CRYOSTATS
 SUPERFLUIDITY
 TWO FLUID MODELS

LIQUID HELIUM 2

GS CHEMICAL ELEMENTS
 . RARE GASES
 . . HELIUM
 . . . LIQUID HELIUM
 **LIQUID HELIUM 2**
 GASES
 . LIQUEFIED GASES
 . . LIQUID HELIUM
 . . . **LIQUID HELIUM 2**
 . RARE GASES
 . . HELIUM
 . . . LIQUID HELIUM
 **LIQUID HELIUM 2**
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . LIQUID HELIUM
 . . . **LIQUID HELIUM 2**
 . LIQUEFIED GASES
 . . LIQUID HELIUM
 . . . **LIQUID HELIUM 2**
 RT CRYOSTATS
 SUPERFLUIDITY

LIQUID HYDROGEN

GS CHEMICAL ELEMENTS
 . HYDROGEN
 . . **LIQUID HYDROGEN**
 GASES
 . HYDROGEN
 . . **LIQUID HYDROGEN**
 . LIQUEFIED GASES
 . . **LIQUID HYDROGEN**
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . **LIQUID HYDROGEN**
 . LIQUEFIED GASES
 . . **LIQUID HYDROGEN**
 RT CRYOGENIC ROCKET PROPELLANTS
 FUELS
 HYDROGEN FUELS
 HYDROGEN-BASED ENERGY
 LIQUID FUELS
 SLUSH HYDROGEN
 TOPPING CYCLE ENGINES

LIQUID INJECTION

GS INJECTION
 . FLUID INJECTION
 . . **LIQUID INJECTION**
 . . . DEEP WELL INJECTION (WASTES)
 . . . WATER INJECTION
 RT FILM COOLING
 FUEL INJECTION
 FUEL SPRAYS
 MIXING
 PROPELLANT SPRAYS
 THRUST VECTOR CONTROL

LIQUID LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **LIQUID LASERS**
 RT CARBON LASERS
 CHEMICAL LASERS
 DYE LASERS
 INFRARED LASERS
 ORGANIC LASERS

LIQUID LEVELS

GS LEVEL (HORIZONTAL)
 . **LIQUID LEVELS**
 RT FLUID BOUNDARIES

LIQUID LITHIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . . LITHIUM
 . . . **LIQUID LITHIUM**
 LIQUIDS
 . LIQUID METALS
 . . **LIQUID LITHIUM**
 METALS
 . ALKALI METALS
 . . LITHIUM
 . . . **LIQUID LITHIUM**
 . LIQUID METALS
 . . **LIQUID LITHIUM**

LIQUID MERCURY

USE MERCURY (METAL)

LIQUID METAL COOLED REACTORS

UF LMCOR (REACTORS)
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . **LIQUID METAL COOLED REACTORS**
 . . . ADVANCED SODIUM COOLED
 REACTOR
 . . . EXPERIMENTAL BREEDER REACTOR
 1
 . . . EXPERIMENTAL BREEDER REACTOR
 2
 . . . LITHIUM COOLED REACTOR
 EXPERIMENT
 . . . LOS ALAMOS MOLTEN PLUTONIUM
 REACTOR
 . . . MILITARY COMPACT REACTORS
 . . . SODIUM GRAPHITE REACTORS
 . . . SODIUM REACTOR EXPERIMENT
 RT ENRICO FERMI ATOMIC POWER PLANT
 SODIUM

LIQUID METAL FAST BREEDER REACTORS

UF LMFBR
 GS NUCLEAR REACTORS
 . BREEDER REACTORS
 . . **LIQUID METAL FAST BREEDER
 REACTORS**
 . FAST NUCLEAR REACTORS
 . . **LIQUID METAL FAST BREEDER
 REACTORS**
 RT NUCLEAR POWER REACTORS

LIQUID METALS

GS LIQUIDS
 . **LIQUID METALS**
 . . LIQUID LITHIUM
 . . LIQUID POTASSIUM
 . . LIQUID SODIUM
 . . MERCURY (METAL)
 . . . MERCURY VAPOR
 METALS
 . **LIQUID METALS**
 . . LIQUID LITHIUM
 . . LIQUID POTASSIUM
 . . LIQUID SODIUM
 . . MERCURY (METAL)
 . . . MERCURY VAPOR
 RT CASTING
 LEVITATION MELTING
 LUBRICANTS
 MELTING
 METAL VAPORS
 SQUEEZE CASTING

LIQUID NEON

GS CHEMICAL ELEMENTS
 . RARE GASES
 . . NEON
 . . . **LIQUID NEON**
 GASES
 . LIQUEFIED GASES
 . . **LIQUID NEON**
 . RARE GASES
 . . NEON
 . . . **LIQUID NEON**
 LIQUIDS
 . LIQUEFIED GASES
 . . **LIQUID NEON**

LIQUID NITROGEN

GS CHEMICAL ELEMENTS
 . NITROGEN

LIQUID NITROGEN--(cont.)

. . **LIQUID NITROGEN**
 GASES
 . LIQUEFIED GASES
 . . **LIQUID NITROGEN**
 . NITROGEN
 . . **LIQUID NITROGEN**
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . **LIQUID NITROGEN**
 . LIQUEFIED GASES
 . . **LIQUID NITROGEN**
 RT HIGH TEMPERATURE
 SUPERCONDUCTORS
 SOLID CRYOGENS

LIQUID OXIDIZERS

GS LIQUIDS
 . **LIQUID OXIDIZERS**
 OXIDIZERS
 . **LIQUID OXIDIZERS**
 RT ROCKET OXIDIZERS

LIQUID OXYGEN

UF LOX (OXYGEN)
 GS CHEMICAL ELEMENTS
 . OXYGEN
 . . **LIQUID OXYGEN**
 GASES
 . LIQUEFIED GASES
 . . **LIQUID OXYGEN**
 . OXYGEN
 . . **LIQUID OXYGEN**
 LIQUIDS
 . CRYOGENIC FLUIDS
 . . **LIQUID OXYGEN**
 . LIQUEFIED GASES
 . . **LIQUID OXYGEN**
 OXIDIZERS
 . **LIQUID OXYGEN**
 RT CRYOGENIC ROCKET PROPELLANTS
 FLOX
 OXYGEN-HYDROCARBON ROCKET
 ENGINES
 ROCKET OXIDIZERS

**LIQUID OXYGEN HYDROCARBON ROCKET
ENGINES**

USE OXYGEN-HYDROCARBON ROCKET
 ENGINES

LIQUID PHASE EPITAXY

GS GROWTH
 . CRYSTAL GROWTH
 . . EPITAXY
 . . . **LIQUID PHASE EPITAXY**
 RT CRYSTAL STRUCTURE
 LIQUID PHASES
 VAPOR PHASE EPITAXY

LIQUID PHASE SINTERING

GS SINTERING
 . **LIQUID PHASE SINTERING**
 RT CONSOLIDATION
 METAL POWDER
 POWDER METALLURGY

LIQUID PHASES

RT ALLOYS
 CRITICAL PRESSURE
 ELECTROEPITAXY
 EUTECTICS
 LIQUID PHASE EPITAXY
 LIQUIDS
 LIQUIDUS
 MELTING POINTS
 PHASE DIAGRAMS
 PHASE SEPARATION (MATERIALS)
 PHASES
 SOLID PHASES
 SOLID SOLUTIONS
 SOLIDUS
 SOLUBILITY
 SUPERCRITICAL PRESSURES
 SYNTACTIC ALLOYS
 TRANSITION TEMPERATURE
 VAPOR PHASE EPITAXY
 VAPOR PHASES

LIQUID PLUS SOLID ZONES

USE MUSHY ZONES

LIQUID POTASSIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS

LIQUID POTASSIUM--(cont.)

POTASSIUM
 . . . LIQUID POTASSIUM
 LIQUIDS
 . . . LIQUID METALS
 . . . LIQUID POTASSIUM
 METALS
 . . . ALKALI METALS
 . . . POTASSIUM
 . . . LIQUID POTASSIUM
 . . . LIQUID METALS
 . . . LIQUID POTASSIUM

LIQUID PROPELLANT ROCKET ENGINES

GS ENGINES
 . . . ROCKET ENGINES
 . . . LIQUID PROPELLANT ROCKET ENGINES
 . . . AJ-10 ENGINE
 . . . F-1 ROCKET ENGINE
 . . . H-1 ENGINE
 . . . HYDRAZINE ENGINES
 . . . HYDROGEN OXYGEN ENGINES
 . . . J-2 ENGINE
 . . . M-1 ENGINE
 . . . RL-10-A-1 ENGINE
 . . . RL-10-A-3 ENGINE
 . . . LIQUID AIR CYCLE ENGINES
 . . . LR-62-RM-2 ENGINE
 . . . LR-87-AJ-5 ENGINE
 . . . LR-91-AJ-5 ENGINE
 . . . LR-99 ENGINE
 . . . MA-2 ENGINE
 . . . MA-3 ENGINE
 . . . MA-5 ENGINE
 . . . OXYGEN-HYDROCARBON ROCKET ENGINES
 . . . RL-10 ENGINES
 . . . RL-10-A-1 ENGINE
 . . . RL-10-A-3 ENGINE
 . . . SPACE SHUTTLE MAIN ENGINE
 . . . X-405 ENGINE
 . . . XLR-99 ENGINE
 . . . YLR-91-AJ-1 ENGINE
 RT ABLESTAR LAUNCH VEHICLE
 ATLAS SLV-3 LAUNCH VEHICLE
 BLACK KNIGHT ROCKET VEHICLE
 BLUE STEEL MISSILE
 BLUE STREAK LAUNCH VEHICLE
 BLUE STREAK MISSILE
 BOMARC A MISSILE
 BOMARC B MISSILE
 BOOSTER ROCKET ENGINES
 CENTAUR LAUNCH VEHICLE
 CORPORAL MISSILE
 CORVUS MISSILE
 DIAMANT LAUNCH VEHICLE
 DORNIER PARAGLIDER ROCKET VEHICLE
 DUCTED ROCKET ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 HYLTA-STAR ROCKET VEHICLE
 INTERNAL COMBUSTION ENGINES
 JUNO LAUNCH VEHICLES
 JUNO 1 LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 JUPITER MISSILE
 LANCE MISSILE
 METEOR 1 ROCKET VEHICLE
 NAVAHO MISSILE
 NIKE-AJAX MISSILE
 NOMAD LAUNCH VEHICLE
 NOVA LAUNCH VEHICLES
 PROPELLANT TANKS
 RESTARTABLE ROCKET ENGINES
 RETROROCKET ENGINES
 SATURN S-1 STAGE
 SATURN S-1B STAGE
 SATURN S-1C STAGE
 SATURN S-2 STAGE
 SATURN S-4 STAGE
 SATURN S-4B STAGE
 SATURN STAGES
 SOLID PROPELLANT ROCKET ENGINES
 SPARROW 3 MISSILE
 SUSTAINER ROCKET ENGINES
 TALOS MISSILE
 THOR ABLE ROCKET VEHICLE
 THOR AGENA LAUNCH VEHICLE
 THOR DELTA LAUNCH VEHICLE
 THOR LAUNCH VEHICLES
 THORAD LAUNCH VEHICLES
 TITAN ICBM
 TITAN LAUNCH VEHICLES
 V-1 MISSILE

LIQUID PROPELLANT ROCKET ENGINES--(cont.)

V-2 MISSILE
 VANGUARD 2 LAUNCH VEHICLE
 VEGA LAUNCH VEHICLE
 VERNIER ENGINES
 VERONIQUE ROCKET VEHICLES
 VIKING ROCKET VEHICLE

LIQUID ROCKET PROPELLANTS

UF BIPOPELLANTS
 TRIPROPELLANTS
 GS PROPELLANTS
 . . . ROCKET PROPELLANTS
 . . . LIQUID ROCKET PROPELLANTS
 . . . CRYOGENIC ROCKET PROPELLANTS
 . . . GELLED ROCKET PROPELLANTS
 . . . HYPERGOLIC ROCKET PROPELLANTS
 . . . MONOPROPELLANTS
 . . . AEROZINE
 . . . RP-1 ROCKET PROPELLANTS
 . . . SLURRY PROPELLANTS
 . . . SLUSH HYDROGEN
 RT AIRCRAFT FUELS
 CHLORINE FLUORIDES
 FUEL TANK PRESSURIZATION
 GASEOUS ROCKET PROPELLANTS
 HIGH ENERGY PROPELLANTS
 HYBRID PROPELLANTS
 HYDRAZINES
 HYDROGEN FUELS
 LIQUEFIED GASES
 LIQUID FUELS
 LIQUIDS
 NITROGEN TETROXIDE
 PROPELLANT SPRAYS
 SOLID ROCKET PROPELLANTS
 STORABLE PROPELLANTS

LIQUID ROTATION

USE ROTATING LIQUIDS

LIQUID SLOSHING

UF SLOSHING
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 BAFFLES
 CONTROLLABILITY
 FUEL CONTROL
 FUEL TANKS
 INTERFACE STABILITY
 PROPELLANT TANKS
 PROPELLANT TRANSFER
 ROTATING FLUIDS
 SPACECRAFT STABILITY
 STORAGE STABILITY
 TANK GEOMETRY
 ULLAGE

LIQUID SODIUM

GS CHEMICAL ELEMENTS
 . . . ALKALI METALS
 . . . SODIUM
 . . . LIQUID SODIUM
 LIQUIDS
 . . . LIQUID METALS
 . . . LIQUID SODIUM
 METALS
 . . . ALKALI METALS
 . . . SODIUM
 . . . LIQUID SODIUM
 . . . LIQUID METALS
 . . . LIQUID SODIUM

LIQUID SURFACES

GS LIQUID SURFACES
 . . . MENISCI
 RT FLUID BOUNDARIES
 FREE BOUNDARIES
 INTERFACIAL TENSION
 JET BOUNDARIES
 SOLID SURFACES
 SURFACE WAVES
 ∞ SURFACES

LIQUID WASTES

GS WASTES
 . . . LIQUID WASTES
 . . . URINE
 . . . WASTE WATER
 RT DRAINAGE
 EFFLUENTS
 HUMAN WASTES
 INDUSTRIAL WASTES
 METABOLIC WASTES

LIQUID WASTES--(cont.)

PONDS
 SEWAGE
 SLUDGE
 SOLID WASTES

LIQUID-GAS MIXTURES

GS MIXTURES
 . . . DISPERSIONS
 . . . LIQUID-GAS MIXTURES
 . . . AEROSOLS
 . . . FOG
 RT AIR WATER INTERACTIONS
 BINARY MIXTURES
 GAS MIXTURES
 MENISCI
 SOLUBILITY
 VAPOR PHASES
 VAPOR PRESSURE

LIQUID-LIQUID INTERFACES

GS BOUNDARIES
 . . . FLUID BOUNDARIES
 . . . LIQUID-LIQUID INTERFACES
 INTERFACES
 . . . FLUID BOUNDARIES
 . . . LIQUID-LIQUID INTERFACES
 RT BOUNDARY LAYERS
 FREE BOUNDARIES
 HEAT TRANSFER
 INTERFACE STABILITY
 INTERFACIAL ENERGY
 INTERFACIAL TENSION
 PRESSURE GRADIENTS
 SOLUBILITY

LIQUID-SOLID INTERFACES

GS BOUNDARIES
 . . . FLUID BOUNDARIES
 . . . LIQUID-SOLID INTERFACES
 INTERFACES
 . . . FLUID BOUNDARIES
 . . . LIQUID-SOLID INTERFACES
 RT BOUNDARY LAYERS
 FLUID FILMS
 FLUID-SOLID INTERACTIONS
 ∞ FUSION
 HEAT TRANSFER
 INTERFACE STABILITY
 LIQUID BRIDGES
 MELTING
 MENISCI
 METAL SURFACES
 PHASE CHANGE MATERIALS
 SOLID PHASES
 SOLID-SOLID INTERFACES
 SQUEEZE FILMS

LIQUID-VAPOR EQUILIBRIUM

UF VAPOR LIQUID EQUILIBRIUM
 RT ∞ EQUILIBRIUM
 THERMODYNAMIC EQUILIBRIUM
 VAPORS

LIQUID-VAPOR INTERFACES

GS BOUNDARIES
 . . . FLUID BOUNDARIES
 . . . LIQUID-VAPOR INTERFACES
 INTERFACES
 . . . FLUID BOUNDARIES
 . . . LIQUID-VAPOR INTERFACES
 RT AIR WATER INTERACTIONS
 EVAPORATION
 FREE BOUNDARIES
 HEAT TRANSFER
 INTERFACE STABILITY
 MENISCI
 PRESSURE GRADIENTS
 SOLUBILITY
 VAPOR PHASES
 VAPOR PRESSURE

LIQUIDS

GS LIQUIDS
 . . . CRYOGENIC FLUIDS
 . . . FERMI LIQUIDS
 . . . FLOX
 . . . LIQUID HELIUM
 . . . LIQUID HELIUM 2
 . . . LIQUID HYDROGEN
 . . . LIQUID NITROGEN
 . . . LIQUID OXYGEN
 . . . FERROFLUIDS
 . . . HYDRAULIC FLUIDS
 . . . SKYDROL (TRADEMARK)

LIQUIDS--(cont.)

. JUICES
 . LIQUEFIED GASES
 . LIQUEFIED NATURAL GAS
 . LIQUID AIR
 . LIQUID AMMONIA
 . LIQUID FLUORINE
 . LIQUID HELIUM
 . LIQUID HELIUM 2
 . LIQUID HYDROGEN
 . LIQUID NEON
 . LIQUID NITROGEN
 . LIQUID OXYGEN
 . LIQUID METALS
 . LIQUID LITHIUM
 . LIQUID POTASSIUM
 . LIQUID SODIUM
 . MERCURY (METAL)
 . MERCURY VAPOR
 . LIQUID OXIDIZERS
 . ORGANIC LIQUIDS
 . POTABLE LIQUIDS
 . BEVERAGES
 . WINES
 . POTABLE WATER
 . ROTATING LIQUIDS
 RT ∞ FLUIDS
 . GLOBULES
 . GLYCEROLS
 . LIQUID FUELS
 . LIQUID PHASES
 . LIQUID ROCKET PROPELLANTS
 . NONPOINT SOURCES
 . PHASE DIAGRAMS
 . VAPOR PHASES
 . WATER

LIQUIDUS

RT CRYSTALLIZATION
 . LIQUID PHASES
 . MELTING POINTS
 . PHASE DIAGRAMS
 . SOLID PHASES
 . SOLID SOLUTIONS
 . SOLIDUS

LIRTS (TELESCOPE)

UF LARGE INFRARED TELESCOPE ON
 . SPACELAB
 GS TELESCOPES
 . SPACEBORNE TELESCOPES
 . LIRTS (TELESCOPE)
 RT EUROPEAN SPACE AGENCY
 . PAYLOADS
 . SPACE SHUTTLES
 . SPACELAB

LISP (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . LISP (PROGRAMMING LANGUAGE)
 RT COMPUTER PROGRAMMING
 . RECURSIVE FUNCTIONS

LISSAJOUS FIGURES

RT ECCENTRIC ORBITS
 . EQUATIONS OF MOTION
 . LIBRATION
 . LUNAR ORBITS
 . SATELLITE ORBITS

LISTS

GS LISTS
 . HARDWARE UTILIZATION LISTS
 RT ∞ CATALOGS
 . DISPLAY DEVICES
 . ENUMERATION
 . INDEXES (DOCUMENTATION)
 . PRINTOUTS

LITERATURE

GS LITERATURE
 . BIOGRAPHY
 . DOCUMENTATION
 RT BIBLIOGRAPHIES
 . DOCUMENTS
 . INDEXES (DOCUMENTATION)
 . KNOWLEDGE
 . LIBRARIES
 . PAPERS
 . PHILOSOPHY

LITHERGOL ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES

LITHERGOL ROCKET ENGINES--(cont.)

. HYBRID PROPELLANT ROCKET
 ENGINES
 . LITHERGOL ROCKET ENGINES

LITHERGOLIC PROPELLANTS

USE HYBRID PROPELLANTS

LITHIASIS

GS DISEASES
 . LITHIASIS
 RT CALCULI
 . DENTAL CALCULI

LITHIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . LITHIUM
 . LIQUID LITHIUM
 . LITHIUM ISOTOPES
 METALS
 . ALKALI METALS
 . LITHIUM
 . LIQUID LITHIUM
 . LITHIUM ISOTOPES

LITHIUM ALLOYS

GS ALLOYS
 . LITHIUM ALLOYS
 . ALUMINUM-LITHIUM ALLOYS
 RT AIRCRAFT CONSTRUCTION MATERIALS
 . ALUMINUM ALLOYS
 . COPPER ALLOYS
 . MAGNESIUM ALLOYS
 . ZIRCONIUM ALLOYS

LITHIUM ALUMINUM HYDRIDES

GS ALUMINUM COMPOUNDS
 . LITHIUM ALUMINUM HYDRIDES
 . HYDROGEN COMPOUNDS
 . HYDRIDES
 . METAL HYDRIDES
 . LITHIUM HYDRIDES
 . LITHIUM ALUMINUM HYDRIDES
 . LITHIUM COMPOUNDS
 . LITHIUM HYDRIDES
 . LITHIUM ALUMINUM HYDRIDES
 RT POWDERED ALUMINUM

LITHIUM BORATES

GS BORON COMPOUNDS
 . BORATES
 . LITHIUM BORATES
 . LITHIUM COMPOUNDS
 . LITHIUM BORATES

LITHIUM CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES
 . LITHIUM CHLORIDES
 . HALIDES
 . CHLORIDES
 . LITHIUM CHLORIDES
 . METAL HALIDES
 . LITHIUM CHLORIDES
 . LITHIUM COMPOUNDS
 . LITHIUM CHLORIDES

LITHIUM COMPOUNDS

GS LITHIUM COMPOUNDS
 . LITHIUM BORATES
 . LITHIUM CHLORIDES
 . LITHIUM FLUORIDES
 . LITHIUM HYDRIDES
 . LITHIUM ALUMINUM HYDRIDES
 . LITHIUM HYDROXIDES
 . LITHIUM IODATES
 . LITHIUM NIOBATES
 . LITHIUM OXIDES
 . LITHIUM PERCHLORATES
 . LITHIUM SULFATES
 . ORGANIC LITHIUM COMPOUNDS
 . SPODUMENE
 RT ∞ ALKALI METAL COMPOUNDS
 . ∞ CHEMICAL COMPOUNDS
 . ∞ METAL COMPOUNDS
 . METAL FUELS

LITHIUM COOLED REACTOR EXPERIMENT

UF LCRE REACTOR
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . LIQUID METAL COOLED REACTORS

LITHIUM COOLED REACTOR EXPERIMENT--(cont.)

. LITHIUM COOLED REACTOR
 EXPERIMENT

LITHIUM FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . METAL FLUORIDES
 . LITHIUM FLUORIDES
 . LITHIUM COMPOUNDS
 . LITHIUM FLUORIDES

LITHIUM HYDRIDES

GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . METAL HYDRIDES
 . LITHIUM HYDRIDES
 . LITHIUM ALUMINUM HYDRIDES
 . LITHIUM COMPOUNDS
 . LITHIUM HYDRIDES
 . LITHIUM ALUMINUM HYDRIDES

LITHIUM HYDROXIDES

GS BASES (CHEMICAL)
 . ALKALIES
 . LITHIUM HYDROXIDES
 . HYDROXIDES
 . LITHIUM HYDROXIDES
 . LITHIUM COMPOUNDS
 . LITHIUM HYDROXIDES

LITHIUM IODATES

GS HALOGEN COMPOUNDS
 . IODINE COMPOUNDS
 . IODATES
 . LITHIUM IODATES
 . LITHIUM COMPOUNDS
 . LITHIUM IODATES
 RT ∞ METAL COMPOUNDS

LITHIUM ISOTOPES

UF LITHIUM 4
 . LITHIUM 6
 GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . LITHIUM
 . LITHIUM ISOTOPES
 . NUCLIDES
 . ISOTOPES
 . LITHIUM ISOTOPES
 . METALS
 . ALKALI METALS
 . LITHIUM
 . LITHIUM ISOTOPES

LITHIUM NIOBATES

GS LITHIUM COMPOUNDS
 . LITHIUM NIOBATES
 . NIOBIUM COMPOUNDS
 . NIOBATES
 . LITHIUM NIOBATES

LITHIUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . METAL OXIDES
 . LITHIUM OXIDES
 . LITHIUM COMPOUNDS
 . LITHIUM OXIDES

LITHIUM PERCHLORATES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . PERCHLORATES
 . LITHIUM PERCHLORATES
 . LITHIUM COMPOUNDS
 . LITHIUM PERCHLORATES

LITHIUM SULFATES

GS LITHIUM COMPOUNDS
 . LITHIUM SULFATES
 . SULFUR COMPOUNDS
 . SULFATES
 . LITHIUM SULFATES

LITHIUM SULFUR BATTERIES

GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . LITHIUM SULFUR BATTERIES
 RT ∞ CELLS
 . ∞ ELECTRIC CELLS
 . ∞ ENERGY SOURCES
 . ∞ POWER SUPPLIES

LITHIUM 4

USE LITHIUM ISOTOPES

LITHIUM 6

USE LITHIUM ISOTOPES

LITHOGRAPHY

GS PRINTING
 . LITHOGRAPHY
 PHOTOLITHOGRAPHY
 RT PHOTOMECHANICAL EFFECT
 REPRODUCTION (COPYING)

LITHOLOGY

GS GEOLOGY
 . LITHOLOGY
 RT REGOLITH
 ROCKS

LITHOSPHERE

UF GEOSPHERE
 GS LITHOSPHERE
 . EARTH CORE
 . EARTH CRUST
 . EARTH MANTLE
 . EARTH SURFACE
 RT EARTH PLANETARY STRUCTURE
 PLANETARY MANTLES
 PLATES (TECTONICS)
 SUBDUCTION (GEOLOGY)

LITHUANIA

RT EUROPE
 NATIONS

LITTLE JOE 2 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . LITTLE JOE 2 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . . LITTLE JOE 2 LAUNCH VEHICLE
 RT ALGOL ENGINE
 MERCURY PROJECT
 SERGEANT MISSILES
 SOLID PROPELLANT ROCKET ENGINES
 TX-354 ENGINE
 XM-33 ENGINE

LITTLE JOHN ROCKET VEHICLE

GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . LITTLE JOHN ROCKET VEHICLE
 . SURFACE TO SURFACE ROCKETS
 . . LITTLE JOHN ROCKET VEHICLE
 RT HERCULES ENGINE
 SOLID PROPELLANT ROCKET ENGINES

LITTORAL CURRENTS

USE COASTAL CURRENTS

LITTORAL DRIFT

RT BARS (LANDFORMS)
 BEACHES
 BREAKWATERS
 COASTS
 OCEAN CURRENTS
 SANDS
 SEDIMENTS

LITTORAL TRANSPORT

RT BREAKWATERS
 OCEAN CURRENTS
 SANDS
 WATER WAVES
 ∞ WAVES

LIVER

GS ANATOMY
 . LIVER
 RT GASTROINTESTINAL SYSTEM
 GLANDS (ANATOMY)
 HEPATITIS
 TYROSINE

LIVERMORE POOL TYPE REACTOR

UF LPTR REACTOR
 GS NUCLEAR REACTORS
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . LIVERMORE POOL TYPE REACTOR

LIVERWORTS

USE BRYOPHYTES

LIVESTOCK

GS ANIMALS
 . LIVESTOCK
 RT CALVES
 CATTLE
 DEER
 GOATS
 HORSES
 RANGELANDS
 SHEEP
 SWINE
 TURKEYS

LIXISCOPES

UF LOW INTENSITY X RAY IMAGING
 SCOPES
 GS MEDICAL EQUIPMENT
 . X RAY APPARATUS
 . . LIXISCOPES
 RT PORTABLE EQUIPMENT
 RADIOGRAPHY
 X RAY ASTRONOMY
 X RAY IMAGERY

LIZARDS

GS ANIMALS
 . VERTEBRATES
 . . REPTILES
 . . . LIZARDS

LLANOS ORIENTALES (COLOMBIA)

GS LAND
 . GRASSLANDS
 . . LLANOS ORIENTALES (COLOMBIA)
 . PLAINS
 . . LLANOS ORIENTALES (COLOMBIA)
 RT COLOMBIA

LMCR (REACTORS)

USE LIQUID METAL COOLED REACTORS

LMFBR

USE LIQUID METAL FAST BREEDER
 REACTORS

LNG

USE LIQUEFIED NATURAL GAS

LOAD CARRYING CAPACITY

SN (LIMITED TO STRUCTURAL MECHANICS)
 GS MECHANICAL PROPERTIES
 . YIELD STRENGTH
 . . LOAD CARRYING CAPACITY
 RT COMPRESSIVE STRENGTH
 CREEP STRENGTH
 CRITICAL LOADING
 FRACTURE STRENGTH
 LOADS (FORCES)
 ∞ STRENGTH
 STRUCTURAL FAILURE
 STRUCTURAL STABILITY
 STRUCTURAL STRAIN
 TENSILE STRENGTH

LOAD DISTRIBUTION (FORCES)

GS DISTRIBUTION (PROPERTY)
 . LOAD DISTRIBUTION (FORCES)
 RT ∞ DISTRIBUTION
 TRANSVERSE LOADS

LOAD FACTORS

USE LOADS (FORCES)

LOAD TESTING MACHINES

RT ∞ MACHINERY
 ∞ TEST EQUIPMENT

LOAD TESTS

RT COMPRESSION TESTS
 CREEP TESTS
 DESTRUCTIVE TESTS
 FATIGUE TESTS
 IMPACT TESTS
 LOADING RATE
 NONDESTRUCTIVE TESTS
 SHOCK TESTS
 SPECIMEN GEOMETRY
 SPIN TESTS
 STATIC TESTS
 TENSILE TESTS
 ∞ TESTS
 VARIABLE AMPLITUDE LOADING

∞ LOADING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF DUMMY LOADS
 RT FEEDING (SUPPLYING)
 FILLING
 INPUT
 LOADING OPERATIONS
 LOADS (FORCES)
 PAYLOADS
 REFILLING
 REPLENISHMENT
 SHAFTS (MACHINE ELEMENTS)
 SWEEP EFFECT
 VARIABLE AMPLITUDE LOADING

LOADING FORCES

USE LOADS (FORCES)

LOADING MOMENTS

GS MOMENTS
 . LOADING MOMENTS
 RT AERODYNAMIC LOADS
 BENDING MOMENTS
 FLEXING
 LOADS (FORCES)
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 PRESSURE DISTRIBUTION
 STATIC LOADS
 STRUCTURAL ANALYSIS
 TORQUE
 TRANSVERSE LOADS

LOADING OPERATIONS

RT FEEDERS
 ∞ LOADING
 MATERIALS HANDLING
 ∞ OPERATIONS
 UNLOADING

LOADING RATE

GS RATES (PER TIME)
 . LOADING RATE
 RT IMPACT LOADS
 LOAD TESTS
 LOADS (FORCES)
 STRAIN RATE
 VARIABLE AMPLITUDE LOADING
 VELOCITY

LOADING WAVES

USE ELASTIC WAVES
 LOADS (FORCES)

LOADS (FORCES)

UF LOAD FACTORS
 LOADING FORCES
 LOADING WAVES
 GS LOADS (FORCES)
 . AXIAL LOADS
 . . AXIAL COMPRESSION LOADS
 . COMPRESSION LOADS
 . . AXIAL COMPRESSION LOADS
 . . IMPACT LOADS
 . CRITICAL LOADING
 . DYNAMIC LOADS
 . . AERODYNAMIC LOADS
 . . . BLAST LOADS
 . . . GUST LOADS
 . . CONTACT LOADS
 . . . ROLLING CONTACT LOADS
 . . CYCLIC LOADS
 . . THRUST LOADS
 . . TRANSIENT LOADS
 . . . GUST LOADS
 . . . IMPACT LOADS
 . . . LANDING LOADS
 . . . SHOCK LOADS
 . . . BLAST LOADS
 . . . VARIABLE AMPLITUDE LOADING
 . . VIBRATORY LOADS
 . . WING LOADING
 . . EDGE LOADING
 . . RANDOM LOADS
 . . GUST LOADS
 . . STATIC LOADS
 . . TRANSVERSE LOADS
 RT BALLAST (MASS)
 ∞ EQUILIBRIUM
 ∞ FORCE
 FORCE DISTRIBUTION
 HUGONIOT EQUATION OF STATE
 LOAD CARRYING CAPACITY

LOADS (FORCES)--(cont.)

∞ LOADING
 LOADING MOMENTS
 LOADING RATE
 MASS DISTRIBUTION
 ∞ MECHANICS (PHYSICS)
 MOMENT DISTRIBUTION
 PAYLOADS
 PLANE STRESS
 PRESSURE
 PRESSURE DISTRIBUTION
 PRESSURE EFFECTS
 SHAFTS (MACHINE ELEMENTS)
 SHEARING
 STRESS CONCENTRATION
 STRESS INTENSITY FACTORS
 STRESSES
 STRUCTURAL DESIGN CRITERIA
 WEIGHT (MASS)
 WIND PRESSURE

LOBES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 BACKLOBES
 SIDELOBES

LOCAL AREA NETWORKS

UF LAN (COMPUTER NETWORKS)
 GS COMMUNICATION NETWORKS
 . LOCAL AREA NETWORKS
 COMPUTER NETWORKS
 . LOCAL AREA NETWORKS
 RT ARCHITECTURE (COMPUTERS)
 DATA TRANSMISSION
 INTERPROCESSOR COMMUNICATION
 NETWORK CONTROL
 PROTOCOL (COMPUTERS)
 VSAT (NETWORK)

LOCAL GROUP (ASTRONOMY)

GS CELESTIAL BODIES
 . GALAXIES
 . . GALACTIC CLUSTERS
 . . . LOCAL GROUP (ASTRONOMY)
 RT ANDROMEDA GALAXY
 BARRED GALAXIES
 COSMOLOGY
 DISK GALAXIES
 DWARF GALAXIES
 ELLIPTICAL GALAXIES
 SOLAR NEIGHBORHOOD
 SPIRAL GALAXIES
 VIRGO GALACTIC CLUSTER

LOCAL SCIENTIFIC SURVEY MODULE

GS MODULES
 . LOCAL SCIENTIFIC SURVEY MODULE
 RT INSTRUMENT PACKAGES
 LUNAR EXPLORATION
 MEASURING INSTRUMENTS

LOCAL THERMODYNAMIC EQUILIBRIUM

UF LTE (ASTRONOMY)
 RT STELLAR ATMOSPHERES
 STELLAR PHYSICS
 THERMODYNAMIC EQUILIBRIUM

LOCALIZATION

USE POSITION (LOCATION)

LOCATES SYSTEM

UF LOCATION OF AIR TRAFFIC SATELLITES
 RT AIR TRAFFIC CONTROL
 BEACON SATELLITES
 NAVIGATION SATELLITES
 SATELLITE GUIDANCE
 ∞ SYSTEMS

LOCATION

USE POSITION (LOCATION)

LOCATION OF AIR TRAFFIC SATELLITES

USE LOCATES SYSTEM

LOCI

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . LOCI
 RT ∞ CENTERS

LOCI--(cont.)

CONICS
 FOCI
 LINE OF SIGHT
 POINTS (MATHEMATICS)
 RESOLUTION

LOCKHEED AIRCRAFT

GS LOCKHEED AIRCRAFT
 . C-5 AIRCRAFT
 . C-121 AIRCRAFT
 . C-130 AIRCRAFT
 . C-140 AIRCRAFT
 . C-141 AIRCRAFT
 . CL-823 AIRCRAFT
 . EC-121 AIRCRAFT
 . ELECTRA AIRCRAFT
 . F-94 AIRCRAFT
 . F-104 AIRCRAFT
 . L-1011 AIRCRAFT
 . L-2000 AIRCRAFT
 . LOCKHEED MODEL 18 AIRCRAFT
 . P-3 AIRCRAFT
 . SR-71 AIRCRAFT
 . T-33 AIRCRAFT
 . U-2 AIRCRAFT
 . XH-51 HELICOPTER
 . XV-4 AIRCRAFT
 RT ∞ AIRCRAFT

LOCKHEED C-5 AIRCRAFT

USE C-5 AIRCRAFT

LOCKHEED CL-595 HELICOPTER

USE XH-51 HELICOPTER

LOCKHEED CL-823 AIRCRAFT

USE CL-823 AIRCRAFT

LOCKHEED CONSTELLATION AIRCRAFT

USE C-121 AIRCRAFT

LOCKHEED L-2000 AIRCRAFT

USE L-2000 AIRCRAFT

LOCKHEED MODEL 18 AIRCRAFT

GS LOCKHEED AIRCRAFT
 . LOCKHEED MODEL 18 AIRCRAFT
 MONOPLANES
 . LOCKHEED MODEL 18 AIRCRAFT
 TRANSPORT AIRCRAFT
 . LOCKHEED MODEL 18 AIRCRAFT
 RT ∞ AIRCRAFT

LOCKHEED U-2 AIRCRAFT

USE U-2 AIRCRAFT

LOCKHEED XV-4A AIRCRAFT

USE XV-4 AIRCRAFT

LOCKHEED 186 HELICOPTER

USE XH-51 HELICOPTER

LOCKING

UF INTERLOCKING
 GS LOCKING
 . LASER MODE LOCKING
 RT FASTENERS
 ∞ JOINING
 LOCKS (FASTENERS)
 RETAINING

∞ LOCKS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIR LOCKS
 LOCKS (FASTENERS)

LOCKS (FASTENERS)

GS FASTENERS
 . LOCKS (FASTENERS)
 RT LOCKING
 ∞ LOCKS

LOCOMOTION

UF MOTILITY
 GS LOCOMOTION
 . ASTRONAUT LOCOMOTION
 . WALKING
 RT EXERCISE PHYSIOLOGY
 NAVIGATION
 PROPULSION
 WHEELCHAIRS

LOCOMOTIVES

RT DIESEL ENGINES
 HANDLING EQUIPMENT
 RAIL TRANSPORTATION
 WINDSHIELDS

LOCUSTS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 LOCUSTS
 RT FARM CROPS
 FOLIAGE
 INFESTATION
 VEGETATION

LOFAR

RT SONAR
 UNDERWATER ACOUSTICS

LOFTI SATELLITES

USE LOW FREQUENCY TRANSIONOSPHERIC
 SATELLITES

LOFTING

RT AIRCRAFT DESIGN
 ASCENT TRAJECTORIES
 COMPUTER AIDED DESIGN
 DIFFERENTIAL GEOMETRY
 ENGINEERING DRAWINGS
 MATHEMATICAL MODELS
 SPACECRAFT DESIGN
 STRUCTURAL DESIGN
 ∞ SURFACE GEOMETRY
 TEMPLATES

LOG PERIODIC ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . LOG PERIODIC ANTENNAS
 RT ANTENNA ARRAYS
 ANTENNA DESIGN
 BROADBAND
 DIPOLE ANTENNAS
 ∞ FREQUENCY RESPONSE
 PARASITIC ELEMENTS (ANTENNAS)

LOG SPIRAL ANTENNAS

GS ANTENNAS
 . SPIRAL ANTENNAS
 . . LOG SPIRAL ANTENNAS
 RT DIPOLE ANTENNAS

LOGARITHMIC RECEIVERS

GS RECEIVERS
 . LOGARITHMIC RECEIVERS
 RT COMMUNICATION EQUIPMENT
 ∞ FREQUENCY RESPONSE
 INTERMEDIATE FREQUENCY AMPLIFIERS
 TRANSFER FUNCTIONS

LOGARITHMS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . EXPONENTIAL FUNCTIONS
 . . . LOGARITHMS
 FUNCTIONS (MATHEMATICS)
 . TRANSCENDENTAL FUNCTIONS
 . . EXPONENTIAL FUNCTIONS
 . . . LOGARITHMS
 RT EXPONENTS

LOGGING (INDUSTRY)

RT FORESTS
 TREES (PLANTS)

∞ LOGIC

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ARTIFICIAL INTELLIGENCE
 AXIOMS
 BOOLEAN ALGEBRA
 BRANCHING (MATHEMATICS)
 COMPLEMENTS (MATHEMATICS)
 EXPERT SYSTEMS
 FLUID LOGIC
 FLUIDICS
 FORMALISM
 INFORMATION THEORY
 LOGIC CIRCUITS
 LOGIC DESIGN
 MATHEMATICAL LOGIC

LOGIC--(cont.)

PARADOXES
PHILOSOPHY
PREDICATE CALCULUS
PREDICATE LOGIC
∞ PRINCIPLES
THRESHOLD LOGIC
TRANSISTOR LOGIC

LOGIC CIRCUITS

UF DIGITAL CIRCUITS
LOGIC NETWORKS
GS CIRCUITS
DIGITAL ELECTRONICS
LOGIC CIRCUITS
THRESHOLD GATES
RT ADDING CIRCUITS
ARCHITECTURE (COMPUTERS)
ARITHMETIC AND LOGIC UNITS
CENTRAL PROCESSING UNITS
COMPUTERS
COUNTING CIRCUITS
DECISIONS
DIGITAL COMPUTERS
FLUID LOGIC
GATES (CIRCUITS)
∞ LOGIC
LOGICAL ELEMENTS
MATRICES (CIRCUITS)
MULTIPLIERS
MULTIVIBRATORS
NEURAL NETS
PROGRAMMABLE LOGIC DEVICES
∞ RELAY
SWITCHING CIRCUITS
THRESHOLD LOGIC
TRANSISTOR CIRCUITS
TRANSISTOR LOGIC

LOGIC DESIGN

RT AMPLIFIER DESIGN
ARCHITECTURE (COMPUTERS)
COMPUTER AIDED DESIGN
COMPUTER DESIGN
COMPUTER PROGRAMMING
∞ DESIGN
DESIGN ANALYSIS
∞ LOGIC
LOGIC PROGRAMMING
LOGICAL ELEMENTS
PROGRAMMABLE LOGIC DEVICES
SWITCHING THEORY
TRANSISTOR LOGIC

LOGIC NETWORKS

USE LOGIC CIRCUITS

LOGIC PROGRAMMING

GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
LOGIC PROGRAMMING
RT ARTIFICIAL INTELLIGENCE
EXPERT SYSTEMS
LOGIC DESIGN

LOGIC UNITS

USE ARITHMETIC AND LOGIC UNITS

LOGICAL ELEMENTS

UF DECISION ELEMENTS
RT COMPUTER COMPONENTS
DIGITAL ELECTRONICS
∞ ELEMENTS
GATES (CIRCUITS)
LOGIC CIRCUITS
LOGIC DESIGN

LOGISTICS

GS LOGISTICS
LUNAR LOGISTICS
SPACE LOGISTICS
RT AIRCRAFT MAINTENANCE
ARMY-NAVY INSTRUMENTATION
PROGRAM
COMMAND AND CONTROL
CRANES
DEPLOYMENT
DOWNTIME
∞ ELECTRIC EQUIPMENT
ENERGY POLICY
∞ FACILITIES
INVENTORY MANAGEMENT
MAINTENANCE
MATRIX MANAGEMENT
PORTABLE EQUIPMENT

LOGISTICS--(cont.)

RAPID TRANSIT SYSTEMS
RESOURCE ALLOCATION
RESOURCES
SERVICES
SHIPYARDS
SITE SELECTION
STOCKPILING
∞ STORAGE
STOWAGE (ONBOARD EQUIPMENT)
TRANSPORTATION
∞ TRAVEL
UTILITIES

LOGISTICS MANAGEMENT

GS MANAGEMENT
LOGISTICS MANAGEMENT
INVENTORY MANAGEMENT
INVENTORY CONTROLS
RT ∞ FACILITIES
MAINTENANCE
RESOURCES
SERVICES
SPARE PARTS
∞ STORAGE

LOGISTICS OVER THE SHORE (LOTS) CARRIER

RT MILITARY TECHNOLOGY

LOH HELICOPTER

USE OH-6 HELICOPTER

LOKI ROCKET VEHICLE

GS ROCKET VEHICLES
SINGLE STAGE ROCKET VEHICLES
LOKI ROCKET VEHICLE
SOUNDING ROCKETS
LOKI ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
WASP SOUNDING ROCKET

LOLA (SIMULATOR)

USE LUNAR ORBIT AND LANDING
SIMULATORS

LOMONOSOV CURRENT

GS CIRCULATION
WATER CIRCULATION
WATER CURRENTS
OCEAN CURRENTS
LOMONOSOV CURRENT
RT ATLANTIC OCEAN
GULF STREAM
TROPICAL REGIONS

LONG DURATION EXPOSURE FACILITY

UF LDEF
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
LONG DURATION EXPOSURE
FACILITY
LABORATORIES
SPACE LABORATORIES
LONG DURATION EXPOSURE
FACILITY
SPACE PLATFORMS
LONG DURATION EXPOSURE FACILITY
RT SPACEBORNE EXPERIMENTS

LONG DURATION SPACE FLIGHT

UF EXTENDED DURATION SPACE FLIGHT
GS SPACE FLIGHT
LONG DURATION SPACE FLIGHT
RT DEEP SPACE
EXTRATERRESTRIAL ENVIRONMENTS
∞ FLIGHT
FLYBY MISSIONS
INTERPLANETARY FLIGHT
INTERSTELLAR TRAVEL
MANNED MARS MISSIONS
MANNED SPACE FLIGHT
∞ MISSIONS
PLANETARY ENVIRONMENTS
SPACE ADAPTATION SYNDROME

LONG ISLAND (NY)

GS LANDFORMS
ISLANDS
LONG ISLAND (NY)
RT ATLANTIC OCEAN
NEW YORK

LONG PERIOD VARIABLES

USE MIRA VARIABLES

LONG RANGE NAVIGATION

USE LORAN
LORAN D

LONG RANGE WEATHER FORECASTING

GS FORECASTING
WEATHER FORECASTING
LONG RANGE WEATHER
FORECASTING
METEOROLOGY
WEATHER FORECASTING
LONG RANGE WEATHER
FORECASTING
RT ATMOSPHERIC GENERAL CIRCULATION
MODELS
NUMERICAL WEATHER FORECASTING
STATISTICAL WEATHER FORECASTING

LONG TERM EFFECTS

UF SECULAR PERTURBATION
RT CELESTIAL MECHANICS
CLIMATE
CLOSED ECOLOGICAL SYSTEMS
CYCLES
DURABILITY
∞ EFFECTS
LIFE (DURABILITY)
LIFE SUPPORT SYSTEMS
ORBIT PERTURBATION
∞ PERFORMANCE
PERIODIC VARIATIONS
PERTURBATION
STORAGE STABILITY
TIME TEMPERATURE PARAMETER
WEATHER

LONG TERM ZONAL EARTH ENERGY

EXPERIMENT
USE LZEEBE SATELLITE

LONG WAVE RADIATION

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
LONG WAVE RADIATION
RT FAR INFRARED RADIATION
MONOCHROMATIC RADIATION
∞ RADIATION
SHORT WAVE RADIATION
SOLAR RADIATION

LONG WAVES (METEOROLOGY)

USE PLANETARY WAVES

LONGERONS

UF ASTROMASTS
GS STRUCTURAL MEMBERS
LONGERONS
RT KEELS
REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
STRAKES
STRINGERS
STRUCTURAL STABILITY

∞ LONGEVITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT LIFE (DURABILITY)
LIFE SPAN

LONGITUDE

GS LONGITUDE
SOLAR LONGITUDE
RT COORDINATES
GEODETIC COORDINATES
LATITUDE
POSITION (LOCATION)

LONGITUDE MEASUREMENT

RT LATITUDE MEASUREMENT
∞ MEASUREMENT
NAVIGATION
POSITIONING

LONGITUDINAL CONTROL

UF PITCH ATTITUDE CONTROL
GS ATTITUDE CONTROL
LONGITUDINAL CONTROL
RT AIRCRAFT CONTROL
ALTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
DIRECTIONAL CONTROL

LONGITUDINAL CONTROL--(cont.)

HELICOPTER CONTROL
 LATERAL CONTROL
 MANUAL CONTROL
 MISSILE CONTROL
 PILOT INDUCED OSCILLATION
 PITCH (INCLINATION)
 SATELLITE ATTITUDE CONTROL
 SATELLITE CONTROL

LONGITUDINAL STABILITY

GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 **LONGITUDINAL STABILITY**
 STABILITY
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . ATTITUDE STABILITY
 **LONGITUDINAL STABILITY**
 RT AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 DIRECTIONAL STABILITY
 FLOW STABILITY
 HOVERING STABILITY
 LATERAL STABILITY
 PITCH (INCLINATION)
 PITCHING MOMENTS
 POGO EFFECTS
 ROTARY STABILITY
 SPACECRAFT STABILITY

LONGITUDINAL WAVES

GS **LONGITUDINAL WAVES**
 . PLANE WAVES
 RT BEAMS (RADIATION)
 DILATATIONAL WAVES
 ELASTIC WAVES
 ELECTROSTATIC WAVES
 FREQUENCIES
 NORMAL SHOCK WAVES
 ∞ RADIATION
 SEISMIC WAVES
 SHOCK WAVES
 SOLAR RADIATION
 SOUND WAVES
 TRANSVERSE WAVES
 WAVE PACKETS
 WAVELENGTHS
 ∞ WAVES

LONGSHORE CURRENTS

USE COASTAL CURRENTS

LOOK ANGLES (ELECTRONICS)

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . **LOOK ANGLES (ELECTRONICS)**
 RT ALIGNMENT
 DIRECTIVITY
 INSTALLING
 INSTRUMENT ORIENTATION
 OPTICAL EQUIPMENT
 POSITIONING
 RADAR EQUIPMENT

LOOK ANGLES (TRACKING)

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . **LOOK ANGLES (TRACKING)**
 RT AZIMUTH
 ELEVATION ANGLE
 FIELD OF VIEW

LOOP ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . **LOOP ANTENNAS**
 RT AIRCRAFT ANTENNAS
 LOOPS
 MONOPOLE ANTENNAS

LOOP TRANSFER FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . TRANSFER FUNCTIONS
 . . **LOOP TRANSFER FUNCTIONS**
 RT CONTROL SYSTEMS DESIGN
 FEEDBACK CONTROL
 LOOP TRANSFER RECOVERY

LOOP TRANSFER RECOVERY

RT COMPENSATORS

LOOP TRANSFER RECOVERY--(cont.)

CONTROL STABILITY
 CONTROL SYSTEMS DESIGN
 CONTROL THEORY
 ERROR SIGNALS
 FEEDBACK CONTROL
 LOOP TRANSFER FUNCTIONS
 ∞ RECOVERY
 SYSTEMS STABILITY

LOOPS

GS **LOOPS**
 . CORROSION TEST LOOPS
 RT CIRCUITS
 CLOSED CYCLES
 LOOP ANTENNAS
 TORUSES
 TRUSSES

LOR (RENDEZVOUS)

USE LUNAR ORBITAL RENDEZVOUS

LORAC NAVIGATION SYSTEM

GS NAVIGATION
 . RADIO NAVIGATION
 . . HYPERBOLIC NAVIGATION
 . . . **LORAC NAVIGATION SYSTEM**
 RT DISTANCE MEASURING EQUIPMENT
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 SURFACE NAVIGATION
 ∞ SYSTEMS

LORAN

UF LONG RANGE NAVIGATION
 GS NAVIGATION
 . RADIO NAVIGATION
 . . HYPERBOLIC NAVIGATION
 . . . **LORAN**
 LORAN C
 LORAN D
 RT AIR NAVIGATION
 DECCA NAVIGATION
 DISTANCE MEASURING EQUIPMENT
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 POLAR NAVIGATION
 SOLAR COMPASSES
 SURFACE NAVIGATION
 SURVEYS

LORAN C

GS NAVIGATION
 . RADIO NAVIGATION
 . . HYPERBOLIC NAVIGATION
 . . . LORAN
 **LORAN C**
 RT AIR NAVIGATION
 DECCA NAVIGATION
 NAVIGATION AIDS

LORAN D

UF LONG RANGE NAVIGATION
 GS NAVIGATION
 . RADIO NAVIGATION
 . . HYPERBOLIC NAVIGATION
 . . . LORAN
 **LORAN D**
 RT AIR NAVIGATION
 DECCA NAVIGATION
 NAVIGATION AIDS

LORENTZ CONTRACTION

UF FITZGERALD-LORENTZ CONTRACTION
 RT RELATIVITY

LORENTZ FORCE

RT CHARGED PARTICLES
 ∞ FORCE
 MAGNETIC FIELDS
 PONDEROMOTIVE FORCES

LORENTZ GAS

GS GASES
 . IONIZED GASES
 . . **LORENTZ GAS**
 . . . PARTICLES
 . . . CHARGED PARTICLES
 . . . IONIZED GASES
 **LORENTZ GAS**
 RT GAS DYNAMICS
 KINETIC THEORY

LORENTZ TRANSFORMATIONS

GS FUNCTIONS (MATHEMATICS)
 . **LORENTZ TRANSFORMATIONS**
 RT DIRAC EQUATION
 INVARIANCE
 MANDELSTAM REPRESENTATION

LORV

USE LOW OBSERVABLE REENTRY VEHICLES

LOS ALAMOS MOLTEN PLUTONIUM REACTOR

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . LIQUID METAL COOLED REACTORS
 . . . **LOS ALAMOS MOLTEN PLUTONIUM REACTOR**
 . NUCLEAR RESEARCH AND TEST REACTORS
 . . **LOS ALAMOS MOLTEN PLUTONIUM REACTOR**

LOS ALAMOS TURRET REACTOR

USE HIGH TEMPERATURE NUCLEAR REACTORS

LOS ALAMOS WATER BOILER REACTOR

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 **LOS ALAMOS WATER BOILER REACTOR**

LOSS OF COOLANT

UF COOLANT LOSS
 GS ACCIDENTS
 . **LOSS OF COOLANT**
 RT COOLANTS
 LEAKAGE
 LOSSES
 NUCLEAR REACTORS
 REACTOR MATERIALS

LOSSES

RT AUDITORY DEFECTS
 COMMERCE
 DAMAGE
 DEPLETION
 EDDY CURRENTS
 ENERGY DISSIPATION
 IMPAIRMENT
 INSERTION LOSS
 LEAKAGE
 LEGAL LIABILITY
 LIABILITIES
 LOSS OF COOLANT
 OHMIC DISSIPATION
 PLASMA LOSS
 SEEPAGE
 TRANSMISSION LOSS
 WASTES
 WATER LOSS
 YIELD

LOSSLESS EQUIPMENT

RT LOSSLESS MATERIALS

LOSSLESS MATERIALS

GS DIELECTRICS
 . **LOSSLESS MATERIALS**
 RT LOSSLESS EQUIPMENT
 ∞ MATERIALS

LOSSY MEDIA

RT ELECTROMAGNETIC WAVE
 TRANSMISSION
 IONOSPHERIC PROPAGATION
 TRANSMISSION LOSS
 WAVE PROPAGATION

LOST WAX PROCESS

USE INVESTMENT CASTING

LOTS CARGO SHIPS

USE CARGO SHIPS

LOUDNESS

RT ACOUSTICS
 EFFECTIVE PERCEIVED NOISE LEVELS
 FLUX DENSITY
 HEARING
 ∞ INTENSITY
 LEVEL (QUANTITY)
 NOISE (SOUND)

LOUDNESS--(cont.)

NOISE MEASUREMENT
NOISE REDUCTION
POWER SPECTRA
SOUND INTENSITY
SOUND PRESSURE
SOUND WAVES

LOUDSPEAKERS

GS AUDIO EQUIPMENT
 . **LOUDSPEAKERS**
 TRANSUDERS
 . SOUND TRANSUDERS
 . . . ELECTROACOUSTIC TRANSUDERS
 . . . **LOUDSPEAKERS**
RT MONAURAL SIGNALS
RADIO RECEIVERS
SOUND GENERATORS

LOUISIANA

GS NATIONS
 . UNITED STATES
 . . **LOUISIANA**
RT ATCHAFALAYA RIVER BASIN (LA)
GULF OF MEXICO
LAKE PONTCHARTRAIN (LA)
MISSISSIPPI DELTA (LA)

LOUNGES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT MOBILE LOUNGES
ROOMS
SEATS

LOUVERS

RT APERTURES
BAFFLES
 . DIFFUSERS
 . . SCREENING
 SHADES
SHIELDING
 . SHUTTERS
 SLOTS
VENTS

LOVE WAVES

GS ELASTIC WAVES
 . SEISMIC WAVES
 . . **LOVE WAVES**
RT SURFACE WAVES

LOW ALLOY STEELS

USE HIGH STRENGTH STEELS

LOW ALTITUDE

GS ALTITUDE
 . **LOW ALTITUDE**
RT ELEVATION
LOWER ATMOSPHERE
MIDALTITUDE
NAP-OF-THE-EARTH NAVIGATION

LOW ASPECT RATIO

GS RATIOS
 . ASPECT RATIO
 . . **LOW ASPECT RATIO**

LOW ASPECT RATIO WINGS

UF DIAMOND WINGS
GS AIRFOILS
 . WINGS
 . . **LOW ASPECT RATIO WINGS**
 . . . DELTA WINGS
 . . . TRAPEZOIDAL WINGS
RT CRUCIFORM WINGS
FIXED WINGS
RIGID WINGS
WING PLANFORMS

LOW CARBON STEELS

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . CARBON STEELS
 **LOW CARBON STEELS**
RT IRON

LOW CONCENTRATIONS

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . **LOW CONCENTRATIONS**
RT DILUTION

LOW CONDUCTIVITY

RT ELECTRIC CURRENT
ELECTRICAL RESISTIVITY
TRANSCONDUCTANCE

LOW COST

GS COSTS
 . **LOW COST**
RT ECONOMY

LOW CURRENTS

GS ELECTRIC CURRENT
 . **LOW CURRENTS**
RT LOW VOLTAGE
PLASMA CURRENTS

LOW DENSITY FLOW

RT ∞ FLOW
FLUID DYNAMICS
MOLECULAR FLOW
RAREFIED GAS DYNAMICS
RAREFIED GASES

LOW DENSITY GASES

USE RAREFIED GASES

LOW DENSITY MATERIALS

RT ABSORBENTS
ABSORBERS (MATERIALS)
FOAMS
GRANULAR MATERIALS
HONEYCOMB CORES
HONEYCOMB STRUCTURES
LIGHT ELEMENTS
 . MATERIALS
POLYURETHANE FOAM
POROUS MATERIALS
POROUS PLATES
POWDER METALLURGY

LOW DENSITY RESEARCH

GS RESEARCH
 . **LOW DENSITY RESEARCH**
RT BLOWDOWN WIND TUNNELS
COLLISIONLESS PLASMAS
COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
NONUNIFORM PLASMAS
PLASMAS (PHYSICS)
RAREFIED GASES
SHOCK TUBES
SHOCK TUNNELS
SHOCK WAVE LUMINESCENCE
ULTRAHIGH VACUUM
VACUUM APPARATUS

LOW DENSITY WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . . **LOW DENSITY WIND TUNNELS**
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
PLASMA JETS
RAREFIED GAS DYNAMICS
SHOCK TUBES
SHOCK TUNNELS
SLIP FLOW
SUPERSONIC WIND TUNNELS

LOW EARTH ORBITAL ENVIRONMENTS

USE EARTH ORBITAL ENVIRONMENTS

LOW FREQUENCIES

SN (30 TO 300 KHZ)
GS FREQUENCIES
 . RADIO FREQUENCIES
 . . **LOW FREQUENCIES**
 . . . VERY LOW FREQUENCIES
RT EXTREMELY LOW FREQUENCIES
INTERMEDIATE FREQUENCIES

LOW FREQUENCY BANDS

GS FREQUENCIES
 . RADIO FREQUENCIES
 . . **LOW FREQUENCY BANDS**
 . . . VERY LOW FREQUENCIES
RT ∞ BANDS
HIGH FREQUENCIES
ULTRAHIGH FREQUENCIES
VERY HIGH FREQUENCIES

LOW FREQUENCY TRANSIONOSPHERIC SATELLITES

UF LOFTI SATELLITES

LOW FREQUENCY TRANSIONOSPHERIC--(cont.)

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . **LOW FREQUENCY
TRANSIONOSPHERIC SATELLITES**

LOW GRAVITY

USE MICROGRAVITY

LOW GRAVITY MANUFACTURING

GS MANUFACTURING
 . **LOW GRAVITY MANUFACTURING**
RT CONTAINERLESS MELTS
DROP TOWERS
FABRICATION
LEVITATION MELTING
LIQUID BRIDGES
MARANGONI CONVECTION
METAL FOAMS
MICROGRAVITY
 . MICROGRAVITY APPLICATIONS
SPACE MANUFACTURING
SPACE PROCESSING
SPACE TOOLS
TECHNOLOGIES

LOW INTENSITY X RAY IMAGING SCOPES

USE LIXISCOPES

LOW LATITUDES

USE TROPICAL REGIONS

LOW LEVEL TURBULENCE

GS TURBULENCE
 . ATMOSPHERIC TURBULENCE
 . . **LOW LEVEL TURBULENCE**
RT HOMOGENEOUS TURBULENCE

LOW MASS

USE MASS

LOW MOLECULAR WEIGHTS

GS MOLECULAR WEIGHT
 . **LOW MOLECULAR WEIGHTS**
RT DIATOMIC MOLECULES
MOLECULES
MONATOMIC MOLECULES
WEIGHT (MASS)

LOW NOISE

RT PREAMPLIFIERS
SIGNAL TO NOISE RATIOS

LOW OBSERVABLE REENTRY VEHICLES

UF LORV
GS REENTRY VEHICLES
 . **LOW OBSERVABLE REENTRY
VEHICLES**
RT RADAR CROSS SECTIONS
REENTRY
REENTRY PHYSICS
 . VEHICLES

LOW PASS FILTERS

RT BANDSTOP FILTERS
ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
 . FILTERS
MICROWAVE FILTERS
OPTICAL FILTERS

LOW PRESSURE

GS PRESSURE
 . **LOW PRESSURE**
 . . HIGH ALTITUDE PRESSURE
RT ALTITUDE TOLERANCE
CYCLOGENESIS
CYCLONES
 . DEPRESSION
HIGH ALTITUDE ENVIRONMENTS
HIGH PRESSURE
HYPOBARIC ATMOSPHERES
TROUGH
VACUUM

LOW PRESSURE CHAMBERS

USE VACUUM CHAMBERS

LOW RESISTANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHEMICAL PROPERTIES
ELECTRICAL RESISTANCE

LOW RESISTANCE--(cont.)

FLOW RESISTANCE
MECHANICAL PROPERTIES
∞ RESISTANCE
THERMAL RESISTANCE
TRANSCONDUCTANCE

LOW REYNOLDS NUMBER

SN (RN BELOW 2,000)
GS RATIOS
. DIMENSIONLESS NUMBERS
. REYNOLDS NUMBER
. LOW REYNOLDS NUMBER
RT HIGH REYNOLDS NUMBER
LAMINAR FLOW
VISCOSITY

LOW SPEED

UF LOW VELOCITY
GS RATES (PER TIME)
. LOW SPEED
VELOCITY
. LOW SPEED
RT AIRSPEED
FLOW VELOCITY
GROUND SPEED
LANDING SPEED
SUBSONIC SPEED

LOW SPEED STABILITY

GS DYNAMIC CHARACTERISTICS
. DYNAMIC STABILITY
. MOTION STABILITY
. LOW SPEED STABILITY
STABILITY
. DYNAMIC STABILITY
. MOTION STABILITY
. LOW SPEED STABILITY
RT AERODYNAMIC STABILITY
AERODYNAMIC STALLING
AIRCRAFT STABILITY
ATTITUDE STABILITY
CONTROLLABILITY
DYNAMIC TESTS
FLIGHT CHARACTERISTICS
FLOW STABILITY
HOVERING STABILITY
SPACECRAFT STABILITY

LOW SPEED WIND TUNNELS

GS TEST FACILITIES
. WIND TUNNELS
. LOW SPEED WIND TUNNELS
. SUBSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS

LOW TEMPERATURE

GS TEMPERATURE
. LOW TEMPERATURE
. CRYOGENIC TEMPERATURE
RT BAY ICE
COOLING
CRYOGENICS
FREEZING
FROST
FROST DAMAGE
ICE FORMATION
MAGNETIC COOLING
PRESSURE ICE
REFRIGERATING

LOW TEMPERATURE BRAZING

GS WELDING
. FUSION WELDING
. GAS WELDING
. BRAZING
. LOW TEMPERATURE BRAZING
RT SOLDERING

LOW TEMPERATURE ENVIRONMENTS

GS ENVIRONMENTS
. LOW TEMPERATURE ENVIRONMENTS
RT COLD STRENGTH
COLD WEATHER
HIGH ALTITUDE ENVIRONMENTS
LUNAR TEMPERATURE
MAGNETIC COOLING
MOUNTAIN INHABITANTS
THERMAL ENVIRONMENTS

LOW TEMPERATURE PHYSICS

RT CRYOCHEMISTRY
CRYOGENICS
HIGH TEMPERATURE
SUPERCONDUCTORS

LOW TEMPERATURE PHYSICS--(cont.)

KONDO EFFECT
∞ PHYSICS
SCIENCE
SOLIDIFIED GASES
SUPERCONDUCTING POWER
TRANSMISSION
SUPERCONDUCTIVITY
YBCO SUPERCONDUCTORS

LOW TEMPERATURE PLASMAS

USE COLD PLASMAS

LOW TEMPERATURE TESTS

GS ENVIRONMENTAL TESTS
. LOW TEMPERATURE TESTS
RT CHEMICAL TESTS
COLD STRENGTH
COLD WEATHER TESTS
CRYOSTATS
HARDNESS TESTS
LUBRICANT TESTS
MELTING POINTS
NONDESTRUCTIVE TESTS
QUALITY CONTROL
TEMPERATURE CONTROL
∞ TESTS
THERMAL EXPANSION
THERMAL STABILITY

LOW THRUST

GS THRUST
. LOW THRUST
. MICROTHRUST
RT HIGH THRUST
JET THRUST
ROCKET THRUST
VARIABLE THRUST

LOW THRUST PROPULSION

GS PROPULSION
. LOW THRUST PROPULSION
. ELECTROMAGNETIC PROPULSION
. ELECTROSTATIC PROPULSION
. ION PROPULSION
. MAN OPERATED PROPULSION
SYSTEMS
. PHOTONIC PROPULSION
. PLASMA PROPULSION
. SOLAR PROPULSION
. SOLAR ELECTRIC PROPULSION
. SOLAR THERMAL PROPULSION
RT ELECTRIC PROPULSION
MICROTHRUST
ROCKET THRUST
SPACE STATION PROPULSION
SPACECRAFT PROPULSION
VARIABLE THRUST

LOW TURBULENCE

GS TURBULENCE
. LOW TURBULENCE
RT STEADY FLOW

LOW VACUUM

SN (PRESSURES BETWEEN 3.001 AND 1.0
TORR)
GS PRESSURE
. VACUUM
. LOW VACUUM
RT HIGH VACUUM

LOW VELOCITY

USE LOW SPEED

LOW VISIBILITY

GS VISIBILITY
. LOW VISIBILITY
RT AIRCRAFT LANDING
ALL-WEATHER LANDING SYSTEMS
HAZARDS
HAZE
INSTRUMENT FLIGHT RULES
LIGHT TRANSMISSION

LOW VOLTAGE

GS POTENTIAL ENERGY
. ELECTRIC POTENTIAL
. LOW VOLTAGE
RT LOW CURRENTS

LOW VOLUME RAMJET ENGINES

GS ENGINES
. AIR BREATHING ENGINES

LOW VOLUME RAMJET ENGINES--(cont.)

. . . GAS TURBINE ENGINES
. . . JET ENGINES
. . . RAMJET ENGINES
. . . LOW VOLUME RAMJET ENGINES
. . . INTERNAL COMBUSTION ENGINES
. . . GAS TURBINE ENGINES
. . . JET ENGINES
. . . RAMJET ENGINES
. . . LOW VOLUME RAMJET ENGINES
. . . TURBINE ENGINES
. . . GAS TURBINE ENGINES
. . . JET ENGINES
. . . RAMJET ENGINES
. . . LOW VOLUME RAMJET ENGINES

LOW WEIGHT

RT GRAVITATION
MICROGRAVITY
WEIGHTLESSNESS

∞ LOW WING AIRCRAFT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ∞ AIRCRAFT
AIRCRAFT CONFIGURATIONS
BEECH 99 AIRCRAFT
GENERAL AVIATION AIRCRAFT
HYPERSONIC AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
MONOPLANES
PASSENGER AIRCRAFT
TAILLESS AIRCRAFT
TRANSPORT AIRCRAFT
TURBOFAN AIRCRAFT
TURBOPROP AIRCRAFT

LOWER ATMOSPHERE

SN (ALTITUDE BELOW ABOUT 50 KM)
GS EARTH ATMOSPHERE
. LOWER ATMOSPHERE
. TROPOSPHERE
. TROPOPAUSE
RT BIOSPHERE
CHEMOSPHERE
HETEROSPHERE
HOMOSPHERE
INTASAT SATELLITE
LACATE (EXPERIMENT)
LOW ALTITUDE
MESOMETEOROLOGY
MIDDLE ATMOSPHERE

LOWER ATMOSPHERIC COMPOSITION

EXPERIMENT
USE LACATE (EXPERIMENT)

LOWER BODY NEGATIVE PRESSURE

GS HEMODYNAMICS
. LOWER BODY NEGATIVE PRESSURE
PRESSURE
. BLOOD PRESSURE
. LOWER BODY NEGATIVE PRESSURE
RT ACCELERATION STRESSES
(PHYSIOLOGY)
ARTIFICIAL GRAVITY
CARDIOVASCULAR SYSTEM
GRAVITATIONAL EFFECTS
ORTHOSTATIC TOLERANCE
SPACE FLIGHT STRESS
STRESS (PHYSIOLOGY)
WEIGHTLESSNESS

LOWER CALIFORNIA (MEXICO)

UF BAJA CALIFORNIA
RT MEXICO
NORTH AMERICA

LOWER IONOSPHERE

GS EARTH ATMOSPHERE
. UPPER ATMOSPHERE
. EARTH IONOSPHERE
. LOWER IONOSPHERE
. D REGION
RT E REGION

LOX (OXYGEN)

USE LIQUID OXYGEN

LOX-HYDROCARBON ROCKET ENGINES

USE OXYGEN-HYDROCARBON ROCKET
ENGINES

LOX-HYDROGEN ENGINES

USE HYDROGEN OXYGEN ENGINES

LPTR REACTOR

USE LIVERMORE POOL TYPE REACTOR

LQG CONTROL

USE LINEAR QUADRATIC GAUSSIAN
CONTROL

LQR

USE LINEAR QUADRATIC REGULATOR

LR CIRCUITS

USE RL CIRCUITS

LR-62-RM-2 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . . **LR-62-RM-2 ENGINE**
 RT BULLPUP B MISSILE
 BULLPUP MISSILES

LR-87-AJ-5 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . **LR-87-AJ-5 ENGINE**
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . . **LR-87-AJ-5 ENGINE**
 RT TITAN 1 ICBM

LR-91-AJ-5 ENGINE

UF XLR-91-AJ-5 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . . **LR-91-AJ-5 ENGINE**
 RT TITAN ICBM

LR-99 ENGINE

UF YLR-99-RM-1 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . . LIQUID PROPELLANT ROCKET
 ENGINES
 . . . **LR-99 ENGINE**
 RT X-15 AIRCRAFT

LRC CIRCUITS

USE RLC CIRCUITS

LRV (VEHICLE)

USE LUNAR ROVING VEHICLES

LSI

USE LARGE SCALE INTEGRATION

LSSM

UF LUNAR SURFACE SCIENTIFIC MODULES
 GS LUNAR SPACECRAFT
 . LUNAR LANDING MODULES
 . . LUNAR MODULE
 . . . **LSSM**
 MANNED SPACECRAFT
 . LUNAR MODULE
 . . **LSSM**
 MODULES
 . SPACECRAFT MODULES
 . . LANDING MODULES
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 **LSSM**
 SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 **LSSM**
 SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . . LANDING MODULES
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 **LSSM**
 RT APOLLO PROJECT
 LUNAR LABORATORIES
 ∞ SURFACES

LST

USE HUBBLE SPACE TELESCOPE

LTE (ASTRONOMY)

USE LOCAL THERMODYNAMIC EQUILIBRIUM

LTV AIRCRAFT

USE LING-TEMCO-VOUGHT AIRCRAFT

LUBRICANT TESTS

RT ENGINE TESTS
 HIGH TEMPERATURE TESTS
 LOW TEMPERATURE TESTS
 ∞ MATERIALS TESTS
 ∞ TESTS
 WEAR RESISTANCE

LUBRICANTS

GS **LUBRICANTS**
 . GAS LUBRICANTS
 . HIGH TEMPERATURE LUBRICANTS
 . LUBRICATING OILS
 . SOLID LUBRICANTS
 RT ADDITIVES
 BOUNDARY LUBRICATION
 GRAPHITE
 GREASES
 KEROLIN
 LIQUID METALS
 LUBRICATION
 LUBRICATION SYSTEMS
 MAINTENANCE
 OILS
 PETROLEUM PRODUCTS
 SQUEEZE FILMS

LUBRICATING OILS

GS LUBRICANTS
 . **LUBRICATING OILS**
 OILS
 RT **LUBRICATING OILS**
 DETERGENTS
 LUBRICATION
 MINERAL OILS
 PETROLEUM PRODUCTS
 SHALE OIL

LUBRICATION

GS **LUBRICATION**
 . BOUNDARY LUBRICATION
 . SELF LUBRICATION
 . SPACECRAFT LUBRICATION
 RT BEARINGS
 ELASTOHYDRODYNAMICS
 ENGINES
 FRICTION REDUCTION
 GEARS
 IMPREGNATING
 LIQUID BEARINGS
 LUBRICANTS
 LUBRICATING OILS
 LUBRICATION SYSTEMS
 MAINTENANCE
 SELF LUBRICATING MATERIALS
 SLIDING
 TRIBOLOGY

LUBRICATION SYSTEMS

RT AUTOMOBILES
 COOLING SYSTEMS
 INTERNAL COMBUSTION ENGINES
 LUBRICANTS
 LUBRICATION
 PUMPS
 ∞ SYSTEMS

LUCITE (TRADEMARK)

USE POLYMETHYL METHACRYLATE

LUDER BANDS

USE PLASTIC DEFORMATION
 YIELD POINT

LUDOX (TRADEMARK)

GS REFRACTORY MATERIALS
 . **LUDOX (TRADEMARK)**
 RT DENSIFICATION
 HEAT SHIELDING
 REENTRY SHIELDING
 SPACECRAFT CONSTRUCTION
 MATERIALS
 THERMAL PROTECTION
 TILES

LUGS

RT FASTENERS
 HOLDERS

LUGS--(cont.)

STUDS (STRUCTURAL MEMBERS)
 SUPPORTS

LUMBAR REGION

GS ANATOMY
 . **LUMBAR REGION**
 REGIONS
 RT **LUMBAR REGION**
 HUMAN BODY
 SCIATIC REGION

LUMBERING AREAS

USE FORESTS

LUMENS

GS PRESSURE
 . RADIATION PRESSURE
 . . **LUMENS**
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . **LUMENS**
 RT LIGHT (VISIBLE RADIATION)
 LUMINANCE
 LUMINESCENCE
 LUMINOSITY
 OPTICAL PROPERTIES
 RADIANCE

LUMINAIRES

UF ELECTROLUMINESCENT LAMPS
 LAMPS
 LIGHT BULBS
 LIGHTS
 GS LIGHTING EQUIPMENT
 . **LUMINAIRES**
 . . AIRCRAFT LIGHTS
 . . AIRPORT LIGHTS
 . . RUNWAY LIGHTS
 . . ARC LAMPS
 . . FLASH LAMPS
 . . . ALKALI VAPOR LAMPS
 . . MERCURY LAMPS
 . . QUARTZ LAMPS
 . . SEARCHLIGHTS
 . . XENON LAMPS
 RT BALLASTS (IMPEDANCES)
 BULBS
 FIXTURES
 ∞ FLARES
 ∞ GLOBES
 ILLUMINATING
 LIGHT (VISIBLE RADIATION)
 LIGHT SOURCES
 PROJECTORS
 VISUAL SIGNALS

LUMINANCE

SN (LIMITED TO EMISSION RATE PER UNIT
 AREA OF VISIBLE RADIATION)
 GS PRESSURE
 . RADIATION PRESSURE
 . . LUMINOUS INTENSITY
 . . . **LUMINANCE**
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . LUMINOUS INTENSITY
 **LUMINANCE**
 RT BRIGHTNESS
 GLARE
 ILLUMINANCE
 ILLUMINATING
 ∞ INTENSITY
 IRRADIANCE
 LIGHT (VISIBLE RADIATION)
 LUMENS
 OPTICAL PROPERTIES
 PHOTOMETRY
 SKY BRIGHTNESS
 SOLAR FLUX DENSITY
 STELLAR MAGNITUDE

LUMINESCENCE

UF GLOW
 NOCTILUCENCE
 GS EMISSION
 . LIGHT EMISSION
 . . **LUMINESCENCE**
 . . . BIOLUMINESCENCE
 . . . CATHODE GLOW
 . . . CATHODOLUMINESCENCE
 . . . CHEMILUMINESCENCE
 . . . ELECTROLUMINESCENCE

LUMINESCENCE--(cont.)

... FLUORESCENCE
 ... LASER INDUCED FLUORESCENCE
 ... PHOSPHORESCENCE
 ... RESONANCE FLUORESCENCE
 ... X RAY FLUORESCENCE
 ... LUNAR LUMINESCENCE
 ... OPTICAL RESONANCE
 ... PHOTOLUMINESCENCE
 ... TRIBOLUMINESCENCE
 ... X RAY FLUORESCENCE
 ... SHOCK WAVE LUMINESCENCE
 ... SONOLUMINESCENCE
 ... SPACECRAFT GLOW
 ... THERMOLUMINESCENCE

RT AFTERGLOWS
 ALKALI VAPOR LAMPS
 BRIGHTNESS
 ELECTRON-HOLE DROPS
 FRAUNHOFER LINE DISCRIMINATORS
 ∞ ILLUMINATION
 ILLUMINATORS
 INCANDESCENCE
 LIGHT (VISIBLE RADIATION)
 LIGHT EMITTING DIODES
 LUMENS
 LUMINOSITY
 LUMINOUS INTENSITY
 NOCTILUCENT CLOUDS
 OPTICAL TRANSITION
 PLASMA RADIATION
 STELLAR LUMINOSITY
 STOKES LAW OF RADIATION
 VISIBILITY

LUMINESCENT INTENSITY

USE LUMINOUS INTENSITY

LUMINOSITY

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . LUMINOSITY
 . . . STELLAR LUMINOSITY

RT BRIGHTNESS
 EMISSIVITY
 EMITTANCE
 ILLUMINANCE
 INCANDESCENCE
 LIGHT (VISIBLE RADIATION)
 LUMENS
 LUMINESCENCE
 MASS TO LIGHT RATIOS
 PHOSPHENE
 RADIANCE
 RADIANT FLUX DENSITY
 VISIBILITY

LUMINOUS FLUX DENSITY

USE LUMINOUS INTENSITY

LUMINOUS INTENSITY

SN (LIMITED TO EMISSION OR DETECTION
 RATE PER UNIT AREA OF VISIBLE
 RADIATION)
 LIGHT INTENSITY
 LUMINESCENT INTENSITY
 LUMINOUS FLUX DENSITY
 PRESSURE
 . RADIATION PRESSURE
 . . LUMINOUS INTENSITY
 . . . ILLUMINANCE
 . . . LUMINANCE
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . LUMINOUS INTENSITY
 . . . ILLUMINANCE
 . . . LUMINANCE

RT BL LACERTAE OBJECTS
 BRIGHTNESS
 EMITTANCE
 FLUX (RATE)
 INCANDESCENCE
 ∞ INTENSITY
 IRRADIANCE
 LIGHT (VISIBLE RADIATION)
 LUMINESCENCE
 MASS TO LIGHT RATIOS
 RADIANCE
 SEYFERT GALAXIES
 SOLAR FLUX DENSITY
 STELLAR MAGNITUDE

LUMPED PARAMETER SYSTEMS

RT LUMPING

LUMPED PARAMETER SYSTEMS--(cont.)

MATHEMATICAL MODELS
 MATRICES (MATHEMATICS)
 ∞ SYSTEMS

LUMPING

RT AGGLOMERATION
 COAGULATION
 COLLECTION
 COMPOSITION (PROPERTY)
 LUMPED PARAMETER SYSTEMS

LUNA LUNAR PROBES

USE LUNIK LUNAR PROBES

LUNAR ALBEDO

GS ALBEDO
 . LUNAR ALBEDO

RT ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH ALBEDO
 OPTICAL PROPERTIES
 SURFACE PROPERTIES

LUNAR ATMOSPHERE

UF LUNAR IONOSPHERE
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . LUNAR ENVIRONMENT
 . . . LUNAR ATMOSPHERE
 . . . SATELLITE ATMOSPHERES
 . . . LUNAR ATMOSPHERE

RT MOON
 PLANETARY ATMOSPHERES

LUNAR BASED EQUIPMENT

GS LUNAR BASED EQUIPMENT
 . LUNAR CONSTRUCTION EQUIPMENT
 . LUNAR EXCAVATION EQUIPMENT
 . LUNAR RETROREFLECTORS

RT ∞ EQUIPMENT
 LUNAR BASES
 LUNAR FLYING VEHICLES
 LUNAR LABORATORIES
 LUNAR LOGISTICS
 LUNAR MINING
 LUNAR SHELTERS
 LUNAR SURFACE VEHICLES

LUNAR BASES

GS SPACE BASES
 . LUNAR BASES

RT AEPS
 ∞ ASTRONAUTICS
 ∞ BASES
 LUNAR BASED EQUIPMENT
 LUNAR CONSTRUCTION EQUIPMENT
 LUNAR LABORATORIES
 LUNAR MINING
 MOON
 ORBITING LUNAR STATIONS
 SPACE COLONIES
 STATIONS
 TERRAFORMING

LUNAR CINEMATOGRAPHY

USE LUNAR PHOTOGRAPHY

LUNAR COMMUNICATION

GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . LUNAR COMMUNICATION
 . . . CIRCULUNAR COMMUNICATION

RT FACSIMILE COMMUNICATION
 INTERPLANETARY COMMUNICATION
 LASERS
 MOON
 OPTICAL COMMUNICATION
 RADAR
 RADIO COMMUNICATION
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION

LUNAR COMPOSITION

GS COMPOSITION (PROPERTY)
 . LUNAR COMPOSITION

RT LUNAR CORE
 MOON
 PRE-IMBRIAN PERIOD
 SELENOLOGY

LUNAR CONSTRUCTION EQUIPMENT

GS LUNAR BASED EQUIPMENT
 . LUNAR CONSTRUCTION EQUIPMENT

LUNAR CONSTRUCTION EQUIPMENT--(cont.)

RT LUNAR BASES
 LUNAR EXCAVATION EQUIPMENT
 LUNAR SHELTERS
 LUNAR SURFACE VEHICLES

LUNAR CORE

GS CORES
 . LUNAR CORE

RT LUNAR COMPOSITION
 LUNAR GEOLOGY
 PLANETARY CORES
 SELENOLOGY

LUNAR CRATERS

GS CRATERS
 . LUNAR CRATERS
 . . PTOLEMAEUS CRATER
 . . TYCHO CRATER

RT METEORITE CRATERS
 MOON
 PRE-IMBRIAN PERIOD
 SELENOGRAPHY
 SELENOLOGY

LUNAR CRUST

GS CRUSTS
 . LUNAR CRUST

RT EARTH CRUST
 MOON
 PLANETARY CRUSTS
 SELENOGRAPHY
 SELENOLOGY

LUNAR DUST

GS PARTICLES
 . DUST
 . . LUNAR DUST
 SOILS
 . LUNAR SOIL
 . . LUNAR DUST

RT MOON
 SELENOLOGY

LUNAR ECHOES

GS ECHOES
 . LUNAR ECHOES
 . . LUNAR RADAR ECHOES

RT RADIO ECHOES
 SELENOLOGY

LUNAR ECLIPSES

GS ECLIPSES
 . LUNAR ECLIPSES

RT MOON
 SELENOLOGY

LUNAR EFFECTS

UF LUNAR PERTURBATION
 GS LUNAR EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS
 . LUNAR TIDES

RT ∞ EFFECTS
 ORBIT PERTURBATION
 SELENOLOGY

LUNAR ENVIRONMENT

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . LUNAR ENVIRONMENT
 . . . LUNAR ATMOSPHERE

RT AEROSPACE ENVIRONMENTS
 BIOASTRONAUTICS
 EXOBIOLOGY
 LIFE SUPPORT SYSTEMS
 MOON
 PLANETARY ENVIRONMENTS
 SELENOLOGY
 TERRAFORMING
 THERMAL ENVIRONMENTS

LUNAR EQUATOR

GS EQUATORS
 . LUNAR EQUATOR

RT INFRARED IMAGERY
 RADAR IMAGERY
 SELENOLOGY

LUNAR ESCAPE DEVICES

RT ESCAPE CAPSULES
 ESCAPE ROCKETS

LUNAR EVOLUTION

GS EVOLUTION (DEVELOPMENT)

LUNAR EVOLUTION--(cont.)

. **LUNAR EVOLUTION**
 RT MOON
 PRE-IMBRIAN PERIOD
 SELENOLOGY
 SOLAR SYSTEM EVOLUTION

LUNAR EXCAVATION EQUIPMENT

GS LUNAR BASED EQUIPMENT
 . **LUNAR EXCAVATION EQUIPMENT**
 RT ∞ EQUIPMENT
 EXCAVATION
 LUNAR CONSTRUCTION EQUIPMENT
 LUNAR MINING
 LUNAR RESOURCES
 LUNAR SURFACE VEHICLES
 TRACTORS

LUNAR EXPLORATION

GS EXPLORATION
 . **LUNAR EXPLORATION**
 RT APOLLO LUNAR EXPERIMENT MODULE
 APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE
 APOLLO PROJECT
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 EASEP
 EXTRATERRESTRIAL RESOURCES
 LOCAL SCIENTIFIC SURVEY MODULE
 LUNAR RESOURCES
 MOON
 SELENOLOGY
 SPACE EXPLORATION

LUNAR EXPLORATION SYSTEM FOR APOLLO

UF LESA (LUNAR EXPLORATION SYSTEM)
 RT APOLLO PROJECT
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 ∞ SYSTEMS

LUNAR FAR SIDE

RT LIBRATION
 MOON
 SELENOLOGY

LUNAR FIGURE

RT SELENOLOGY

LUNAR FLIGHT

GS SPACE FLIGHT
 . **LUNAR FLIGHT**
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCUMLUNAR TRAJECTORIES
 CISELUNAR SPACE
 EARTH-MOON TRAJECTORIES
 ∞ FLIGHT
 FLYBY MISSIONS
 MOON-EARTH TRAJECTORIES
 ORBITS

LUNAR FLYING VEHICLES

RT ∞ FLIGHT VEHICLES
 LIFTING BODIES
 LUNAR BASED EQUIPMENT
 ∞ VEHICLES

LUNAR GEOLOGY

GS GEOLOGY
 . **LUNAR GEOLOGY**
 RT GEOMORPHOLOGY
 LUNAR CORE
 LUNAR MARIA
 LUNAR SEISMOGRAPHS
 MOON
 MOONQUAKES
 PLANETARY GEOLOGY
 PRE-IMBRIAN PERIOD
 REGOLITH
 SEISMOLOGY
 SELENOLOGY

LUNAR GRAVITATION

GS GRAVITATION
 . **LUNAR GRAVITATION**
 RT MOON
 PLANETARY GRAVITATION
 SELENOLOGY

LUNAR GRAVITATIONAL EFFECTS

GS GRAVITATIONAL EFFECTS
 . **LUNAR GRAVITATIONAL EFFECTS**
 LUNAR EFFECTS
 . **LUNAR GRAVITATIONAL EFFECTS**
 RT ∞ EFFECTS
 SELENOLOGY

LUNAR GRAVITY SIMULATOR

GS SIMULATORS
 . ENVIRONMENT SIMULATORS
 . **LUNAR GRAVITY SIMULATOR**
 RT GRAVITATION

LUNAR IONOSPHERE

USE LUNAR ATMOSPHERE

LUNAR LABORATORIES

GS LABORATORIES
 . **LUNAR LABORATORIES**
 . LUNAR RECEIVING LABORATORY
 RT LSSM
 LUNAR BASED EQUIPMENT
 LUNAR BASES
 LUNAR OBSERVATORIES
 SPACE LABORATORIES

LUNAR LANDING

GS LANDING
 . SPACECRAFT LANDING
 . **LUNAR LANDING**
 RT APOLLO LUNAR EXPERIMENT MODULE
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CRASH LANDING
 HARD LANDING
 PLANETARY LANDING
 SOFT LANDING
 SURVEYOR PROJECT

LUNAR LANDING MODULES

GS LUNAR SPACECRAFT
 . **LUNAR LANDING MODULES**
 . LUNAR MODULE
 . . . APOLLO LUNAR EXPERIMENT
 MODULE
 . . . LSSM
 . . . LUNAR MODULE 5
 . . . LUNAR MODULE 7
 MODULES
 . SPACECRAFT MODULES
 . . LANDING MODULES
 . . . **LUNAR LANDING MODULES**
 . . . LUNAR MODULE
 LSSM
 SOFT LANDING SPACECRAFT

LUNAR LANDING MODULES--(cont.)

. LANDING MODULES
 . . **LUNAR LANDING MODULES**
 . . . LUNAR MODULE
 APOLLO LUNAR EXPERIMENT
 MODULE
 LSSM
 LUNAR MODULE 5
 LUNAR MODULE 7
 SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . . LANDING MODULES
 . . . **LUNAR LANDING MODULES**
 . . . LUNAR MODULE
 LSSM
 RT APOLLO EXTENSION SYSTEM
 MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 REUSABLE SPACECRAFT
 UNMANNED SPACECRAFT

LUNAR LANDING SITES

GS SITES
 . LANDING SITES
 . . **LUNAR LANDING SITES**
 RT MOON
 SELENOGRAPHY

LUNAR LAUNCH

GS LAUNCHING
 . ROCKET LAUNCHING
 . . **LUNAR LAUNCH**
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 ORBITAL LAUNCHING
 SATURN PROJECT

LUNAR LIMB

RT LIBRATION
 ∞ LIMBS
 MOON
 PLANETARY LIMB
 SELENOLOGY

LUNAR LOGISTICS

GS LOGISTICS
 . **LUNAR LOGISTICS**
 RT LIFE SUPPORT SYSTEMS
 LUNAR BASED EQUIPMENT
 MANNED LUNAR SURFACE VEHICLES
 MATERIALS HANDLING

LUNAR LUMINESCENCE

GS EMISSION
 . LIGHT EMISSION
 . . LUMINESCENCE
 . . . **LUNAR LUMINESCENCE**
 RT MOON
 SELENOLOGY

LUNAR MAGNETIC FIELDS

GS MAGNETIC FIELDS
 . **LUNAR MAGNETIC FIELDS**
 RT MOON
 SELENOLOGY

LUNAR MANTLE

RT CRUSTS
 EARTH MANTLE
 PLANETARY MANTLES
 PLANETARY STRUCTURE
 REGOLITH
 SELENOLOGY

LUNAR MAPS

GS MAPS
 . **LUNAR MAPS**
 RT ASTRONOMICAL MAPS
 MOON
 SELENOGRAPHY

LUNAR MARIA

GS MARIA

LUNAR MARIA--(cont.)

RT **LUNAR MARIA**
 BASALT
 LUNAR GEOLOGY
 LUNAR ROCKS
 SELENOLOGY

LUNAR MINING

GS MINING
 . **LUNAR MINING**
 RT LUNAR BASED EQUIPMENT
 LUNAR BASES
 LUNAR EXCAVATION EQUIPMENT
 LUNAR RESOURCES
 LUNAR ROCKS
 LUNAR SOIL
 MINERAL DEPOSITS
 MINES (EXCAVATIONS)
 SPACE COMMERCIALIZATION
 SPACE INDUSTRIALIZATION
 STRIP MINING

LUNAR MOBILE LABORATORIES

UF MOLABS
 GS LABORATORIES
 . **LUNAR MOBILE LABORATORIES**
 SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . **LUNAR MOBILE LABORATORIES**
 RT APOLLO PROJECT
 MANNED LUNAR SURFACE VEHICLES
 SELENOGRAPHY

LUNAR MODULE

UF LEM (LUNAR MODULE)
 GS LUNAR SPACECRAFT
 . LUNAR LANDING MODULES
 . **LUNAR MODULE**
 . . . APOLLO LUNAR EXPERIMENT
 . . . MODULE
 . . . LSSM
 . . . LUNAR MODULE 5
 . . . LUNAR MODULE 7
 MANNED SPACECRAFT
 . **LUNAR MODULE**
 . . . APOLLO LUNAR EXPERIMENT
 . . . MODULE
 . . . LSSM
 . . . LUNAR MODULE 5
 . . . LUNAR MODULE 7
 MODULES
 . SPACECRAFT MODULES
 . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . **LUNAR MODULE**
 LSSM
 SOFT LANDING SPACECRAFT
 LANDING MODULES
 LUNAR LANDING MODULES
 . . . **LUNAR MODULE**
 APOLLO LUNAR EXPERIMENT
 MODULE
 LSSM
 LUNAR MODULE 5
 LUNAR MODULE 7
 SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . **LUNAR MODULE**
 LSSM
 RT APOLLO SPACECRAFT
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 ASCENT PROPULSION SYSTEMS

LUNAR MODULE ASCENT STAGE

RT ASCENT
 ASCENT TRAJECTORIES
 ROCKET ENGINES
 STAGE SEPARATION

LUNAR MODULE 5

GS LUNAR SPACECRAFT

LUNAR MODULE 5--(cont.)

. LUNAR LANDING MODULES
 . . LUNAR MODULE
 . . . **LUNAR MODULE 5**
 MANNED SPACECRAFT
 . LUNAR MODULE
 . . **LUNAR MODULE 5**
 SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 **LUNAR MODULE 5**
 RT APOLLO SPACECRAFT

LUNAR MODULE 7

GS LUNAR SPACECRAFT
 . LUNAR LANDING MODULES
 . . LUNAR MODULE
 . . . **LUNAR MODULE 7**
 MANNED SPACECRAFT
 . LUNAR MODULE
 . . **LUNAR MODULE 7**
 SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 **LUNAR MODULE 7**
 RT APOLLO SPACECRAFT

LUNAR OBSERVATORIES

GS OBSERVATORIES
 . **LUNAR OBSERVATORIES**
 RT ASTRONOMICAL OBSERVATORIES
 LUNAR LABORATORIES

LUNAR OCCULTATION

GS OCCULTATION
 . **LUNAR OCCULTATION**
 . . SOLAR ECLIPSES
 RT EXOSAT SATELLITE
 MOON
 SELENOLOGY
 STELLAR OCCULTATION

LUNAR ORBIT AND LANDING SIMULATORS

UF LOLA (SIMULATOR)
 GS SIMULATORS
 . **LUNAR ORBIT AND LANDING
 SIMULATORS**
 RT FLIGHT SIMULATORS
 TRAINING SIMULATORS

LUNAR ORBITAL RENDEZVOUS

UF LOR (RENDEZVOUS)
 GS MANEUVERS
 . ORBITAL RENDEZVOUS
 . **LUNAR ORBITAL RENDEZVOUS**
 RENDEZVOUS
 . SPACE RENDEZVOUS
 . . ORBITAL RENDEZVOUS
 . . . **LUNAR ORBITAL RENDEZVOUS**
 RT EARTH ORBITAL RENDEZVOUS
 ORBITAL MECHANICS
 SPACECRAFT TRAJECTORIES

LUNAR ORBITER

GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . **LUNAR ORBITER**
 . . . LUNAR ORBITER 1
 . . . LUNAR ORBITER 2
 . . . LUNAR ORBITER 3
 . . . LUNAR ORBITER 4
 . . . LUNAR ORBITER 5
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . **LUNAR ORBITER**
 . . . LUNAR ORBITER 1
 . . . LUNAR ORBITER 2
 . . . LUNAR ORBITER 3
 . . . LUNAR ORBITER 4
 . . . LUNAR ORBITER 5

LUNAR ORBITER A

USE LUNAR ORBITER 1

LUNAR ORBITER B

USE LUNAR ORBITER 2

LUNAR ORBITER C

USE LUNAR ORBITER 3

LUNAR ORBITER D

USE LUNAR ORBITER 4

LUNAR ORBITER E

USE LUNAR ORBITER 5

LUNAR ORBITER 1

UF LUNAR ORBITER A
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 1**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 1**

LUNAR ORBITER 2

UF LUNAR ORBITER B
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 2**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 2**

LUNAR ORBITER 3

UF LUNAR ORBITER C
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 3**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 3**

LUNAR ORBITER 4

UF LUNAR ORBITER D
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 4**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 4**

LUNAR ORBITER 5

UF LUNAR ORBITER E
 GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 5**
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . LUNAR ORBITER
 . . . **LUNAR ORBITER 5**

LUNAR ORBITS

UF EVECTION
 GS ORBITS
 . **LUNAR ORBITS**
 RT ARTIFICIAL SATELLITES
 CIRCULAR ORBITS
 CIRCUMLUNAR TRAJECTORIES
 CISLUNAR SPACE
 COMMAND SERVICE MODULES
 EARTH ORBITS
 EARTH-MOON TRAJECTORIES
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 LISSAJOUS FIGURES
 MOON
 ORBITAL MECHANICS
 PARKING ORBITS
 PERILUNES
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 TRANSFER ORBITS

LUNAR PERTURBATION

USE LUNAR EFFECTS

LUNAR PHASES

RT MOON
 . PHASES
 . . SELENOLOGY
 . . . TERMINATOR LINES

LUNAR PHOTOGRAPHS

GS PHOTOGRAPHS
 . **LUNAR PHOTOGRAPHS**
 RT ASTRONOMICAL PHOTOGRAPHY

LUNAR PHOTOGRAPHS--(cont.)

PHOTOGRAPHY
RANGER PROJECT
SPACEBORNE PHOTOGRAPHY

LUNAR PHOTOGRAPHY

UF LUNAR CINEMATOGRAPHY
GS IMAGERY
 . LUNAR PHOTOGRAPHY
 PHOTOGRAPHY
 . LUNAR PHOTOGRAPHY
RT ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
INFRARED PHOTOGRAPHY
MOON
RANGER PROJECT
SPACEBORNE PHOTOGRAPHY

LUNAR PROBES

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 . LUNIK 2 LUNAR PROBE
 . LUNIK 3 LUNAR PROBE
 . LUNIK 9 LUNAR PROBE
 . LUNIK 10 LUNAR PROBE
 . LUNIK 11 LUNAR PROBE
 . LUNIK 12 LUNAR PROBE
 . LUNIK 13 LUNAR PROBE
 . LUNIK 14 LUNAR PROBE
 . LUNIK 16 LUNAR PROBE
 . LUNIK 17 LUNAR PROBE
 . LUNIK 19 LUNAR PROBE
 . LUNIK 20 LUNAR PROBE
 . LUNIK 22 LUNAR PROBE
 . RANGER LUNAR PROBES
 . RANGER LUNAR LANDING
 VEHICLES
 . RANGER 1 LUNAR PROBE
 . RANGER 2 LUNAR PROBE
 . RANGER 3 LUNAR PROBE
 . RANGER 4 LUNAR PROBE
 . RANGER 5 LUNAR PROBE
 . RANGER 6 LUNAR PROBE
 . RANGER 7 LUNAR PROBE
 . RANGER 8 LUNAR PROBE
 . RANGER 9 LUNAR PROBE
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 1 LUNAR PROBE
 . SURVEYOR 2 LUNAR PROBE
 . SURVEYOR 3 LUNAR PROBE
 . SURVEYOR 4 LUNAR PROBE
 . SURVEYOR 5 LUNAR PROBE
 . SURVEYOR 6 LUNAR PROBE
 . SURVEYOR 7 LUNAR PROBE
UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 . LUNIK 2 LUNAR PROBE
 . LUNIK 3 LUNAR PROBE
 . LUNIK 9 LUNAR PROBE
 . LUNIK 10 LUNAR PROBE
 . LUNIK 11 LUNAR PROBE
 . LUNIK 12 LUNAR PROBE
 . LUNIK 13 LUNAR PROBE
 . LUNIK 14 LUNAR PROBE
 . LUNIK 16 LUNAR PROBE
 . LUNIK 17 LUNAR PROBE
 . LUNIK 19 LUNAR PROBE
 . LUNIK 20 LUNAR PROBE
 . LUNIK 22 LUNAR PROBE
 . RANGER LUNAR PROBES
 . RANGER LUNAR LANDING
 VEHICLES
 . RANGER 1 LUNAR PROBE
 . RANGER 2 LUNAR PROBE
 . RANGER 3 LUNAR PROBE
 . RANGER 4 LUNAR PROBE
 . RANGER 5 LUNAR PROBE
 . RANGER 6 LUNAR PROBE
 . RANGER 7 LUNAR PROBE
 . RANGER 8 LUNAR PROBE
 . RANGER 9 LUNAR PROBE
 . SURVEYOR LUNAR PROBES
 . SURVEYOR 1 LUNAR PROBE
 . SURVEYOR 2 LUNAR PROBE
 . SURVEYOR 3 LUNAR PROBE
 . SURVEYOR 4 LUNAR PROBE
 . SURVEYOR 5 LUNAR PROBE
 . SURVEYOR 6 LUNAR PROBE
 . SURVEYOR 7 LUNAR PROBE
RT APOLLO PROJECT
ATLAS ABL 5 LAUNCH VEHICLE
MANEUVERABLE SPACECRAFT

LUNAR PROBES--(cont.)

PIONEER PROJECT
RANGER PROJECT
SOFT LANDING SPACECRAFT
SURVEYOR PROJECT

LUNAR PROGRAMS

GS PROGRAMS
 . LUNAR PROGRAMS
 . APOLLO PROJECT
 . SURVEYOR PROJECT

LUNAR RADAR ECHOES

UF LUNAR SCATTERING
GS ECHOES
 . LUNAR ECHOES
 . LUNAR RADAR ECHOES
 . RADAR ECHOES
 . LUNAR RADAR ECHOES
RT SELENOLOGY

LUNAR RADIATION

GS EXTRATERRESTRIAL RADIATION
 . LUNAR RADIATION
RT ∞ RADIATION
 . SELENOLOGY

LUNAR RANGEFINDING

GS RANGEFINDING
 . LUNAR RANGEFINDING
RT DISTANCE MEASURING EQUIPMENT
LASER RANGE FINDERS
MEASURING INSTRUMENTS
OPTICAL RANGE FINDERS
RANGE FINDERS

LUNAR RAYS

SN (EXCLUDES RADIATION)
RT METEORITE CRATERS
MOON
 ∞ RAYS
 . SELENOGRAPHY

LUNAR RECEIVING LABORATORY

GS LABORATORIES
 . LUNAR LABORATORIES
 . LUNAR RECEIVING LABORATORY

LUNAR RESOURCES

GS RESOURCES
 . EXTRATERRESTRIAL RESOURCES
 . LUNAR RESOURCES
RT LUNAR EXCAVATION EQUIPMENT
LUNAR EXPLORATION
LUNAR MINING
LUNAR ROCKS
LUNAR SOIL
LUNAR SURFACE

LUNAR RETROREFLECTORS

GS LUNAR BASED EQUIPMENT
 . LUNAR RETROREFLECTORS
RT APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
EARTH-MOON SYSTEM
GEODESY
LASER RANGE FINDERS
RETROREFLECTION
U.S.S.R. SPACE PROGRAM

LUNAR ROCKS

GS ROCKS
 . LUNAR ROCKS
RT KREEP
GABBRO
IMPACT MELTS
LUNAR MARIA
LUNAR MINING
LUNAR RESOURCES
PARTICLE TRACKS
PRE-IMBRIAN PERIOD
REGOLITH
SELENOGRAPHY
SELENOLOGY

LUNAR ROTATION

GS ROTATING BODIES
 . LUNAR ROTATION
RT CENTER OF GRAVITY
SELENOLOGY
SPIN DYNAMICS

LUNAR ROVING VEHICLES

UF LRV (VEHICLE)

LUNAR ROVING VEHICLES--(cont.)

GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . LUNAR ROVING VEHICLES
 . LUNOKHOD LUNAR ROVING
 VEHICLES
 . MANNED LUNAR SURFACE
 VEHICLES
 . ROVING VEHICLES
 . LUNAR ROVING VEHICLES
 . LUNOKHOD LUNAR ROVING
 VEHICLES
RT PROVING
RESEARCH VEHICLES
 ∞ VEHICLES

LUNAR SATELLITES

GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . EXPLORER 18 SATELLITE
 . EXPLORER 28 SATELLITE
 . IMP
 . LUNAR ORBITER
 . LUNAR ORBITER 1
 . LUNAR ORBITER 2
 . LUNAR ORBITER 3
 . LUNAR ORBITER 4
 . LUNAR ORBITER 5
 . ORBITING LUNAR STATIONS
LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . EXPLORER 18 SATELLITE
 . EXPLORER 28 SATELLITE
 . IMP
 . LUNAR ORBITER
 . LUNAR ORBITER 1
 . LUNAR ORBITER 2
 . LUNAR ORBITER 3
 . LUNAR ORBITER 4
 . LUNAR ORBITER 5
 . ORBITING LUNAR STATIONS
RT MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
PERILUNES
POLAR ORBITS
UNMANNED SPACECRAFT

LUNAR SCATTERING

USE DIFFUSE RADIATION
LUNAR RADAR ECHOES

LUNAR SEISMOGRAPHS

GS MEASURING INSTRUMENTS
 . VIBRATION METERS
 . SEISMOGRAPHS
 . LUNAR SEISMOGRAPHS
RECORDING INSTRUMENTS
 . SEISMOGRAPHS
 . LUNAR SEISMOGRAPHS
RT LUNAR GEOLOGY
SELENOLOGY

LUNAR SHADOW

GS SHADOWS
 . LUNAR SHADOW
RT ECLIPSES
MOON
SELENOLOGY
SOLAR ECLIPSES

LUNAR SHELTERS

GS SHELTERS
 . LUNAR SHELTERS
RT INFLATABLE STRUCTURES
LIFE SUPPORT SYSTEMS
LUNAR BASED EQUIPMENT
LUNAR CONSTRUCTION EQUIPMENT
SPACE COLONIES
SURVIVAL
 ∞ TUNNELS

LUNAR SOIL

GS SOILS
 . LUNAR SOIL
 . LUNAR DUST
RT KREEP
LUNAR MINING
LUNAR RESOURCES
MINERALS
MOON
PENETROMETERS
SELENOLOGY

LUNAR SPACECRAFT

GS LUNAR SPACECRAFT

LUNAR SPACECRAFT--(cont.)

. APOLLO SPACECRAFT
 . APOLLO LUNAR EXPERIMENT
 MODULE
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . . APOLLO LUNAR EXPERIMENT
 MODULE
 . . . LSSM
 . . . LUNAR MODULE 5
 . . . LUNAR MODULE 7
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 . . . LUNIK 3 LUNAR PROBE
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 . . . LUNIK 22 LUNAR PROBE
 . RANGER LUNAR PROBES
 . . RANGER LUNAR LANDING
 VEHICLES
 . . . RANGER 1 LUNAR PROBE
 . . . RANGER 2 LUNAR PROBE
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 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
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 . . . SURVEYOR 4 LUNAR PROBE
 . . . SURVEYOR 5 LUNAR PROBE
 . . . SURVEYOR 6 LUNAR PROBE
 . . . SURVEYOR 7 LUNAR PROBE
 . LUNAR SATELLITES
 . . EXPLORER 18 SATELLITE
 . . EXPLORER 28 SATELLITE
 . . IMP
 . . LUNAR ORBITER
 . . . LUNAR ORBITER 1
 . . . LUNAR ORBITER 2
 . . . LUNAR ORBITER 3
 . . . LUNAR ORBITER 4
 . . . LUNAR ORBITER 5
 . . ORBITING LUNAR STATIONS
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 ARTIFICIAL SATELLITES
 HALO ORBIT SPACE STATION
 MANNED SPACECRAFT
 RENDEZVOUS SPACECRAFT
 SPACE CAPSULES
 ∞ SPACECRAFT
 SURVEYOR PROJECT
 UNMANNED SPACECRAFT

LUNAR SURFACE

GS SATELLITE SURFACES
 . LUNAR SURFACE
 RT LUNAR RESOURCES
 SELENOLOGY
 SURFACE LAYERS
 SURFACE PROPERTIES
 ∞ SURFACES

LUNAR SURFACE SCIENTIFIC MODULES

USE LSSM

LUNAR SURFACE VEHICLES

GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . LUNAR MOBILE LABORATORIES
 . LUNAR ROVING VEHICLES
 . . LUNOKHOD LUNAR ROVING
 VEHICLES
 . . MANNED LUNAR SURFACE
 VEHICLES
 RT CRAWLER TRACTORS
 LUNAR BASED EQUIPMENT
 LUNAR CONSTRUCTION EQUIPMENT
 LUNAR EXCAVATION EQUIPMENT
 ∞ SURFACES
 ∞ VEHICLES

LUNAR SURFACE VEHICLES--(cont.)

WALKING MACHINES

LUNAR TEMPERATURE

GS TEMPERATURE
 . LUNAR TEMPERATURE
 RT HIGH TEMPERATURE ENVIRONMENTS
 LOW TEMPERATURE ENVIRONMENTS
 MOON
 SELENOLOGY

LUNAR TIDES

GS LUNAR EFFECTS
 . LUNAR TIDES
 TIDES
 . LUNAR TIDES
 RT ATMOSPHERIC TIDES
 EARTH TIDES
 MOONQUAKES
 SELENOLOGY

LUNAR TOPOGRAPHY

GS TOPOGRAPHY
 . LUNAR TOPOGRAPHY
 RT MOON
 SELENOGRAPHY
 SELENOLOGY
 SURFACE PROPERTIES
 SURFACE ROUGHNESS

LUNAR TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . LUNAR TRAJECTORIES
 . . CIRCUMLUNAR TRAJECTORIES
 . . EARTH-MOON TRAJECTORIES
 . . MOON-EARTH TRAJECTORIES
 RT PARKING ORBITS
 TRANSFER ORBITS

LUNATION

USE MONTH

LUNEBERG LENSES

USE RADAR CORNER REFLECTORS

LUNG MORPHOLOGY

GS MORPHOLOGY
 . LUNG MORPHOLOGY
 RT ALVEOLI
 PULMONARY LESIONS
 RESPIRATORY DISEASES

LUNGS

GS ANATOMY
 . RESPIRATORY SYSTEM
 . . LUNGS
 . . . ALVEOLI
 RT ALVEOLAR AIR
 ATELECTASIS
 BRONCHI
 PLEURAE
 PNEUMOGRAPHY
 PNEUMOTHORAX
 PULMONARY CIRCULATION
 PULMONARY FUNCTIONS
 PULMONARY LESIONS
 SPIROMETERS

LUNIK LUNAR PROBES

UF LUNA LUNAR PROBES
 GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 . . . LUNIK 3 LUNAR PROBE
 . . . LUNIK 9 LUNAR PROBE
 . . . LUNIK 10 LUNAR PROBE
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 . . . LUNIK 22 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . LUNIK 2 LUNAR PROBE
 . . LUNIK 3 LUNAR PROBE
 . . LUNIK 9 LUNAR PROBE
 . . LUNIK 10 LUNAR PROBE
 . . LUNIK 11 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 . . . LUNIK 3 LUNAR PROBE
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 . . . LUNIK 11 LUNAR PROBE

LUNIK LUNAR PROBES--(cont.)

. . LUNIK 12 LUNAR PROBE
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 . . LUNIK 20 LUNAR PROBE
 . . LUNIK 22 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 . . . LUNIK 3 LUNAR PROBE
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 . . . LUNIK 16 LUNAR PROBE
 . . . LUNIK 17 LUNAR PROBE
 . . . LUNIK 19 LUNAR PROBE
 . . . LUNIK 20 LUNAR PROBE
 . . . LUNIK 22 LUNAR PROBE
 RT LUNOKHOD LUNAR ROVING VEHICLES
 U.S.S.R. SPACE PROGRAM

LUNIK 2 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . LUNIK 2 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE

LUNIK 3 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 3 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . LUNIK 3 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 3 LUNAR PROBE

LUNIK 9 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 9 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . LUNIK 9 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 9 LUNAR PROBE

LUNIK 10 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 10 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . LUNIK 10 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 10 LUNAR PROBE

LUNIK 11 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . LUNIK LUNAR PROBES
 . . . LUNIK 11 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . LUNIK 11 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES

LUNIK 11 LUNAR PROBE--(cont.)

.. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 **LUNIK 11 LUNAR PROBE**

LUNIK 12 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 12 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 12 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 12 LUNAR PROBE**

LUNIK 13 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 13 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 13 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 13 LUNAR PROBE**

LUNIK 14 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 14 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 14 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 14 LUNAR PROBE**

LUNIK 16 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 16 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 16 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 16 LUNAR PROBE**

LUNIK 17 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 17 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 17 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 17 LUNAR PROBE**

LUNIK 19 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 19 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 19 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 19 LUNAR PROBE**
 RT U.S.S.R. SPACE PROGRAM

LUNIK 20 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 20 LUNAR PROBE**

LUNIK 20 LUNAR PROBE--(cont.)

SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 .. **LUNIK 20 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 20 LUNAR PROBE**

LUNIK 22 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 .. **LUNIK 22 LUNAR PROBE**
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . **LUNIK 22 LUNAR PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . LUNAR PROBES
 . LUNIK LUNAR PROBES
 **LUNIK 22 LUNAR PROBE**
 RT U.S.S.R. SPACE PROGRAM

LUNOKHOD LUNAR ROVING VEHICLES

GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . LUNAR ROVING VEHICLES
 .. **LUNOKHOD LUNAR ROVING VEHICLES**
 . ROVING VEHICLES
 . LUNAR ROVING VEHICLES
 .. **LUNOKHOD LUNAR ROVING VEHICLES**
 RT LUNIK LUNAR PROBES
 U.S.S.R. SPACE PROGRAM
 ∞ VEHICLES

LUSTER

UF DULLNESS
 RT BRIGHTNESS
 FINISHES
 GLARE
 REFLECTANCE

LUTETIUM

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 .. **LUTETIUM**
 . LUTETIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . **LUTETIUM**
 . LUTETIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . **LUTETIUM**
 . LUTETIUM ISOTOPES

LUTETIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . **LUTETIUM COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

LUTETIUM ISOTOPES

UF LUTETIUM 176
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 .. **LUTETIUM**
 . LUTETIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . **LUTETIUM**
 . LUTETIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . **LUTETIUM**
 . LUTETIUM ISOTOPES

LUTETIUM 176

USE LUTETIUM ISOTOPES

LUXEMBOURG

GS NATIONS
 . **LUXEMBOURG**
 RT EUROPE
 LUXEMBOURG SPACE PROGRAM

LUXEMBOURG EFFECT

RT ∞ EFFECTS
 IONOSPHERIC CROSS MODULATION
 IONOSPHERIC PROPAGATION

LUXEMBOURG SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . EUROPEAN SPACE PROGRAMS
 .. **LUXEMBOURG SPACE PROGRAM**
 RT LUXEMBOURG

LYAPUNOV FUNCTIONS

USE LIAPUNOV FUNCTIONS

LYBIA

USE LIBYA

LYMAN ALPHA RADIATION

GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 . FAR ULTRAVIOLET RADIATION
 .. **LYMAN ALPHA RADIATION**
 RT ATOMIC SPECTRA
 EXTRATERRESTRIAL RADIATION
 POLARIZED ELECTROMAGNETIC RADIATION
 ∞ RADIATION
 ULTRAVIOLET ASTRONOMY

LYMAN BETA RADIATION

GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 . FAR ULTRAVIOLET RADIATION
 .. **LYMAN BETA RADIATION**
 RT ATOMIC SPECTRA
 EXTRATERRESTRIAL RADIATION
 POLARIZED ELECTROMAGNETIC RADIATION
 ∞ RADIATION
 ULTRAVIOLET ASTRONOMY

LYMAN SPECTRA

GS SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . LINE SPECTRA
 .. **LYMAN SPECTRA**
 RT ATOMIC SPECTRA
 ELECTRONIC SPECTRA
 EMISSION SPECTRA
 H LINES
 SOLAR SPECTRA
 SPECTRAL THEORY
 ULTRAVIOLET SPECTRA

LYMPH

GS BODY FLUIDS
 . **LYMPH**
 RT LYMPHOCYTES

LYMPHOCYTES

GS CELLS (BIOLOGY)
 . BLOOD CELLS
 . LEUKOCYTES
 .. **LYMPHOCYTES**
 RT IMMUNE SYSTEMS
 LYMPH

LYOPHILIZATION

USE COLLOIDING

LYOPHILS

USE COLLOIDS

LYRA CONSTELLATION

GS CONSTELLATIONS
 . **LYRA CONSTELLATION**
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

LYSERGINE

GS BASES (CHEMICAL)
 . ALKALOIDS
 . **LYSERGINE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . **LYSERGINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . HETEROCYCLIC COMPOUNDS
 . ALKALOIDS
 **LYSERGINE**

LYSIMETERS

RT GROUND WATER
 MOISTURE CONTENT
 PERCOLATION

LYSIMETERS--(cont.)

SOIL MOISTURE
SOILS
WATER BALANCE
WATER POLLUTION

LYSINE

GS ACIDS
. AMINO ACIDS
. **LYSINE**
. CARBOXYLIC ACIDS
. **LYSINE**
ORGANIC COMPOUNDS
. AMINO ACIDS
. **LYSINE**
. CARBOXYLIC ACIDS
. **LYSINE**
RT DIGESTING
LYSOGENESIS

LYSOGENESIS

RT DISINTEGRATION
LYSINE

LYSOSOMES

GS ORGANELLES
. **LYSOSOMES**
RT CELLS (BIOLOGY)
CYTOLOGY
ENZYME ACTIVITY
LYSOZYME

LYSOZYME

GS BIOPOLYMERS
. PROTEINS
. ENZYMES
. **LYSOZYME**
ORGANIC COMPOUNDS
. PROTEINS
. ENZYMES
. **LYSOZYME**
RT BODY FLUIDS
LYSOSOMES

LZEEBE SATELLITE

UF EARTH ENERGY BUDGET EXPERIMENT
LONG TERM ZONAL EARTH ENERGY
EXPERIMENT
ZONAL EARTH ENERGY BUDGET
EXPERIMENT
GS ARTIFICIAL SATELLITES
. SCIENTIFIC SATELLITES
. **LZEEBE SATELLITE**

M**M REGION**

GS REGIONS
. **M REGION**
RT GEOMAGNETISM
SOLAR ATMOSPHERE
SOLAR CORPUSCULAR RADIATION
SOLAR WIND

M STARS

GS CELESTIAL BODIES
. STARS
. LATE STARS
. COOL STARS
. **M STARS**
. VAN BIESBROECK STAR
RT ASYMPTOTIC GIANT BRANCH STARS
FLARE STARS
GIANT STARS
MAIN SEQUENCE STARS
MIRA VARIABLES
RED GIANT STARS
S STARS
SUBGIANT STARS
SUPERGIANT STARS
SYMBIOTIC STARS

M WINGS

USE VARIABLE SWEEP WINGS

M-1 ENGINE

UF AJ-1000 ENGINE
GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. **M-1 ENGINE**

M-1 ENGINE--(cont.)

. LIQUID PROPELLANT ROCKET
ENGINES
. HYDROGEN OXYGEN ENGINES
. **M-1 ENGINE**
RT NOVA LAUNCH VEHICLES
SATURN 1 LAUNCH VEHICLES
SATURN 1B LAUNCH VEHICLES

M-2 LIFTING BODY

GS LIFTING BODIES
. LIFTING REENTRY VEHICLES
. **M-2 LIFTING BODY**
. M-2F2 LIFTING BODY
REENTRY VEHICLES
. MANEUVERABLE REENTRY BODIES
. LIFTING REENTRY VEHICLES
. **M-2 LIFTING BODY**
. M-2F2 LIFTING BODY

M-2F2 LIFTING BODY

GS LIFTING BODIES
. LIFTING REENTRY VEHICLES
. M-2 LIFTING BODY
. **M-2F2 LIFTING BODY**
REENTRY VEHICLES
. MANEUVERABLE REENTRY BODIES
. LIFTING REENTRY VEHICLES
. M-2 LIFTING BODY
. **M-2F2 LIFTING BODY**

M-2F3 LIFTING BODY

GS LIFTING BODIES
. **M-2F3 LIFTING BODY**

M-46 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. **M-46 ENGINE**
RT FALCON MISSILE

M-55 ENGINE

GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. **M-55 ENGINE**
. SOLID PROPELLANT ROCKET
ENGINES
. **M-55 ENGINE**
RT MINUTEMAN ICBM

M-56 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. **M-56 ENGINE**
RT MINUTEMAN ICBM

M-57 ENGINE

GS ENGINES
. ROCKET ENGINES
. SOLID PROPELLANT ROCKET
ENGINES
. **M-57 ENGINE**
RT MINUTEMAN ICBM

M-100 ENGINE

GS ENGINES
. ROCKET ENGINES
. **M-100 ENGINE**

MA-2 ENGINE

GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. **MA-2 ENGINE**
. LIQUID PROPELLANT ROCKET
ENGINES
. **MA-2 ENGINE**
RT ATLAS ICBM
VERNIER ENGINES

MA-2 MISSION

USE MERCURY MA-2 FLIGHT

MA-3 ENGINE

GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. **MA-3 ENGINE**

MACH-ZEHNDER INTERFEROMETERS**MA-3 ENGINE--(cont.)**

. LIQUID PROPELLANT ROCKET
ENGINES
. **MA-3 ENGINE**
RT ATLAS ICBM
VERNIER ENGINES

MA-3 FLIGHT

USE MERCURY MA-3 FLIGHT

MA-4 FLIGHT

USE MERCURY MA-4 FLIGHT

MA-5 ENGINE

GS ENGINES
. ROCKET ENGINES
. BOOSTER ROCKET ENGINES
. **MA-5 ENGINE**
. LIQUID PROPELLANT ROCKET
ENGINES
. **MA-5 ENGINE**
RT ATLAS LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
VERNIER ENGINES

MA-5 FLIGHT

USE MERCURY MA-5 FLIGHT

MA-8 FLIGHT

USE MERCURY MA-8 FLIGHT

MA-9 FLIGHT

USE MERCURY MA-9 FLIGHT

MAARS

USE CRATERS

MACE MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. **MACE MISSILES**
RT BOOSTER ROCKET ENGINES
J-33 ENGINE
SOLID PROPELLANT ROCKET ENGINES
TURBOJET ENGINES

MACH CONES

GS ELASTIC WAVES
. SHOCK WAVES
. **MACH CONES**
RT ACOUSTIC VELOCITY
BOW WAVES
CONES
HYPERSONIC SHOCK
SOUND WAVES
SUPERSONIC FLIGHT
SUPERSONIC FLOW
SUPERSONICS

MACH INERTIA PRINCIPLE

GS INERTIA
. INERTIA PRINCIPLE
. **MACH INERTIA PRINCIPLE**
RT EQUATIONS OF MOTION
MOMENTS OF INERTIA

MACH NUMBER

UF CRITICAL MACH NUMBER
GLAUERT COEFFICIENT
RATIOS
. DIMENSIONLESS NUMBERS
. **MACH NUMBER**
RT ACOUSTIC VELOCITY
AERODYNAMICS
AIRSPEED
SHOCK WAVES
SUPERHARMONICS
SWEEP ANGLE

MACH REFLECTION

GS REFLECTION
. WAVE REFLECTION
. **MACH REFLECTION**
RT SHOCK WAVES

MACH-ZEHNDER INTERFEROMETERS

GS MEASURING INSTRUMENTS
. INTERFEROMETERS
. **MACH-ZEHNDER INTERFEROMETERS**
RT AERODYNAMICS
ARGON LASERS
CARBON DIOXIDE LASERS
DIFFRACTOMETERS
GAS LASERS

MACH-ZEHNDER INTERFEROMETERS--(cont.)

GONIOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SCHLIEREN PHOTOGRAPHY

MACHINE LEARNING

UF LEARNING MACHINES
GS AUTOMATIC CONTROL
ADAPTIVE CONTROL
MACHINE LEARNING
RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
CYBERNETICS
FEEDBACK CONTROL
MACHINERY
SELF ORGANIZING SYSTEMS
TEACHING MACHINES

MACHINE LIFE

USE SERVICE LIFE

MACHINE ORIENTED LANGUAGES

GS LANGUAGES
PROGRAMMING LANGUAGES
MACHINE ORIENTED LANGUAGES
MARVS (PROGRAMMING LANGUAGE)
RT ALGOL
ASSEMBLY LANGUAGE
AUTOCODERS
LANGUAGE PROGRAMMING
PL/1

MACHINE RECOGNITION

USE ARTIFICIAL INTELLIGENCE

MACHINE STORAGE

USE COMPUTER STORAGE DEVICES
CORE STORAGE

MACHINE TOOLS

GS TOOLS
MACHINE TOOLS
BORING MACHINES
GRINDING MACHINES
LATHES
TURRET LATHES
MILLING MACHINES
SHAPERS
RT CUTTERS
DIES
DRILLS
MACHINERY
MACHINING
MANDRELS
MECHANICAL DEVICES
MECHANICAL ENGINEERING
METAL CUTTING
NUMERICAL CONTROL
PRESSES
PUNCHES
SAWS
SHEARS
TAPS
ULTRASONIC CLEANING

MACHINE TRANSLATION

GS LINGUISTICS
MACHINE TRANSLATION
TRANSLATING
MACHINE TRANSLATION
RT COMPUTER PROGRAMS
INFORMATION THEORY
LANGUAGE PROGRAMMING
LANGUAGES
NATURAL LANGUAGE PROCESSING

MACHINE VISION

USE COMPUTER VISION

MACHINE-INDEPENDENT PROGRAMS

GS COMPUTER PROGRAMS
MACHINE-INDEPENDENT PROGRAMS
RT COMPUTER PROGRAMMING
COMPUTERS
MULTIPROGRAMMING

MACHINERY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BORING MACHINES
COMPUTERS

MACHINERY--(cont.)

DRAFTING MACHINES
ENGINES
FATIGUE TESTING MACHINES
GRINDING MACHINES
GROUND EFFECT MACHINES
IMPACT TESTING MACHINES
LEVERS
LOAD TESTING MACHINES
MACHINE LEARNING
MACHINE TOOLS
MECHANICAL ENGINEERING
MECHANISM
MECHANIZATION
MILLING MACHINES
POSITIONING DEVICES (MACHINERY)
REFRIGERATING MACHINERY
ROTATING ELECTRICAL MACHINES
SELF FOCUSING
TEACHING MACHINES
TIDE POWERED MACHINES
TOOLS
TURBOMACHINERY
TURNING MACHINES
VIBRATION SIMULATORS
WALKING MACHINES
WATERWAVE POWERED MACHINES
WELDING MACHINES
WINDMILLS (WINDPOWERED MACHINES)

MACHINING

UF MATERIAL REMOVAL (MACHINING)
GS MACHINING
CHEMICAL MACHINING
ELECTROCHEMICAL MACHINING
HOT MACHINING
MICROMACHINING
MILLING (MACHINING)
SPARK MACHINING
ULTRASONIC MACHINING
RT CUT-OFF
CUTTING
DRILLING
FINISHES
FORMING TECHNIQUES
GRINDING (MATERIAL REMOVAL)
GROOVING
KNURLING
LASER CUTTING
MACHINE TOOLS
METAL CUTTING
METAL WORKING
PLANING
RESIDUAL STRESS
SETUPS
SURFACE FINISHING
SURFACE ROUGHNESS
TOOLING
V GROOVES

MACINTOSH PC

USE MACINTOSH PERSONAL COMPUTERS

MACINTOSH PERSONAL COMPUTERS

UF MACINTOSH PC
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
MICROCOMPUTERS
PERSONAL COMPUTERS
MACINTOSH PERSONAL COMPUTERS
RT COMPUTER GRAPHICS
COMPUTER PROGRAMS

MACLAURIN SERIES

UF MCLAURIN SERIES
GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES

MACROCLIMATE

USE CLIMATE

MACROMOLECULES

GS MOLECULES
MACROMOLECULES

MACROMOLECULES--(cont.)

RT MOLECULAR CHAINS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POLYMERS
PROTEINS

MACROPHAGES

GS CELLS (BIOLOGY)
MACROPHAGES
RT TISSUES (BIOLOGY)

MACROSCOPIC EQUATIONS

RT EQUATIONS
MEASUREMENT
PROPERTIES
STATISTICAL MECHANICS

MACULAR VISION

USE VISION

MADAGASCAR

UF MALAGASY REPUBLIC
GS LANDFORMS
ISLANDS
MADAGASCAR
NATIONS
MADAGASCAR
RT AFRICA
INDIAN OCEAN

MAFFEI GALAXIES

GS CELESTIAL BODIES
GALAXIES
MAFFEI GALAXIES
RT NEBULAE
RADIO ASTRONOMY
RADIO GALAXIES
RADIO SOURCES (ASTRONOMY)
SPIRAL GALAXIES

MAGAZINES (SUPPLY CHAMBERS)

RT AMMUNITION
PHOTOGRAPHIC FILM
SPOOLS

MAGDALENA-CAUCA VALLEY (COLOMBIA)

GS LANDFORMS
MAGDALENA-CAUCA VALLEY (COLOMBIA)
VALLEYS
MAGDALENA-CAUCA VALLEY (COLOMBIA)
RT COLOMBIA
SOUTH AMERICA

MAGELLAN MISSION (ESA)

USE MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE

MAGELLAN PROJECT (NASA)

SN (DOES NOT INCLUDE THE MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE)
UF VENUS RADAR MAPPER PROJECT
GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
MAGELLAN PROJECT (NASA)
PROJECTS
MAGELLAN PROJECT (NASA)
SPACE PROGRAMS
NASA SPACE PROGRAMS
MAGELLAN PROJECT (NASA)
RT MAGELLAN SPACECRAFT (NASA)
SPACE EXPLORATION
SPACE MISSIONS
VENUS ORBITING IMAGING RADAR (SPACECRAFT)
VENUS PROBES
VENUS SURFACE

MAGELLAN SPACECRAFT (NASA)

SN (DOES NOT INCLUDE THE MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE)
UF VENUS RADAR MAPPER
GS INTERPLANETARY SPACECRAFT
VENUS PROBES
MAGELLAN SPACECRAFT (NASA)
UNMANNED SPACECRAFT
SPACE PROBES
VENUS PROBES
MAGELLAN SPACECRAFT (NASA)
RT MAGELLAN PROJECT (NASA)
RADAR IMAGERY

MAGELLAN SPACECRAFT (NASA)--(cont.)

∞SPACECRAFT
SYNTHETIC APERTURE RADAR
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)
VENUS SURFACE

MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE

UF MAGELLAN MISSION (ESA)
GS ARTIFICIAL SATELLITES
. ESA SATELLITES
. . . **MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE**
ESA SPACECRAFT
. ESA SATELLITES
. . . **MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE**
OBSERVATORIES
. ASTRONOMICAL OBSERVATORIES
. . . ASTRONOMICAL SATELLITES
. . . **MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE**
RT EXTREME ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
SPACEBORNE ASTRONOMY

MAGELLANIC CLOUDS

GS CELESTIAL BODIES
. GALAXIES
. . . **MAGELLANIC CLOUDS**
RT ∞CLOUDS
NEBULAE
ORION NEBULA
STAR CLUSTERS
STARS
SUPERNOVA 1987A

MAGIC TEES

RT DUPLEXERS

MAGMA

RT IGNEOUS ROCKS
LAVA
REGOLITH
RHYOLITE
ROCKS
SOILS

MAGNESIUM

GS CHEMICAL ELEMENTS
. **MAGNESIUM**
. . . MAGNESIUM ISOTOPES
METALS
. **MAGNESIUM**
. . . MAGNESIUM ISOTOPES

MAGNESIUM ALLOYS

GS ALLOYS
. LIGHT ALLOYS
. . . **MAGNESIUM ALLOYS**
RT ALUMINUM-LITHIUM ALLOYS
BISMUTH ALLOYS
LITHIUM ALLOYS
SILICON ALLOYS

MAGNESIUM BROMIDES

GS HALOGEN COMPOUNDS
. BROMINE COMPOUNDS
. . . BROMIDES
. . . **MAGNESIUM BROMIDES**
. HALIDES
. . . BROMIDES
. . . **MAGNESIUM BROMIDES**
. . . METAL HALIDES
. . . **MAGNESIUM BROMIDES**
MAGNESIUM COMPOUNDS
. **MAGNESIUM BROMIDES**

MAGNESIUM CELLS

GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. . . PRIMARY BATTERIES
. . . DRY CELLS
. . . **MAGNESIUM CELLS**
ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. . . PRIMARY BATTERIES
. . . DRY CELLS
. . . **MAGNESIUM CELLS**
RT CHEMICAL AUXILIARY POWER UNITS
ELECTROLYTIC POLARIZATION

MAGNESIUM CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. . . CHLORIDES
. . . **MAGNESIUM CHLORIDES**
. HALIDES
. . . CHLORIDES
. . . **MAGNESIUM CHLORIDES**
MAGNESIUM COMPOUNDS
. **MAGNESIUM CHLORIDES**

MAGNESIUM COMPOUNDS

GS **MAGNESIUM COMPOUNDS**
. BRUCITE
. CHLOROPHYLLS
. CORDIERITE
. DOLOMITE (MINERAL)
. ENSTATITE
. FORSTERITE
. MAGNESIUM BROMIDES
. MAGNESIUM CHLORIDES
. MAGNESIUM FLUORIDES
. MAGNESIUM GERMANATES
. MAGNESIUM GERMANIDES
. MAGNESIUM OXIDES
. AKERMANITE
. PERICLASE
. MAGNESIUM PERCHLORATES
. MAGNESIUM SULFATES
. . . HEXAHEDRITE
. MAGNESIUM TITANATES
. MERWINITE
. MONTICELLITE
. TALC
RT ∞ALKALINE EARTH COMPOUNDS
∞CHEMICAL COMPOUNDS
∞METAL COMPOUNDS

MAGNESIUM FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. . . FLUORIDES
. . . METAL FLUORIDES
. . . **MAGNESIUM FLUORIDES**
MAGNESIUM COMPOUNDS
. **MAGNESIUM FLUORIDES**

MAGNESIUM GERMANATES

GS GERMANIUM COMPOUNDS
. GERMANATES
. . . **MAGNESIUM GERMANATES**
MAGNESIUM COMPOUNDS
. **MAGNESIUM GERMANATES**

MAGNESIUM GERMANIDES

GS GERMANIUM COMPOUNDS
. GERMANIDES
. . . **MAGNESIUM GERMANIDES**
MAGNESIUM COMPOUNDS
. **MAGNESIUM GERMANIDES**

MAGNESIUM ISOTOPES

GS CHEMICAL ELEMENTS
. MAGNESIUM
. . . **MAGNESIUM ISOTOPES**
METALS
. MAGNESIUM
. . . **MAGNESIUM ISOTOPES**

MAGNESIUM OXIDES

GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. . . ALKALINE EARTH OXIDES
. . . **MAGNESIUM OXIDES**
. . . AKERMANITE
. . . PERICLASE
MAGNESIUM COMPOUNDS
. **MAGNESIUM OXIDES**
. AKERMANITE
. PERICLASE

MAGNESIUM PERCHLORATES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. . . PERCHLORATES
. . . **MAGNESIUM PERCHLORATES**
MAGNESIUM COMPOUNDS
. **MAGNESIUM PERCHLORATES**

MAGNESIUM SULFATES

GS MAGNESIUM COMPOUNDS
. **MAGNESIUM SULFATES**
. . . HEXAHEDRITE
SULFUR COMPOUNDS

MAGNESIUM SULFATES--(cont.)

. SULFATES
. . . **MAGNESIUM SULFATES**
. . . HEXAHEDRITE
RT BLOEDITE

MAGNESIUM TITANATES

GS MAGNESIUM COMPOUNDS
. **MAGNESIUM TITANATES**
TITANIUM COMPOUNDS
. TITANATES
. . . **MAGNESIUM TITANATES**

MAGNESYN (TRADEMARK)

USE SERVOMOTORS

MAGNET COILS

GS ELECTRIC COILS
. MAGNETIC COILS
. . . **MAGNET COILS**
RT ∞COILS
ELECTROMAGNETISM
ELECTROMAGNETS
FIELD COILS
INDUCTORS
MAGNETIC CIRCUITS
MAGNETIC CORES
MAGNETIC ENERGY STORAGE
MAGNETS
SATURABLE REACTORS
SOLENOIDS
SUPERCONDUCTING MAGNETS
TOROIDS
TRANSFORMERS
WIRE WINDING
YOKES

MAGNETIC ABSORPTION

USE ELECTROMAGNETIC ABSORPTION

MAGNETIC AMPLIFIERS

GS AMPLIFIERS
. **MAGNETIC AMPLIFIERS**
RT MAGNETOSTATIC AMPLIFIERS
NONLINEARITY
POWER AMPLIFIERS
SATURABLE REACTORS
VOLTAGE AMPLIFIERS

MAGNETIC ANNULAR ARC

RT ∞ARCS
CURRENT DISTRIBUTION
PLASMA ACCELERATORS
PLASMA CONTROL
PLASMA PROPULSION

MAGNETIC ANNULAR SHOCK TUBES

UF MAST SHOCK TUBES
GS SHOCK WAVE GENERATORS
. SHOCK TUBES
. . . **MAGNETIC ANNULAR SHOCK TUBES**

MAGNETIC ANOMALIES

UF GEOMAGNETIC ANOMALIES
ANOMALIES
GS . **MAGNETIC ANOMALIES**
. . . GEOMAGNETIC HOLLOW
RT AEROMAGNETISM
GEOMAGNETISM
NONUNIFORM MAGNETIC FIELDS

MAGNETIC BEARINGS

GS BEARINGS
. **MAGNETIC BEARINGS**
RT LEVITATION
MAGNETIC SUSPENSION

MAGNETIC CHARGE DENSITY

UF SCALAR MAGNETIC CHARGE
GS DIVERGENCE
. **MAGNETIC CHARGE DENSITY**
RT ∞CHARGING
CONSTITUTIVE EQUATIONS
MAXWELL EQUATION

MAGNETIC CIRCUITS

GS CIRCUITS
. **MAGNETIC CIRCUITS**
RT FLUX (RATE)
LINES OF FORCE
MAGNET COILS
∞NETWORKS
SATURABLE REACTORS
TRANSFORMERS

MAGNETIC CLOUDS

- GS MAGNETIC FIELDS
 - . **MAGNETIC CLOUDS**
 - . PARTICLES
 - . CHARGED PARTICLES
 - . . PLASMA CLOUDS
 - . . . **MAGNETIC CLOUDS**
- RT ∞ CLOUDS
 - INTERPLANETARY MAGNETIC FIELDS
 - INTERPLANETARY MEDIUM
 - INTERSTELLAR GAS
 - INTERSTELLAR MAGNETIC FIELDS
 - MAGNETIC FIELD CONFIGURATIONS
 - SOLAR CORONA
 - SOLAR WIND
 - STELLAR MASS EJECTION

MAGNETIC COILS

- GS ELECTRIC COILS
 - . **MAGNETIC COILS**
 - . . FIELD COILS
 - . . . MAGNET COILS
- RT ∞ COILS
 - ELECTROMAGNETIC HAMMERS
 - ELECTROMAGNETISM
 - FLUX PUMPS

MAGNETIC COMPASSES

- GS MEASURING INSTRUMENTS
 - . INDICATING INSTRUMENTS
 - . COMPASSES
 - . . . **MAGNETIC COMPASSES**
 - . NAVIGATION AIDS
 - . NAVIGATION INSTRUMENTS
 - . . COMPASSES
 - . . . **MAGNETIC COMPASSES**
- RT GYROCOMPASSES
 - SOLAR COMPASSES

MAGNETIC COMPRESSION

- RT COMPRESSING
- CONFINEMENT
- PLASMA CONTROL
- PLASMAS (PHYSICS)

MAGNETIC CONTROL

- RT ATTITUDE CONTROL
 - ∞ CONTROL

MAGNETIC COOLING

- GS COOLING
 - . **MAGNETIC COOLING**
- RT ABSORPTION COOLING
 - ADIABATIC DEMAGNETIZATION COOLING
 - LOW TEMPERATURE
 - LOW TEMPERATURE ENVIRONMENTS
 - REFRIGERATING

MAGNETIC CORES

- GS COMPUTER STORAGE DEVICES
 - . **MAGNETIC CORES**
 - . CORES
 - . . **MAGNETIC CORES**
- RT BUBBLE MEMORY DEVICES
 - ELECTRIC COILS
 - FERRITES
 - FERROMAGNETISM
 - LAMINATES
 - MAGNET COILS
 - MAGNETS
 - PARAMETRONS
 - SATURABLE REACTORS
 - TOROIDS
 - TRANSFORMERS

MAGNETIC DIFFUSION

- SN (DIFFUSION VIA A MAGNETIC FIELD)
- GS DIFFUSION
 - . **MAGNETIC DIFFUSION**
- RT FIELD STRENGTH

MAGNETIC DIPOLES

- RT ∞ DIPOLES
 - ELECTRIC DIPOLES
 - ∞ PHYSICAL PROPERTIES
 - ∞ POLES

MAGNETIC DISKS

- GS COMPUTER STORAGE DEVICES
 - . **MAGNETIC DISKS**
 - MAGNETIC STORAGE
 - . **MAGNETIC DISKS**
- RT CORE STORAGE
 - DISK OPERATING SYSTEM (DOS)

MAGNETIC DISKS--(cont.)

- ∞ DISKS
 - MEMORY (COMPUTERS)
 - PERIPHERAL EQUIPMENT (COMPUTERS)
 - VIDEO DISKS

MAGNETIC DISPERSION

- RT ∞ DISPERSION
 - ELECTROMAGNETIC SCATTERING
 - FERROMAGNETISM
 - MAGNETIZATION
 - WAVE SCATTERING

MAGNETIC DISTURBANCES

- GS **MAGNETIC DISTURBANCES**
 - . MAGNETIC STORMS
- RT AURORAS
 - BIRKELAND CURRENTS
 - ∞ DISTURBANCES
 - GEOMAGNETISM
 - KP INDEX
 - NONADIABATIC THEORY
 - SOLAR ACTIVITY
 - SOLAR ACTIVITY EFFECTS
 - SOLAR FLARES
 - SOLAR PLANETARY INTERACTIONS
 - SOLAR TERRESTRIAL INTERACTIONS
 - SOLAR WIND VELOCITY
 - STARSPTS
 - STELLAR ACTIVITY
 - SUDDEN IONOSPHERIC DISTURBANCES
 - SUDDEN STORM COMMENCEMENTS
 - SUNSPOTS

MAGNETIC DOMAINS

- GS DOMAINS
 - . **MAGNETIC DOMAINS**
- RT BUBBLE MEMORY DEVICES
 - BUBBLE TECHNIQUE
 - DIPOLE MOMENTS
 - DOMAIN WALL
 - LINES OF FORCE

MAGNETIC DRUMS

- GS COMPUTER STORAGE DEVICES
 - . **MAGNETIC DRUMS**
 - MAGNETIC STORAGE
 - . **MAGNETIC DRUMS**
- RT CORE STORAGE
 - ∞ DRUMS

MAGNETIC EFFECTS

- UF GEOMAGNETIC EFFECTS
- GS MAGNETIC PROPERTIES
 - . **MAGNETIC EFFECTS**
 - . . MAGNETIC RIGIDITY
- RT ∞ EFFECTS
 - FLUX TRANSFER EVENTS
 - GEOMAGNETISM
 - MAGNETOACTIVITY
 - PLASMA COMPRESSION
 - TEMPERATURE EFFECTS

MAGNETIC ENERGY STORAGE

- GS ENERGY STORAGE
 - . **MAGNETIC ENERGY STORAGE**
- RT ENERGY TECHNOLOGY
 - MAGNET COILS
 - MAGNETIC FIELDS
 - SUPERCONDUCTING MAGNETS

MAGNETIC EQUATOR

- UF GEOMAGNETIC EQUATOR
- GS EQUATORS
 - . **MAGNETIC EQUATOR**
- RT GEOMAGNETISM
 - ∞ INCLINATION

MAGNETIC FIELD CONFIGURATIONS

- RT ASTROPHYSICS
 - ELECTROMAGNETIC FIELDS
 - FLUX TRANSFER EVENTS
 - FORCE-FREE MAGNETIC FIELDS
 - HELICAL WINDINGS
 - MAGNETIC CLOUDS
 - MAGNETIC FIELD RECONNECTION
 - PLASMA COMPRESSION
 - PLASMA CONTROL
 - PLASMA PHYSICS
 - POLAR CUSPS
 - POLOIDAL FLUX
 - SPHEROMAKS
 - STELLAR MAGNETIC FIELDS

MAGNETIC FIELD INTENSITY

- USE MAGNETIC FLUX

MAGNETIC FIELD INVERSIONS

- GS INVERSIONS
 - . **MAGNETIC FIELD INVERSIONS**
- RT ELECTROMAGNETIC FIELDS
 - ELECTROMAGNETISM
 - ELECTROMECHANICS
 - FIELD THEORY (PHYSICS)

MAGNETIC FIELD RECONNECTION

- GS MAGNETIC PROPERTIES
 - . MAGNETOACTIVITY
 - . . **MAGNETIC FIELD RECONNECTION**
- RT FIELD ALIGNED CURRENTS
 - FLUX TRANSFER EVENTS
 - INTERPLANETARY MAGNETIC FIELDS
 - MAGNETIC FIELD CONFIGURATIONS
 - MAGNETIC FIELDS
 - MAGNETIC FLUX
 - MAGNETOSPHERE-IONOSPHERE COUPLING
 - SOLAR MAGNETIC FIELD
 - SPACE PLASMAS

MAGNETIC FIELDS

- GS **MAGNETIC FIELDS**
 - . BIOMAGNETISM
 - . FORCE-FREE MAGNETIC FIELDS
 - . GEOMAGNETISM
 - . INTERPLANETARY MAGNETIC FIELDS
 - . INTERSTELLAR MAGNETIC FIELDS
 - . LUNAR MAGNETIC FIELDS
 - . MAGNETIC CLOUDS
 - . MAGNETOSTATIC FIELDS
 - . NONUNIFORM MAGNETIC FIELDS
 - . PALEOMAGNETISM
 - . PLANETARY MAGNETIC FIELDS
 - . STELLAR MAGNETIC FIELDS
 - . . SOLAR MAGNETIC FIELD
 - . TRAPPED MAGNETIC FIELDS
- RT BERNSTEIN ENERGY PRINCIPLE
 - BETA FACTOR
 - CONJUGATE POINTS
 - CONSTITUTIVE EQUATIONS
 - CROSSED FIELDS
 - DEMAGNETIZATION
 - EARTH MAGNETOSPHERE
 - ELECTRIC FIELDS
 - ELECTROMAGNETIC ACCELERATION
 - ELECTROMAGNETIC FIELDS
 - ELECTROMAGNETISM
 - ELECTROMECHANICS
 - ELECTRON-HOLE DROPS
 - FERROMAGNETIC RESONANCE
 - FIELD EMISSION
 - FIELD STRENGTH
 - FIELD THEORY (PHYSICS)
 - ∞ FIELDS
 - FLUX PUMPS
 - FLUX TRANSFER EVENTS
 - GEOMAGNETIC TAIL
 - HELIOS SATELLITES
 - INTASAT SATELLITE
 - ∞ KERR EFFECTS
 - LINES OF FORCE
 - LORENTZ FORCE
 - MAGNETIC ENERGY STORAGE
 - MAGNETIC FIELD RECONNECTION
 - MAGNETIZATION
 - MAGNETO-OPTICS
 - MAGNETOACTIVITY
 - MAGNETOPLASMA DYNAMICS
 - MAGNETORESISTIVITY
 - MAGNETOSTATICS
 - MAGNETS
 - MULTIPOLAR FIELDS
 - NONTHERMAL RADIATION
 - PARTICLE ACCELERATION
 - PINCH EFFECT
 - POLAR CUSPS
 - POLARITY
 - PULSAR MAGNETOSPHERES
 - RACETRACKS (PARTICLE ACCELERATORS)
 - RADIATION BELTS
 - SCREW PINCH
 - SCYLLA
 - SELF CONSISTENT FIELDS
 - SQUARE WELLS
 - STELLAR MAGNETOSPHERES
 - SUHL EFFECT
 - ZEEMAN EFFECT

MAGNETIC FILMS

GS COATINGS
 . **MAGNETIC FILMS**
 RT ∞ FILMS

MAGNETIC FLUX

UF MAGNETIC FIELD INTENSITY
 GS FIELD STRENGTH
 . **MAGNETIC FLUX**
 RATES (PER TIME)
 . FLUX (RATE)
 . . **MAGNETIC FLUX**
 RT BETA FACTOR
 CONSTITUTIVE EQUATIONS
 CURRENT SHEETS
 FLUX PINNING
 FLUX QUANTIZATION
 FLUX TRANSFER EVENTS
 FORCE-FREE MAGNETIC FIELDS
 LINES OF FORCE
 MAGNETIC FIELD RECONNECTION
 PINNING

MAGNETIC FORMING

GS FORMING TECHNIQUES
 . **MAGNETIC FORMING**
 METAL WORKING
 . **MAGNETIC FORMING**
 RT BULGING
 COLD WORKING
 DEEP DRAWING
 ELECTROMAGNETIC HAMMERS
 METAL DRAWING

MAGNETIC INDUCTION

UF ELECTROMAGNETIC DEDUCTION
 GS MAGNETIC PROPERTIES
 . **MAGNETIC INDUCTION**
 RT COUPLING COEFFICIENTS
 FLUX (RATE)
 INDUCTANCE
 ∞ INDUCTION
 INDUCTION HEATING

MAGNETIC INDUCTION PROBES

USE MAGNETIC PROBES

MAGNETIC LENSES

UF QUADRUPOLE LENSES
 GS LENSES
 . **MAGNETIC LENSES**
 RT CATHODE RAY TUBES
 ELECTRON BEAMS
 ELECTRON GUNS
 ELECTRON MICROSCOPES
 ELECTRON MICROSCOPY
 PLASMA GUNS
 PLASMA JETS
 SCANNING ELECTRON MICROSCOPY
 TRANSMISSION ELECTRON MICROSCOPY
 WIRE GRID LENSES

MAGNETIC LEVITATION VEHICLES

GS SURFACE VEHICLES
 . **MAGNETIC LEVITATION VEHICLES**
 RT LEVITATION
 LIFT DEVICES
 MASS DRIVERS
 RAIL TRANSPORTATION
 SUSPENSION SYSTEMS (VEHICLES)
 ∞ VEHICLES

MAGNETIC MATERIALS

UF MAGNETIC METALS
 GS **MAGNETIC MATERIALS**
 . FERRIMAGNETIC MATERIALS
 . FERROMAGNETIC MATERIALS
 . . FERROFLUIDS
 . . FERROMAGNETIC FILMS
 . . MAGNETITE
 . . PERMALLOYS (TRADEMARK)
 RT KONDO EFFECT
 MAGNETS
 ∞ MATERIALS
 PERMANENT MAGNETS

MAGNETIC MEASUREMENT

SN (MEASUREMENT OF MAGNETIC
 PROPERTIES, QUANTITIES OR
 CONDITIONS)
 UF FLUXMETERS
 MAGNETOMETRY
 RT ELECTROMAGNETIC MEASUREMENT
 MAGNETOMETERS
 ∞ MATERIALS TESTS

MAGNETIC MEASUREMENT--(cont.)

∞ MEASUREMENT
 SQUID (DETECTORS)

MAGNETIC MEMORIES

USE MAGNETIC STORAGE

MAGNETIC METALS

USE MAGNETIC MATERIALS
 METALS

MAGNETIC MIRRORS

GS MIRRORS
 . **MAGNETIC MIRRORS**
 . . TANDEM MIRRORS
 RT LINES OF FORCE
 MIRROR FUSION
 MIRROR POINT
 NONUNIFORM MAGNETIC FIELDS
 NUCLEAR FUSION
 PLASMA CONTROL
 PLASMA EQUILIBRIUM
 Q DEVICES
 SCYLLA
 SPHEROMAKS

MAGNETIC MOMENTS

GS MAGNETIC PROPERTIES
 . **MAGNETIC MOMENTS**
 MOMENTS
 . DIPOLE MOMENTS
 . . **MAGNETIC MOMENTS**
 RT BOHR MAGNETON
 ELECTRIC MOMENTS
 LANGEVIN FORMULA
 QUENCHING (ATOMIC PHYSICS)

MAGNETIC MONOPOLES

GS MONOPOLES
 . **MAGNETIC MONOPOLES**
 PARTICLES
 . ELEMENTARY PARTICLES
 . . **MAGNETIC MONOPOLES**
 RT QUANTUM THEORY

MAGNETIC PERMEABILITY

UF MAGNETIC SUSCEPTIBILITY
 SUSCEPTIBILITY (MAGNETISM)
 GS MAGNETIC PROPERTIES
 . **MAGNETIC PERMEABILITY**
 RT CURIE-WEISS LAW
 DIELECTRIC PERMEABILITY
 HYSTERESIS
 NEEL TEMPERATURE
 RELUCTANCE

MAGNETIC PISTONS

GS PISTONS
 . **MAGNETIC PISTONS**
 RT HYPERSONIC WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 SHOCK TUBES
 SHOCK WAVE GENERATORS

MAGNETIC POLES

RT AURORAL ZONES
 ∞ DIPOLES
 GEOMAGNETISM
 POLARITY
 ∞ POLES

MAGNETIC PROBES

UF MAGNETIC INDUCTION PROBES
 GS MEASURING INSTRUMENTS
 . **MAGNETIC PROBES**
 RT MAGNETOMETERS
 RESONANCE PROBES
 SPACE PROBES

MAGNETIC PROPERTIES

GS **MAGNETIC PROPERTIES**
 . ANTIFERROMAGNETISM
 . BIOMAGNETISM
 . CURIE TEMPERATURE
 . DIAMAGNETISM
 . FERRIMAGNETISM
 . FERROMAGNETISM
 . GEOMAGNETISM
 . GYROMAGNETISM
 . . GYROFREQUENCY
 . MAGNETIC EFFECTS
 . . MAGNETIC RIGIDITY
 . MAGNETIC INDUCTION
 . MAGNETIC MOMENTS

MAGNETIC PROPERTIES--(cont.)

. MAGNETIC PERMEABILITY
 . MAGNETIC RELAXATION
 . . SPIN-LATTICE RELAXATION
 . MAGNETIC SUSPENSION
 . MAGNETOACOUSTICS
 . MAGNETOACTIVITY
 . . FLUX TRANSFER EVENTS
 . MAGNETIC FIELD RECONNECTION
 . MAGNETORESISTIVITY
 . MAGNETOSTRICTION
 . PALEOMAGNETISM
 . PARAMAGNETISM
 . POLARIZATION CHARACTERISTICS
 . RELUCTANCE
 . REMANENCE
 . THERMOMAGNETIC EFFECTS
 RT COERCIVITY
 CURIE-WEISS LAW
 DIPOLE MOMENTS
 EDDY CURRENTS
 ELECTRICAL PROPERTIES
 ELECTROMAGNETIC PROPERTIES
 ELECTROMAGNETISM
 FERRITIC STAINLESS STEELS
 FIELD STRENGTH
 HYSTERESIS
 INDUCTANCE
 KP INDEX
 LINES OF FORCE
 MAGNETIZATION
 MAGNETOMECHANICS (PHYSICS)
 MAGNETS
 MAXWELL EQUATION
 ∞ PHYSICAL PROPERTIES
 POLARIZATION (SPIN ALIGNMENT)
 ∞ PROPERTIES
 ∞ SOLID STATE PHYSICS
 SPIN GLASS

MAGNETIC PUMPING

RT ELECTRON CYCLOTRON HEATING
 INDUCTION HEATING
 ION CYCLOTRON RADIATION
 KINETIC HEATING
 PLASMA HEATING
 ∞ PUMPING

MAGNETIC RECORDING

UF MAGNETIC TAPE RECORDERS
 GS RECORDING
 . **MAGNETIC RECORDING**
 RT BUBBLE MEMORY DEVICES
 DATA RECORDING
 RECORDING HEADS

MAGNETIC RELAXATION

GS MAGNETIC PROPERTIES
 . **MAGNETIC RELAXATION**
 . . SPIN-LATTICE RELAXATION
 RT RELAXATION (MECHANICS)

MAGNETIC RESONANCE

GS RESONANCE
 . **MAGNETIC RESONANCE**
 . . FERROMAGNETIC RESONANCE
 . . NUCLEAR MAGNETIC RESONANCE
 . . . PROTON MAGNETIC RESONANCE
 . . . PROTON RESONANCE
 . . . PARAMAGNETIC RESONANCE
 . . . ELECTRON PARAMAGNETIC
 RESONANCE
 RT NUCLEAR SPIN
 OVERHAUSER EFFECT
 SPECTRUM ANALYSIS

MAGNETIC RIGIDITY

UF GYROINTERACTION
 GS MAGNETIC PROPERTIES
 . MAGNETIC EFFECTS
 . . **MAGNETIC RIGIDITY**
 RT ELECTRON TRAJECTORIES
 IONOSPHERIC DRIFT
 PARTICLE MASS
 PARTICLE MOTION
 ∞ RIGIDITY

MAGNETIC SHIELDING

GS SHIELDING
 . **MAGNETIC SHIELDING**
 RT ELECTROMAGNETIC SHIELDING
 MAGNETOMETERS
 RADIATION SHIELDING

MAGNETIC SIGNALS

RT NUCLEAR MAGNETIC RESONANCE
SIGNAL MIXING
∞ SIGNALS

MAGNETIC SIGNATURES

UF MAGNETOGRAMS
GS SIGNATURES
RT **MAGNETIC SIGNATURES**
PATTERN REGISTRATION

MAGNETIC SPECTROSCOPY

GS SPECTROSCOPY
RT **MAGNETIC SPECTROSCOPY**
GAS SPECTROSCOPY
MASS SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

MAGNETIC STARS

GS CELESTIAL BODIES
STARS
RT **MAGNETIC STARS**
PECULIAR STARS

MAGNETIC STORAGE

UF MAGNETIC MEMORIES
GS **MAGNETIC STORAGE**
BUBBLE MEMORY DEVICES
CORE STORAGE
MAGNETIC DISKS
MAGNETIC DRUMS
RT COMPUTER STORAGE DEVICES
DATA RECORDING
DATA STORAGE
∞ DRUMS
PARAMETRONS
∞ STORAGE
VIRTUAL MEMORY SYSTEMS

MAGNETIC STORMS

UF GEOMAGNETIC STORMS
MAGNETIC SUBSTORMS
GS MAGNETIC DISTURBANCES
MAGNETIC STORMS
STORMS
RT **MAGNETIC STORMS**
BIRKELAND CURRENTS
DAWN CHORUS
FORBUSH DECREASES
NOISE STORMS
SOLAR STORMS
SOLAR TERRESTRIAL INTERACTIONS
SPREAD F
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS

MAGNETIC SUBSTORMS

USE MAGNETIC STORMS

MAGNETIC SURVEYS

UF MAGNETOTELLURIC PROFILING
RT AEROMAGNETISM
GEOMAGNETISM

MAGNETIC SUSCEPTIBILITY

USE MAGNETIC PERMEABILITY

MAGNETIC SUSPENSION

GS MAGNETIC PROPERTIES
MAGNETIC SUSPENSION
SUSPENDING (HANGING)
RT **MAGNETIC SUSPENSION**
ANNULAR SUSPENSION AND POINTING
SYSTEM
LEVITATION MELTING
MAGNETIC BEARINGS

MAGNETIC SWITCHING

GS SWITCHING
RT **MAGNETIC SWITCHING**
ANTIFERROMAGNETISM
BEAM SWITCHING
BUBBLE MEMORY DEVICES
SATURABLE REACTORS

MAGNETIC TAPE RECORDERS

USE MAGNETIC RECORDING
TAPE RECORDERS

MAGNETIC TAPE TRANSPORTS

GS MECHANICAL DRIVES
RT **MAGNETIC TAPE TRANSPORTS**
TAPE RECORDERS

MAGNETIC TAPES

GS COMPUTER STORAGE DEVICES
MAGNETIC TAPES
COMPUTER COMPATIBLE TAPES
RT AUDIO TAPES
PERIPHERAL EQUIPMENT (COMPUTERS)
PLASTIC TAPES
PLAYBACKS
PUNCHED TAPES
READERS
RECORDING HEADS
REELS
TAPE RECORDERS
∞ TAPES
VIDEO TAPES

MAGNETIC TRANSDUCERS

GS TRANSDUCERS
RT **MAGNETIC TRANSDUCERS**
ELECTROMAGNETIC MEASUREMENT
ELECTRONIC TRANSDUCERS
MICROPHONES

MAGNETIC VARIATIONS

GS VARIATIONS
MAGNETIC VARIATIONS
GEOMAGNETIC PULSATIONS
GEOMAGNETIC MICROPULSATIONS
NOCTURNAL VARIATIONS
RT AEROMAGNETISM
ANNUAL VARIATIONS
DIURNAL VARIATIONS
IONOSPHERIC DISTURBANCES
KP INDEX
SCYLLA
TRAVELING IONOSPHERIC
DISTURBANCES

MAGNETICALLY TRAPPED PARTICLES

GS PARTICLES
CHARGED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
RT PLASMA CONTROL
TRAPPED MAGNETIC FIELDS

MAGNETITE

GS CHALCOGENIDES
OXIDES
METAL OXIDES
IRON OXIDES
MAGNETITE
IRON COMPOUNDS
IRON OXIDES
MAGNETITE
MAGNETIC MATERIALS
FERROMAGNETIC MATERIALS
MAGNETITE
MINERALS
MAGNETITE

MAGNETIZATION

UF REMAGNETIZATION
RT COERCIVITY
MAGNETIC DISPERSION
MAGNETIC FIELDS
MAGNETIC PROPERTIES
MAGNETOMECHANICS (PHYSICS)
MAGNETS
MAGNONS
∞ POLARIZATION
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)

MAGNETO-OPTICS

RT ACOUSTO-OPTICS
ELECTRO-OPTICS
ELECTROMAGNETIC RADIATION
FARADAY EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETIC FIELDS
OPTICAL SWITCHING

MAGNETO-OPTICS--(cont.)

∞ OPTICS
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC
RADIATION

MAGNETOACOUSTIC WAVES

GS ELASTIC WAVES
MAGNETOELASTIC WAVES
RT **MAGNETOACOUSTIC WAVES**
MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES

MAGNETOACOUSTICS

GS ACOUSTICS
MAGNETOACOUSTICS
MAGNETIC PROPERTIES
MAGNETOACOUSTICS

MAGNETOACTIVITY

GS MAGNETIC PROPERTIES
MAGNETOACTIVITY
FLUX TRANSFER EVENTS
MAGNETIC FIELD RECONNECTION
MAGNETORESISTIVITY
RT MAGNETIC EFFECTS
MAGNETIC FIELDS

MAGNETOCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
CARDIOGRAPHY
RT **MAGNETOCARDIOGRAPHY**
BIOINSTRUMENTATION

MAGNETOELASTIC VIBRATIONS

USE MAGNETOELASTIC WAVES

MAGNETOELASTIC WAVES

UF MAGNETOELASTIC VIBRATIONS
GS ELASTIC WAVES
MAGNETOELASTIC WAVES
MAGNETOACOUSTIC WAVES
ELECTROSTATIC WAVES
MAGNETOSONIC RESONANCE
MAGNETOSPHERIC INSTABILITY
MAGNETOSTRICTION
PLASMA WAVES
SOUND WAVES
ULTRASONIC RADIATION

MAGNETOELASTICITY

USE MAGNETOSTRICTION

MAGNETOELECTRIC MEDIA

RT DIELECTRICS
MAGNETOIONICS
MAXWELL EQUATION
MECHANICAL DRIVES

MAGNETOGASDYNAMICS

USE MAGNETOHYDRODYNAMICS

MAGNETOGRAMS

USE MAGNETIC SIGNATURES

MAGNETOHYDRODYNAMIC ACCELERATION

USE PLASMA ACCELERATION

MAGNETOHYDRODYNAMIC FLOW

UF HYDROMAGNETIC FLOW
PLASMA FLOW
GS FLUID FLOW
MAGNETOHYDRODYNAMIC FLOW
RT COMPRESSIBLE FLOW
CORE FLOW
GAS FLOW
GEOMAGNETIC HOLLOW
HARTMANN FLOW
KELVIN-HELMHOLTZ INSTABILITY
LINE CURRENT
MAGNETOHYDRODYNAMICS
PLASMA FLUX MEASUREMENT
PLASMA TURBULENCE
PLASMAS (PHYSICS)
REVERSE FIELD PINCH
SCREW PINCH
SOLAR WIND VELOCITY
TRANSVERSE WAVES
TWO FLUID MODELS

MAGNETOHYDRODYNAMIC GENERATORS

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS

MAGNETOHYDRODYNAMIC GENERATORS--(cont.)**MAGNETOHYDRODYNAMIC GENERATORS**

- RT FUEL CELLS
 ∞ GENERATORS
 MAGNETOHYDRODYNAMICS
 PLASMA ACCELERATORS
 PLASMA GENERATORS
 THERMIONIC CONVERTERS
 THERMOELECTRIC GENERATORS

MAGNETOHYDRODYNAMIC SHEAR HEATING

- GS HEATING
 . MAGNETOHYDRODYNAMIC SHEAR HEATING
 RT PLASMA HEATING
 PLASMA SHEATHS
 SHOCK HEATING
 VISCOUS FLOW

MAGNETOHYDRODYNAMIC STABILITY

- UF HYDROMAGNETIC STABILITY
 PLASMA INSTABILITY
 PLASMA STABILITY
 GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . FLOW STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 FLOW CHARACTERISTICS
 FLOW STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 STABILITY
 DYNAMIC STABILITY
 MOTION STABILITY
 FLOW STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 RT BALLOONING MODES
 BETA FACTOR
 ELASTIC WAVES
 ELLIPTICAL PLASMAS
 FORCE-FREE MAGNETIC FIELDS
 HELICAL FLOW
 KELVIN-HELMHOLTZ INSTABILITY
 MAGNETOHYDRODYNAMICS
 MAGNETOHYDROSTATICS
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 PLASMA CONDUCTIVITY
 PLASMA COOLING
 PLASMA DECAY
 PLASMA DRIFT
 PLASMA EQUILIBRIUM
 PLASMA LIFETIME
 PLASMA LOSS
 PLASMA PINCH
 PLASMA POTENTIALS
 PLASMA SLABS
 PLASMA TEMPERATURE
 PLASMA TURBULENCE
 PLASMAS (PHYSICS)
 PLASMONS
 SPACE PLASMAS
 STRONGLY COUPLED PLASMAS
 THERMAL INSTABILITY
 ZETA PINCH

MAGNETOHYDRODYNAMIC TURBULENCE

- GS TURBULENCE
 . MAGNETOHYDRODYNAMIC TURBULENCE
 . . PLASMA TURBULENCE
 RT HOMOGENEOUS TURBULENCE
 ISOTROPIC TURBULENCE

MAGNETOHYDRODYNAMIC WAVES

- UF ALFVEN WAVES
 HYDROMAGNETIC WAVES
 PLASMA SOUND WAVES
 GS ELASTIC WAVES
 . MAGNETOHYDRODYNAMIC WAVES
 . . PLASMA WAVES
 . . . ELECTROSTATIC WAVES
 RT MAGNETOACOUSTIC WAVES
 MAGNETOHYDRODYNAMICS
 NORMAL SHOCK WAVES
 OBLIQUE SHOCK WAVES
 SHOCK WAVES
 WAVE-PARTICLE INTERACTIONS

MAGNETOHYDRODYNAMICS

- UF GEOMETRICAL HYDROMAGNETICS
 HYDROMAGNETICS
 HYDROMAGNETISM
 MAGNETOGASDYNAMICS
 GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . HYDRODYNAMICS
 . . . MAGNETOHYDRODYNAMICS
 . . . HYDROMECHANICS
 . . . HYDRODYNAMICS
 MAGNETOHYDRODYNAMICS
 RT ALPHA PLASMA DEVICES
 CONDUCTING FLUIDS
 ∞ DYNAMICS
 ELECTRIC ARCS
 ELECTROHYDRODYNAMICS
 GAS DYNAMICS
 GAS TRANSPORT
 HALL ACCELERATORS
 HALL EFFECT
 HARTMANN FLOW
 HARTMANN NUMBER
 IONIZATION
 MAGNETOHYDRODYNAMIC FLOW
 MAGNETOHYDRODYNAMIC GENERATORS
 MAGNETOHYDRODYNAMIC STABILITY
 MAGNETOHYDRODYNAMIC WAVES
 MAGNETOHYDROSTATICS
 MAGNETOIONICS
 MAGNETOSONIC RESONANCE
 PINCH EFFECT
 PLASMA CURRENTS
 PLASMA DYNAMICS
 PLASMA PHYSICS
 PLASMA PROPULSION
 PLASMAS (PHYSICS)
 SPACE CHARGE
 SPACE MECHANICS
 SPACE PLASMAS
 STELLAR ACTIVITY
 STELLARATORS
 THERMONUCLEAR REACTIONS
 URANIUM PLASMAS
 WAVE-PARTICLE INTERACTIONS

MAGNETOHYDROSTATICS

- GS FLUID MECHANICS
 . HYDROMECHANICS
 . . HYDROSTATICS
 . . . MAGNETOHYDROSTATICS
 . . . STATICS
 . . . HYDROSTATICS
 MAGNETOHYDROSTATICS
 RT MAGNETOHYDRODYNAMIC STABILITY
 MAGNETOHYDRODYNAMICS
 MAGNETOIONICS
 PLASMA PHYSICS
 STATIC STABILITY

MAGNETOIONIC PLASMA

- USE PLASMAS (PHYSICS)

MAGNETOIONICS

- RT ELECTROMAGNETIC WAVE
 TRANSMISSION
 ELLIPTICAL POLARIZATION
 GEOMAGNETISM
 GYROFREQUENCY
 IONOSPHERIC PROPAGATION
 MAGNETOELECTRIC MEDIA
 MAGNETOHYDRODYNAMICS
 MAGNETOHYDROSTATICS
 PLASMAS (PHYSICS)
 RADIO TRANSMISSION

MAGNETOMECHANICS (PHYSICS)

- RT MAGNETIC PROPERTIES
 MAGNETIZATION
 ∞ PHYSICS

MAGNETOMETERS

- UF GAUSSMETERS
 GS MEASURING INSTRUMENTS
 . MAGNETOMETERS
 . . VARIOMETERS
 RT ELECTRICAL MEASUREMENT
 FIELD INTENSITY METERS
 GEOMAGNETISM
 ∞ GRADIOMETERS
 MAGNETIC MEASUREMENT
 MAGNETIC PROBES
 MAGNETIC SHIELDING
 MAGSAT A SATELLITE
 MAGSAT B SATELLITE

MAGNETOMETERS--(cont.)

- MAGSAT SATELLITES
 MAGSAT 1 SATELLITE
 NUCLEAR MAGNETIC RESONANCE
 PROTON MASERS

MAGNETOMETRY

- USE MAGNETIC MEASUREMENT

MAGNETOPOUSE

- GS ENVIRONMENTS
 . EARTH MAGNETOSPHERE
 . . MAGNETOPOUSE
 RT CHAPMAN-FERRARO PROBLEM
 FLUX TRANSFER EVENTS
 MAGNETOSHEATH
 MAGNETOSPHERIC INSTABILITY
 PLANETARY MAGNETOTAILS
 POLAR CUSPS
 SATELLITE ATMOSPHERES
 SOLAR WIND

MAGNETOPLASMA DYNAMICS

- RT MAGNETIC FIELDS
 PLASMA DENSITY
 PLASMA PROPULSION
 ROCKET ENGINES
 SPACECRAFT PROPULSION

MAGNETOPLASMAS

- USE PLASMAS (PHYSICS)

MAGNETORESISTIVITY

- GS ELECTRICAL PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . MAGNETORESISTIVITY
 ELECTROMAGNETIC PROPERTIES
 . MAGNETORESISTIVITY
 MAGNETIC PROPERTIES
 . MAGNETOACTIVITY
 . . MAGNETORESISTIVITY
 TRANSPORT PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . MAGNETORESISTIVITY
 RT ∞ CONDUCTIVITY
 ELECTROMAGNETISM
 FERMI SURFACES
 MAGNETIC FIELDS
 RELUCTANCE
 ∞ RESISTANCE

MAGNETOSHEATH

- GS ENVIRONMENTS
 . EARTH MAGNETOSPHERE
 . . MAGNETOSHEATH
 RT BOW WAVES
 EARTH ENVIRONMENT
 GEOMAGNETISM
 MAGNETOPOUSE
 PLASMA SHEATHS
 SHOCK FRONTS
 SOLAR PLANETARY INTERACTIONS
 SOLAR TERRESTRIAL INTERACTIONS
 SOLAR WIND

MAGNETOSONIC RESONANCE

- GS RESONANCE
 . MAGNETOSONIC RESONANCE
 RT MAGNETOELASTIC WAVES
 MAGNETOHYDRODYNAMICS

MAGNETOSPHERE-IONOSPHERE COUPLING

- UF IONOSPHERE-MAGNETOSPHERE
 COUPLING
 GS COUPLING
 . MAGNETOSPHERE-IONOSPHERE COUPLING
 RT AERONOMY
 ATMOSPHERIC PHYSICS
 COUPLED MODES
 EARTH IONOSPHERE
 EARTH MAGNETOSPHERE
 ELECTROMAGNETIC COUPLING
 FLUX TRANSFER EVENTS
 ∞ IONOSPHERES
 MAGNETIC FIELD RECONNECTION
 MAGNETOSPHERIC INSTABILITY
 PLANETARY IONOSPHERES

MAGNETOSPHERES

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COMETARY MAGNETOSPHERES

MAGNETOSPHERES--(cont.)

EARTH MAGNETOSPHERE
PLANETARY MAGNETOSPHERES
PULSAR MAGNETOSPHERES
STELLAR MAGNETOSPHERES

MAGNETOSPHERIC ELECTRON DENSITY

GS DENSITY (NUMBER/VOLUME)
.. PARTICLE DENSITY (CONCENTRATION)
.. ELECTRON DENSITY (CONCENTRATION)
... **MAGNETOSPHERIC ELECTRON DENSITY**
RT ATMOSPHERIC DENSITY
IONOSPHERIC ELECTRON DENSITY
PLASMA DENSITY

MAGNETOSPHERIC INSTABILITY

GS STABILITY
.. **MAGNETOSPHERIC INSTABILITY**
RT GEOMAGNETIC PULSATIONS
MAGNETOELASTIC WAVES
MAGNETOPLASMA
MAGNETOSPHERE-IONOSPHERE COUPLING

MAGNETOSPHERIC ION DENSITY

GS DENSITY (NUMBER/VOLUME)
.. PARTICLE DENSITY (CONCENTRATION)
.. ION DENSITY (CONCENTRATION)
... **MAGNETOSPHERIC ION DENSITY**
... MAGNETOSPHERIC PROTON DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ION DENSITY
PLASMA DENSITY
POSITIVE IONS

MAGNETOSPHERIC PROTON DENSITY

GS DENSITY (NUMBER/VOLUME)
.. PARTICLE DENSITY (CONCENTRATION)
.. ION DENSITY (CONCENTRATION)
... **MAGNETOSPHERIC ION DENSITY**
... **MAGNETOSPHERIC PROTON DENSITY**
... PROTON DENSITY (CONCENTRATION)
... **MAGNETOSPHERIC PROTON DENSITY**
RT ATMOSPHERIC DENSITY
PLASMA DENSITY

MAGNETOSTATIC AMPLIFIERS

GS AMPLIFIERS
.. **MAGNETOSTATIC AMPLIFIERS**
RT GADOLINIUM-GALLIUM GARNET
MAGNETIC AMPLIFIERS
PARAMETRIC AMPLIFIERS
TRAVELING WAVE TUBES
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET

MAGNETOSTATIC FIELDS

GS MAGNETIC FIELDS
.. **MAGNETOSTATIC FIELDS**
RT FIELD THEORY (PHYSICS)
LINES OF FORCE

MAGNETOSTATICS

GS ELECTROMAGNETISM
.. **MAGNETOSTATICS**
RT ELECTROSTATICS
FLUX (RATE)
MAGNETIC FIELDS

MAGNETOSTRICTION

UF MAGNETOELASTICITY
GS MAGNETIC PROPERTIES
.. **MAGNETOSTRICTION**
MECHANICAL PROPERTIES
.. ELASTIC PROPERTIES
.. **MAGNETOSTRICTION**
RT ELECTROSTRICTION
MAGNETOELASTIC WAVES

∞ MAGNETOTALS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT TERMS LISTED BELOW)*
RT GEOMAGNETIC TAIL
PLANETARY MAGNETOTALS

MAGNETOTELLURIC PROFILING

USE MAGNETIC SURVEYS

MAGNETOVARIOGRAPHS

USE VARIOMETERS

MAGNETRON SPUTTERING

GS SPUTTERING
.. **MAGNETRON SPUTTERING**
RT DEPOSITION
METAL COATINGS

MAGNETRONS

GS ELECTRON TUBES
.. VACUUM TUBES
.. MICROWAVE TUBES
... **MAGNETRONS**
... NIGOTRONS
MICROWAVE EQUIPMENT
.. MICROWAVE OSCILLATORS
.. **MAGNETRONS**
.. NIGOTRONS
.. MICROWAVE TUBES
.. **MAGNETRONS**
.. NIGOTRONS
OSCILLATORS
.. MICROWAVE OSCILLATORS
.. **MAGNETRONS**
.. NIGOTRONS
RT CAVITY RESONATORS
CROSSED FIELD AMPLIFIERS
CROSSED FIELDS
ELECTROSTATIC GENERATORS
KLYSTRONS
MULTIMODE RESONATORS
PLANOTRONS
RESONATORS
TRAVELING WAVE TUBES

MAGNETS

GS **MAGNETS**
.. CRYOGENIC MAGNETS
.. ELECTROMAGNETS
.. HIGH FIELD MAGNETS
.. SUPERCONDUCTING MAGNETS
.. FERRIMAGNETS
.. PERMANENT MAGNETS
.. WIGGLER MAGNETS
RT ELECTRETS
FERROMAGNETIC MATERIALS
FERROMAGNETISM
MAGNET COILS
MAGNETIC CORES
MAGNETIC FIELDS
MAGNETIC MATERIALS
MAGNETIC PROPERTIES
MAGNETIZATION
PERMALLOYS (TRADEMARK)

MAGNIFICATION

UF MAGNIFIERS
RT AMPLIFICATION
INCREASING
LENSES
∞ PROJECTION

MAGNIFIERS

USE MAGNIFICATION

MAGNITUDE

GS **MAGNITUDE**
.. STELLAR MAGNITUDE
RT AMPLITUDES
DIMENSIONS
DISPLACEMENT
∞ INTENSITY
LEVEL (QUANTITY)

MAGNONS

UF SPIN WAVES
GS ELEMENTARY EXCITATIONS
.. **MAGNONS**
RT ANTIFERROMAGNETISM
FERRIMAGNETISM
FERROMAGNETISM
MAGNETIZATION
PLASMONS

MAGNUS EFFECT

RT BERNOULLI THEOREM
BOUNDARY LAYER FLOW
∞ EFFECTS
FLUID DYNAMICS
FLUID FLOW
MISSILE DESIGN
ROTATING CYLINDERS

MAGSAT A SATELLITE

GS ARTIFICIAL SATELLITES
.. SCIENTIFIC SATELLITES
.. MAGSAT SATELLITES
... **MAGSAT A SATELLITE**
RT GEOMAGNETISM
MAGNETOMETERS

MAGSAT B SATELLITE

GS ARTIFICIAL SATELLITES
.. SCIENTIFIC SATELLITES
.. MAGSAT SATELLITES
... **MAGSAT B SATELLITE**
RT GEOMAGNETISM
MAGNETOMETERS

MAGSAT SATELLITES

GS ARTIFICIAL SATELLITES
.. SCIENTIFIC SATELLITES
.. **MAGSAT SATELLITES**
... MAGSAT A SATELLITE
... MAGSAT B SATELLITE
... MAGSAT 1 SATELLITE
RT GEOMAGNETISM
MAGNETOMETERS

MAGSAT 1 SATELLITE

GS ARTIFICIAL SATELLITES
.. SCIENTIFIC SATELLITES
.. MAGSAT SATELLITES
... **MAGSAT 1 SATELLITE**
RT GEOMAGNETISM
MAGNETOMETERS

MAIN SEQUENCE STARS

GS CELESTIAL BODIES
.. STARS
... **MAIN SEQUENCE STARS**
... DWARF STARS
... DWARF NOVAE
... FLARE STARS
... RED DWARF STARS
... SUN
RT COLOR-MAGNITUDE DIAGRAM
EARLY STARS
F STARS
G STARS
GIANT STARS
K STARS
LATE STARS
M STARS
PRE-MAIN SEQUENCE STARS
STELLAR EVOLUTION
STELLAR MASS
SUBDWARF STARS
SUBGIANT STARS

MAINE

GS NATIONS
.. UNITED STATES
... **MAINE**
RT ST LAWRENCE VALLEY (NORTH AMERICA)

MAINTAINABILITY

RT DESIGN ANALYSIS
MAINTENANCE
RELIABILITY

MAINTENANCE

UF REPAIRING
TROUBLESHOOTING
GS **MAINTENANCE**
.. AIRCRAFT MAINTENANCE
.. FILE MAINTENANCE (COMPUTERS)
.. SPACE MAINTENANCE
.. SPACECRAFT MAINTENANCE
RT CHECKOUT
CONSTRUCTION
DAMAGE ASSESSMENT
DOWNTIME
EQUIPMENT SPECIFICATIONS
FAULT DETECTION
∞ FIXING
GROUND CREWS
GROUND SUPPORT EQUIPMENT
INSTALLING
LOGISTICS
LOGISTICS MANAGEMENT
LUBRICANTS
LUBRICATION
MAINTAINABILITY
MANUALS
MECHANICAL ENGINEERING
OPERATING COSTS

MAINTENANCE--(cont.)

RELIABILITY
REPLACING
SELF REPAIRING DEVICES
SERVICE LIFE
SHIPYARDS
SHOPS
SPARE PARTS
SPECIFICATIONS

MAINTENANCE TRAINING

GS EDUCATION
. **MAINTENANCE TRAINING**

MAJORITY CARRIERS

GS CHARGE CARRIERS
. **MAJORITY CARRIERS**
RT ADDITIVES
BIPOLAR TRANSISTORS
CARRIER INJECTION
ELECTRON MOBILITY
ELECTRONS
HOLES (ELECTRON DEFICIENCIES)
SEMICONDUCTORS (MATERIALS)

MALAGASY REPUBLIC

USE MADAGASCAR

MALAWI

GS NATIONS
. **MALAWI**
RT AFRICA

MALAYA

USE MALAYSIA

MALAYSIA

UF MALAYA
GS NATIONS
. **MALAYSIA**
RT ASIA

MALDIV ISLANDS

GS LANDFORMS
. ISLANDS
. **MALDIV ISLANDS**
NATIONS
. **MALDIV ISLANDS**

MALEATES

GS ESTERS
. **MALEATES**

MALES

RT CHILDREN
FEMALES
HUMAN BEINGS
SEX
SEX FACTOR

MALFUNCTIONS

RT ABORTED MISSIONS
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
DOWNTIME
ERRORS
FAILURE
SYSTEM FAILURES

MALI

GS NATIONS
. **MALI**
RT AFRICA

MALKUS THEORY

RT STATISTICAL MECHANICS
∞ THEORIES

MALLEABILITY

GS MECHANICAL PROPERTIES
. **MALLEABILITY**
RT DUCTILITY
METAL WORKING

MALONONITRILE

GS CYANIDES
. **MALONONITRILE**
NITRILES
. **MALONONITRILE**

MALTA

GS LANDFORMS
. ISLANDS
. **MALTA**

MALTA--(cont.)

NATIONS
. **MALTA**
RT MEDITERRANEAN SEA

MAMMALS

GS ANIMALS
. VERTEBRATES
. **MAMMALS**
. BATS
. BEARS
. CATS
. CATTLE
. CALVES
. DEER
. CARIBOUS
. DOGS
. GOATS
. HORSES
. MARINE MAMMALS
. DOLPHINS
. MANATEES
. PORPOISES
. SEALS (ANIMALS)
. WHALES
. MOLES
. PRIMATES
. APES
. CHIMPANZEES
. BABOONS
. HUMAN BEINGS
. MONKEYS
. RODENTS
. GUINEA PIGS
. HAMSTERS
. MICE
. JERBOAS
. POCKET MICE
. RABBITS
. RATS
. SQUIRRELS
. GROUND SQUIRRELS
. SHEEP
. SWINE
. WOLVES
RT EARTH RESOURCES
HOMEOTHERMS
MAMMARY GLANDS

MAMMARY GLANDS

GS ANATOMY
. GLANDS (ANATOMY)
. **MAMMARY GLANDS**
RT MAMMALS

MAN

USE HUMAN BEINGS

MAN ENVIRONMENT INTERACTIONS

RT CLIMATE CHANGE
DESERTIFICATION
ENVIRONMENT EFFECTS
ENVIRONMENT MANAGEMENT
HUMAN BEINGS
∞ INTERACTIONS
INTERNATIONAL
GEOSPHERE-BIOSPHERE PROGRAM
RESOURCES

MAN MACHINE SYSTEMS

GS **MAN MACHINE SYSTEMS**
. MAN-COMPUTER INTERFACE
RT ASTRONAUT PERFORMANCE
∞ AUTOMATION
BALANCING
BIONICS
BIOTECHNOLOGY
COMPUTER SYSTEMS DESIGN
CONSOLES
CYBERNETICS
DATA PROCESSING TERMINALS
DEPERSONALIZATION
DISPLAY DEVICES
∞ ENGINEERING
HUMAN FACTORS ENGINEERING
MANAGEMENT
MECHANIZATION
OFFICE AUTOMATION
PILOT INDUCED OSCILLATION
ROBOTICS
∞ SYSTEMS
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS MANAGEMENT
TELEOPERATORS

MAN MACHINE SYSTEMS--(cont.)

VIRTUAL REALITY
WORKSTATIONS

MAN OPERATED PROPULSION SYSTEMS

UF MOPS (PROPULSION SYSTEMS)
GS PROPULSION
. LOW THRUST PROPULSION
. **MAN OPERATED PROPULSION SYSTEMS**
RT ASTRONAUT LOCOMOTION
COMPRESSED AIR
EXTRAVEHICULAR ACTIVITY
GASEOUS ROCKET PROPELLANTS
MANNED SPACE FLIGHT
PILOT PERFORMANCE
RETROCKET ENGINES
∞ SYSTEMS

MAN POWERED AIRCRAFT

RT ∞ AIRCRAFT
HANG GLIDERS
SOARING
ULTRALIGHT AIRCRAFT
∞ WINGED VEHICLES

MAN TENDED FREE FLYERS

UF MTFF (SPACE STATION)
GS ARTIFICIAL SATELLITES
. SPACE STATIONS
. **MAN TENDED FREE FLYERS**
MANNED SPACECRAFT
. **MAN TENDED FREE FLYERS**
SPACE PLATFORMS
. **MAN TENDED FREE FLYERS**
STATIONS
. SPACE STATIONS
. **MAN TENDED FREE FLYERS**
RT COLUMBUS SPACE STATION
EUROPEAN SPACE PROGRAMS
ORBITAL SERVICING
SPACE STATION PAYLOADS
SPACEBORNE EXPERIMENTS
SPACECRAFT MODULES

MAN-COMPUTER INTERFACE

UF HUMAN-COMPUTER INTERFACE
USER-COMPUTER INTERFACE
GS MAN MACHINE SYSTEMS
. **MAN-COMPUTER INTERFACE**
RT COMMAND LANGUAGES
COMPUTER AIDED DESIGN
DATA PROCESSING TERMINALS
DISPLAY DEVICES
GRAPHICAL USER INTERFACE
HUMAN FACTORS ENGINEERING
NATURAL LANGUAGE PROCESSING
QUERY LANGUAGES
USER REQUIREMENTS
VIRTUAL REALITY

MANAGEMENT

UF ADMINISTRATION
GS **MANAGEMENT**
. CONFIGURATION MANAGEMENT
. CONTRACT MANAGEMENT
. DATA MANAGEMENT
. ENVIRONMENT MANAGEMENT
. FINANCIAL MANAGEMENT
. INDUSTRIAL MANAGEMENT
. ENGINEERING MANAGEMENT
. INVENTORY MANAGEMENT
. INVENTORY CONTROLS
. PERSONNEL MANAGEMENT
. INFORMATION MANAGEMENT
. RECORDS MANAGEMENT
. LOGISTICS MANAGEMENT
. INVENTORY MANAGEMENT
. INVENTORY CONTROLS
. MATRIX MANAGEMENT
. PROCUREMENT MANAGEMENT
. PRODUCTION MANAGEMENT
. PROJECT MANAGEMENT
. RESEARCH MANAGEMENT
. RESOURCES MANAGEMENT
. FOREST MANAGEMENT
. REFORESTATION
. LAND MANAGEMENT
. SAFETY MANAGEMENT
. SYSTEMS MANAGEMENT
. TERMINAL AREA ENERGY
MANAGEMENT
. TOTAL QUALITY MANAGEMENT
. WATER MANAGEMENT
. WEAPON SYSTEM MANAGEMENT

MANAGEMENT--(cont.)

RT AUTONOMY
CENTRAL ELECTRONIC MANAGEMENT SYSTEM
COMMAND AND CONTROL
CONTRACT NEGOTIATION
COST ANALYSIS
COST ESTIMATES
COST INCENTIVES
COST REDUCTION
CYBERNETICS
DECISION MAKING
DECISIONS
∞ DIRECTION
ECONOMIC ANALYSIS
ECONOMIC FACTORS
EVALUATION
FIDUCIARIES
FORECASTING
GERT
INCENTIVE TECHNIQUES
INCENTIVES
INFORMATION FLOW
MAN MACHINE SYSTEMS
MARKETING
MISSION PLANNING
OPERATIONS RESEARCH
PERFORMANCE PREDICTION
PERSONNEL DEVELOPMENT
PREJUDICES
PROBLEM SOLVING
PROCUREMENT POLICY
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
PROGRESS
PROJECT PLANNING
∞ RESEARCH PROJECTS
STATISTICAL ANALYSIS
SYSTEMS ENGINEERING

MANAGEMENT ANALYSIS

RT ∞ ANALYZING
COST ANALYSIS
GERT
PERT
TRADEOFFS

MANAGEMENT INFORMATION SYSTEMS

GS INFORMATION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
MANAGEMENT SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
RT COMPUTER TECHNIQUES
DATA BASE MANAGEMENT SYSTEMS
DATA RETRIEVAL
DATA STORAGE
DATA SYSTEMS
INFORMATION RETRIEVAL
INFORMATION THEORY
RECORDS MANAGEMENT
∞ SYSTEMS

MANAGEMENT METHODS

GS MANAGEMENT METHODS
DELPHI METHOD (FORECASTING)
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
RT COMPUTER TECHNIQUES
COST REDUCTION
CRITICAL PATH METHOD
DECISION MAKING
ESTIMATES
FORECASTING
GERT
INCENTIVES
MATRIX MANAGEMENT
∞ METHODOLOGY
NASA INTERACTIVE PLANNING SYSTEM
OPERATIONS RESEARCH
PERT
RETRAINING
STARSITE PROGRAM
SYSTEMS MANAGEMENT
TOTAL QUALITY MANAGEMENT

MANAGEMENT PLANNING

GS PLANNING
MANAGEMENT PLANNING
PRODUCTION PLANNING
PROJECT PLANNING
RT CONSULTING
COST ANALYSIS

MANAGEMENT PLANNING--(cont.)

COST REDUCTION
DECISION MAKING
∞ DEVELOPMENT
ECONOMY
ESTIMATES
FEASIBILITY ANALYSIS
FINANCE
FORECASTING
GERT
HUMAN RESOURCES
INTERFACES
LIFE CYCLE COSTS
MEDIATION
MISSION PLANNING
OPERATIONS RESEARCH
PERSONNEL MANAGEMENT
PERT
PROGRAM TREND LINE ANALYSIS
PROJECT MANAGEMENT
RESEARCH AND DEVELOPMENT
SELECTIVE DISSEMINATION OF INFORMATION
SYSTEMS ENGINEERING
TRADEOFFS
VALUE ENGINEERING

MANAGEMENT SYSTEMS

GS MANAGEMENT SYSTEMS
FLIGHT MANAGEMENT SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
RT COMPUTER TECHNIQUES
INFORMATION SYSTEMS
PROJECT MANAGEMENT
∞ SYSTEMS

MANATEES

GS ANIMALS
VERTEBRATES
MAMMALS
MARINE MAMMALS
MANATEES

MANDELSTAM REPRESENTATION

GS MODELS
MATHEMATICAL MODELS
MANDELSTAM REPRESENTATION
RT ELEMENTARY PARTICLE INTERACTIONS
INELASTIC SCATTERING
LORENTZ TRANSFORMATIONS
NUCLEAR SCATTERING
QUANTUM THEORY
SCATTERING AMPLITUDE

MANDRELS

RT CORES
MACHINE TOOLS
MOLDS
SHAFTS (MACHINE ELEMENTS)

MANEUVERABILITY

RT AIR SLEW MISSILES
AIRCRAFT CONTROL
AIRCRAFT MANEUVERS
AIRCRAFT PERFORMANCE
CONTROLLABILITY
FLIGHT CHARACTERISTICS
FLIGHT CONTROL
FLIGHT ENVELOPES
HELICOPTER PERFORMANCE
MANEUVERS
SPACECRAFT MANEUVERS

MANEUVERABLE REENTRY BODIES

GS REENTRY VEHICLES
MANEUVERABLE REENTRY BODIES
LIFTING REENTRY VEHICLES
FDL-5 REENTRY VEHICLE
HL-10 REENTRY VEHICLE
HLD-35 REENTRY VEHICLE
JANUS SPACECRAFT
M-2 LIFTING BODY
M-2F2 LIFTING BODY
X-20 AIRCRAFT
X-24 AIRCRAFT
RT ∞ BODIES

MANEUVERABLE SPACECRAFT

GS MANEUVERABLE SPACECRAFT
AEROSPACE PLANES
HOTOL LAUNCH VEHICLE
X-30 VEHICLE
APOLLO SPACECRAFT

MANEUVERABLE SPACECRAFT--(cont.)

APOLLO LUNAR EXPERIMENT MODULE
ASTRO VEHICLE
EVASIVE SATELLITES
FERRY SPACECRAFT
JANUS SPACECRAFT
RENDEZVOUS SPACECRAFT
X-20 AIRCRAFT
RT ARTIFICIAL SATELLITES
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR PROBES
LUNAR SATELLITES
MANNED SPACECRAFT
MARS (MANNED REUSABLE SPACECRAFT)
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
SPACE PROBES
∞ SPACECRAFT
SPACECRAFT MANEUVERS
THRUST VECTOR CONTROL

MANEUVERS

GS MANEUVERS
AIRCRAFT MANEUVERS
EVASIVE ACTIONS
HOVERING
ORBITAL RENDEZVOUS
EARTH ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
SIDESLIP
SPACECRAFT DOCKING
SPACECRAFT MANEUVERS
ORBITAL MANEUVERS
RT AEROBATICS
AIRCRAFT SPIN
FLIGHT CONTROL
LANDING
MANEUVERABILITY
MINOR CIRCLE TURNING FLIGHT
SELF MANEUVERING UNITS
TAKEOFF
TURNING FLIGHT

MANGANESE

GS CHEMICAL ELEMENTS
MANGANESE
MANGANESE ISOTOPES
METALS
TRANSITION METALS
MANGANESE
MANGANESE ISOTOPES
RT STRATEGIC MATERIALS

MANGANESE ALLOYS

GS ALLOYS
MANGANESE ALLOYS
MANGANIN (TRADEMARK)

MANGANESE COMPOUNDS

GS MANGANESE COMPOUNDS
MANGANESE OXIDES
HOPCALITE (TRADEMARK)
MANGANESE PHOSPHIDES
PERMANGANATES
RT ∞ CHEMICAL COMPOUNDS
GROUP 7B COMPOUNDS
METAL COMPOUNDS

MANGANESE IONS

GS IONS
METAL IONS
MANGANESE IONS
RT PERMANGANATES

MANGANESE ISOTOPES

UF MANGANESE 53
MANGANESE 54
MANGANESE 56
GS CHEMICAL ELEMENTS
MANGANESE
MANGANESE ISOTOPES
NUCLIDES
ISOTOPES
MANGANESE ISOTOPES
METALS
TRANSITION METALS
MANGANESE
MANGANESE ISOTOPES

MANGANESE OXIDES

GS CHALCOGENIDES

MANGANESE OXIDES--(cont.)

. OXIDES
 . . METAL OXIDES
 . . . **MANGANESE OXIDES**
 HOPCALITE (TRADEMARK)
 MANGANESE COMPOUNDS
 . **MANGANESE OXIDES**
 . . HOPCALITE (TRADEMARK)

MANGANESE PHOSPHIDES

GS MANGANESE COMPOUNDS
 . **MANGANESE PHOSPHIDES**
 PHOSPHORUS COMPOUNDS
 . PHOSPHIDES
 . . **MANGANESE PHOSPHIDES**

MANGANESE 53

USE MANGANESE ISOTOPES

MANGANESE 54

USE MANGANESE ISOTOPES

MANGANESE 56

USE MANGANESE ISOTOPES

MANGANIN (TRADEMARK)

GS ALLOYS
 . COPPER ALLOYS
 . . **MANGANIN (TRADEMARK)**
 . MANGANESE ALLOYS
 . . **MANGANIN (TRADEMARK)**
 RT ELECTRICAL RESISTANCE
 THERMOCOUPLES

MANIFOLDS

RT AIR INTAKES
 EXHAUST SYSTEMS
 FUEL SYSTEMS
 INTAKE SYSTEMS
 PIPES (TUBES)
 PLENUM CHAMBERS
 ∞ TUBES
 ∞ WATER INTAKES

MANIFOLDS (MATHEMATICS)

GS **MANIFOLDS (MATHEMATICS)**
 . RIEMANN MANIFOLD
 RT COORDINATES
 CURVES (GEOMETRY)
 FIBERS (MATHEMATICS)
 FIXED POINTS (MATHEMATICS)
 TOPOLOGY

MANIPULATION

USE MANIPULATORS

MANIPULATORS

SN (LIMITED TO MECHANICAL DEVICES FOR
 REMOTE HANDLING)
 UF MANIPULATION
 GS **MANIPULATORS**
 . REMOTE MANIPULATOR SYSTEM
 RT CONTROL EQUIPMENT
 ∞ EFFECTORS
 END EFFECTORS
 INVERSE KINEMATICS
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 REMOTE CONTROL
 REMOTE HANDLING
 ROBOT ARMS
 ROBOT DYNAMICS
 ROBOTICS
 SERVOCONTROL
 SHIELDING
 TACTILE SENSORS (ROBOTICS)
 TELEOPERATORS
 TELEROBOTICS
 TORQUE SENSORS (ROBOTICS)

MANITOBA

GS NATIONS
 . CANADA
 . . **MANITOBA**

MANITOU (CO)

GS CITIES
 . **MANITOU (CO)**
 RT COLORADO

MANN-WHITNEY-WILCOXON U TEST

GS STATISTICAL ANALYSIS
 . STATISTICAL TESTS
 . . **MANN-WHITNEY-WILCOXON U TEST**

MANN-WHITNEY-WILCOXON U TEST--(cont.)

RT QUALITY CONTROL

MANNED AERODYNAMIC REUSABLE SPACESHIP

USE MARS (MANNED REUSABLE
 SPACECRAFT)

MANNED LUNAR SURFACE VEHICLES

GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . . LUNAR ROVING VEHICLES
 . . . **MANNED LUNAR SURFACE
 VEHICLES**
 RT CRAWLER TRACTORS
 LUNAR LOGISTICS
 LUNAR MOBILE LABORATORIES
 ∞ SURFACES
 ∞ VEHICLES
 WALKING MACHINES

MANNED MANEUVERING UNITS

SN (LIMITED TO ASTRONAUT PROPULSIVE
 UNITS OF THAT NAME DESIGNED FOR
 THE SPACE TRANSPORTATION SYSTEM
 AND THE SPACE STATION)
 GS ASTRONAUT MANEUVERING EQUIPMENT
 . **MANNED MANEUVERING UNITS**
 RT ASTRONAUT LOCOMOTION
 EXTRAVEHICULAR ACTIVITY
 LIFE SUPPORT SYSTEMS
 ORBITAL SERVICING
 SELF MANEUVERING UNITS
 SPACE TRANSPORTATION SYSTEM

MANNED MARS MISSIONS

GS SPACE MISSIONS
 . **MANNED MARS MISSIONS**
 RT INTERPLANETARY FLIGHT
 INTERPLANETARY SPACECRAFT
 LONG DURATION SPACE FLIGHT
 MANNED SPACECRAFT
 MARS (PLANET)
 NASA SPACE PROGRAMS
 RETURN TO EARTH SPACE FLIGHT
 SPACE EXPLORATION
 TERRAFORMING

MANNED ORBITAL LABORATORIES

UF MOL (ORBITAL LABORATORIES)
 MORL
 GS LABORATORIES
 . SPACE LABORATORIES
 . . **MANNED ORBITAL LABORATORIES**
 . . . SKYLAB 1
 . . . SKYLAB 2
 . . . SKYLAB 3
 . . . SKYLAB 4
 . . . SPACELAB
 MANNED SPACECRAFT
 . **MANNED ORBITAL LABORATORIES**
 . . SKYLAB 1
 . . SKYLAB 2
 . . SKYLAB 3
 . . SKYLAB 4
 . . SPACELAB
 RT APOLLO SPACECRAFT
 COLUMBUS SPACE STATION
 ORBITAL WORKSHOPS
 RECONNAISSANCE SPACECRAFT
 SPACE STATIONS
 ∞ SPACECRAFT
 TITAN 3 LAUNCH VEHICLE

MANNED ORBITAL SPACE STATIONS

USE SPACE STATIONS

MANNED ORBITAL TELESCOPES

UF MOT (ORBITAL TELESCOPES)
 GS TELESCOPES
 . **MANNED ORBITAL TELESCOPES**
 . . APOLLO TELESCOPE MOUNT
 RT OAO

MANNED REENTRY

GS ATMOSPHERIC ENTRY
 . REENTRY
 . . **MANNED REENTRY**
 SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . **MANNED REENTRY**
 RT DESCENT TRAJECTORIES
 ENVIRONMENTAL CONTROL
 LIFTING REENTRY VEHICLES
 REENTRY COMMUNICATION
 SPACECRAFT REENTRY

MANNED SPACE FLIGHT

GS SPACE FLIGHT

MANNED SPACE FLIGHT

. . . APOLLO FLIGHTS
 . . . APOLLO 5 FLIGHT
 . . . APOLLO 6 FLIGHT
 . . . APOLLO 7 FLIGHT
 . . . APOLLO 8 FLIGHT
 . . . APOLLO 9 FLIGHT
 . . . APOLLO 10 FLIGHT
 . . . APOLLO 11 FLIGHT
 . . . APOLLO 12 FLIGHT
 . . . APOLLO 13 FLIGHT
 . . . APOLLO 14 FLIGHT
 . . . APOLLO 15 FLIGHT
 . . . APOLLO 16 FLIGHT
 . . . APOLLO 17 FLIGHT
 . . GEMINI FLIGHTS
 . . . GEMINI 3 FLIGHT
 . . . GEMINI 4 FLIGHT
 . . . GEMINI 5 FLIGHT
 . . . GEMINI 6 FLIGHT
 . . . GEMINI 7 FLIGHT
 . . . GEMINI 8 FLIGHT
 . . . GEMINI 9 FLIGHT
 . . . GEMINI 10 FLIGHT
 . . . GEMINI 11 FLIGHT
 . . . GEMINI 12 FLIGHT
 . . MANNED REENTRY
 . . MERCURY FLIGHTS
 . . . MERCURY MA-1 FLIGHT
 . . . MERCURY MA-2 FLIGHT
 . . . MERCURY MA-3 FLIGHT
 . . . MERCURY MA-4 FLIGHT
 . . . MERCURY MA-5 FLIGHT
 . . . MERCURY MA-6 FLIGHT
 . . . MERCURY MA-7 FLIGHT
 . . . MERCURY MA-8 FLIGHT
 . . . MERCURY MA-9 FLIGHT
 . . . MERCURY MR-1 FLIGHT
 . . . MERCURY MR-2 FLIGHT
 . . . MERCURY MR-3 FLIGHT
 . . . MERCURY MR-4 FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . SPACE SHUTTLE MISSION 31-A
 . . . SPACE SHUTTLE MISSION 31-B
 . . . SPACE SHUTTLE MISSION 31-C
 . . . SPACE SHUTTLE MISSION 31-D
 . . . SPACE SHUTTLE MISSION 41-A
 . . . SPACE SHUTTLE MISSION 41-B
 . . . SPACE SHUTTLE MISSION 41-C
 . . . SPACE SHUTTLE MISSION 41-D
 . . . SPACE SHUTTLE MISSION 41-G
 . . . SPACE SHUTTLE MISSION 51-A
 . . . SPACE SHUTTLE MISSION 51-B
 . . . SPACE SHUTTLE MISSION 51-C
 . . . SPACE SHUTTLE MISSION 51-D
 . . . SPACE SHUTTLE MISSION 51-E
 . . . SPACE SHUTTLE MISSION 51-F
 . . . SPACE SHUTTLE MISSION 51-G
 . . . SPACE SHUTTLE MISSION 51-H
 . . . SPACE SHUTTLE MISSION 51-I
 . . . SPACE SHUTTLE MISSION 51-J
 . . . SPACE SHUTTLE MISSION 51-L
 . . . SPACE SHUTTLE MISSION 61-A
 . . . SPACE SHUTTLE MISSION 61-B
 . . . SPACE SHUTTLE MISSION 61-C
 . . . SPACE SHUTTLE MISSION 61-E
 RT AEROSPACE ENVIRONMENTS
 APOLLO EXTENSION SYSTEM
 ATLANTIS (ORBITER)
 COLUMBIA (ORBITER)
 DISCOVERY (ORBITER)
 ENTERPRISE (ORBITER)
 EXTRAVEHICULAR ACTIVITY
 GEMINI (GT-1) SPACECRAFT
 GEMINI B SPACECRAFT
 GEMINI SPACECRAFT
 GEMINI 2 SPACECRAFT
 HUMAN FACTORS ENGINEERING
 INDIAN SPACE PROGRAM
 INTERPLANETARY FLIGHT
 INTERSTELLAR TRAVEL
 INTRAVEHICULAR ACTIVITY
 LONG DURATION SPACE FLIGHT
 MAN OPERATED PROPULSION SYSTEMS
 MERCURY PROJECT
 SPACE ADAPTATION SYNDROME
 SPACE COMMUNICATION
 SPACE EXPLORATION
 SPACE FLIGHT STRESS
 SPACE LOGISTICS
 SPACE PROGRAMS
 SPACE PSYCHOLOGY
 SPACE SHUTTLE ORBITERS
 SPACE SHUTTLES

MANNED SPACE FLIGHT--(cont.)

SPACECREW TRANSFER
SUBORBITAL FLIGHT

MANNED SPACE FLIGHT NETWORK

GS TRACKING NETWORKS
RT **MANNED SPACE FLIGHT NETWORK**
ADVANCED RANGE INSTRUMENTATION
SHIP
∞ NETWORKS
UNIFIED S BAND

MANNED SPACECRAFT

GS **MANNED SPACECRAFT**
AEROSPACE PLANES
HOTOL LAUNCH VEHICLE
X-30 VEHICLE
APOLLO SPACECRAFT
APOLLO LUNAR EXPERIMENT
MODULE
ASTRO VEHICLE
COLUMBUS SPACE STATION
FERRY SPACECRAFT
GEMINI B SPACECRAFT
GEMINI SPACECRAFT
GEMINI (GT-1) SPACECRAFT
GEMINI 2 SPACECRAFT
JANUS SPACECRAFT
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MAN TENDED FREE FLYERS
MANNED ORBITAL LABORATORIES
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACELAB
MARS (MANNED REUSABLE
SPACECRAFT)
MERCURY SPACECRAFT
AURORA 7
FAITH 7
FRIENDSHIP 7
SIGMA 7
MIR SPACE STATION
ORBITAL WORKSHOPS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SALYUT SPACE STATION
SOYUZ SPACECRAFT
SPACE OPERATIONS CENTER (NASA)
SPACE SHUTTLE ORBITERS
ATLANTIS (ORBITER)
CHALLENGER (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENDEAVOUR (ORBITER)
ENTERPRISE (ORBITER)
SPACE SHUTTLES
BURAN SPACE SHUTTLE
HERMES MANNED SPACEPLANE
VOSKHOD MANNED SPACECRAFT
VOSKHOD 1 SPACECRAFT
VOSKHOD 2 SPACECRAFT
VOSTOK SPACECRAFT
VOSTOK 1 SPACECRAFT
VOSTOK 2 SPACECRAFT
VOSTOK 3 SPACECRAFT
VOSTOK 4 SPACECRAFT
VOSTOK 5 SPACECRAFT
VOSTOK 6 SPACECRAFT
RT APOLLO PROJECT
APOLLO SOYUZ TEST PROJECT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
APPROACH AND LANDING TESTS (STS)
ARTIFICIAL SATELLITES
BIOSATELLITES

MANNED SPACECRAFT--(cont.)

BOOSTGLIDE VEHICLES
COMMAND SERVICE MODULES
ENVIRONMENTAL CONTROL
GRAVITY GRADIENT SATELLITES
INTERPLANETARY SPACECRAFT
LANDING MODULES
LIFTING REENTRY VEHICLES
LUNAR LANDING MODULES
LUNAR SATELLITES
LUNAR SPACECRAFT
MANEUVERABLE SPACECRAFT
MANNED MARS MISSIONS
MERCURY FLIGHTS
MERCURY PROJECT
MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SHUTTLE DERIVED VEHICLES
SPACE CAPSULES
SPACE NAVIGATION
SPACE SHUTTLE BOOSTERS
SPACE STATIONS
∞ SPACECRAFT
SPACECRAFT CABIN SIMULATORS
UNMANNED SPACECRAFT
X-20 AIRCRAFT

MANNING THEORY

RT FLUID FLOW
∞ THEORIES
WALL FLOW

MANNITOL

GS ORGANIC COMPOUNDS
CARBOHYDRATES
SUGARS
MANNITOL

MANOMETERS

UF MICROMANOMETERS
U TUBES
GS MEASURING INSTRUMENTS
PRESSURE GAGES
MANOMETERS
RT BAROMETERS
BLOOD PRESSURE
FLAME PROBES
PRESSURE DISTRIBUTION
PRESSURE MEASUREMENT
VACUUM GAGES

MANPOWER

GS **MANPOWER**
ENGINEERS
SCIENTISTS
RT ENGINEERING MANAGEMENT
HUMAN RESOURCES
LABOR
PERSONNEL
RESEARCH MANAGEMENT
RESOURCES
RETRAINING

MANTLE (EARTH STRUCTURE)

USE EARTH MANTLE

∞ MANUAL

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT MANUAL CONTROL
MANUALS

MANUAL CONTROL

GS **MANUAL CONTROL**
VISUAL CONTROL
RT AIRCRAFT CONTROL
ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ BUTTONS
CONSOLES
∞ CONTROL
CONTROL BOARDS
CONTROL EQUIPMENT
DIRECTIONAL CONTROL
ENGINE CONTROL
GUIDANCE (MOTION)
HANDLES
HELICOPTER CONTROL
HUMAN FACTORS ENGINEERING
KNOBS
LANDING INSTRUMENTS

MANUAL CONTROL--(cont.)

LATERAL CONTROL
LEVERS
LONGITUDINAL CONTROL
∞ MANUAL
PEDALS
REENTRY GUIDANCE
REMOTE CONTROL
SATELLITE CONTROL
SATELLITE GUIDANCE
SERVOCONTROL
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
SPEED CONTROL
TEMPERATURE CONTROL

MANUALS

GS DOCUMENTS
MANUALS
INSTALLATION MANUALS
USER MANUALS (COMPUTER
PROGRAMS)
RT DIRECTORIES
HANDBOOKS
MAINTENANCE
∞ MANUAL
TEXTBOOKS

MANUFACTURING

GS **MANUFACTURING**
COMPUTER AIDED MANUFACTURING
LOW GRAVITY MANUFACTURING
SPACE MANUFACTURING
RT AIRCRAFT PRODUCTION COSTS
COMMERCE
COMMODITIES
CONTAINERLESS MELTS
CONTRACT NEGOTIATION
ECONOMIC DEVELOPMENT
FABRICATION
INDUSTRIES
KRAFT PROCESS (WOODPULP)
∞ PROCESSING
PRODUCTION MANAGEMENT
PRODUCTS
SPACE INDUSTRIALIZATION
TECHNOLOGIES
TECHNOLOGY ASSESSMENT
TECHNOLOGY UTILIZATION

MANURES

GS WASTES
MANURES
RT BIOMASS ENERGY PRODUCTION
METABOLIC WASTES
WASTE DISPOSAL
WASTE UTILIZATION

MANY BODY PROBLEM

UF MANY PARTICLE THEORY
N-BODY PROBLEM
RT BCS THEORY
CELESTIAL MECHANICS
ELEMENTARY EXCITATIONS
FIELD THEORY (PHYSICS)
FOUR BODY PROBLEM
GREEN'S FUNCTIONS
HARTREE APPROXIMATION
ORBITAL MECHANICS
ORBITS
PARTICLE THEORY
PERTURBATION
PERTURBATION THEORY
∞ PROBLEMS
QUANTUM STATISTICS
STATISTICAL MECHANICS
SUPERFLUIDITY
THREE BODY PROBLEM
TROJAN ORBITS
TWO BODY PROBLEM

MANY ELECTRON EFFECTS

RT AUTOIONIZATION
ELECTRON CAPTURE
ELECTRON SCATTERING
ELECTRON STATES
ELECTRON TRANSITIONS

MANY PARTICLE THEORY

USE MANY BODY PROBLEM

MAP (PROGRAMMING LANGUAGE)

GS LANGUAGES
PROGRAMMING LANGUAGES
ASSEMBLY LANGUAGE

MAP (PROGRAMMING LANGUAGE)--(cont.)

RT **MAP (PROGRAMMING LANGUAGE)**
COMPUTER PROGRAMMING

MAP MATCHING GUIDANCE

GS GUIDANCE (MOTION)
RT **MAP MATCHING GUIDANCE**
AIRBORNE EQUIPMENT
DISPLAY DEVICES
IMAGE CORRELATORS
RADAR MAPS
RADAR NAVIGATION
TERCOM
VIDEO LANDMARK ACQUISITION AND TRACKING

MAPPING

SN (EXCLUDES CONFORMAL MAPPING)
UF CARTOGRAPHY
FLUX MAPPING
GS **MAPPING**
CADASTRAL MAPPING
COMPUTER AIDED MAPPING
ICE MAPPING
PHOTOMAPPING
PLANETARY MAPPING
SOIL MAPPING
THEMATIC MAPPING
THERMAL MAPPING
RT ASTROGRAPHY
BONNE PROJECTION
CONTOURS
DECLINATION
FIXED POINTS (MATHEMATICS)
FUNCTIONS (MATHEMATICS)
GEOGRAPHIC APPLICATIONS PROGRAM
GEOGRAPHY
HEAT CAPACITY MAPPING MISSION
HYPSONOGRAPHY
MAPS
MAPSAT
ORTHOPHOTOGRAPHY
PHOENIX QUADRANGLE (AZ)
PHOTOGRAMMETRY
PHOTOGRAPHY
SCALE (RATIO)
SPOT (FRENCH SATELLITE)
SURVEYS
TERRAIN ANALYSIS
TOPOGRAPHY
TOPOLOGY
TRIANGULATION

MAPS

GS **MAPS**
ASTRONOMICAL MAPS
PLANISPHERES
LUNAR MAPS
METEOROLOGICAL CHARTS
PHOTOMAPS
RADAR CLUTTER MAPS
RADAR MAPS
RELIEF MAPS
RT BONNE PROJECTION
CADASTRAL MAPPING
CHARTS
COMPUTER AIDED MAPPING
COORDINATES
DATUM (ELEVATION)
GEOGRAPHY
GLOBES
HYPSONOGRAPHY
MAPPING
MERCATOR PROJECTION
NAVIGATION AIDS
PHOTOMAPPING
SOIL MAPPING
SURVEYS
THEMATIC MAPPING

MAPSAT

GS ARTIFICIAL SATELLITES
RT **MAPSAT**
LANDSAT SATELLITES
MAPPING
REMOTE SENSING
STEREOPHOTOGRAPHY

MARAGING

GS HARDENING (MATERIALS)
PRECIPITATION HARDENING
RT **MARAGING**
HEAT TREATMENT
MARTENSITIC STAINLESS STEELS
STAINLESS STEELS

MARAGING STEELS

GS ALLOYS
HIGH STRENGTH ALLOYS
HIGH STRENGTH STEELS
RT **MARAGING STEELS**
IRON ALLOYS
STEELS
HIGH STRENGTH STEELS
MARTENSITIC STAINLESS STEELS
STAINLESS STEELS

MARANGONI CONVECTION

GS CONVECTION
RT **MARANGONI CONVECTION**
CONVECTIVE FLOW
FREE CONVECTION
INTERFACIAL TENSION
LIQUID BRIDGES
LOW GRAVITY MANUFACTURING
MELTS (CRYSTAL GROWTH)
MICROGRAVITY
SPACE PROCESSING

MARBORE 2 ENGINE

USE J-69-T-25 ENGINE

MARECS MARITIME SATELLITES

GS ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
RT **MARECS MARITIME SATELLITES**
ESA SATELLITES
MARECS MARITIME SATELLITES
MARITIME SATELLITES
ESA SPACECRAFT
ESA SATELLITES
EUROPEAN SPACE PROGRAMS
SATELLITE NETWORKS

MARGINS

RT BORDERS
EDGES
RIMS

MARIA

GS **MARIA**
LUNAR MARIA
RT LAVA
METEORITE CRATERS
TOPOGRAPHY

MARIJUANA

GS DRUGS
PSYCHOTROPIC DRUGS
RT **MARIJUANA**
ALKALOIDS

MARINE BIOLOGY

RT ALGAE
AQUATIC PLANTS
AQUICULTURE
BIOLOGY
ENVIRONMENT EFFECTS
ENVIRONMENTAL QUALITY
FISHERIES
LIMNOLOGY
OCEANOGRAPHY
PHYTOPLANKTON
SCIENCE
SEA GRASSES
SEALS (ANIMALS)
SEAWEEDS
SHELLFISH
THERMAL POLLUTION
WATERFOWL
WETLANDS
ZOOPLANKTON

MARINE CHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
RT **MARINE CHEMISTRY**
BIOCHEMISTRY
CHEMISTRY
GEOCHEMISTRY
HYDROLOGY
LIMNOLOGY
OCEAN BOTTOM
SCIENCE
SEDIMENTS

MARINE ENVIRONMENTS

GS ENVIRONMENTS

MARINE ENVIRONMENTS--(cont.)

RT **MARINE ENVIRONMENTS**
AQUICULTURE
BEACHES
COASTAL ECOLOGY
COASTS
ENVIRONMENT EFFECTS
ICE ENVIRONMENTS
NEARSHORE WATER
OCEAN MODELS
OCEANOGRAPHY
RED TIDE
SEA BREEZE
SHELLFISH
WATERFOWL
WETLANDS

MARINE MAMMALS

GS ANIMALS
VERTEBRATES
MAMMALS
RT **MARINE MAMMALS**
DOLPHINS
MANATEES
PORPOISES
SEALS (ANIMALS)
WHALES

MARINE METEOROLOGY

GS METEOROLOGY
HYDROMETEOROLOGY
RT **MARINE METEOROLOGY**
FRONTS (METEOROLOGY)
OCEANOGRAPHY
SCIENCE
TYPHOONS
WIND (METEOROLOGY)

MARINE NAVIGATION

USE SURFACE NAVIGATION

MARINE PROPULSION

GS PROPULSION
RT **MARINE PROPULSION**
UNDERWATER PROPULSION
SUBMARINE PROPULSION
CHEMICAL PROPULSION
ELECTRIC PROPULSION
JET PROPULSION
NUCLEAR ELECTRIC PROPULSION
NUCLEAR PROPULSION
PROPELLER DRIVE
SAVANNAH NUCLEAR SHIP

MARINE RESOURCES

GS RESOURCES
EARTH RESOURCES
RT **MARINE RESOURCES**
AQUICULTURE
COASTAL ECOLOGY
FISHERIES
OCEANOGRAPHY
OCEANS
SEA WATER
SHELLFISH
UNDERWATER RESOURCES
WATER POLLUTION
WETLANDS

MARINE RUDDERS

GS CONTROL SURFACES
RUDDERS
RT **MARINE RUDDERS**
AERIAL RUDDERS
HYDROFOILS
TAIL ASSEMBLIES

MARINE TECHNOLOGY

GS TECHNOLOGIES
RT **MARINE TECHNOLOGY**
AQUICULTURE
ARTIFICIAL HARBORS
DEEPWATER TERMINALS
OCEANOGRAPHY
OFFSHORE DOCKING
OFFSHORE ENERGY SOURCES
OFFSHORE PLATFORMS
TANKER TERMINALS
WHARVES

MARINE TRANSPORTATION

GS TRANSPORTATION
RT **MARINE TRANSPORTATION**
AIR TRANSPORTATION
DEEPWATER TERMINALS

MARINE TRANSPORTATION--(cont.)

HARBORS
 OFFSHORE DOCKING
 RAIL TRANSPORTATION
 SHIPS
 TANKER SHIPS
 WATER VEHICLES

MARINER C SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACECRAFT
 . . **MARINER C SPACECRAFT**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACECRAFT
 . . . **MARINER C SPACECRAFT**

MARINER JUPITER-SATURN FLYBY

GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . GRAND TOURS
 . . . **MARINER JUPITER-SATURN FLYBY**
 RT INTERPLANETARY FLIGHT
 ∞ MISSIONS
 SPACE FLIGHT

MARINER JUPITER-URANUS FLYBY

GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . GRAND TOURS
 . . . **MARINER JUPITER-URANUS FLYBY**
 RT INTERPLANETARY FLIGHT
 ∞ MISSIONS
 SPACE FLIGHT

MARINER MARK 2 SPACECRAFT

RT CASSINI MISSION
 COMET RENDEZVOUS ASTEROID FLYBY
 MISSION
 FLYBY MISSIONS
 INTERPLANETARY FLIGHT
 ∞ SPACECRAFT

MARINER PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . **MARINER PROGRAM**
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 **MARINER PROGRAM**
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 RT AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES
 ATLAS AGENA LAUNCH VEHICLES
 ATLAS LAUNCH VEHICLES
 CENTAUR PROJECT
 FLYBY MISSIONS
 MARS PROBES
 SPACE PROBES
 UNMANNED SPACECRAFT
 VENUS PROBES

MARINER R 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER R 2 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER R 2 SPACE PROBE**

MARINER SPACE PROBES

GS INTERPLANETARY SPACECRAFT
 . **MARINER SPACE PROBES**
 . . MARINER R 2 SPACE PROBE
 . . . MARINER 1 SPACE PROBE
 . . . MARINER 2 SPACE PROBE
 . . . MARINER 3 SPACE PROBE
 . . . MARINER 4 SPACE PROBE
 . . . MARINER 5 SPACE PROBE
 . . . MARINER 6 SPACE PROBE
 . . . MARINER 7 SPACE PROBE
 . . . MARINER 8 SPACE PROBE
 . . . MARINER 9 SPACE PROBE
 . . . MARINER 10 SPACE PROBE
 . . . MARINER 11 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . **MARINER SPACE PROBES**
 . . . MARINER R 2 SPACE PROBE
 . . . MARINER 1 SPACE PROBE

MARINER SPACE PROBES--(cont.)

. . . MARINER 2 SPACE PROBE
 . . . MARINER 3 SPACE PROBE
 . . . MARINER 4 SPACE PROBE
 . . . MARINER 5 SPACE PROBE
 . . . MARINER 6 SPACE PROBE
 . . . MARINER 7 SPACE PROBE
 . . . MARINER 8 SPACE PROBE
 . . . MARINER 9 SPACE PROBE
 . . . MARINER 10 SPACE PROBE
 . . . MARINER 11 SPACE PROBE

MARINER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . **MARINER SPACECRAFT**
 . . MARINER C SPACECRAFT
 . . . MARINER VENUS 67 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . **MARINER SPACECRAFT**
 . . . MARINER C SPACECRAFT
 . . . MARINER VENUS 67 SPACECRAFT

MARINER VENUS 67 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACECRAFT
 . . **MARINER VENUS 67 SPACECRAFT**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACECRAFT
 . . . **MARINER VENUS 67 SPACECRAFT**
 RT VENUS PROBES

MARINER VENUS-MERCURY 1973

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . MARINER PROGRAM
 **MARINER VENUS-MERCURY 1973**
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 MARINER PROGRAM
 **MARINER VENUS-MERCURY 1973**
 SPACE MISSIONS
 FLYBY MISSIONS
 **MARINER VENUS-MERCURY 1973**
 RT MARINER 10 SPACE PROBE
 MARINER-MERCURY 1973

MARINER 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 1 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 1 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 1 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 1 SPACE PROBE**

MARINER 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 2 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 2 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 2 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 2 SPACE PROBE**
 RT ATLAS AGENA B LAUNCH VEHICLE

MARINER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 3 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 3 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 3 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 3 SPACE PROBE**

MARINER 4 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 4 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 4 SPACE PROBE**

MARINER 4 SPACE PROBE--(cont.)

UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 4 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 4 SPACE PROBE**

MARINER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 5 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 5 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 5 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 5 SPACE PROBE**
 RT ATLAS AGENA LAUNCH VEHICLES

MARINER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 6 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 6 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 6 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 6 SPACE PROBE**
 RT ATLAS AGENA LAUNCH VEHICLES
 MARS 69 PROJECT

MARINER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 7 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 7 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 7 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 7 SPACE PROBE**
 RT MARS 69 PROJECT

MARINER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 8 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 8 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 8 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 8 SPACE PROBE**
 RT MARS 71 PROJECT

MARINER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 9 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 9 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 9 SPACE PROBE**
 . . . MARS PROBES
 **MARINER 9 SPACE PROBE**

MARINER 10 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . **MARINER 10 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 10 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACE PROBES
 . . . **MARINER 10 SPACE PROBE**
 . . . VENUS PROBES
 **MARINER 10 SPACE PROBE**
 RT MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973

MARINER 11 SPACE PROBE

GS INTERPLANETARY SPACECRAFT

MARINER 11 SPACE PROBE--(cont.)
 . MARINER SPACE PROBES
 . **MARINER 11 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARINER SPACE PROBES
 . **MARINER 11 SPACE PROBE**

MARINER-MERCURY 1973
 GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . MARINER PROGRAM
 . . . **MARINER-MERCURY 1973**
 . SPACE PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . MARINER PROGRAM
 . . . **MARINER-MERCURY 1973**
 SPACE MISSIONS
 . FLYBY MISSIONS
 . **MARINER-MERCURY 1973**
 RT MARINER VENUS-MERCURY 1973
 MARINER 10 SPACE PROBE

MARISAT SATELLITES
 GS ARTIFICIAL SATELLITES
 . **MARISAT SATELLITES**
 . . MARISAT 1 SATELLITE
 RT COMMUNICATION
 FLEET SATELLITE COMMUNICATION
 SYSTEM
 MAROTS (ESA)
 RADIO COMMUNICATION

MARISAT 1 SATELLITE
 GS ARTIFICIAL SATELLITES
 . MARISAT SATELLITES
 . . **MARISAT 1 SATELLITE**
 RT RADIO COMMUNICATION

MARITIME COMMUNICATION SATELLITE (ESA)
 USE MAROTS (ESA)

MARITIME ORBITAL TEST SATELLITE
 USE MAROTS (ESA)

MARITIME SATELLITES
 GS ARTIFICIAL SATELLITES
 . **MARITIME SATELLITES**
 . . ERS-1 (ESA SATELLITE)
 . . MARECS MARITIME SATELLITES
 . . MAROTS (ESA)
 RT MSAT
 NATIONAL OCEANIC SATELLITE SYSTEM
 TOPEX

MARK 1 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 1 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC
 MISSILES

MARK 1 SPACECRAFT
 RT ∞SPACECRAFT

MARK 2 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 2 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC
 MISSILES

MARK 3 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 3 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC
 MISSILES

MARK 4 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 4 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 5 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 5 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 6 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 6 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 11 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 11 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 12 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 12 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARK 17 REENTRY BODY
 GS REENTRY VEHICLES
 . **MARK 17 REENTRY BODY**
 RT INTERCONTINENTAL BALLISTIC MISSILES

MARKARIAN GALAXIES
 GS CELESTIAL BODIES
 . GALAXIES
 . . ACTIVE GALAXIES
 . . . **MARKARIAN GALAXIES**
 RT SEYFERT GALAXIES

MARKERS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BEACONS
 BUOYS
 CRAYONS
 DYES
 RADIO BEACONS
 RUNWAY LIGHTS
 SMOKE

MARKET RESEARCH
 GS RESEARCH
 . **MARKET RESEARCH**
 RT COMMERCE
 COMMODITIES
 CONSUMERS
 MARKETING
 PRODUCT DEVELOPMENT

MARKETING
 RT COMMERCE
 CONSUMERS
 FINANCE
 INDUSTRIAL AREAS
 MANAGEMENT
 MARKET RESEARCH
 PRODUCT DEVELOPMENT
 SUPPLYING

MARKING
 UF LABELING (MARKING)
 TAGGING
 GS **MARKING**
 . ISOTOPIC LABELING
 RT DETECTION
 IDENTIFYING
 MATERIALS HANDLING
 PACKAGING
 STAINING
 ∞TRACERS

MARKOV CHAINS
 GS STOCHASTIC PROCESSES
 . MARKOV PROCESSES
 . . **MARKOV CHAINS**
 RT MONTE CARLO METHOD
 RANDOM WALK

MARKOV PROCESSES
 GS STOCHASTIC PROCESSES
 . **MARKOV PROCESSES**
 . . MARKOV CHAINS
 RT RANDOM PROCESSES

MAROTS (ESA)
 UF MARITIME COMMUNICATION SATELLITE
 (ESA)
 MARITIME ORBITAL TEST SATELLITE
 GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . **MAROTS (ESA)**
 . . ESA SATELLITES
 . . **MAROTS (ESA)**
 . . MARITIME SATELLITES
 . . **MAROTS (ESA)**
 . . ESA SPACECRAFT
 . . ESA SATELLITES
 . . **MAROTS (ESA)**
 RT EUROPEAN SPACE AGENCY
 MARISAT SATELLITES

MAROTS (ESA)--(cont.)
 RANGEFINDING
 RESCUE OPERATIONS
 SHIP TERMINALS

MARQUARDT R4D ENGINE
 GS ENGINES
 . **MARQUARDT R4D ENGINE**
 RT APOLLO PROJECT
 AUXILIARY PROPULSION
 COMMAND MODULES
 ∞REACTION CONTROL
 SATELLITE ATTITUDE CONTROL
 SPACECRAFT CONTROL

MARS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT MARS (MANNED REUSABLE
 SPACECRAFT)
 MARS (PLANET)
 NAVIGATION AIDS
 TRACKING STATIONS

MARS (MANNED REUSABLE SPACECRAFT)
 SN (NOT RESTRICTED TO SPACECRAFT
 FOR FLIGHT TO PLANET MARS)
 UF MANNED AERODYNAMIC REUSABLE
 SPACESHIP
 GS MANNED SPACECRAFT
 . **MARS (MANNED REUSABLE
 SPACECRAFT)**
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . REUSABLE SPACECRAFT
 . . . **MARS (MANNED REUSABLE
 SPACECRAFT)**
 RT FERRY SPACECRAFT
 MANEUVERABLE SPACECRAFT
 ∞MARS

MARS (PLANET)
 GS CELESTIAL BODIES
 . PLANETS
 . . TERRESTRIAL PLANETS
 . . . **MARS (PLANET)**
 RT AMOR ASTEROID
 APOLLO ASTEROIDS
 DEIMOS
 DUST STORMS
 MANNED MARS MISSIONS
 ∞MARS
 MARS ATMOSPHERE
 MARS ENVIRONMENT
 MARS SAMPLE RETURN MISSIONS
 MARS SURFACE
 MARS VOLCANOES
 PHOBOS
 PLANETARY CRATERS
 POLAR CAPS
 TERRAFORMING

MARS ATMOSPHERE
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . MARS ENVIRONMENT
 . . . **MARS ATMOSPHERE**
 . . . PLANETARY ATMOSPHERES
 . . . **MARS ATMOSPHERE**
 RT AEROSPACE ENVIRONMENTS
 MARS (PLANET)
 MARS VOLCANOES
 PLANETARY IONOSPHERES
 PLANETARY METEOROLOGY

MARS CRATERS
 GS CRATERS
 . PLANETARY CRATERS
 . . **MARS CRATERS**
 RT CRATERING
 EJECTA
 IMPACT DAMAGE
 METEORITE CRATERS
 METEORITIC DAMAGE

MARS ENVIRONMENT
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . **MARS ENVIRONMENT**
 . . . MARS ATMOSPHERE
 MARS ATMOSPHERE
 DUST STORMS
 MARS (PLANET)

MARS ENVIRONMENT--(cont.)

MARS VOLCANOES
TERRAFORMING

MARS EXCURSION MODULE

UF MEM (EXCURSION MODULE)
GS MODULES
 . SPACECRAFT MODULES
 . LANDING MODULES
 . **MARS EXCURSION MODULE**
SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . **MARS EXCURSION MODULE**
SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . LANDING MODULES
 . **MARS EXCURSION MODULE**

MARS GEOSCIENCE CLIMATOLOGY ORBITER

USE MARS OBSERVER

MARS LANDING

GS LANDING
 . SPACECRAFT LANDING
 . **MARS LANDING**
RT AEPS
MARS SAMPLE RETURN MISSIONS
PLANETARY LANDING
SOFT LANDING
VIKING 1975 ENTRY VEHICLE

MARS OBSERVER

UF MARS GEOSCIENCE CLIMATOLOGY
ORBITER
MGCO
GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS OBSERVER**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS OBSERVER**

MARS PHOTOGRAPHS

GS PHOTOGRAPHS
 . **MARS PHOTOGRAPHS**
RT PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY

MARS PROBES

GS INTERPLANETARY SPACECRAFT
 . **MARS PROBES**
 . ADVANCED RECONN ELECTRIC
 SPACECRAFT
 . MARINER 3 SPACE PROBE
 . MARINER 4 SPACE PROBE
 . MARINER 6 SPACE PROBE
 . MARINER 7 SPACE PROBE
 . MARINER 8 SPACE PROBE
 . MARINER 9 SPACE PROBE
 . MARS OBSERVER
 . MARS 1 SPACECRAFT
 . MARS 2 SPACECRAFT
 . MARS 3 SPACECRAFT
 . MARS 4 SPACECRAFT
 . MARS 5 SPACECRAFT
 . MARS 6 SPACECRAFT
 . MARS 7 SPACECRAFT
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . VIKING LANDER 1
 . VIKING LANDER 2
 . VIKING ORBITER SPACECRAFT
 . VIKING ORBITER 1
 . VIKING ORBITER 2
 . VIKING ORBITER 1975
 . VIKING 1 SPACECRAFT
 . VIKING LANDER 1
 . VIKING ORBITER 1
 . VIKING 2 SPACECRAFT
 . VIKING LANDER 2
 . VIKING ORBITER 2
 . VIKING 1975 ENTRY VEHICLE
 . ZOND 2 SPACE PROBE
UNMANNED SPACECRAFT
 . SPACE PROBES
 . **MARS PROBES**
 . ADVANCED RECONN ELECTRIC
 SPACECRAFT
 . MARINER 3 SPACE PROBE
 . MARINER 4 SPACE PROBE
 . MARINER 6 SPACE PROBE
 . MARINER 7 SPACE PROBE
 . MARINER 8 SPACE PROBE

MARS PROBES--(cont.)

... MARINER 9 SPACE PROBE
... MARS OBSERVER
... MARS 1 SPACECRAFT
... MARS 2 SPACECRAFT
... MARS 3 SPACECRAFT
... MARS 4 SPACECRAFT
... MARS 5 SPACECRAFT
... MARS 6 SPACECRAFT
... MARS 7 SPACECRAFT
... VIKING SPACECRAFT
... VIKING LANDER SPACECRAFT
... VIKING LANDER 1
... VIKING LANDER 2
... VIKING ORBITER SPACECRAFT
... VIKING ORBITER 1
... VIKING ORBITER 2
... VIKING ORBITER 1975
... VIKING 1 SPACECRAFT
... VIKING LANDER 1
... VIKING ORBITER 1
... VIKING 2 SPACECRAFT
... VIKING LANDER 2
... VIKING ORBITER 2
... ZOND 2 SPACE PROBE
RT MARINER PROGRAM
MARS SAMPLE RETURN MISSIONS
OUTER PLANETS EXPLORERS
VENUS PROBES
VOYAGER PROJECT
ZOND SPACE PROBES

MARS ROVER SAMPLE RETURN MISSION

USE MARS SAMPLE RETURN MISSIONS

MARS SAMPLE RETURN MISSIONS

UF MARS ROVER SAMPLE RETURN
MISSION
GS SPACE MISSIONS
 . **MARS SAMPLE RETURN MISSIONS**
RT MARS (PLANET)
MARS LANDING
MARS PROBES
MARS SURFACE SAMPLES
NASA SPACE PROGRAMS
ROVING VEHICLES
SAMPLES
SPACE EXPLORATION

MARS SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . **MARS SATELLITES**
 . DEIMOS
 . PHOBOS

MARS SURFACE

GS PLANETARY SURFACES
 . **MARS SURFACE**
RT CANALS
DUST STORMS
MARS (PLANET)
MARS VOLCANOES
METEORITE CRATERS
PLANETARY CRATERS
∞ SURFACES
TERRAFORMING
TOPOGRAPHY

MARS SURFACE SAMPLES

GS SAMPLES
 . **MARS SURFACE SAMPLES**
RT ASSAYING
CHEMICAL ANALYSIS
MARS SAMPLE RETURN MISSIONS
SPECIMENS
∞ SURFACES
VIKING LANDER 1
VIKING LANDER 2

MARS VOLCANOES

GS GEOLOGY
 . VOLCANOES
 . **MARS VOLCANOES**
LANDFORMS
 . VOLCANOES
 . **MARS VOLCANOES**
PLANETARY GEOLOGY
 . **MARS VOLCANOES**
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
LAVA
MARS (PLANET)

MARS VOLCANOES--(cont.)

MARS ATMOSPHERE
MARS ENVIRONMENT
MARS SURFACE
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY

MARS 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 1 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 1 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 1 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 2 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 2 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 2 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 3 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 3 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 3 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 3 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 4 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 4 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 4 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 4 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 5 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 5 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 5 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 5 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 6 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 6 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 6 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 6 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 7 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **MARS 7 SPACECRAFT**
SOVIET SPACECRAFT
 . **MARS 7 SPACECRAFT**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . **MARS 7 SPACECRAFT**
RT U.S.S.R. SPACE PROGRAM

MARS 69 PROJECT

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . . NASA SPACE PROGRAMS
 - **MARS 69 PROJECT**
 - PROJECTS
 - **MARS 69 PROJECT**
 - SPACE PROGRAMS
 - NASA SPACE PROGRAMS
 - **MARS 69 PROJECT**
- RT MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
SPACE EXPLORATION

MARS 71 PROJECT

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . . NASA SPACE PROGRAMS
 - **MARS 71 PROJECT**
 - PROJECTS
 - **MARS 71 PROJECT**
 - SPACE PROGRAMS
 - NASA SPACE PROGRAMS
 - **MARS 71 PROJECT**
- RT MARINER 8 SPACE PROBE
SPACE EXPLORATION

MARSHES

- USE MARSHLANDS

MARSHLANDS

- UF BOGS
COASTAL MARSHLANDS
MARSHES
SWAMPS
- GS LAND
. **MARSHLANDS**
- RT BAYOUS
EARTH RESOURCES
EARTH SURFACE
FLATS (LANDFORMS)
MUSKEGS
OCEANOGRAPHY
TIDAL FLATS
WATERFOWL
WETLANDS

MARTENSITE

- RT AUSTENITE
HARDENING (MATERIALS)
HEAT TREATMENT
IRON ALLOYS
MARTENSITIC STAINLESS STEELS
MICROSTRUCTURE
PHASE TRANSFORMATIONS
STEELS

MARTENSITIC STAINLESS STEELS

- GS ALLOYS
. IRON ALLOYS
. . . STEELS
. . . . STAINLESS STEELS
. **MARTENSITIC STAINLESS STEELS**
- RT AUSTENITIC STAINLESS STEELS
MARAGING STEELS
MARTENSITE

MARTENSITIC TRANSFORMATION

- GS PHASE TRANSFORMATIONS
. **MARTENSITIC TRANSFORMATION**
- RT AUSTENITE

MARTIN AIRCRAFT

- GS **MARTIN AIRCRAFT**
 - . B-26 AIRCRAFT
 - . B-57 AIRCRAFT
- RT ∞ AIRCRAFT

MARTINGALES

- RT DECISION THEORY
GAME THEORY
∞ MATHEMATICS
PROBABILITY THEORY
STOCHASTIC PROCESSES

MARTINIQUE

- GS LANDFORMS
. ISLANDS
. . . WEST INDIES
. . . . **MARTINIQUE**
- NATIONS
. FRANCE
. . **MARTINIQUE**
- RT CARIBBEAN REGION

MARVS (PROGRAMMING LANGUAGE)

- GS LANGUAGES
. PROGRAMMING LANGUAGES
. . . MACHINE ORIENTED LANGUAGES
. . . . **MARVS (PROGRAMMING LANGUAGE)**

MARYLAND

- GS NATIONS
. UNITED STATES
. . **MARYLAND**
- RT ALLEGHENY PLATEAU (US)
ASSATEAGUE ISLAND (MD-VA)
CHESAPEAKE BAY (US)
DELMARVA PENINSULA (DE-MD-VA)
POTOMAC RIVER VALLEY (MD-VA-WV)
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)

MASCONS

- GS COMPOSITION (PROPERTY)
. CONCENTRATION (COMPOSITION)
. . **MASCONS**
- RT CENTER OF MASS
GRAVITY ANOMALIES
MASS
WEIGHT (MASS)

MASER MATERIALS

- RT LASER MATERIALS
MASERS
∞ MATERIALS
∞ MATERIALS SCIENCE

MASER OUTPUTS

- GS OUTPUT
. **MASER OUTPUTS**
- RT ∞ COHERENCE
DIFFRACTION RADIATION
LASER OUTPUTS
MASER PUMPING
PULSE DURATION
RADIANT FLUX DENSITY
WATER MASERS
WAVELENGTHS

MASER PUMPING

- RT LASER PUMPING
MASER OUTPUTS
MASERS
OPTICAL PUMPING
∞ PUMPING

MASER RESONATORS

- USE MASERS

MASERS

- UF MASER RESONATORS
PARAMAGNETIC AMPLIFIERS
RASERS
- GS STIMULATED EMISSION DEVICES
. **MASERS**
 - . . GAS MASERS
 - . . . HYDROGEN MASERS
 - . . . INTERSTELLAR MASERS
 - . . . PROTON MASERS
 - . . . TRAVELING WAVE MASERS
 - . . . WATER MASERS
- RT AMPLIFIERS
ATOMIC CLOCKS
COHERENT ELECTROMAGNETIC RADIATION
CROSS RELAXATION
DIFFRACTION RADIATION
FREQUENCY STANDARDS
KRYPTON FLUORIDE LASERS
LASERS
MASER MATERIALS
MASER PUMPING
MICROWAVE AMPLIFIERS
MOLECULAR OSCILLATORS
RESONATORS
STIMULATED EMISSION
TRANSIENT OSCILLATIONS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

MASKING

- GS **MASKING**
 - . TARGET MASKING
- RT AUDIOMETRY
CHEMISORPTION
COVERINGS
PHOTOMASKS

MASKS

- GS **MASKS**
 - . OXYGEN MASKS
- RT CHEMICAL DEFENSE
PROTECTIVE CLOTHING

MASONITE (TRADEMARK)

- RT CELLULOSE
∞ CONSTRUCTION MATERIALS
TREES (PLANTS)
WOOD

MASONRY

- GS **MASONRY**
 - . BRICKS
- RT CEMENTS
CERAMICS
CLAYS
CONCRETES
CONSTRUCTION
∞ CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
STRUCTURAL MEMBERS
TILES
VENEERS

MASS

- UF LOW MASS
- GS **MASS**
 - . CENTER OF MASS
 - . CRITICAL MASS
 - . GALACTIC MASS
 - . MISSING MASS (ASTROPHYSICS)
 - . PARTICLE MASS
 - . . ELECTRON MASS
 - . . PLANETARY MASS
 - . . STELLAR MASS
 - . . SUBCRITICAL MASS
- RT CENTER OF GRAVITY
DE BROGLIE WAVELENGTHS
INERTIA
MASCONS
MASS TO LIGHT RATIOS
MOMENTS OF INERTIA
NEGATIVE MATTER
RELATIVISTIC EFFECTS
WEIGHT (MASS)

∞ MASS BALANCE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BALANCE
MASS DISTRIBUTION
MATERIAL BALANCE
VARIABLE MASS SYSTEMS

MASS DISTRIBUTION

- GS DISTRIBUTION (PROPERTY)
. **MASS DISTRIBUTION**
- RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ANGULAR DISTRIBUTION
BALANCE
BALLAST (MASS)
CHARGE DISTRIBUTION
COSMOLOGY
COUNTERBALANCES
DENSITY WAVE MODEL
∞ DISTRIBUTION
FLUX DENSITY
FORCE DISTRIBUTION
GALACTIC MASS
INTERGALACTIC MEDIA
INTERPLANETARY MEDIUM
INTERSTELLAR MATTER
LOADING MOMENTS
LOADS (FORCES)
∞ MASS BALANCE
MASS TO LIGHT RATIOS
METEOROID CONCENTRATION
MISSING MASS (ASTROPHYSICS)
MOMENT DISTRIBUTION
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
SIZE DISTRIBUTION
STAR DISTRIBUTION
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
VARIABLE MASS SYSTEMS

MASS DRIVERS

- RT ∞ ACCELERATORS
ELECTROMAGNETIC ACCELERATION
ELECTROMAGNETIC PROPULSION

MASS DRIVERS--(cont.)

LAUNCHERS
MAGNETIC LEVITATION VEHICLES
MOON-EARTH TRAJECTORIES
PROPULSION
RAILGUN ACCELERATORS
SPACECRAFT PROPULSION

MASS FILTERS

USE FLUID FILTERS

MASS FLOW

GS FLUID FLOW
 . **MASS FLOW**
RT CROCCO-LEE THEORY
 ∞ FLOW
 FLOW THEORY
 GAS FLOW
 KELVIN-HELMHOLTZ INSTABILITY
 KINETIC THEORY
 LAMINAR FLOW
 LEWIS NUMBERS
 LIQUID FLOW
 MOLECULAR INTERACTIONS
 MULTIPHASE FLOW
 PIPE FLOW
 SEDIMENT TRANSPORT
 SINGLE-PHASE FLOW
 SLIDING
 SLUMPING
 SOLIDS FLOW
 STEADY FLOW
 STEAM FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

MASS FLOW FACTORS

RT DISCHARGE COEFFICIENT
 FLOW COEFFICIENTS
 HEAT TRANSFER COEFFICIENTS
 HEAT TRANSMISSION
 NOZZLE GEOMETRY

MASS FLOW RATE

GS RATES (PER TIME)
 . **MASS FLOW RATE**
RT CONVECTIVE FLOW
 DIFFUSION COEFFICIENT
 FLOW VELOCITY
 PNEUMATIC PROBES
 SPECIFIC IMPULSE
 TRANSIENT PRESSURES

MASS RATIOS

GS RATIOS
 . **MASS RATIOS**
 . . . MASS TO LIGHT RATIOS
 . . . MIXING RATIOS
 . . . PAYLOAD MASS RATIO
 . . . PROPELLANT MASS RATIO
RT METALLICITY
 PRESSURE RATIO
 STRUCTURAL WEIGHT
 THRUST-WEIGHT RATIO

MASS SPECTRA

GS SPECTRA
 . **MASS SPECTRA**
RT ENERGY SPECTRA
 MOLECULAR SPECTRA
 RADIATION SPECTRA

MASS SPECTROMETERS

UF ION SPECTROMETERS
 RETARDING ION MASS
 SPECTROMETERS
GS MEASURING INSTRUMENTS
 . SPECTROMETERS
 . . **MASS SPECTROMETERS**
RT CHEMICAL ANALYSIS
 GAS ANALYSIS
 MICROANALYSIS
 NEUTRON ACTIVATION ANALYSIS
 QUALITATIVE ANALYSIS
 SECONDARY ION MASS SPECTROMETRY

MASS SPECTROMETRY

USE MASS SPECTROSCOPY

MASS SPECTROSCOPY

UF MASS SPECTROMETRY
GS SPECTROSCOPY
 . **MASS SPECTROSCOPY**

MASS SPECTROSCOPY--(cont.)

RT CHEMICAL ANALYSIS
 GAS SPECTROSCOPY
 MAGNETIC SPECTROSCOPY
 NUCLEAR RADIATION SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 VACUUM SPECTROSCOPY

MASS TO LIGHT RATIOS

GS RATIOS
 . MASS RATIOS
 . . **MASS TO LIGHT RATIOS**
RT ASTRONOMY
 ASTROPHYSICS
 GALACTIC RADIATION
 INDEXES (RATIOS)
 LUMINOSITY
 LUMINOUS INTENSITY
 MASS
 MASS DISTRIBUTION
 MISSING MASS (ASTROPHYSICS)
 RADIANT FLUX DENSITY
 STELLAR LUMINOSITY
 STELLAR MASS

MASS TRANSFER

RT ABLATION
 CHARGE TRANSFER
 CONVECTIVE FLOW
 CONVECTIVE HEAT TRANSFER
 ENERGY TRANSFER
 GAS TRANSPORT
 GAS-LIQUID INTERACTIONS
 HEAT TRANSFER
 LEWIS NUMBERS
 POROUS BOUNDARY LAYER CONTROL
 SEDIMENT TRANSPORT
 TRANSFERRING
 TRANSPIRATION

MASSACHUSETTS

GS NATIONS
 . UNITED STATES
 . . **MASSACHUSETTS**

MASSAGING

GS THERAPY
 . **MASSAGING**
RT FATIGUE (BIOLOGY)
 RELAXATION (PHYSIOLOGY)

MASSIFS

GS LANDFORMS
 . **MASSIFS**
RT EARTH CRUST
 ∞ FAULTS
 GEOLOGICAL FAULTS
 GEOLOGY
 MOUNTAINS

MASSIVE STARS

GS CELESTIAL BODIES
 . STARS
 . . **MASSIVE STARS**
RT BLACK HOLES (ASTRONOMY)
 DEGENERATE MATTER
 STELLAR MASS
 SUPERGIANT STARS
 SUPERMASSIVE STARS

MASSIVELY PARALLEL PROCESSORS

UF MPP (COMPUTERS)
GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . PARALLEL COMPUTERS
 **MASSIVELY PARALLEL PROCESSORS**
 CONNECTION MACHINE
RT ARCHITECTURE (COMPUTERS)
 PARALLEL PROCESSING (COMPUTERS)

MAST SHOCK TUBES

USE MAGNETIC ANNULAR SHOCK TUBES

MASTICATION

UF CHEWING
RT DIGESTING
 EATING
 TEETH

MASTOIDS

GS ANATOMY
 . HEAD (ANATOMY)

MASTOIDS--(cont.)

. . . SKULL
 . . . **MASTOIDS**
 . . . MUSCULOSKELETAL SYSTEM
 . . . BONES
 . . . SKULL
 **MASTOIDS**
RT CRANIUM
 EAR

MATCHED FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . **MATCHED FILTERS**
RT COMMUNICATION EQUIPMENT
 DEMODULATORS
 ∞ FILTERS
 MODULATORS
 SIGNAL TO NOISE RATIOS

MATCHING

RT ADJUSTING
 COMPARISON
 FITTING
 HOMOLOGY
 IMAGE RESOLUTION
 IMPEDANCE MATCHING
 MISMATCH (ELECTRICAL)
 PATTERN REGISTRATION

MATERIAL ABSORPTION

RT ABSORBENTS
 ABSORBERS (EQUIPMENT)
 ∞ ABSORPTION
 ASSIMILATION
 EXTRACTION
 HYGROSCOPICITY
 RADIATION ABSORPTION
 SORPTION
 WATER TREATMENT

MATERIAL BALANCE

GS **MATERIAL BALANCE**
 . WATER BALANCE
RT BALANCE
 HEAT BALANCE
 ∞ MASS BALANCE
 STOICHIOMETRY

MATERIAL REMOVAL (MACHINING)

USE MACHINING

MATERIAL STRENGTH

USE MECHANICAL PROPERTIES

∞ MATERIALS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
UF SUBSTANCES
RT ABLATIVE MATERIALS
 ABSORBENTS
 ABSORBERS (MATERIALS)
 ACCEPTOR MATERIALS
 AGING (MATERIALS)
 AIRCRAFT CONSTRUCTION MATERIALS
 AIRFRAME MATERIALS
 AMORPHOUS MATERIALS
 ANISOTROPIC MEDIA
 BINARY SYSTEMS (MATERIALS)
 BINDERS (MATERIALS)
 BITUMENS
 BORON REINFORCED MATERIALS
 BORSIC (TRADENAME)
 BRITTLE MATERIALS
 CARBONACEOUS MATERIALS
 COMPOSITE MATERIALS
 CONCRETE STRUCTURES
 ∞ CONSTRUCTION MATERIALS
 CONTAMINANTS
 CORK (MATERIALS)
 CURL (MATERIALS)
 DISLOCATIONS (MATERIALS)
 DONOR MATERIALS
 DREDGED MATERIALS
 ELECTRIC FURNACES
 ELECTRONS
 EPOXY MATRIX COMPOSITES
 FATIGUE (MATERIALS)
 FERRIMAGNETIC MATERIALS
 FERROMAGNETIC MATERIALS
 FISSIONABLE MATERIALS
 FOAMS
 FOILS (MATERIALS)
 FRACTURES (MATERIALS)
 GLASS

MATERIALS--(cont.)

GLASSY CARBON
 GRANULAR MATERIALS
 GRAPHITE-EPOXY COMPOSITES
 HOLES (ELECTRON DEFICIENCIES)
 ∞ INORGANIC MATERIALS
 INSULATION
 LAMINATES
 LASER MATERIALS
 LOSSLESS MATERIALS
 LOW DENSITY MATERIALS
 MAGNETIC MATERIALS
 MASER MATERIALS
 MATERIALS HANDLING
 MATERIALS RECOVERY
 ∞ MATERIALS SCIENCE
 ∞ MATERIALS TESTS
 MATRIX MATERIALS
 MECHANICAL PROPERTIES
 METAL MATRIX COMPOSITES
 MOLDING MATERIALS
 NONFLAMMABLE MATERIALS
 OPTICAL MATERIALS
 ORGANIC MATERIALS
 PAPER (MATERIAL)
 PHASE CHANGE MATERIALS
 PHOTOELASTIC MATERIALS
 PHOTOELECTRIC MATERIALS
 POLYMER MATRIX COMPOSITES
 POROUS MATERIALS
 PYROLYTIC MATERIALS
 PYROPHORIC MATERIALS
 RADIOACTIVE MATERIALS
 RADOME MATERIALS
 REACTOR MATERIALS
 REFRACTORY MATERIALS
 REINFORCING MATERIALS
 RESERVES
 RESOURCES
 SELF LUBRICATING MATERIALS
 SEMICONDUCTORS (MATERIALS)
 SIZING MATERIALS
 SOLIDS
 SPACECRAFT CONSTRUCTION
 MATERIALS
 SPONGES (MATERIALS)
 STRATEGIC MATERIALS
 SUPERHYBRID MATERIALS
 THERMOCHROMATIC MATERIALS
 THERMOELECTRIC MATERIALS
 THICKENERS (MATERIALS)
 THREE DIMENSIONAL COMPOSITES
 VITREOUS MATERIALS
 VYCOR

MATERIALS HANDLING

GS **MATERIALS HANDLING**
 . GROUND HANDLING
 . PROPELLANT TRANSFER
 . REMOTE HANDLING
 RT AIRFIELD SURFACE MOVEMENTS
 ∞ AUTOMATION
 BLOWERS
 CANALS
 CARGO
 CARGO AIRCRAFT
 CARTS
 CHEMICAL ENGINEERING
 CHUTES
 ∞ CONTAINERS
 CONTINGENCY
 CONVEYORS
 CRANES
 DELIVERY
 DISPENSERS
 DISPOSAL
 DISTRIBUTING
 ∞ DISTRIBUTION
 DISTRIBUTORS
 DOLLIES
 DUMPING
 EJECTION
 EJECTORS
 EMPTYING
 ENCAPSULATING
 EXCAVATION
 FEEDERS
 FEEDING (SUPPLYING)
 FLUID FLOW
 FUEL PUMPS
 HAULING
 HEAVY LIFT AIRSHIPS
 HOPPERS
 LOADING OPERATIONS
 LUNAR LOGISTICS
 MARKING

MATERIALS HANDLING--(cont.)

∞ MATERIALS
 MECHANICAL ENGINEERING
 MINES (EXCAVATIONS)
 MOORING
 PACKAGING
 PIPELINES
 ∞ PUMPING
 PUMPS
 RAILROAD HUMMING TESTS
 RELEASING
 RIGGING
 SERVICES
 SIPHONS
 SPRAYERS
 SPREADING
 STACKS
 ∞ STORAGE
 TANKS (CONTAINERS)
 TRACTORS
 TRANSFERRING
 TRANSPORTATION
 TRUCKS
 UNLOADING
 VACUUM PUMPS
 WASTE DISPOSAL
 WHARVES

MATERIALS RECOVERY

SN (LIMITED TO TREATMENT OF A
 MATERIAL TO RECLAIM ONE OR MORE
 OF ITS COMPONENTS)
 GS RECLAMATION
 . **MATERIALS RECOVERY**
 . . NUCLEAR FUEL REPROCESSING
 . . SOLVOLYSIS
 . . WATER RECLAMATION
 RT ∞ ABSORPTION
 BY-PRODUCTS
 CENTRIFUGING
 CRYSTALLIZATION
 DISPOSAL
 DISTILLATION
 EXTRACTION
 FILTRATION
 ∞ MATERIALS
 ∞ PRECIPITATION
 PRECIPITATION (CHEMISTRY)
 ∞ PROCESSING
 ∞ RECOVERY
 RECYCLING
 REFINING
 REMOVAL
 ∞ SEPARATION

∞ MATERIALS SCIENCE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CERAMICS
 LASER CUTTING
 MASER MATERIALS
 ∞ MATERIALS
 METAL FOAMS
 PLASTICS
 ∞ PROPERTIES
 ∞ SCIENCE

MATERIALS TESTING REACTORS

USE NUCLEAR RESEARCH AND TEST
 REACTORS

∞ MATERIALS TESTS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BEND TESTS
 BURST TESTS
 CHARPY IMPACT TEST
 CHEMICAL ANALYSIS
 COMPRESSION TESTS
 CORROSION TESTS
 DESTRUCTIVE TESTS
 ELECTROPHOTOMETRY
 ENVIRONMENTAL TESTS
 FATIGUE TESTS
 FUEL TESTS
 GAS ANALYSIS
 HARDNESS TESTS
 HIGH TEMPERATURE TESTS
 IMPACT TESTS
 LUBRICANT TESTS
 MAGNETIC MEASUREMENT
 ∞ MATERIALS
 MECHANICAL PROPERTIES

MATERIALS TESTS--(cont.)

METALLOGRAPHY
 MICROANALYSIS
 NEUTRON RADIOGRAPHY
 NONDESTRUCTIVE TESTS
 PROPELLANT TESTS
 QUALITY
 QUALITY CONTROL
 RADIOGRAPHY
 SPECIFICATIONS
 STATIC TESTS
 ∞ TESTS
 ULTRASONIC TESTS
 WEAR TESTS
 X RAY ANALYSIS
 X RAY SPECTROSCOPY

MATHEMATICAL ANALYSIS

USE APPLICATIONS OF MATHEMATICS

MATHEMATICAL LOGIC

GS **MATHEMATICAL LOGIC**
 . ALGORITHMS
 . . GENETIC ALGORITHMS
 . . PARSING ALGORITHMS
 . . SIMPLE METHOD
 . AXIOMS
 . FORMULAS (MATHEMATICS)
 . . BETHE-HEITLER FORMULA
 . . LATTICES (MATHEMATICS)
 . . BOOLEAN ALGEBRA
 . . . BOOLEAN FUNCTIONS
 . . PREDICATE CALCULUS
 . . SET THEORY
 . . BOREL SETS
 . . EQUIVALENCE
 . . THRESHOLD LOGIC
 RT BRANCHING (MATHEMATICS)
 FUNCTIONS (MATHEMATICS)
 HYPOTHESES
 INDUCTION (MATHEMATICS)
 INSTRUCTION SETS (COMPUTERS)
 ∞ LOGIC
 PHILOSOPHY
 PROVING
 THEOREMS
 TURING MACHINES
 VENN DIAGRAMS

MATHEMATICAL MODELS

GS **MATHEMATICAL MODELS**
 . ANALOG SIMULATION
 . . BGK MODEL
 . . BIOLOGICAL MODELS (MATHEMATICS)
 . . DIGITAL SIMULATION
 . . MANDELSTAM REPRESENTATION
 . . PETRI NETS
 . . THOMAS-FERMI MODEL
 . . TURBULENCE MODELS
 . . . K-EPSILON TURBULENCE MODEL
 . . VENEZIANO MODEL
 RT AIRCRAFT MODELS
 ∞ APPLICATIONS OF MATHEMATICS
 ASTRONOMICAL MODELS
 ASYMPTOTIC PROPERTIES
 ATMOSPHERIC MODELS
 BOND GRAPHS
 BROKEN SYMMETRY
 CHAOS
 COMPUTATIONAL ASTROPHYSICS
 COMPUTATIONAL GRIDS
 COMPUTER SYSTEMS SIMULATION
 COMPUTERIZED SIMULATION
 CONTINUUM MODELING
 CONTROL SYSTEMS DESIGN
 DECISION THEORY
 DYNAMIC MODELS
 DYNAMIC PROGRAMMING
 DYNAMICAL SYSTEMS
 EXHAUST FLOW SIMULATION
 EXPERIMENT DESIGN
 FACTORIAL DESIGN
 FLOW CHARTS
 FOOTPRINTS
 FORECASTING
 FUNCTIONS (MATHEMATICS)
 GAME THEORY
 GOODNESS OF FIT
 GRAPH THEORY
 INELASTIC STRESS
 INVENTORY CONTROLS
 LIKELIHOOD RATIO
 LINEAR PREDICTION
 LOFTING

MATHEMATICAL MODELS--(cont.)

LUMPED PARAMETER SYSTEMS
METHOD OF MOMENTS
∞ MISSILE SIMULATORS
MODEL REFERENCE ADAPTIVE CONTROL
MONTE CARLO METHOD
NUMERICAL WEATHER FORECASTING
OCEAN MODELS
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)
PARAMETER IDENTIFICATION
PARAMETERIZATION
QUANTILES
QUEUEING THEORY
REGRESSION COEFFICIENTS
RISK
ROBUSTNESS (MATHEMATICS)
SCHEDULING
SIMILARITY THEOREM
SIMULATION
SPACECRAFT MODELS
SPATIAL DEPENDENCIES
STATISTICAL DISTRIBUTIONS
STOCHASTIC PROCESSES
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS SIMULATION
THREE DIMENSIONAL MODELS
TRAJECTORY ANALYSIS
TWO DIMENSIONAL BODIES
TWO DIMENSIONAL MODELS
VALIDITY
WAR GAMES

MATHEMATICAL PROGRAMMING

SN (LIMITED TO MATHEMATICAL OPTIMIZATION THEORY--EXCLUDES COMPUTER PROGRAMMING)
GS OPTIMIZATION
∞ **MATHEMATICAL PROGRAMMING**
∞ DYNAMIC PROGRAMMING
∞ LINEAR PROGRAMMING
∞ NONLINEAR PROGRAMMING
∞ QUADRATIC PROGRAMMING
RT GAME THEORY
OPERATIONS RESEARCH
∞ PROGRAMMING
SIMPLEX METHOD

MATHEMATICAL TABLES

GS TABLES (DATA)
∞ **MATHEMATICAL TABLES**
RT INFORMATION
NUMERICAL ANALYSIS
RANDOM NUMBERS

∞ **MATHEMATICS**

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ALGEBRA
ANALYSIS (MATHEMATICS)
AXIOMS
BOND GRAPHS
CALCULUS
CURRENT ALGEBRA
DUALITY THEOREM
FORMULAS (MATHEMATICS)
FRACTALS
FUNCTIONS (MATHEMATICS)
GEOMETRY
INEQUALITIES
INFORMATION THEORY
INTEGRALS
LATIN SQUARE METHOD
LATTICES (MATHEMATICS)
MARTINGALES
MORPHOLOGY
NUMBER THEORY
NUMERICAL ANALYSIS
PRIMITIVE EQUATIONS
∞ PRINCIPLES
PROBABILITY THEORY
RINGS (MATHEMATICS)
∞ SCIENCE
SERIES EXPANSION
STARS (MATHEMATICS)
STATISTICAL ANALYSIS
SUPERPOSITION (MATHEMATICS)
SYMBOLS
THEOREMS

MATHIEU EQUATION

USE MATHIEU FUNCTION

MATHIEU FUNCTION

UF MATHIEU EQUATION
GS ANALYSIS (MATHEMATICS)
∞ COMPLEX VARIABLES
∞ **MATHIEU FUNCTION**
FUNCTIONS (MATHEMATICS)
∞ **MATHIEU FUNCTION**
BOUNDARY VALUE PROBLEMS
DIFFERENTIAL EQUATIONS
EIGENVECTORS
∞ EQUATIONS
HILL DETERMINANT
ORTHOGONAL FUNCTIONS

MATRA MISSILE

GS MISSILES
∞ AIR TO AIR MISSILES
∞ **MATRA MISSILE**
SOLID PROPELLANT ROCKET ENGINES

∞ **MATRICES**

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
EUTECTIC COMPOSITES
∞ GRIDS
∞ IMBEDDINGS
LATTICES (MATHEMATICS)
MATRICES (CIRCUITS)
MATRICES (MATHEMATICS)
METAL MATRIX COMPOSITES
MONOTECTIC ALLOYS
POLYMER MATRIX COMPOSITES

MATRICES (CIRCUITS)

GS CIRCUITS
∞ **MATRICES (CIRCUITS)**
LOGIC CIRCUITS
∞ MATRICES
SWITCHING CIRCUITS

MATRICES (MATHEMATICS)

UF DIFFERENTIAL ALGEBRA
MATRIX ANALYSIS
GS ALGEBRA
∞ VECTOR SPACES
∞ **MATRICES (MATHEMATICS)**
∞ ADJOINTS
∞ CANONICAL FORMS
∞ EIGENVALUES
∞ EIGENVECTORS
∞ HESSIAN MATRICES
∞ JORDAN FORM
∞ STIFFNESS MATRIX
RT ARRAYS
CHIRAL DYNAMICS
DETERMINANTS
ENERGY METHODS
FACTOR ANALYSIS
FINITE ELEMENT METHOD
GAUSSIAN ELIMINATION
HERMITIAN POLYNOMIAL
ISOPERIMETRIC PROBLEM
LINEAR EQUATIONS
LINEAR PROGRAMMING
LINEAR TRANSFORMATIONS
LUMPED PARAMETER SYSTEMS
∞ MATRICES
METHOD OF MOMENTS
ROOTS OF EQUATIONS
SIMPLEX METHOD
SIMULTANEOUS EQUATIONS
SUBGROUPS
U SPIN SPACE
WALSH FUNCTION

MATRIX ANALYSIS

USE MATRICES (MATHEMATICS)

MATRIX MANAGEMENT

GS MANAGEMENT
∞ **MATRIX MANAGEMENT**
ALLOCATIONS
LOGISTICS
MANAGEMENT METHODS
∞ METHODOLOGY
OPERATIONS RESEARCH
PRODUCTIVITY
PROJECT PLANNING
SCHEDULING

MATRIX MANAGEMENT--(cont.)

TASKS

MATRIX MATERIALS

RT BISMALIMIDE
CERAMIC MATRIX COMPOSITES
COMPOSITE MATERIALS
DEBONDING (MATERIALS)
EPOXY MATRIX COMPOSITES
FIBER COMPOSITES
FUNCTIONALLY GRADIENT MATERIALS
LAMINATES
∞ MATERIALS
METAL MATRIX COMPOSITES
POLYMER MATRIX COMPOSITES
REINFORCING MATERIALS
RESIN MATRIX COMPOSITES
RESIN TRANSFER MOLDING

MATRIX METHODS

SN (LIMITED TO METHODS FOR STRUCTURAL ANALYSIS)
UF MATRIX STRESS CALCULATION
GS STRUCTURAL ANALYSIS
∞ **MATRIX METHODS**
EQUILIBRIUM METHODS
∞ METHODOLOGY
NASTRAN
SPLINE FUNCTIONS

MATRIX STRESS CALCULATION

USE MATRIX METHODS

MATRIX THEORY

RT OPERATORS (MATHEMATICS)
∞ THEORIES

MATTER (PHYSICS)

GS **MATTER (PHYSICS)**
∞ DARK MATTER
∞ DEGENERATE MATTER
∞ NEGATIVE MATTER
RT ANTIMATTER
CONDENSED MATTER PHYSICS
EXTRATERRESTRIAL MATTER
∞ PHYSICS
ROTATING MATTER

MATTER-ANTIMATTER PROPULSION

GS PROPULSION
∞ SPACECRAFT PROPULSION
∞ **MATTER-ANTIMATTER PROPULSION**
RT ANNIHILATION REACTIONS
ANTIMATTER
INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
INTERSTELLAR TRAVEL
NEGATIVE MATTER PROPULSION
NUCLEAR PROPULSION
POSITRON ANNIHILATION
ROCKET ENGINES

MATTS (SYSTEMS)

UF MULTIPLE TARGET TRAJECTORY SYSTEMS
GS TRACKING NETWORKS
∞ **MATTS (SYSTEMS)**
RT ABORT TRAJECTORIES
AIRBORNE EQUIPMENT
ANGULAR CORRELATION
TARGET ACQUISITION

MATURING

USE GROWTH

MAULER MISSILE

GS MISSILES
∞ ANTIAIRCRAFT MISSILES
∞ **MAULER MISSILE**
∞ ANTIMISSILE MISSILES
∞ **MAULER MISSILE**
∞ SURFACE TO AIR MISSILES
∞ **MAULER MISSILE**
RT SINGLE STAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

MAURITANIA

GS NATIONS
∞ **MAURITANIA**
RT AFRICA

MAURITIUS

GS LANDFORMS
∞ ISLANDS

MAURITIUS--(cont.)

.. MAURITIUS
NATIONS
RT MAURITIUS
AFRICA
INDIAN OCEAN

MAVERICK MISSILES

GS MISSILES
.. AIR TO SURFACE MISSILES
.. MAVERICK MISSILES

MAX HOLSTE MH-262 AIRCRAFT

USE MH-262 AIRCRAFT

MAXIMA

GS ANALYSIS (MATHEMATICS)
.. REAL VARIABLES
.. EXTREMUM VALUES
.. MAXIMA
RT APEXES
CALCULUS OF VARIATIONS
CUSPS (MATHEMATICS)
MINIMA
OPTIMIZATION
∞ PEAKS
PENALTY FUNCTION
RANGE (EXTREMES)
ZENITH

MAXIMUM ENTROPY METHOD

GS ENTROPY (STATISTICS)
.. MAXIMUM ENTROPY METHOD
SPECTRUM ANALYSIS
.. MAXIMUM ENTROPY METHOD
RT DISTRIBUTION FUNCTIONS
ENTROPY
FOURIER TRANSFORMATION
INFORMATION THEORY
∞ METHODOLOGY
POWER SPECTRA
SIGNAL PROCESSING
SIGNAL TO NOISE RATIOS
STATISTICAL ANALYSIS
TIME SERIES ANALYSIS

MAXIMUM LIKELIHOOD ESTIMATES

RT CONFIDENCE LIMITS
FORECASTING
GOODNESS OF FIT
LIKELIHOOD RATIO
PARAMETER IDENTIFICATION
PREDICTIONS
RELIABILITY
RISK
SYSTEM IDENTIFICATION

MAXIMUM PRINCIPLE

RT COMPLEX VARIABLES
DIFFERENTIAL EQUATIONS
ELLIPTIC DIFFERENTIAL EQUATIONS
HARMONIC FUNCTIONS
PONTYAGIN PRINCIPLE
REAL VARIABLES

MAXIMUM USABLE FREQUENCY

GS FREQUENCIES
.. MAXIMUM USABLE FREQUENCY
RT FREQUENCY ASSIGNMENT
FREQUENCY REUSE
HIGH FREQUENCIES
VERY HIGH FREQUENCIES

MAXWELL BODIES

RT CLASSICAL MECHANICS
CONTINUUM MECHANICS
HOOKES LAW
OSCILLATION DAMPERS
RELAXATION TIME

MAXWELL EQUATION

RT BOLTZMANN-VLASOV EQUATION
BORN-INFELD THEORY
ELECTRICITY
ELECTRODYNAMICS
ELECTROMECHANICS
∞ EQUATIONS
GAUSS EQUATION
MAGNETIC CHARGE DENSITY
MAGNETIC PROPERTIES
MAGNETOELECTRIC MEDIA
POYNTING THEOREM
∞ STOKES LAW

MAXWELL FLUIDS

RT COMPRESSIBLE FLUIDS
FLUID MECHANICS
∞ FLUIDS
RHEOLOGY
VISCOELASTICITY
VISCOUS FLOW
VISCOUS FLUIDS

MAXWELL-BOLTZMANN DENSITY FUNCTION

UF MAXWELLIAN DISTRIBUTION (DENSITY)
GS FUNCTIONS (MATHEMATICS)
.. MAXWELL-BOLTZMANN DENSITY
FUNCTION
STATISTICAL ANALYSIS
.. MAXWELL-BOLTZMANN DENSITY
FUNCTION
RT DENSITY DISTRIBUTION
KINETIC THEORY
PROBABILITY THEORY
STATISTICAL MECHANICS

MAXWELL-MOHR METHOD

RT DEFLECTION
∞ EQUILIBRIUM
∞ METHODOLOGY
STATIC DEFORMATION
TRUSSES

MAXWELLIAN DISTRIBUTION (DENSITY)

USE MAXWELL-BOLTZMANN DENSITY
FUNCTION

MAYER PROBLEM

RT ∞ CONDENSATION
CRITICAL POINT
GIBBS FREE ENERGY
∞ MOLECULAR PHYSICS
∞ PROBLEMS
SUPERSATURATION

MAYPOLE ANTENNAS

RT ANTENNA DESIGN
LARGE SPACE STRUCTURES
SPACE ERECTABLE STRUCTURES

MAZE LEARNING

GS LEARNING
.. MAZE LEARNING
RT PROBLEM SOLVING

MB-1 ROCKET VEHICLE

USE GENIE ROCKET VEHICLE

MBM JUNCTIONS

UF METAL-BARRIER-METAL JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
.. MBM JUNCTIONS
RT BARRIER LAYERS
∞ BARRIERS
JUNCTION TRANSISTORS
SOLID STATE DEVICES

MCDONNELL AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
.. MCDONNELL AIRCRAFT
.. C-9 AIRCRAFT
.. DC 10 AIRCRAFT
.. F-101 AIRCRAFT
.. PHANTOM AIRCRAFT
.. F-4 AIRCRAFT
.. RF-4 AIRCRAFT
RT ∞ AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
.. DOUGLAS AIRCRAFT
.. A-1 AIRCRAFT
.. A-3 AIRCRAFT
.. A-4 AIRCRAFT
.. B-66 AIRCRAFT
.. C-9 AIRCRAFT
.. C-47 AIRCRAFT
.. C-54 AIRCRAFT
.. C-118 AIRCRAFT
.. C-124 AIRCRAFT
.. C-133 AIRCRAFT
.. D-558 AIRCRAFT
.. DC 3 AIRCRAFT
.. DC 7 AIRCRAFT
.. DC 8 AIRCRAFT
.. DC 9 AIRCRAFT
.. DC 10 AIRCRAFT
.. PD-808 AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT--(cont.)

.. X-3 AIRCRAFT
.. F-18 AIRCRAFT
.. MCDONNELL AIRCRAFT
.. C-9 AIRCRAFT
.. DC 10 AIRCRAFT
.. F-101 AIRCRAFT
.. PHANTOM AIRCRAFT
.. F-4 AIRCRAFT
.. RF-4 AIRCRAFT
RT ∞ AIRCRAFT

MCCLAURIN SERIES

USE MACLAURIN SERIES

MCLEOD GAGES

GS MEASURING INSTRUMENTS
.. PRESSURE GAGES
.. VACUUM GAGES
.. MCLEOD GAGES
VACUUM APPARATUS
.. VACUUM GAGES
.. MCLEOD GAGES
RT IONIZATION GAGES
KNUDSEN GAGES
PIRANI GAGES
PRESSURE MEASUREMENT

MCMURDO SOUND

GS REGIONS
.. POLAR REGIONS
.. ANTARCTIC REGIONS
.. MCMURDO SOUND
SOUNDS (TOPOGRAPHIC FEATURES)
.. MCMURDO SOUND
SOUTHERN HEMISPHERE
.. ANTARCTIC REGIONS
.. MCMURDO SOUND
RT ROSS ICE SHELF

MCR REACTORS

USE MILITARY COMPACT REACTORS

MDA

USE MULTIPLE DOCKING ADAPTERS

ME P-160 AIRCRAFT

USE P-160 AIRCRAFT

ME P-308 AIRCRAFT

USE P-308 AIRCRAFT

MEADOWLANDS

USE GRASSLANDS

MEAN

GS AVERAGE
.. MEAN
MOMENTS
.. DISTRIBUTION MOMENTS
.. MEAN
RT MEDIAN (STATISTICS)
MODE (STATISTICS)
NORMALITY
QUALITY CONTROL
RANGE (EXTREMES)
STATISTICAL ANALYSIS
VARIANCE (STATISTICS)

MEAN FREE PATH

RT COLLISION PARAMETERS
∞ CROSS SECTIONS
KNUDSEN FLOW
PARTICLE COLLISIONS
PARTICLE MOTION
∞ PATHS
SCATTERING
VACUUM

MEAN SQUARE VALUES

GS ANALYSIS (MATHEMATICS)
.. NUMERICAL ANALYSIS
.. APPROXIMATION
.. MEAN SQUARE VALUES
RT ALGORITHMS
ERROR ANALYSIS
LEAST SQUARES METHOD

MEAN TIME BETWEEN FAILURES

USE MTBF

MEANDERS

RT OPEN CHANNEL FLOW
RAPIDS

MEANDERS--(cont.)

RIVER BASINS
RIVERS
STREAMS
TOPOGRAPHY
VALLEYS

MEASURE AND INTEGRATION

UF INTEGRATION (REAL VARIABLES)
MEASURE THEORY
RIEMANN INTEGRAL
GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. . . **MEASURE AND INTEGRATION**
. . . BINARY INTEGRATION
. . . BOREL SETS
. . . FUNCTIONAL INTEGRATION
. . . INTEGRAL CALCULUS
. . . J INTEGRAL
. . . LEBESGUE THEOREM
. . . NUMERICAL INTEGRATION
. . . RUNGE-KUTTA METHOD
. . . STIELTJES INTEGRAL
. . . WEIGHTING FUNCTIONS
RT FOURIER ANALYSIS

MEASURE THEORY

USE MEASURE AND INTEGRATION

∞ MEASUREMENT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF DETERMINATION
MEASURING
QUANTIZATION
RT ACCURACY
ACOUSTIC MEASUREMENT
AIRBORNE RANGE AND ORBIT
DETERMINATION
AIRCRAFT INSTRUMENTS
ANALOG DATA
ASTROMETRY
AUDIOMETRY
CHEMICAL ANALYSIS
CONFIDENCE LIMITS
CONSISTENCY
COUNTING
∞ DATA
DEFINITION
DENSIMETERS
DENSITY MEASUREMENT
DEPTH MEASUREMENT
DETECTION
DILATOMETRY
DIMENSIONAL MEASUREMENT
DOWNRANGE ANTIMISSILE
MEASUREMENT PROGRAM
DOWNRANGE MEASUREMENT
DRAG MEASUREMENT
EARTH TERMINAL MEASUREMENT
SYSTEM
ELECTRICAL MEASUREMENT
ELECTROMAGNETIC MEASUREMENT
ELECTROMAGNETIC NOISE
MEASUREMENT
ELLIPSOMETRY
ESTIMATING
EVALUATION
EXAMINATION
FLOW MEASUREMENT
FREQUENCY MEASUREMENT
FRICTION MEASUREMENT
GAMMA RAY ABSORPTIOMETRY
GEOMETRY
GRAVIMETRY
HEAT MEASUREMENT
HIGH ALT TARGET AND BACKGROUND
MEASUREMENT
HUMIDITY MEASUREMENT
IDENTIFYING
IN SITU MEASUREMENT
INTERNATIONAL SYSTEM OF UNITS
LATITUDE MEASUREMENT
LONGITUDE MEASUREMENT
MACROSCOPIC EQUATIONS
MAGNETIC MEASUREMENT
∞ MEASURES
MEASURING INSTRUMENTS
MECHANICAL MEASUREMENT
METROLOGY
MONITORS
NOISE MEASUREMENT
NONINTRUSIVE MEASUREMENT
OPTICAL MEASUREMENT

MEASUREMENT--(cont.)

OPTOMETRY
PHOTOGRAPHIC MEASUREMENT
PNEUMOGRAPHY
PRESSURE MEASUREMENT
PROVING
PUPILLOMETRY
RADAR MEASUREMENT
RADIATION MEASUREMENT
RADIOACTIVE AGE DETERMINATION
RANGEFINDING
SIGNAL MEASUREMENT
SIZE DETERMINATION
SOUNDING
SPHYGMOGRAPHY
STANDARDS
STRAIN MEASUREMENT
SYNOPTIC MEASUREMENT
TEMPERATURE MEASUREMENT
THRUST MEASUREMENT
TIME MEASUREMENT
TRAJECTORY MEASUREMENT
ULTRASONIC DENSIMETERS
UNITS OF MEASUREMENT
VELOCITY MEASUREMENT
VIBRATION MEASUREMENT
WEIGHT MEASUREMENT
WIND MEASUREMENT

∞ MEASURES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CRITERIA
∞ MEASUREMENT
STANDARDS

MEASURING

USE MEASUREMENT

MEASURING INSTRUMENTS

UF FLUXMETERS
GAGES
METERS
RATE METERS
GS **MEASURING INSTRUMENTS**
. ACCELEROMETERS
. . . STRAIN GAGE ACCELEROMETERS
. . . AMMETERS
. . . MICROMILLIAMMETERS
. . . THERMOELEMENT AMMETERS
. ANALYZERS
. . . ENGINE ANALYZERS
. . . SIGNAL ANALYZERS
. ANEMOMETERS
. . . DRAG FORCE ANEMOMETERS
. . . HOT-FILM ANEMOMETERS
. . . LASER ANEMOMETERS
. . . SONIC ANEMOMETERS
. BALLOON-BORNE INSTRUMENTS
. BATHYMETERS
. BURETTES
. CALORIMETERS
. . . BOMB CALORIMETERS
. . . DROP CALORIMETERS
. . . FLAME CALORIMETERS
. COMPARATORS
. CONDUCTIVITY METERS
. . . ELECTRICAL CONDUCTIVITY METERS
. COULOMETERS
. COUNTERS
. . . RADIATION COUNTERS
. . . CERENKOV COUNTERS
. . . ELECTRON COUNTERS
. . . GEIGER COUNTERS
. . . NEUTRON COUNTERS
. . . NEUTRON SPECTROMETERS
. . . PARTICLE TELESCOPES
. . . PROPORTIONAL COUNTERS
. . . QUANTUM COUNTERS
. . . SCINTILLATION COUNTERS
. . . SPARK CHAMBERS
. DEFORMETERS
. DENSIMETERS
. . . ULTRASONIC DENSIMETERS
. DENSITOMETERS
. . . MICRODENSITOMETERS
. DISTANCE MEASURING EQUIPMENT
. . . ALTIMETERS
. . . LASER ALTIMETERS
. . . RADIO ALTIMETERS
. GEODIMETERS
. . . RANGE FINDERS
. . . OPTICAL RANGE FINDERS

MEASURING INSTRUMENTS--(cont.)

. . . LASER RANGE FINDERS
. . . STADIMETERS
. . . TELLUROMETERS
. DYNAMOMETERS
. ELASTOMETERS
. ELECTROMETERS
. ELECTRON PROBES
. ENGINE MONITORING INSTRUMENTS
. ERGOMETERS
. EUDIOMETERS
. EXTENSOMETERS
. FIELD INTENSITY METERS
. FLAME PROBES
. FLIGHT LOAD RECORDERS
. FLIGHT RECORDERS
. FLOWMETERS
. . . GAS METERS
. . . HOT-WIRE FLOWMETERS
. . . RHEOMETERS
. FORCE VECTOR RECORDERS
. FUEL GAGES
. . . CAPACITIVE FUEL GAGES
. GALVANOMETERS
. GERDIEN CONDENSERS
. GONIOMETERS
. . . PHOTOgoniometers
. . . RADIOgoniometers
. GRAVIMETERS
. GRAVITY GRADIOMETERS
. HELIOMETERS
. . . PYROHELIOMETERS
. HYDROMETERS
. HYPSONOMETERS
. IMPEDANCE PROBES
. . . RADIO FREQUENCY IMPEDANCE
PROBES
. INDICATING INSTRUMENTS
. . . APPROACH INDICATORS
. . . ASTROLABES
. . . ATTITUDE INDICATORS
. . . GYRO HORIZONS
. . . CLOUD HEIGHT INDICATORS
. . . COMPASSES
. . . GYROCOMPASSES
. . . MAGNETIC COMPASSES
. . . SOLAR COMPASSES
. FLOW DIRECTION INDICATORS
. . . WIND VANES
. . . POSITION INDICATORS
. . . PLAN POSITION INDICATORS
. . . RADIO DIRECTION FINDERS
. . . SPACECRAFT POSITION
INDICATORS
. . . SMOKE DETECTORS
. . . SPEED INDICATORS
. . . TACHOMETERS
. . . WEIGHT INDICATORS
. . . MICROBALANCES
. . . STRAIN GAGE BALANCES
. . . THERMOBALANCES
. INTERFEROMETERS
. . . ETALONS
. . . FABRY-PEROT INTERFEROMETERS
. . . INFRARED INTERFEROMETERS
. . . MACH-ZEHNDER INTERFEROMETERS
. . . MICHELSON INTERFEROMETERS
. . . MICROWAVE INTERFEROMETERS
. . . PHASE SWITCHING
INTERFEROMETERS
. . . RADIO INTERFEROMETERS
. ION PROBES
. ION TRAPS (INSTRUMENTATION)
. LASER DOPPLER VELOCIMETERS
. MAGNETIC PROBES
. MAGNETOMETERS
. . . VARIOMETERS
. MECHANOGAMS
. METEOROLOGICAL INSTRUMENTS
. . . BAROMETERS
. . . CLOUD HEIGHT INDICATORS
. . . DROPSONDES
. . . RADIOMETEOROLOGICALS
. . . RADIOSONDES
. . . ENDORADIOSONDES
. . . IONOSONDES
. . . RAWINSONDES
. . . RAIN GAGES
. . . WEATHER DATA RECORDERS
. . . WIND VANES
. MICROMETERS
. MICROWAVE PROBES
. . . MICROWAVE PLASMA PROBES
. . . MICROWAVE SENSORS
. . . MOISTURE METERS
. . . HYGROMETERS

MEASURING INSTRUMENTS--(cont.)

. . . PSYCHROMETERS
 . . . MONOCHROMATORS
 . . . NOISE METERS
 . . . OHMMETERS
 . . . OMEGA NAVIGATION SYSTEM
 . . . OPTICAL MEASURING INSTRUMENTS
 . . . CATHETOMETERS
 . . . DIFFRACTOMETERS
 . . . EBERT SPECTROMETERS
 . . . ELLIPSOIDMETERS
 . . . ETALONS
 . . . GEODIMETERS
 . . . HAPLOSCOPES
 . . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED SPECTROMETERS
 . . . LIGHT SCATTERING METERS
 . . . MICRODENSITOMETERS
 . . . NEPHELOMETERS
 . . . OCULOMETERS
 . . . OPTICAL PYROMETERS
 . . . OPTICAL RANGE FINDERS
 . . . LASER RANGE FINDERS
 . . . PHOTOGRAPHOMETERS
 . . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . TOTAL OZONE MAPPING SPECTROMETER
 . . . ULTRAVIOLET SPECTROPHOTOMETERS
 . . . POLARIMETERS
 . . . REFLECTOMETERS
 . . . MICROWAVE REFLECTOMETERS
 . . . REFRACTOMETERS
 . . . SEXTANTS
 . . . SPECTROPHOTOMETERS
 . . . INFRARED SPECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROPHOTOMETERS
 . . . TRANSITS
 . . . THEODOLITES
 . . . CINETHEODOLITES
 . . . TRANSMISSOMETERS
 . . . OSCILLOGRAPHS
 . . . OXYGEN ANALYZERS
 . . . PENETROMETERS
 . . . PLASMA PROBES
 . . . ELECTROSTATIC PROBES
 . . . POLARISCOPES
 . . . SENARMONT POLARISCOPES
 . . . POTENTIOMETERS (INSTRUMENTS)
 . . . PRESSURE GAGES
 . . . BAROMETERS
 . . . MANOMETERS
 . . . OSMOMETERS
 . . . PIEZOELECTRIC GAGES
 . . . PIEZOMETERS
 . . . VACUUM GAGES
 . . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION GAGES
 . . . PENNING GAGES
 . . . PHILIPS IONIZATION GAGES
 . . . KNUDSEN GAGES
 . . . MCLEOD GAGES
 . . . PIRANI GAGES
 . . . PROFILOMETERS
 . . . PROTRACTORS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . ACTINOMETERS
 . . . INFRARED SPECTROMETERS
 . . . PYRANOMETERS
 . . . RADIOMETERS
 . . . DICKE RADIOMETERS
 . . . INFRARED DETECTORS
 . . . INFRARED RADIOMETERS
 . . . INFRARED SCANNERS
 . . . MICROWAVE RADIOMETERS
 . . . PASSIVE L-BAND RADIOMETERS
 . . . PRESSURE MODULATOR RADIOMETERS
 . . . SPECTORADIOMETERS
 . . . SOLAR SPECTROMETERS
 . . . SPECTROHELIOGRAPHS
 . . . SPECTROPHOTOMETERS
 . . . INFRARED SPECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROPHOTOMETERS
 . . . ULTRAVIOLET DETECTORS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . TOTAL OZONE MAPPING SPECTROMETER

MEASURING INSTRUMENTS--(cont.)

. . . ULTRAVIOLET SPECTROPHOTOMETERS
 . . . X RAY DETECTORS
 . . . BOLOMETERS
 . . . EBERT SPECTROMETERS
 . . . ELECTROSTATIC PROBES
 . . . FABRY-PEROT SPECTROMETERS
 . . . HODOSCOPES
 . . . INFRARED INSTRUMENTS
 . . . INFRARED DETECTORS
 . . . FLIR DETECTORS
 . . . INFRARED RADIOMETERS
 . . . INFRARED SCANNERS
 . . . INFRARED SPECTROMETERS
 . . . INFRARED SPECTROPHOTOMETERS
 . . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . TOTAL OZONE MAPPING SPECTROMETER
 . . . ULTRAVIOLET SPECTROPHOTOMETERS
 . . . RADIATION COUNTERS
 . . . CERENKOV COUNTERS
 . . . ELECTRON COUNTERS
 . . . GEIGER COUNTERS
 . . . NEUTRON COUNTERS
 . . . NEUTRON SPECTROMETERS
 . . . PARTICLE TELESCOPES
 . . . PROPORTIONAL COUNTERS
 . . . QUANTUM COUNTERS
 . . . SCINTILLATION COUNTERS
 . . . SPARK CHAMBERS
 . . . RADIATION DETECTORS
 . . . DOSIMETERS
 . . . THRESHOLD DETECTORS (DOSIMETERS)
 . . . GOLAY DETECTOR CELLS
 . . . SILICON RADIATION DETECTORS
 . . . RIOMETERS
 . . . RATIONOMETERS
 . . . RESONANCE PROBES
 . . . RESPIROMETERS
 . . . SATELLITE-BORNE INSTRUMENTS
 . . . ADVANCED VERY HIGH RESOLUTION RADIOMETER
 . . . AMPS (SATELLITE PAYLOAD)
 . . . TOTAL OZONE MAPPING SPECTROMETER
 . . . SCATTEROMETERS
 . . . SHOCK MEASURING INSTRUMENTS
 . . . SONDES
 . . . DROPSONDES
 . . . JUDI-DART ROCKET
 . . . RADIOSONDES
 . . . ENDORADIOSONDES
 . . . IONOSONDES
 . . . RAWINSONDES
 . . . SPECTROMETERS
 . . . EBERT SPECTROMETERS
 . . . FABRY-PEROT SPECTROMETERS
 . . . GAMMA RAY SPECTROMETERS
 . . . IMAGING SPECTROMETERS
 . . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED SPECTROMETERS
 . . . LASER SPECTROMETERS
 . . . MASS SPECTROMETERS
 . . . MICROWAVE SPECTROMETERS
 . . . NEUTRON SPECTROMETERS
 . . . SOLAR BACKSCATTER UV SPECTROMETER
 . . . SOLAR SPECTROMETERS
 . . . SPECTROHELIOGRAPHS
 . . . TIME OF FLIGHT SPECTROMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . HIGH DISPERSION SPECTROGRAPHS
 . . . TOTAL OZONE MAPPING SPECTROMETER
 . . . SPUTTERING GAGES
 . . . STRAIN GAGES
 . . . TEMPERATURE MEASURING INSTRUMENTS
 . . . BATHYTHERMOGRAPHS
 . . . OPTICAL PYROMETERS
 . . . PNEUMATIC PROBES
 . . . PYROMETERS
 . . . RADIATION PYROMETERS
 . . . THERMOCOUPLE PYROMETERS
 . . . TEMPERATURE PROBES
 . . . THERMOMETERS
 . . . RESISTANCE THERMOMETERS
 . . . TENSIOLOGMETERS
 . . . TENSOMETERS

MEASURING INSTRUMENTS--(cont.)

. . . THERMAL CONDUCTIVITY GAGES
 . . . TILTMETERS
 . . . TIME MEASURING INSTRUMENTS
 . . . CLOCKS
 . . . ATOMIC CLOCKS
 . . . AUTONOMOUS SPACECRAFT CLOCKS
 . . . CHRONOMETERS
 . . . TIMING DEVICES
 . . . TITRIMETERS
 . . . TORQUEMETERS
 . . . TURBULENCE METERS
 . . . VIBRATION METERS
 . . . SEISMOGRAPHS
 . . . LUNAR SEISMOGRAPHS
 . . . VISCOMETERS
 . . . VOLTMETERS
 . . . MILLIVOLTMETERS
 . . . WATTMETERS
 RT AIRCRAFT INSTRUMENTS
 AUTOMATIC CONTROL
 AUTOMATIC TEST EQUIPMENT
 BIOINSTRUMENTATION
 CALIBRATING
 CIRCUMSOLAR TELESCOPES
 CONTROL MOMENT GYROSCOPES
 CONTROLLERS
 ∞ DETECTORS
 DRAG MEASUREMENT
 DUOCHROMATORS
 ELECTRIC BRIDGES
 ELECTRICAL MEASUREMENT
 FLIGHT INSTRUMENTS
 FOREST FIRE DETECTION
 FRAUNHOFER LINE DISCRIMINATORS
 IMBLS
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 ∞ INSTRUMENTS
 INTERNATIONAL SYSTEM OF UNITS
 LABORATORY EQUIPMENT
 LANDING INSTRUMENTS
 LARGE APERTURE SEISMIC ARRAY
 LOCAL SCIENTIFIC SURVEY MODULE
 LUNAR RANGEFINDING
 ∞ MEASUREMENT
 METROLOGY
 MICROINSTRUMENTATION
 MONITORS
 NAVIGATION INSTRUMENTS
 ∞ PROBES
 PROPELLANT ACTUATED INSTRUMENTS
 RADIO PROBING
 RADIO TELEMETRY
 RAPID BALLISTICS IDENTIFICATION
 RECORDING INSTRUMENTS
 REMOTE SENSORS
 ROCKET-BORNE INSTRUMENTS
 RONCHI TEST
 SATELLITE INSTRUMENTS
 ∞ SENSORS
 SODAR
 SOUND DETECTING AND RANGING
 SPACECRAFT INSTRUMENTS
 SYNCHROSCOPES
 TELEMETRY
 ∞ TEST EQUIPMENT
 TRANSDUCERS
 ULTRASONIC SCANNERS
 VENTURI TUBES
 WHEATSTONE BRIDGES
 WIND TUNNEL CALIBRATION

MECAMYLAMINE

GS AMINES
 . . . MECAMYLAMINE
 TERPENES
 . . . MECAMYLAMINE

MECHANICAL DEVICES

RT CAMS
 CLAMPS
 CLIPS
 CLUTCHES
 ∞ DEVICES
 ∞ EQUIPMENT
 HOLDERS
 JIGS
 LEVERS
 LINKAGES
 MACHINE TOOLS
 ∞ MECHANISM
 MECHANIZATION
 TOOLS

MECHANICAL DRAWINGS

USE ENGINEERING DRAWINGS

MECHANICAL DRIVES

UF ROTARY DRIVES
 GS **MECHANICAL DRIVES**
 . MAGNETIC TAPE TRANSPORTS
 . PROPELLER DRIVE
 . HELICOPTER PROPELLER DRIVE
 . TRANSMISSIONS (MACHINE ELEMENTS)
 RT CLUTCHES
 COUNTER-ROTATING WHEELS
 COUPLING
 COUPLINGS
 ∞ DRIVES
 ∞ GEAR
 GEAR TEETH
 GEARS
 MAGNETOELECTRIC MEDIA
 ∞ POWER TRANSMISSION
 SHAFTS (MACHINE ELEMENTS)
 VEHICLE WHEELS
 WIND TUNNEL DRIVES
 WINDMILLS (WINDPOWERED MACHINES)

MECHANICAL ENGINEERING

RT AERONAUTICAL ENGINEERING
 AEROSPACE ENGINEERING
 ∞ ENGINEERING
 FLUID FLOW
 FLYWHEELS
 FURNACES
 HEAT TRANSFER
 MACHINE TOOLS
 ∞ MACHINERY
 MAINTENANCE
 MATERIALS HANDLING
 STRESS ANALYSIS
 THERMODYNAMICS
 VIBRATION TESTS

MECHANICAL FINGERS

USE END EFFECTORS

MECHANICAL HANDS

USE END EFFECTORS

MECHANICAL IMPEDANCE

GS IMPEDANCE
 . **MECHANICAL IMPEDANCE**
 RT ATTENUATION
 DAMPING
 FRICTION
 IMPEDANCE MEASUREMENT

MECHANICAL MEASUREMENT

SN (MEASUREMENT OF MECHANICAL PROPERTIES, QUANTITIES OR CONDITIONS)
 GS **MECHANICAL MEASUREMENT**
 . DISPLACEMENT MEASUREMENT
 . DRAG MEASUREMENT
 . FLOW MEASUREMENT
 . . PARTICLE IMAGE VELOCIMETRY
 . FRICTION MEASUREMENT
 . PRESSURE MEASUREMENT
 . STRESS MEASUREMENT
 . . X RAY STRESS MEASUREMENT
 . THRUST MEASUREMENT
 . VELOCITY MEASUREMENT
 . . PARTICLE IMAGE VELOCIMETRY
 . . WIND VELOCITY MEASUREMENT
 . VIBRATION MEASUREMENT
 . WIND MEASUREMENT
 . . WIND VELOCITY MEASUREMENT
 RT ACCELEROMETERS
 ACOUSTIC MEASUREMENT
 DEFORMETERS
 DENSITY MEASUREMENT
 DEPTH MEASUREMENT
 DYNAMOMETERS
 EXTENSOMETERS
 FLOWMETERS
 ∞ MEASUREMENT
 STRAIN GAGES
 TENSOMETERS
 TORQUEMETERS
 WEIGHT INDICATORS

MECHANICAL OSCILLATORS

GS OSCILLATORS
 . **MECHANICAL OSCILLATORS**
 . . PENDULUMS
 . . . GYROSCOPIC PENDULUMS
 RT ELECTRIC CHOPPERS

MECHANICAL OSCILLATORS--(cont.)

HARMONIC OSCILLATORS
 RECIPROCATION
 RESONANT VIBRATION
 VIBRATION

MECHANICAL PROPERTIES

UF MATERIAL STRENGTH
 METEORITE COMPRESSION TESTS
 STRENGTH OF MATERIALS
 GS **MECHANICAL PROPERTIES**
 . BRITTLENESS
 . BULK MODULUS
 . COLD STRENGTH
 . COMPRESSIBILITY
 . COMPRESSIVE STRENGTH
 . CREEP PROPERTIES
 . . SHEAR CREEP
 . . STEADY STATE CREEP
 . . TENSILE CREEP
 . CREEP RUPTURE STRENGTH
 . CREEP STRENGTH
 . DIMENSIONAL STABILITY
 . . STRUCTURAL STABILITY
 . . . SHELL STABILITY
 . DUCTILITY
 . EARTHQUAKE RESISTANCE
 . ELASTIC PROPERTIES
 . . AEROELASTICITY
 . . . AEROSERVOELASTICITY
 . . . AEROTHERMOELASTICITY
 . . ANELASTICITY
 . . ELASTOPLASTICITY
 . . HYDROELASTICITY
 . . HYPOELASTICITY
 . . MAGNETOSTRICTION
 . . MODULUS OF ELASTICITY
 . . . DYNAMIC MODULUS OF ELASTICITY
 . . PHOTOELASTICITY
 . . . PHOTOVISCOELASTICITY
 . . PROPORTIONAL LIMIT
 . . THERMOELASTICITY
 . . . AEROTHERMOELASTICITY
 . . VISCOELASTICITY
 . . . PHOTOVISCOELASTICITY
 . . . THERMOVISCOELASTICITY
 . ELECTROSTRICTION
 . FATIGUE LIFE
 . FIBER STRENGTH
 . FLEXIBILITY
 . FRACTURE STRENGTH
 . HARDNESS
 . . KNOOP HARDNESS
 . . MICROHARDNESS
 . . ROCKWELL HARDNESS
 . HIGH STRENGTH
 . IMPACT STRENGTH
 . MALLEABILITY
 . MODULAR RATIOS
 . NOTCH STRENGTH
 . PIEZOELECTRICITY
 . PLASTIC PROPERTIES
 . . ELASTOPLASTICITY
 . . PHOTOPLASTICITY
 . . SUPERPLASTICITY
 . . THERMOPLASTICITY
 . . VISCOPLASTICITY
 . . YIELD POINT
 . . POISSON RATIO
 . RESILIENCE
 . SET
 . SHEAR PROPERTIES
 . . SHEAR STRENGTH
 . STIFFNESS
 . STRESS CYCLES
 . STRESS RATIO
 . STRESS RELAXATION
 . TENSILE PROPERTIES
 . TENSILE STRENGTH
 . THERMAL RESISTANCE
 . TOUGHNESS
 . . NOTCH SENSITIVITY
 . WEAR RESISTANCE
 . . ABRASION RESISTANCE
 . WELD STRENGTH
 . YIELD STRENGTH
 . . LOAD CARRYING CAPACITY
 . . MICROYIELD STRENGTH
 RT ACOUSTIC PROPERTIES
 AGING (MATERIALS)
 ANISOTROPY
 BUOYANCY
 CAST ALLOYS
 COEFFICIENTS
 COMPRESSING
 COMPRESSION LOADS

MECHANICAL PROPERTIES--(cont.)

DEFORMATION
 DURABILITY
 ELONGATION
 FATIGUE (MATERIALS)
 FERRITIC STAINLESS STEELS
 FIBER ORIENTATION
 FLATNESS
 ∞ HIGH RESISTANCE
 HYSTERESIS
 IMPEDANCE
 INTERFACIAL TENSION
 INTERFERENCE FIT
 INTERNAL FRICTION
 ISOTROPY
 J INTEGRAL
 ∞ LOW RESISTANCE
 ∞ MATERIALS
 ∞ MATERIALS TESTS
 ∞ METALLURGY
 MICROMECHANICS
 MICROPOROSITY
 PEELING
 PERMEABILITY
 ∞ PHYSICAL PROPERTIES
 PROPELLANT PROPERTIES
 ∞ PROPERTIES
 RADIATION EFFECTS
 RELIABILITY
 ∞ RIGIDITY
 ROUGHNESS
 RUGGEDNESS
 SHEAR STRAIN
 SHEAR STRESS
 SHOCK RESISTANCE
 SOLID MECHANICS
 SPECIFICATIONS
 SPECIMEN GEOMETRY
 STRAIN RATE
 ∞ STRENGTH
 STRESS CONCENTRATION
 STRESSES
 STRUCTURAL FAILURE
 SUPERCOOLING
 SURFACE DEFECTS
 SURFACE PROPERTIES
 SURFACE ROUGHNESS
 TEARING
 TEMPERATURE INVERSIONS
 TEXTURES
 TOLERANCES (MECHANICS)
 TRIAXIAL STRESSES
 TRIBOLUMINESCENCE
 WEATHERING

MECHANICAL RESONANCE

USE RESONANT VIBRATION

MECHANICAL SHOCK

UF JARRING
 GS **MECHANICAL SHOCK**
 . HYDRAULIC SHOCK
 RT ACCELERATION (PHYSICS)
 HIGH ACCELERATION
 HYPERVELOCITY IMPACT
 IMPACT
 IMPACT ACCELERATION
 ∞ SHOCK
 SHOCK ABSORBERS
 SHOCK RESISTANCE
 SHOCK SPECTRA
 SHOCK WAVES
 VIBRATION

MECHANICAL TWINNING

GS TWINNING
 . **MECHANICAL TWINNING**
 RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 CRYSTAL STRUCTURE
 WORK HARDENING

MECHANICS (PHYSICS)

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT CELESTIAL MECHANICS
 CLASSICAL MECHANICS
 CONTINUUM MECHANICS
 ∞ DYNAMICS
 ELECTROMECHANICS
 FLIGHT MECHANICS
 FLUID DYNAMICS
 FLUID MECHANICS
 FRACTURE MECHANICS

MECHANICS (PHYSICS)--(cont.)

GAS DYNAMICS
 ∞ HYDRAULICS
 HYDRODYNAMICS
 KINEMATICS
 KINETICS
 LOADS (FORCES)
 ∞ MECHANISM
 MEGAMECHANICS
 MICROMECHANICS
 ORBITAL MECHANICS
 ∞ PHYSICS
 QUANTUM MECHANICS
 ∞ SCIENCE
 SOLID MECHANICS
 STATICS
 STATISTICAL MECHANICS
 VIRIAL THEOREM
 WIGNER COEFFICIENT

∞ MECHANISM

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT ∞ MACHINERY
 MECHANICAL DEVICES
 ∞ MECHANICS (PHYSICS)
 ∞ METHODOLOGY

MECHANIZATION

RT ∞ AUTOMATION
 DATA PROCESSING
 DEPERSONALIZATION
 ∞ MACHINERY
 MAN MACHINE SYSTEMS
 MECHANICAL DEVICES
 ∞ OPERATIONS
 SYSTEMS ENGINEERING
 TOOLING
 TOOLS

MECHANOGRAMS

GS MEASURING INSTRUMENTS
 . MECHANOGRAMS
 MEDICAL EQUIPMENT
 . MECHANOGRAMS
 RECORDING INSTRUMENTS
 . MECHANOGRAMS
 RT MUSCULAR FUNCTION

MECHANORECEPTORS

GS ANATOMY
 . SENSE ORGANS
 . MECHANORECEPTORS
 RECEPTORS (PHYSIOLOGY)
 . MECHANORECEPTORS
 RT SENSITOMETRY

MECLIZINE

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . MECLIZINE
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . HETEROCYCLIC COMPOUNDS
 . . . AZINES
 . MECLIZINE
 PYRAZINES
 . AZINES
 . MECLIZINE

MEDIA

SN (EXCLUDES COMMUNICATION
 TECHNIQUES)
 GS MEDIA
 . ANISOTROPIC MEDIA
 . . ANISOTROPIC FLUIDS
 . ELASTIC MEDIA
 . INTERGALACTIC MEDIA
 . INTERPLANETARY MEDIUM
 . . INTERPLANETARY DUST
 . . . METEOROID DUST CLOUDS
 ZODIACAL DUST
 . . INTERPLANETARY GAS
 RT ∞ CHANNELS

MEDIAN (STATISTICS)

RT AVERAGE
 DISTRIBUTION MOMENTS
 ERRORS
 MEAN
 MODE (STATISTICS)
 NORMALITY
 NORMS
 QUALITY CONTROL

MEDIAN (STATISTICS)--(cont.)

STATISTICAL ANALYSIS
 ∞ TESTS

MEDIASTINUM

RT SEPTUM
 TISSUES (BIOLOGY)

MEDIATION

RT LABOR
 MANAGEMENT PLANNING

MEDICAL ELECTRONICS

RT ECHOENCEPHALOGRAPHY
 ELECTROCARDIOGRAPHY
 ELECTROENCEPHALOGRAPHY
 ELECTROMYOGRAPHY
 ∞ ELECTRONICS
 ELECTROPLETHYSMOGRAPHY
 ELECTRORETINOGRAPHY

MEDICAL EQUIPMENT

GS MEDICAL EQUIPMENT
 . ARTIFICIAL CARDIAC PACEMAKER
 . ARTIFICIAL HEART VALVES
 . BLOOD PUMPS
 . CARDIOTACHOMETERS
 . ENDOSCOPES
 . MECHANOGRAMS
 . PROSTHETIC DEVICES
 . . ARTIFICIAL EARS
 . RESPIRATORS
 . STETHOSCOPES
 . STRETCHERS
 . SURGICAL INSTRUMENTS
 . SYRINGES
 . TOURNIQUETS
 . X RAY APPARATUS
 . . LIXISCOPES
 . . X RAY TUBES
 RT CARDIOGRAPHY
 DENTISTRY
 DIAGNOSIS
 ECHOENCEPHALOGRAPHY
 ELECTROENCEPHALOGRAPHY
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ∞ EQUIPMENT
 FIRST AID
 FLUOROSCOPY
 HOSPITALS
 IMBLS
 ∞ MEDICINE
 MICROTOMY
 MOBILE QUARANTINE FACILITY
 THERAPY

MEDICAL PERSONNEL

GS PERSONNEL
 . MEDICAL PERSONNEL
 . . FLIGHT NURSES
 . . PHYSICIANS
 . . SURGEONS
 . . . FLIGHT SURGEONS
 RT ∞ MEDICINE

MEDICAL PHENOMENA

RT DIVING (UNDERWATER)
 PHENOMENOLOGY

MEDICAL SCIENCE

GS MEDICAL SCIENCE
 . ANESTHESIOLOGY
 . CARDIOLOGY
 . CLINICAL MEDICINE
 . DENTISTRY
 . DERMATOLOGY
 . ENDOCRINOLOGY
 . EPIDEMIOLOGY
 . GERIATRICS
 . GYNECOLOGY
 . HISTOLOGY
 . IMMUNOLOGY
 . NEUROLOGY
 . NUCLEAR MEDICINE
 . . RADIOBIOLOGY
 . OPHTHALMOLOGY
 . ORTHOPEDICS
 . OTOLARYNGOLOGY
 . OTOTOLOGY
 . PATHOLOGY
 . . HUMAN PATHOLOGY
 . . PSYCHIATRY
 . . NEUROPSYCHIATRY
 . . SOCIAL PSYCHIATRY

MEDICAL SCIENCE--(cont.)

. RADIOLOGY
 . RADIOPATHOLOGY
 . SYMPTOMOLOGY
 . UROLOGY
 RT AEROSPACE MEDICINE
 ∞ BIOLOGY
 DIAGNOSIS
 DISEASES
 FIRST AID
 ∞ MEDICINE
 OPTOMETRY
 PHARMACOLOGY
 PNEUMOTHORAX
 PSYCHOPHARMACOLOGY
 RADIATION THERAPY
 ∞ SCIENCE
 SPORTS MEDICINE
 TRANSFUSION

MEDICAL SERVICES

GS SERVICES
 . MEDICAL SERVICES
 RT AMBULANCES
 FIRST AID
 INTRAVENOUS PROCEDURES
 MOBILE QUARANTINE FACILITY
 PUBLIC HEALTH

∞ MEDICINE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT AEROSPACE MEDICINE
 CLINICAL MEDICINE
 MEDICAL EQUIPMENT
 MEDICAL PERSONNEL
 MEDICAL SCIENCE
 NEUROPSYCHIATRY
 PHARMACOLOGY
 PSYCHOPHARMACOLOGY
 RADIOBIOLOGY
 RADIOLOGY
 VETERINARY MEDICINE

MEDITERRANEAN SEA

GS SEAS
 . MEDITERRANEAN SEA
 . . ADRIATIC SEA
 RT CYPRUS
 GIBRALTAR
 MALTA
 RHONE DELTA (FRANCE)
 SICILY

MEDIUM SCALE INTEGRATION

GS CIRCUITS
 . INTEGRATED CIRCUITS
 . . MEDIUM SCALE INTEGRATION
 MICROELECTRONICS
 . MEDIUM SCALE INTEGRATION
 RT ELECTRONIC PACKAGING
 LARGE SCALE INTEGRATION
 MOLECULAR ELECTRONICS
 PRINTED CIRCUITS

MEETINGS

USE CONFERENCES

MEGALOPOLISES

RT CITIES
 COMMUNITIES
 DEMOGRAPHY
 INDUSTRIAL AREAS
 REGIONAL PLANNING
 RESIDENTIAL AREAS
 RURAL AREAS
 SUBURBAN AREAS
 URBAN DEVELOPMENT
 URBAN TRANSPORTATION

MEGAMECHANICS

RT LARGE SPACE STRUCTURES
 ∞ MECHANICS (PHYSICS)
 STRUCTURAL ANALYSIS
 STRUCTURAL ENGINEERING
 TRUSSES

MEISSNER EFFECT

USE DIAMAGNETISM
 SUPERCONDUCTIVITY

MELAMINE

GS AMINES

MELAMINE--(cont.)

RT **MELAMINE**
RESINS

MELANIN

GS BIOPOLYMERS
. PROTEINS
. **MELANIN**
ORGANIC COMPOUNDS
. PROTEINS
. **MELANIN**
PIGMENTS
. **MELANIN**
RT DOPA
SKIN (ANATOMY)

MELANOIDIN

GS ACIDS
. AMINO ACIDS
. **MELANOIDIN**
ORGANIC COMPOUNDS
. AMINO ACIDS
. **MELANOIDIN**

MELLIN TRANSFORMS

GS FUNCTIONS (MATHEMATICS)
. **MELLIN TRANSFORMS**
RT INTEGRAL EQUATIONS
KERNEL FUNCTIONS

MELT SPINNING

GS CRYSTALLIZATION
. **MELT SPINNING**
MELTS (CRYSTAL GROWTH)
. **MELT SPINNING**
SOLIDIFICATION
. **MELT SPINNING**
RT ∞ METALLURGY
PHASE TRANSFORMATIONS

MELTING

UF REMELTING
THAWING
GS PHASE TRANSFORMATIONS
. **MELTING**
. ARC MELTING
. FUSION (MELTING)
. LEVITATION MELTING
. VACUUM MELTING
RT ABLATION
AUFELS (ICE)
BURNTHROUGH (FAILURE)
CASTING
COAL LIQUEFACTION
CONTAINERLESS MELTS
COOLING
DEFROSTING
DEICING
DROP TRANSFER
EXTRACTION
FREEZING
FURNACES
HEAT OF FUSION
HEATING
ICE PREVENTION
IMPACT MELTS
INDUCTION HEATING
INJECTION MOLDING
LIQUEFACTION
LIQUID METALS
LIQUID-SOLID INTERFACES
MELTS (CRYSTAL GROWTH)
METAL CUTTING
METAL FOAMS
∞ METALLURGY
MOLDS
PHASE CHANGE MATERIALS
PSEUDOPOTENTIALS
∞ SEPARATION
SMELTING
SOLAR FURNACES
SPIKING
ZONE MELTING

MELTING POINTS

UF FREEZING POINTS
GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. **MELTING POINTS**
RT HIGH TEMPERATURE TESTS
LIQUID PHASES
LIQUIDUS
LOW TEMPERATURE TESTS
PHASE DIAGRAMS
REACTION BONDING

MELTING POINTS--(cont.)

SOLID SOLUTIONS
SOLID STATE
SOLIDIFICATION
SOLIDIFIED GASES
SPECIFIC HEAT
TEMPERATURE
TRANSITION TEMPERATURE

MELTS (CRYSTAL GROWTH)

GS **MELTS (CRYSTAL GROWTH)**
. CONTAINERLESS MELTS
. IMPACT MELTS
. MELT SPINNING
RT ATOMIC STRUCTURE
CRYSTAL GROWTH
CRYSTALLIZATION
FLOAT ZONES
MARANGONI CONVECTION
MELTING
SEMICONDUCTORS (MATERIALS)

MEM (EXCURSION MODULE)

USE MARS EXCURSION MODULE

MEMBRANE ANALOGY

USE MEMBRANE STRUCTURES
STRUCTURAL ANALYSIS

MEMBRANE STRUCTURES

UF MEMBRANE ANALOGY
GS MEMBRANES
. **MEMBRANE STRUCTURES**
. SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
. **MEMBRANE STRUCTURES**
. SKIN (STRUCTURAL MEMBER)
RT DIAPHRAGMS (MECHANICS)
METAL SHELLS
PERFORATED SHELLS
SCOTCHLITE (TRADEMARK)
∞ SHEETS
SHELLS (STRUCTURAL FORMS)
∞ STRUCTURES
THIN WALLED SHELLS
WEBS (SUPPORTS)

MEMBRANE THEORY

USE STRUCTURAL ANALYSIS

MEMBRANES

UF WEBS (MEMBRANES)
GS **MEMBRANES**
. CELL MEMBRANES (BIOLOGY)
. CHOROID MEMBRANES
. CONJUNCTIVA
. EPICARDIUM
. ION EXCHANGE MEMBRANE
ELECTROLYTES
. MEMBRANE STRUCTURES
. SKIN (STRUCTURAL MEMBER)
. PERITONEUM
. PLEURAE
RT ∞ DIAPHRAGMS
DIAPHRAGMS (MECHANICS)
∞ FILMS
JET MEMBRANE PROCESS
∞ LAYERS
OSMOSIS
REVERSE OSMOSIS
SEPTUM
∞ SHEETS
SHELLS (STRUCTURAL FORMS)
SKIN (ANATOMY)
∞ WEBS
WEBS (SHEETS)
WEBS (SUPPORTS)

MEMORY

SN (LIMITED TO SENTIENT
ORGANISMS--EXCLUDES COMPUTER
STORAGE DEVICES AND PLASTIC
MEMORY)
RT EDUCATION
LEARNING
MNEMONICS
RECOGNITION
RETENTION (PSYCHOLOGY)

MEMORY (COMPUTERS)

RT ARCHITECTURE (COMPUTERS)
COMPUTER DESIGN
COMPUTER STORAGE DEVICES
COMPUTERS
HOLE BURNING

MEMORY (COMPUTERS)--(cont.)

MAGNETIC DISKS
VIDEO DISKS

MENDELEVIUM

GS CHEMICAL ELEMENTS
. ACTINIDE SERIES
. TRANSURANIUM ELEMENTS
. **MENDELEVIUM**
. NUCLIDES
. ISOTOPE
. RADIOACTIVE ISOTOPE
. TRANSURANIUM ELEMENTS
. **MENDELEVIUM**
METALS
. ACTINIDE SERIES
. TRANSURANIUM ELEMENTS
. **MENDELEVIUM**

MENINGITIS

GS DISEASES
. INFECTIOUS DISEASES
. **MENINGITIS**
RT ACQUIRED IMMUNODEFICIENCY
SYNDROME
BACTERIAL DISEASES
VIRAL DISEASES

MENISCI

GS LIQUID SURFACES
. **MENISCI**
RT CURVES (GEOMETRY)
LIQUID-GAS MIXTURES
LIQUID-SOLID INTERFACES
LIQUID-VAPOR INTERFACES
∞ SURFACES

MENSTRUATION

RT FEMALES
OVARIES
PHYSIOLOGY

MENTAL HEALTH

GS HEALTH
. **MENTAL HEALTH**
RT HUMAN PERFORMANCE
INTELLIGENCE
NEUROPSYCHIATRY
PSYCHOTHERAPY
RORSCHACH TESTS
SCHIZOPHRENIA

MENTAL PERFORMANCE

RT COGNITIVE PSYCHOLOGY
CONSCIOUSNESS
HUMAN PERFORMANCE
HYPERNEA
INSPIRATION
INTELLECT
INTELLIGENCE
INTELLIGENCE TESTS
IRRATIONALITY
LIES
OPERATOR PERFORMANCE
∞ PERFORMANCE
PSYCHOMOTOR PERFORMANCE
STRESS (PSYCHOLOGY)
WORKLOADS (PSYCHOPHYSIOLOGY)

MENTAL STRESS

USE STRESS (PSYCHOLOGY)

MENTHOL

GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. CYCLIC HYDROCARBONS
. **MENTHOL**
. HYDROCARBONS
. CYCLIC HYDROCARBONS
. **MENTHOL**
TERPENES
. **MENTHOL**

MEPROBAMATE

GS ESTERS
. **MEPROBAMATE**

MERCAPTAN

USE THIOLS

MERCAPTO COMPOUNDS

USE THIOLS

MERCATOR PROJECTION

- GS GEOMETRY
 - . EUCLIDEAN GEOMETRY
 - . ANALYTIC GEOMETRY
 - . . . **MERCATOR PROJECTION**
 - . . . PROJECTIVE GEOMETRY
 - . . . **MERCATOR PROJECTION**
- RT MAPS

MERCURE AIRCRAFT

- GS TRANSPORT AIRCRAFT
 - . SHORT HAUL AIRCRAFT
 - . . . **MERCURE AIRCRAFT**
- RT ∞ AIRCRAFT
 - . CARGO AIRCRAFT
 - . PASSENGER AIRCRAFT

MERCURY (METAL)

- UF LIQUID MERCURY
- GS CHEMICAL ELEMENTS
 - . **MERCURY (METAL)**
 - . . . MERCURY ISOTOPES
 - . . . MERCURY VAPOR
 - . LIQUIDS
 - . LIQUID METALS
 - . . . **MERCURY (METAL)**
 - . . . MERCURY VAPOR
 - . METALS
 - . LIQUID METALS
 - . . . **MERCURY (METAL)**
 - . . . MERCURY VAPOR
 - . TRANSITION METALS
 - . . . **MERCURY (METAL)**

MERCURY (PLANET)

- GS CELESTIAL BODIES
 - . PLANETS
 - . . . TERRESTRIAL PLANETS
 - . . . **MERCURY (PLANET)**
- RT MERCURY ATMOSPHERE
 - . MERCURY SURFACE
 - . PLANETARY CRATERS

MERCURY ALLOYS

- GS ALLOYS
 - . **MERCURY ALLOYS**
 - . . . MERCURY AMALGAMS

MERCURY AMALGAMS

- UF AMALGAMS
- GS ALLOYS
 - . MERCURY ALLOYS
 - . . . **MERCURY AMALGAMS**

MERCURY ARCS

- GS ELECTRIC CURRENT
 - . ELECTRIC DISCHARGES
 - . . . ELECTRIC ARCS
 - . . . **MERCURY ARCS**
- RT ARC LAMPS
 - . METALLIC PLASMAS
 - . RECTIFIERS

MERCURY ATMOSPHERE

- GS ENVIRONMENTS
 - . EXTRATERRESTRIAL ENVIRONMENTS
 - . . . PLANETARY ENVIRONMENTS
 - . . . PLANETARY ATMOSPHERES
 - . . . **MERCURY ATMOSPHERE**
- RT MERCURY (PLANET)
 - . MERCURY SURFACE
 - . PLANETARY METEOROLOGY

MERCURY CADMIUM TELLURIDES

- UF CADMIUM MERCURY TELLURIDES
- GS MERCURY COMPOUNDS
 - . MERCURY TELLURIDES
 - . . . **MERCURY CADMIUM TELLURIDES**
- RT INFRARED DETECTORS
 - . PHOTOCONDUCTIVITY
 - . PHOTOCONDUCTORS
 - . PHOTODIODES

MERCURY COMPOUNDS

- GS **MERCURY COMPOUNDS**
 - . MERCURY OXIDES
 - . MERCURY TELLURIDES
 - . . . MERCURY CADMIUM TELLURIDES
- RT ∞ CHEMICAL COMPOUNDS
 - . ∞ GROUP 2B COMPOUNDS
 - . ∞ METAL COMPOUNDS

MERCURY FLIGHTS

- GS SPACE FLIGHT

MERCURY FLIGHTS--(cont.)

- . MANNED SPACE FLIGHT
- . . . **MERCURY FLIGHTS**
- . . . MERCURY MA-1 FLIGHT
- . . . MERCURY MA-2 FLIGHT
- . . . MERCURY MA-3 FLIGHT
- . . . MERCURY MA-4 FLIGHT
- . . . MERCURY MA-5 FLIGHT
- . . . MERCURY MA-6 FLIGHT
- . . . MERCURY MA-7 FLIGHT
- . . . MERCURY MA-8 FLIGHT
- . . . MERCURY MA-9 FLIGHT
- . . . MERCURY MR-1 FLIGHT
- . . . MERCURY MR-2 FLIGHT
- . . . MERCURY MR-3 FLIGHT
- . . . MERCURY MR-4 FLIGHT
- RT ATLAS LAUNCH VEHICLES
 - . MANNED SPACECRAFT
 - . SPACE CAPSULES

MERCURY ION ENGINES

- GS ENGINES
 - . ROCKET ENGINES
 - . . . ELECTRIC ROCKET ENGINES
 - . . . ION ENGINES
 - . . . **MERCURY ION ENGINES**
- RT ELECTROSTATIC ENGINES
 - . NUCLEAR PROPULSION
 - . NUCLEAR ROCKET ENGINES
 - . PLASMA ENGINES

MERCURY ISOTOPES

- GS CHEMICAL ELEMENTS
 - . MERCURY (METAL)
 - . . . **MERCURY ISOTOPES**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . **MERCURY ISOTOPES**

MERCURY LAMPS

- GS LIGHTING EQUIPMENT
 - . LUMINAIRES
 - . . . **MERCURY LAMPS**
- RT LIGHT SOURCES
 - . PHOSPHORS
 - . STERILIZATION
 - . XENON LAMPS

MERCURY MA-1 FLIGHT

- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-1 FLIGHT**
- RT ATLAS LAUNCH VEHICLES

MERCURY MA-2 FLIGHT

- UF MA-2 MISSION
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-2 FLIGHT**
- RT ATLAS LAUNCH VEHICLES
 - . FAITH 7

MERCURY MA-3 FLIGHT

- UF MA-3 FLIGHT
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-3 FLIGHT**
- RT ATLAS LAUNCH VEHICLES

MERCURY MA-4 FLIGHT

- UF MA-4 FLIGHT
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-4 FLIGHT**
- RT ATLAS LAUNCH VEHICLES

MERCURY MA-5 FLIGHT

- UF MA-5 FLIGHT
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-5 FLIGHT**
- RT ATLAS LAUNCH VEHICLES

MERCURY MA-6 FLIGHT

- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-6 FLIGHT**
- RT ATLAS LAUNCH VEHICLES

MERCURY MA-6 FLIGHT--(cont.)

FRIENDSHIP 7

MERCURY MA-7 FLIGHT

- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-7 FLIGHT**
- RT ATLAS LAUNCH VEHICLES
 - . AURORA 7

MERCURY MA-8 FLIGHT

- UF MA-8 FLIGHT
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-8 FLIGHT**
- RT ATLAS LAUNCH VEHICLES
 - . SIGMA 7

MERCURY MA-9 FLIGHT

- UF MA-9 FLIGHT
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MA-9 FLIGHT**
- RT ATLAS LAUNCH VEHICLES
 - . FAITH 7

MERCURY MR-1 FLIGHT

- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MR-1 FLIGHT**

MERCURY MR-2 FLIGHT

- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MR-2 FLIGHT**

MERCURY MR-3 FLIGHT

- UF MR-3 FLIGHT
- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MR-3 FLIGHT**

MERCURY MR-4 FLIGHT

- GS SPACE FLIGHT
 - . MANNED SPACE FLIGHT
 - . . . MERCURY FLIGHTS
 - . . . **MERCURY MR-4 FLIGHT**

MERCURY OXIDES

- GS CHALCOGENIDES
 - . OXIDES
 - . . . METAL OXIDES
 - . . . **MERCURY OXIDES**
- . MERCURY COMPOUNDS
- . **MERCURY OXIDES**

MERCURY PROJECT

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . . NASA SPACE PROGRAMS
 - . . . **MERCURY PROJECT**
 - . . . PROJECTS
 - . . . **MERCURY PROJECT**
 - . . . SPACE PROGRAMS
 - . . . NASA SPACE PROGRAMS
 - . . . **MERCURY PROJECT**
- RT APOLLO PROJECT
 - . ATLAS LAUNCH VEHICLES
 - . GEMINI PROJECT
 - . LITTLE JOE 2 LAUNCH VEHICLE
 - . MANNED SPACE FLIGHT
 - . MANNED SPACECRAFT

MERCURY SPACECRAFT

- GS MANNED SPACECRAFT
 - . **MERCURY SPACECRAFT**
 - . . . AURORA 7
 - . . . FAITH 7
 - . . . FRIENDSHIP 7
 - . . . SIGMA 7
 - . REENTRY VEHICLES
 - . . . RECOVERABLE SPACECRAFT
 - . . . **MERCURY SPACECRAFT**
 - . . . AURORA 7
 - . . . FAITH 7
 - . . . FRIENDSHIP 7
 - . . . SIGMA 7
 - . SOFT LANDING SPACECRAFT

MERCURY SPACECRAFT--(cont.)

. **MERCURY SPACECRAFT**
 . . AURORA 7
 . . FAITH 7
 . . FRIENDSHIP 7
 . . SIGMA 7
 SPACE CAPSULES
 . **MERCURY SPACECRAFT**
 . . AURORA 7
 . . FAITH 7
 . . FRIENDSHIP 7
 . . SIGMA 7

MERCURY SURFACE

GS PLANETARY SURFACES
 . **MERCURY SURFACE**
 RT EXTRATERRESTRIAL ENVIRONMENTS
 MERCURY (PLANET)
 MERCURY ATMOSPHERE
 PLANETARY CRATERS
 SATELLITE SURFACES
 SOLAR SYSTEM
 TERRESTRIAL PLANETS

MERCURY TELLURIDES

GS CHALCOGENIDES
 . TELLURIDES
 . . **MERCURY TELLURIDES**
 MERCURY COMPOUNDS
 . **MERCURY TELLURIDES**
 . . MERCURY CADMIUM TELLURIDES
 TELLURIUM COMPOUNDS
 . TELLURIDES
 . . **MERCURY TELLURIDES**

MERCURY VAPOR

GS CHEMICAL ELEMENTS
 . MERCURY (METAL)
 . . **MERCURY VAPOR**
 LIQUIDS
 . LIQUID METALS
 . . MERCURY (METAL)
 . . **MERCURY VAPOR**
 METALS
 . LIQUID METALS
 . . MERCURY (METAL)
 . . **MERCURY VAPOR**
 . METAL VAPORS
 . **MERCURY VAPOR**
 VAPORS
 . METAL VAPORS
 . . **MERCURY VAPOR**
 RT CESIUM VAPOR
 SODIUM VAPOR

MERGING ROUTINES

GS COMPUTER PROGRAMS
 . **MERGING ROUTINES**
 RT ∞ ROUTINES

MERIDIONAL FLOW

GS FLUID FLOW
 . GAS FLOW
 . . AIR FLOW
 . . . AIR CURRENTS
 . . . **MERIDIONAL FLOW**
 RT ATMOSPHERIC CIRCULATION
 FLOW GEOMETRY
 WIND (METEOROLOGY)
 WIND DIRECTION
 ZONAL FLOW (METEOROLOGY)

MEROMORPHIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . **MEROMORPHIC FUNCTIONS**
 . . . ELLIPTIC FUNCTIONS
 . . . RATIONAL FUNCTIONS
 FUNCTIONS (MATHEMATICS)
 . **MEROMORPHIC FUNCTIONS**
 . . ELLIPTIC FUNCTIONS
 . . RATIONAL FUNCTIONS

MERRITT ISLAND (FL)

GS LANDFORMS
 . ISLANDS
 . . **MERRITT ISLAND (FL)**
 RT FLORIDA

MERWINITE

GS CALCIUM COMPOUNDS
 . **MERWINITE**
 MAGNESIUM COMPOUNDS
 . **MERWINITE**
 MINERALS

MERWINITE--(cont.)

. **MERWINITE**
 SILICON COMPOUNDS
 . SILICATES
 . . **MERWINITE**

MESAS

GS LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . **MESAS**
 . . . BUTTES
 RT FLATS (LANDFORMS)
 HIGHLANDS
 MOUNTAINS

MESFETS

USE FIELD EFFECT TRANSISTORS

MESH

RT FABRICS
 ∞ GRIDS
 STRANDS
 WEBBING
 ∞ WEBS

MESH (MATHEMATICS)

USE COMPUTATIONAL GRIDS

MESH GENERATION (MATHEMATICS)

USE GRID GENERATION (MATHEMATICS)

MESITYLENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . **MESITYLENE**

MESOMETEOROLOGY

GS METEOROLOGY
 . **MESOMETEOROLOGY**
 RT AERONOMY
 LOWER ATMOSPHERE
 MICROMETEOROLOGY

MESON RESONANCE

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 . . . **MESON RESONANCE**
 X MESONS
 . . FERMIONS
 . . . **MESON RESONANCE**
 . . NUCLEAR PARTICLES
 . . BOSONS
 . . . MESONS
 . . . **MESON RESONANCE**
 X MESONS
 RESONANCE
 . **MESON RESONANCE**
 . . X MESONS
 RT BARYONS
 HYPERONS

MESON-MESON INTERACTIONS

GS PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE
 INTERACTIONS
 . . **MESON-MESON INTERACTIONS**
 RT ELECTROMAGNETIC INTERACTIONS
 ∞ INTERACTIONS

MESON-NUCLEON INTERACTIONS

GS PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE
 INTERACTIONS
 . . **MESON-NUCLEON INTERACTIONS**
 RT CHARGED PARTICLES
 ∞ INTERACTIONS
 MESONS
 YUKAWA POTENTIAL

MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . **MESONS**
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 . . . MUONS
 . . . PIONS
 . . . VECTOR MESONS

MESONS--(cont.)

. . . . RHO-MESONS
 SIGMA-MESONS
 . . . HADRONS
 . . . **MESONS**
 KAONS
 MUONS
 OMEGA-MESONS
 . . . VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 . NUCLEAR PARTICLES
 . . BOSONS
 . . . **MESONS**
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 . . . MUONS
 . . . PIONS
 . . . VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 RT BARYONS
 BOSON FIELDS
 CHARGED PARTICLES
 CORPUSCULAR RADIATION
 COSMIC RAYS
 GLUONS
 LEPTONS
 MESON-NUCLEON INTERACTIONS
 MUONIUM
 POMERANCHUK THEOREM
 STRANGENESS

MESOPAUSE

SN (ALTITUDE APPROXIMATELY 90 KM)
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . . MESOSPHERE
 . . . **MESOPAUSE**
 RT STRATOPAUSE

MESOPHILES

RT MICROORGANISMS
 PSYCHROPHILES
 THERMOPHILES

MESOSCALE PHENOMENA

GS **MESOSCALE PHENOMENA**
 . JET STREAMS (METEOROLOGY)
 RT ARC CLOUDS
 METEOROLOGY
 PHENOMENOLOGY
 WIND (METEOROLOGY)

MESOSPHERE

SN (ALTITUDE RANGE BETWEEN
 APPROXIMATELY 45 AND 90 KM)
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . . **MESOSPHERE**
 . . . MESOPAUSE
 RT CHEMOSPHERE
 EARTH IONOSPHERE
 HOMOSPHERE
 SOLAR MESOSPHERE EXPLORER
 STRATOPAUSE

MESOZOIC ERA

GS **MESOZOIC ERA**
 . CRETACEOUS PERIOD
 RT CRETACEOUS-TERTIARY BOUNDARY
 GEOCHRONOLOGY
 PALEONTOLOGY
 PALEOZOIC ERA

MESSAGE PROCESSING

RT AUTOMATIC REPEAT REQUEST
 COMMUNICATING
 COMMUNICATION
 CRYPTOGRAPHY
 INFORMATION FLOW
 MESSAGES
 PACKET TRANSMISSION
 ∞ PROCESSING
 SEMANTICS
 SIGNAL PROCESSING
 SIGNAL TRANSMISSION
 SYMBOLS

MESSAGES

GS COMMUNICATING
 . INFORMATION DISSEMINATION
 . . **MESSAGES**

MESSAGES--(cont.)

RT AUTOMATIC REPEAT REQUEST
COMMUNICATION THEORY
INFORMATION THEORY
INTELLIGIBILITY
MESSAGE PROCESSING
SEMANTICS
SENTENCES
SIGNAL TRANSMISSION
∞ SIGNALS
SYLLABLES
SYMBOLS
VOCODERS
WORDS (LANGUAGE)

MESSERSCHMITT ME P-160 AIRCRAFT
USE P-160 AIRCRAFT

MESSERSCHMITT ME P-308 AIRCRAFT
USE P-308 AIRCRAFT

METABOLIC DISEASES

GS DISEASES
RT **METABOLIC DISEASES**
METABOLISM

METABOLIC WASTES

GS WASTES
RT **METABOLIC WASTES**
HUMAN WASTES
FECES
URINE
ACTIVATED SLUDGE
AIR POLLUTION
CARBON DIOXIDE
COMPOSTING
ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
EXPIRED AIR
LIQUID WASTES
MANURES
METABOLITES
ORGANIC WASTES (FUEL CONVERSION)
POLLUTION
SEWAGE
SEWERS
SOLID WASTES
WASTE DISPOSAL

METABOLISM

GS **METABOLISM**
ADRENAL METABOLISM
ASCORBIC ACID METABOLISM
CALCIUM METABOLISM
CARBOHYDRATE METABOLISM
HYPERGLYCEMIA
HYPOGLYCEMIA
CATABOLISM
ELECTROLYTE METABOLISM
ENZYME ACTIVITY
FERMENTATION
HORMONE METABOLISMS
HYDROGEN METABOLISM
HYPOMETABOLISM
MINERAL METABOLISM
NITROGEN METABOLISM
OXYGEN METABOLISM
PHOSPHORUS METABOLISM
PROTEIN METABOLISM
LIPID METABOLISM
RT CALORIC REQUIREMENTS
ENZYMOLGY
HETEROTROPHS
HOMEOSTASIS
KREBS CYCLE
METABOLIC DISEASES
METABOLITES
NUTRITION
OBESITY
OSTEOPOROSIS
OXYGEN CONSUMPTION
PHYSIOLOGY
RESPIRATION
SECRETIONS
THERMOREGULATION

METABOLITES

RT BIOCHEMISTRY
BIOSYNTHESIS
METABOLIC WASTES
METABOLISM
ORGANIC COMPOUNDS

METAGALAXY

USE UNIVERSE

METAL AIR BATTERIES

GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
PRIMARY BATTERIES
RT **METAL AIR BATTERIES**
ZINC-OXYGEN BATTERIES
ELECTROCHEMICAL CELLS
ELECTRIC BATTERIES
PRIMARY BATTERIES
RT **METAL AIR BATTERIES**
ZINC-OXYGEN BATTERIES
DRY CELLS
STORAGE BATTERIES

METAL BONDING

GS BONDING
RT **METAL BONDING**
METAL-METAL BONDING
ADHESION
ADHESIVE BONDING
BIMETALS
BRAZING
DIFFUSION WELDING
EXPLOSIVE WELDING
HEAT AFFECTED ZONE
JOINTS (JUNCTIONS)
LAMINATES
RESIN BONDING
SOLDERING
WELDING

METAL COATINGS

SN (COATINGS CONSISTING OF METAL)
GS COATINGS
RT **METAL COATINGS**
ALUMINUM COATINGS
GOLD COATINGS
NICKEL COATINGS
ZINC COATINGS
ANODIC STRIPPING
ANTIRADAR COATINGS
CERAMIC COATINGS
CLADDING
CORROSION
CORROSION PREVENTION
DEPOSITION
ELECTROLESS DEPOSITION
HOT CORROSION
ION PLATING
LACQUERS
MAGNETRON SPUTTERING
METALLIZING
∞ METALLURGY
METALS
OXIDES
PAINTS
∞ PLATES
PLATING
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SPRAYED COATINGS

METAL COMBUSTION

GS COMBUSTION
RT **METAL COMBUSTION**
FUEL COMBUSTION
GAS-METAL INTERACTIONS
METALS
OXIDATION
PROPELLANT COMBUSTION
PYROPHORIC MATERIALS
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION

METAL COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT **METAL COMPOUNDS**
ALKALI METAL COMPOUNDS
ALUMINUM COMPOUNDS
AMMINES
ANTIMONY COMPOUNDS
BARIUM COMPOUNDS
BERYLLIUM COMPOUNDS
BISMUTH COMPOUNDS
CADMIUM COMPOUNDS
CALCIUM COMPOUNDS
CERIUM COMPOUNDS
CESIUM COMPOUNDS
∞ CHEMICAL COMPOUNDS
CHROMIUM COMPOUNDS
COBALT COMPOUNDS

METAL COMPOUNDS--(cont.)

COPPER COMPOUNDS
DYSPROSIUM COMPOUNDS
ERBIUM COMPOUNDS
EUROPIUM COMPOUNDS
GALLIUM COMPOUNDS
GERMANIUM COMPOUNDS
HAFNIUM COMPOUNDS
INDIUM COMPOUNDS
IRIDIUM COMPOUNDS
IRON COMPOUNDS
LANTHANUM COMPOUNDS
LEAD COMPOUNDS
LEAD ORGANIC COMPOUNDS
LITHIUM COMPOUNDS
LITHIUM IODATES
LUTETIUM COMPOUNDS
MAGNESIUM COMPOUNDS
MANGANESE COMPOUNDS
MERCURY COMPOUNDS
METAL FLUORIDES
METAL HALIDES
METAL HYDRIDES
METAL OXIDES
METALS
MOLYBDENUM COMPOUNDS
NEODYMIUM COMPOUNDS
NEPTUNIUM COMPOUNDS
NICKEL COMPOUNDS
NIOBIUM COMPOUNDS
ORGANIC ALUMINUM COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
ORGANIC TIN COMPOUNDS
ORGANOMETALLIC COMPOUNDS
OSMIUM COMPOUNDS
PLATINIUM COMPOUNDS
PLUTONIUM COMPOUNDS
POTASSIUM COMPOUNDS
PRASEODYMIUM COMPOUNDS
PROTACTINIUM COMPOUNDS
RARE EARTH COMPOUNDS
REFRACTORY MATERIALS
RHENIUM COMPOUNDS
RUBIDIUM COMPOUNDS
RUTHENIUM COMPOUNDS
SAMARIUM COMPOUNDS
SCANDIUM COMPOUNDS
SILVER COMPOUNDS
SODIUM COMPOUNDS
STRONTIUM COMPOUNDS
STRONTIUM OXIDES
TANTALUM COMPOUNDS
TECHNETIUM COMPOUNDS
THALLIUM COMPOUNDS
THORIUM COMPOUNDS
THULIUM COMPOUNDS
TIN COMPOUNDS
TITANIUM COMPOUNDS
TUNGSTEN COMPOUNDS
URANIUM COMPOUNDS
VANADIUM COMPOUNDS
VANADYL COMPOUNDS
YTTERBIUM COMPOUNDS
YTTRIUM COMPOUNDS
ZINC COMPOUNDS
ZIRCONIUM COMPOUNDS

METAL CORROSION

USE CORROSION

METAL CRYSTALS

GS CRYSTALS
RT **METAL CRYSTALS**
CRYSTAL LATTICES
CRYSTAL STRUCTURE
METALLOGRAPHY
METALS

METAL CUTTING

GS CUTTING
RT **METAL CUTTING**
COUNTERSINKING
GRINDING (MATERIAL REMOVAL)
KNURLING
LASER CUTTING
MACHINE TOOLS
MACHINING
MELTING
MICROMACHINING
MILLING (MACHINING)
PERFORATING
PLANING
PLASMA ARC CUTTING
SCARFING

METAL CUTTING--(cont.)

SHEARING
SLICING
SPARK MACHINING
SPIKING

METAL DRAWING

GS FORMING TECHNIQUES
 . **METAL DRAWING**
 METAL WORKING
RT . **METAL DRAWING**
 BULGING
 BUNDLE DRAWING
 COLD DRAWING
 COLD WORKING
 ∞ DRAWING
 DUCTILITY
 HOT WORKING
 MAGNETIC FORMING
 STRETCH FORMING

METAL FATIGUE

GS FATIGUE (MATERIALS)
 . **METAL FATIGUE**
RT BENDING FATIGUE
 COFFIN-MANSON LAW
 CRACK CLOSURE
 CRACK INITIATION
 CRACK PROPAGATION
 FRACTURING
 GRAIN SIZE
 INELASTIC STRESS
 RETIREMENT FOR CAUSE
 RUPTURING
 S-N DIAGRAMS
 SEGREGATION CHARACTERISTIC
 SHORT CRACKS
 STRESS CORROSION
 STRESS CORROSION CRACKING
 THERMAL FATIGUE
 TRANSGRANULAR CORROSION

METAL FIBERS

GS FIBERS
 . **METAL FIBERS**
RT BORSIC (TRADE NAME)
 FIBER COMPOSITES
 FILAMENT WINDING
 REINFORCING FIBERS

METAL FILMS

RT COATINGS
 DIAMOND FILMS
 ∞ FILMS
 METALLIZING
 METALS
 NICKEL COATINGS
 PICKLING (METALLURGY)
 SPUTTERING GAGES
 THIN FILMS

METAL FINISHING

GS **METAL FINISHING**
 . ELECTROPOLISHING
 . PEENING
 . SHOT PEENING
RT CLEANING
 COATING
 COATINGS
 DESCALING
 PICKLING (METALLURGY)
 PLATING
 SURFACE FINISHING

METAL FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . **METAL FLUORIDES**
 ALUMINUM FLUORIDES
 BERYLLIUM FLUORIDES
 CADMIUM FLUORIDES
 CALCIUM FLUORIDES
 CESIUM FLUORIDES
 CHROMIUM FLUORIDES
 COBALT FLUORIDES
 COPPER FLUORIDES
 LANTHANUM FLUORIDES
 LITHIUM FLUORIDES
 MAGNESIUM FLUORIDES
 NICKEL FLUORIDES
 PLUTONIUM FLUORIDES
 PROTACTINIUM FLUORIDES
 SODIUM FLUORIDES
 STRONTIUM FLUORIDES

METAL FLUORIDES--(cont.)

. . . . THORIUM FLUORIDES
. . . . TUNGSTEN FLUORIDES
. . . . URANIUM FLUORIDES
. . . . ZINC FLUORIDES
RT ∞ METAL COMPOUNDS

METAL FOAMS

GS FOAMS
 . **METAL FOAMS**
RT BUBBLES
 FOAMING
 LOW GRAVITY MANUFACTURING
 ∞ MATERIALS SCIENCE
 MELTING
 ∞ METALLURGY
 SPACE PROCESSING APPLICATIONS
 ROCKET

METAL FOILS

GS FOILS (MATERIALS)
 . **METAL FOILS**
RT HONEYCOMB STRUCTURES
 METALS
 MULTILAYER INSULATION
 ∞ SHEETS

METAL FORGING

USE FORGING

METAL FORMING

USE FORMING TECHNIQUES
 METAL WORKING

METAL FUELS

GS FUELS
 . CHEMICAL FUELS
 . **METAL FUELS**
RT ALUMINUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 BORON COMPOUNDS
 CESIUM COMPOUNDS
 GELLED PROPELLANTS
 HYBRID PROPELLANTS
 LITHIUM COMPOUNDS
 METALS
 SLURRY PROPELLANTS
 SOLID PROPELLANTS

METAL GRINDING

GS GRINDING (MATERIAL REMOVAL)
 . **METAL GRINDING**
RT FORMING TECHNIQUES
 GRINDING MACHINES
 SURFACE FINISHING

METAL HALIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . **METAL HALIDES**
 ALKALI HALIDES
 CESIUM HALIDES
 CESIUM BROMIDES
 CESIUM FLUORIDES
 CESIUM IODIDES
 POTASSIUM IODIDES
 SODIUM BROMIDES
 SODIUM CHLORIDES
 SODIUM FLUORIDES
 SODIUM IODIDES
 ALUMINUM CHLORIDES
 BARIUM FLUORIDES
 BERYLLIUM CHLORIDES
 CADMIUM CHLORIDES
 CALCIUM CHLORIDES
 CHROMIUM BROMIDES
 COPPER CHLORIDES
 HAFNIUM IODIDES
 IRON CHLORIDES
 LANTHANUM CHLORIDES
 LEAD CHLORIDES
 LITHIUM CHLORIDES
 MAGNESIUM BROMIDES
 NIOBIUM IODIDES
 POTASSIUM BROMIDES
 POTASSIUM CHLORIDES
 SILVER HALIDES
 SILVER BROMIDES
 SILVER CHLORIDES
 SILVER IODIDES
 STRONTIUM BROMIDES
 TECHNETIUM FLUORIDES
 TITANIUM CHLORIDES
 TUNGSTEN HALIDES
 TUNGSTEN CHLORIDES

METAL HALIDES--(cont.)

. . . . TUNGSTEN FLUORIDES
. . . . ZINC CHLORIDES
. . . . ZIRCONIUM IODIDES
RT ∞ METAL COMPOUNDS

METAL HARDENING

USE HARDENING (MATERIALS)

METAL HYDRIDES

UF PLUMBANE
GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . **METAL HYDRIDES**
 ALUMINUM HYDRIDES
 ALUMINUM BOROHYDRIDES
 BERYLLIUM HYDRIDES
 CESIUM HYDRIDES
 LITHIUM HYDRIDES
 LITHIUM ALUMINUM HYDRIDES
 POTASSIUM HYDRIDES
 SODIUM HYDRIDES
RT ∞ METAL COMPOUNDS

METAL INSULATOR SEMICONDUCTORS

USE MIS (SEMICONDUCTORS)

METAL IONS

GS IONS
 . **METAL IONS**
 FERRIC IONS
 MANGANESE IONS
RT BARIUM ION CLOUDS
 CATIONS
 CRYSTAL FIELD THEORY
 ION IMPLANTATION
 ION PLATING
 METALS
 POSITIVE IONS

METAL JOINTS

GS JOINTS (JUNCTIONS)
 . **METAL JOINTS**
 SOLDERED JOINTS
 WELDED JOINTS
 SPOT WELDS
RT BUTT JOINTS
 EXPLOSIVE WELDING
 LAP JOINTS
 RIVETED JOINTS
 SEAMS (JOINTS)

METAL MATRIX COMPOSITES

GS COMPOSITE MATERIALS
 . **METAL MATRIX COMPOSITES**
 ALUMINUM BORON COMPOSITES
 ALUMINUM GRAPHITE COMPOSITES
 BORSIC (TRADE NAME)
 EUTECTIC COMPOSITES
RT ARAMID FIBER COMPOSITES
 BORON FIBERS
 ELECTRODEPOSITION
 FIBER COMPOSITES
 FIBERS
 FUNCTIONALLY GRADIENT MATERIALS
 HYBRID COMPOSITES
 ∞ MATERIALS
 ∞ MATRICES
 MATRIX MATERIALS
 MONOTECTIC ALLOYS
 PARTICULATE REINFORCED
 COMPOSITES
 PLASMA SPRAYING
 POWDER METALLURGY
 REINFORCING FIBERS
 RESIN MATRIX COMPOSITES
 SQUEEZE CASTING
 WHISKER COMPOSITES

METAL NITRIDES

GS NITROGEN COMPOUNDS
 . NITRIDES
 . **METAL NITRIDES**
 ALUMINUM NITRIDES
 BERYLLIUM NITRIDES
 GALLIUM NITRIDES
 TANTALUM NITRIDES
 TITANIUM NITRIDES
 ZIRCONIUM NITRIDES
RT TRANSITION METALS

METAL ORGANIC CHEMICAL VAPOR DEPOSITION

USE METALORGANIC CHEMICAL VAPOR
 DEPOSITION

METAL OXIDE SEMICONDUCTORS

UF MOS (SEMICONDUCTORS)
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . . . **METAL OXIDE SEMICONDUCTORS**
 . . . CMOS
 . . . ITO (SEMICONDUCTORS)
 . . . SOS (SEMICONDUCTORS)
 SEMICONDUCTORS (MATERIALS)
 METAL OXIDE SEMICONDUCTORS
 . CMOS
 . ITO (SEMICONDUCTORS)
 . SOS (SEMICONDUCTORS)
 RT CAPACITANCE-VOLTAGE
 CHARACTERISTICS
 ION IMPLANTATION
 RECTIFIERS
 SOI (SEMICONDUCTORS)

METAL OXIDES

GS CHALCOGENIDES
 OXIDES
 . **METAL OXIDES**
 . . . ALKALINE EARTH OXIDES
 . . . BARIUM OXIDES
 . . . BERYLLIUM OXIDES
 . . . CALCIUM OXIDES
 . . . AKERMANITE
 . . . MAGNESIUM OXIDES
 . . . AKERMANITE
 . . . PERICLASE
 . . . ALUMINUM OXIDES
 . . . SAPPHIRE
 . . . BISMUTH OXIDES
 . . . CERIUM OXIDES
 . . . CESIUM OXIDES
 . . . CHROMIUM OXIDES
 . . . COBALT OXIDES
 . . . COPPER OXIDES
 . . . GALLIUM OXIDES
 . . . HAFNIUM OXIDES
 . . . IRON OXIDES
 . . . HEMATITE
 . . . ILMENITE
 . . . MAGNETITE
 . . . LANTHANUM OXIDES
 . . . LEAD OXIDES
 . . . LITHIUM OXIDES
 . . . MANGANESE OXIDES
 . . . HOPCALITE (TRADEMARK)
 . . . MERCURY OXIDES
 . . . MIXED OXIDES
 . . . BSCCO SUPERCONDUCTORS
 . . . YBCO SUPERCONDUCTORS
 . . . MOLYBDENUM OXIDES
 . . . NICKEL OXIDES
 . . . NIOBIUM OXIDES
 . . . PLATINUM OXIDES
 . . . PLUTONIUM OXIDES
 . . . POTASSIUM OXIDES
 . . . SCANDIUM OXIDES
 . . . SILVER OXIDES
 . . . SODIUM PEROXIDES
 . . . STRONTIUM OXIDES
 . . . TANTALUM OXIDES
 . . . THORIUM OXIDES
 . . . TIN OXIDES
 . . . TITANIUM OXIDES
 . . . ANATASE
 . . . ILMENITE
 . . . RUTILE
 . . . TUNGSTEN OXIDES
 . . . SCHEELITE
 . . . URANIUM OXIDES
 . . . VANADIUM OXIDES
 . . . YTTRIUM OXIDES
 . . . ZINC OXIDES
 . . . ZIRCONIUM OXIDES
 RT CATHODIC COATINGS
 HIGH TEMPERATURE
 SUPERCONDUCTORS
 ∞ METAL COMPOUNDS
 OXIDE FILMS
 VANADATES

METAL PARTICLES

GS PARTICLES
 METAL PARTICLES
 . . . METAL POWDER
 . . . PLATINUM BLACK
 . . . POWDERED ALUMINUM
 . . . SINTERED ALUMINUM POWDER
 RT PARTICULATE REINFORCED
 COMPOSITES

METAL PARTICLES--(cont.)

POWDER METALLURGY
 SCRAP
 SPUTTERING

METAL PLATES

UF PLATE (METAL)
 GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . **METAL PLATES**
 . . . BOILER PLATE
 RT ARMOR
 BARS
 BILLETS
 FLANGES
 FLAT PLATES
 GIRDER WEBS
 PARALLEL PLATES
 ∞ PLATES
 RECTANGULAR PLATES
 SLABS
 THICK PLATES
 THIN PLATES

METAL POLISHING

UF POLISHED METALS
 GS POLISHING
 METAL POLISHING
 . . . ELECTROPOLISHING
 RT CLEANING
 SURFACE FINISHING

METAL POWDER

UF POWDERED METALS
 GS PARTICLES
 . METAL PARTICLES
 . **METAL POWDER**
 . . . PLATINUM BLACK
 . . . POWDERED ALUMINUM
 . . . SINTERED ALUMINUM POWDER
 . . . POWDER (PARTICLES)
 . **METAL POWDER**
 . . . PLATINUM BLACK
 . . . POWDERED ALUMINUM
 . . . SINTERED ALUMINUM POWDER
 RT ATOMIZING
 BEARING ALLOYS
 COMMINUTION
 COMPRESSIBILITY
 COMPRESSING
 ELECTRODEPOSITION
 FLAKES
 LIQUID PHASE SINTERING
 METALS
 MIXING
 POROUS MATERIALS
 POWDER METALLURGY
 REDUCTION (CHEMISTRY)
 SINTERING
 SIZE SEPARATION

METAL PROPELLANTS

GS PROPELLANTS
 . ROCKET PROPELLANTS
 . . . SOLID ROCKET PROPELLANTS
 . **METAL PROPELLANTS**
 . . . SOLID PROPELLANTS
 . . . SOLID ROCKET PROPELLANTS
 . **METAL PROPELLANTS**
 ALUMINUM COMPOUNDS
 BERYLLIUM COMPOUNDS
 BORON COMPOUNDS
 GELLED PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYBRID PROPELLANTS
 MONOPROPELLANTS
 SLURRY PROPELLANTS

METAL SHEETS

UF SHEET METAL
 RT PLATES (STRUCTURAL MEMBERS)
 ∞ SHEETS

METAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
 METAL SHELLS
 RT CIRCULAR SHELLS
 CYLINDRICAL SHELLS
 HEMISPHERICAL SHELLS
 HULLS (STRUCTURES)
 MEMBRANE STRUCTURES
 ORTHOTROPIC SHELLS
 REINFORCED SHELLS
 SKIN (STRUCTURAL MEMBER)
 SPHERICAL SHELLS

METAL SHELLS--(cont.)

THIN WALLED SHELLS
 TOROIDAL SHELLS

METAL SPINNING

UF SPIN FORGING
 SPINNING (METALLURGY)
 GS FORMING TECHNIQUES
 METAL SPINNING
 . . . HYDROSPINNING
 METAL WORKING
 METAL SPINNING
 . . . HYDROSPINNING
 SPIN
 METAL SPINNING
 . . . HYDROSPINNING
 RT COLD WORKING
 EXTRUDING
 HOT WORKING

METAL SPRAYING

GS SPRAYING
 METAL SPRAYING
 RT ARC SPRAYING
 COATING
 COATINGS
 FLAME SPRAYING
 METALLIZING
 SURFACE FINISHING

METAL STRIPS

RT BILLETS
 RIBBONS
 STRAKES
 ∞ STRIP

METAL SURFACES

RT CRACK INITIATION
 CRYSTAL SURFACES
 EROSION
 GAS-SOLID INTERFACES
 LIQUID-SOLID INTERFACES
 OXIDE FILMS
 SOLID SURFACES
 SURFACE FINISHING
 SURFACE PROPERTIES
 SURFACE REACTIONS
 ∞ SURFACES

METAL VAPOR LASERS

GS STIMULATED EMISSION DEVICES
 LASERS
 METAL VAPOR LASERS
 RT LASER MATERIALS
 LASER MICROSCOPY
 OPTICAL PUMPING

METAL VAPORS

GS METALS
 METAL VAPORS
 . . . MERCURY VAPOR
 . . . SODIUM VAPOR
 VAPORS
 METAL VAPORS
 . . . MERCURY VAPOR
 . . . SODIUM VAPOR
 RT ALKALI METALS
 ALKALI VAPOR LAMPS
 GAS-METAL INTERACTIONS
 HEAT TRANSFER
 LIQUID METALS
 VAPOR DEPOSITION

METAL WHISKER REINFORCEMENT

USE WHISKER COMPOSITES

METAL WORKING

SN (METAL DEFORMATION FOR CHANGING
 SHAPE AND FOR
 PROPERTIES--EXCLUDES CASTING,
 CUTTING, DEPOSITION PROCESS AND
 MACHINING)
 UF METAL FORMING
 GS **METAL WORKING**
 . AUSFORMING
 . BULGING
 . CLADDING
 . COINING
 . EXPLOSIVE FORMING
 . FORGING
 . HYDROFORMING
 . MAGNETIC FORMING
 . METAL DRAWING
 . METAL SPINNING
 . . . HYDROSPINNING

METAL WORKING--(cont.)

- RT SIZING (SHAPING)
- BRAKES (FORMING OR BENDING)
- ∞ BREAKDOWN
- CASTING
- COLD PRESSING
- COLD ROLLING
- COLD WORKING
- DECARBURIZATION
- DEEP DRAWING
- DIMPLING
- ELECTROHYDRAULIC FORMING
- ELECTROMAGNETIC HAMMERS
- EXPLOSIVE WELDING
- EXTRUDING
- FLATTENING
- FORMING TECHNIQUES
- HARDENING (MATERIALS)
- HOT ISOSTATIC PRESSING
- HOT PRESSING
- HOT WORKING
- LASER APPLICATIONS
- LEVELING
- MACHINING
- MALLEABILITY
- ∞ METALLURGY
- MICROMACHINING
- PEENING
- PERFORATING
- PIERCING
- PLASMA ARC CUTTING
- PRESSING (FORMING)
- PYROMETALLURGY
- ∞ REDUCTION
- ROLL FORMING
- ∞ ROLLING
- SHEARING
- SHOT PEENING
- SQUEEZE CASTING
- STAMPING
- STRETCH FORMING
- STRETCHING
- SWAGING
- TEMPERING
- WINDING
- WORK HARDENING

METAL-BARRIER-METAL JUNCTIONS

USE MBM JUNCTIONS

METAL-GAS SYSTEMS

- RT GAS LUBRICANTS
- GAS-METAL INTERACTIONS
- GASES
- METALS
- ∞ SYSTEMS
- VAPOR PHASES

METAL-INSULATOR-METAL DIODES

USE MIM DIODES

METAL-INSULATOR-METAL SEMICONDUCTORS

USE MIM (SEMICONDUCTORS)

METAL-METAL BONDING

- GS BONDING
- . METAL BONDING
- . . . METAL-METAL BONDING
- RT ADHESIVE BONDING
- ADHESIVES
- DIFFUSION WELDING
- EXPLOSIVE WELDING
- HEAT AFFECTED ZONE
- INERTIA BONDING
- RESIN BONDING
- SOLDERING
- WELDING

METAL-NITRIDE-OXIDE-SEMICONDUCTORS

- GS ELECTRONIC EQUIPMENT
- . SOLID STATE DEVICES
- . . . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
- SEMICONDUCTORS (MATERIALS)
- . METAL-NITRIDE-OXIDE-SEMICONDUCTORS
- RT CHIPS (MEMORY DEVICES)

METAL-NITRIDE-OXIDE-SILICON

- UF MNOS
- GS SEMICONDUCTORS (MATERIALS)
- . METAL-NITRIDE-OXIDE-SILICON

METAL-OXIDE-METAL SEMICONDUCTORS

USE MOM (SEMICONDUCTORS)

METAL-SEMICONDUCTOR-METAL SEMICONDUCTORS

USE MSM (SEMICONDUCTORS)

METAL-WATER REACTIONS

- GS CHEMICAL REACTIONS
- . METAL-WATER REACTIONS
- RT CORROSION
- ELECTROCHEMICAL CORROSION
- EROSION
- PITTING
- RUSTING
- SURFACE REACTIONS

METALLIC GLASSES

- GS GLASS
- . METALLIC GLASSES
- RT GLASS COATINGS
- GLASS FIBERS
- OPTICAL PROPERTIES
- SILICON DIOXIDE
- SPIN GLASS
- VITREOUS MATERIALS

METALLIC HYDROGEN

- GS CHEMICAL ELEMENTS
- . HYDROGEN
- . . . HYDROGEN ISOTOPES
- METALLIC HYDROGEN
- GASES
- . HYDROGEN
- . . . HYDROGEN ISOTOPES
- METALLIC HYDROGEN
- RT CRITICAL TEMPERATURE
- SOLID PHASES
- SOLID STATE
- SOLIDIFIED GASES
- SOLIDS

METALLIC PLASMAS

- GS PARTICLES
- . CHARGED PARTICLES
- . . . ENERGETIC PARTICLES
- PLASMAS (PHYSICS)
- METALLIC PLASMAS
- CESIUM PLASMA
- RT ELECTRON PLASMA
- MERCURY ARCS
- PLASMA SHEATHS

METALLIC STARS

- GS CELESTIAL BODIES
- . STARS
- . . . METALLIC STARS
- RT ABUNDANCE
- CHEMICAL COMPOSITION
- METALLICITY
- STELLAR ATMOSPHERES
- STELLAR STRUCTURE

METALLICITY

- RT ABUNDANCE
- CHEMICAL ANALYSIS
- CHEMICAL COMPOSITION
- GALACTIC CLUSTERS
- GALAXIES
- GLOBULAR CLUSTERS
- HYDROGEN
- INTERSTELLAR MATTER
- MASS RATIOS
- METALLIC STARS
- METALS
- SPECTROSCOPIC ANALYSIS
- STAR CLUSTERS
- STARS

METALLIZING

- GS COATING
- . METALLIZING
- COATINGS
- . METALLIZING
- RT CLADDING
- ELECTROPLATING
- FINISHES
- FLAME SPRAYING
- LAMINATES
- METAL COATINGS
- METAL FILMS
- METAL SPRAYING
- PLATING
- SPRAYING
- SUBSTRATES
- VAPOR DEPOSITION

METALLOGRAPHY

- RT ABRASION
- ALLOYS
- ANISOTROPY
- CRYSTAL LATTICES
- CRYSTALLOGRAPHY
- ELECTROPOLISHING
- ETCHING
- FERROGRAPHY
- INCLUSIONS
- ISOTROPY
- ∞ MATERIALS TESTS
- METAL CRYSTALS
- ∞ METALLURGY
- METALS
- MICROPOROSITY
- MICROSCOPES
- MICROSTRUCTURE
- MUSHY ZONES
- ORDER-DISORDER TRANSFORMATIONS
- PHOTOMICROGRAPHY
- POLISHING
- RADIOGRAPHY
- REPLICAS
- SOLID SUSPENSIONS
- TIME TEMPERATURE PARAMETER
- VIBRATORY POLISHING
- WIDMANSTATTEN STRUCTURE
- X RAY DIFFRACTION

METALLOIDS

- UF SEMIMETALS
- GS CHEMICAL ELEMENTS
- . METALLOIDS
- . . . ANTIMONY
- . . . ANTIMONY ISOTOPES
- . . . ARSENIC
- . . . ARSENIC ISOTOPES
- . . . BORON
- . . . BORON ISOTOPES
- . . . BORON 10
- . . . GERMANIUM
- . . . GERMANIUM ISOTOPES
- . . . POLONIUM
- . . . POLONIUM ISOTOPES
- POLONIUM 208
- POLONIUM 209
- POLONIUM 210
- . . . SILICON
- . . . AMORPHOUS SILICON
- . . . SILICON ISOTOPES
- . . . TELLURIUM
- . . . TELLURIUM ISOTOPES
- RT ALLOYS
- ARSENIC ALLOYS
- BORON ALLOYS
- INTERMETALLICS
- METALS
- ORGANOMETALLIC COMPOUNDS
- SEMICONDUCTORS (MATERIALS)

METALLOORGANIC COMPOUNDS

USE ORGANOMETALLIC COMPOUNDS

METALLOSILOXANE POLYMER

- RT ORGANOMETALLIC COMPOUNDS
- ∞ POLYMERS

METALLOXANE POLYMER

- GS ORGANOMETALLIC COMPOUNDS
- . METALLOXANE POLYMER
- RT ∞ POLYMERS

∞ METALLURGY

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT ALLOYING
- ALLOYS
- BENEFICIATION
- CASTING
- COATING
- COATINGS
- CORROSION
- CRYSTALLOGRAPHY
- DUPLEX OPERATION
- FERROUS METALS
- FOUNDRIES
- FRACTOGRAPHY
- FURNACES
- HARDENING (MATERIALS)
- HEAT AFFECTED ZONE
- HEAT TREATMENT
- HYDROMETALLURGY
- LEVITATION MELTING

METALLURGY--(cont.)

LIGHT ALLOYS
 MECHANICAL PROPERTIES
 MELT SPINNING
 MELTING
 METAL COATINGS
 METAL FOAMS
 METAL WORKING
 METALLOGRAPHY
 METALS
 NONFERROUS METALS
 PHYSICAL SCIENCES
 POWDER METALLURGY
 PYROMETALLURGY
 RAPID QUENCHING (METALLURGY)
 RECRYSTALLIZATION
 SCIENCE
 SMELTING
 THERMOMECHANICAL TREATMENT

METALORGANIC CHEMICAL VAPOR DEPOSITION

UF METAL ORGANIC CHEMICAL VAPOR
 DEPOSITION
 MOCVD (VAPOR DEPOSITION)
 OMCVD (VAPOR DEPOSITION)
 ORGANOMETALLIC VAPOR DEPOSITION
 GS DEPOSITION
 VAPOR DEPOSITION
 METALORGANIC CHEMICAL VAPOR
 DEPOSITION
 RT COATING
 CRYSTAL GROWTH
 ORGANOMETALLIC COMPOUNDS
 SPACE PROCESSING

METALS

UF MAGNETIC METALS
 GS METALS
 ACTINIDE SERIES
 ACTINIUM
 RADIUM
 RADIUM ISOTOPES
 RADIUM 226
 THORIUM
 THORIUM ISOTOPES
 TRANSURANIC ELEMENTS
 AMERICIUM
 AMERICIUM ISOTOPES
 AMERICIUM 241
 BERKELIUM
 CALIFORNIUM
 CALIFORNIUM ISOTOPES
 CURIUM
 CURIUM ISOTOPES
 CURIUM 242
 CURIUM 244
 EINSTEINIUM
 FERMIUM
 LAWRENCIUM
 MENDELEVIUM
 NEPTUNIUM
 NEPTUNIUM ISOTOPES
 NOBELIUM
 PLUTONIUM
 PLUTONIUM ISOTOPES
 PLUTONIUM 238
 PLUTONIUM 239
 PLUTONIUM 240
 PLUTONIUM 241
 PLUTONIUM 244
 SERGENIUM
 URANIUM
 URANIUM ISOTOPES
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 ALKALI METALS
 CESIUM
 CESIUM ISOTOPES
 CESIUM 133
 CESIUM 134
 CESIUM 137
 CESIUM 144
 CESIUM VAPOR
 FRANCIUM
 LITHIUM
 LIQUID LITHIUM
 LITHIUM ISOTOPES
 POTASSIUM
 LIQUID POTASSIUM
 POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39

METALS--(cont.)

POTASSIUM 40
 RUBIDIUM
 RUBIDIUM ISOTOPES
 RUBIDIUM 86
 SODIUM
 LIQUID SODIUM
 SODIUM ISOTOPES
 SODIUM 22
 SODIUM 24
 SODIUM VAPOR
 ALKALINE EARTH METALS
 BARIUM ISOTOPES
 ALUMINUM
 ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 ANTIMONY ISOTOPES
 ASTATINE
 ASTATINE ISOTOPES
 BARIUM
 BARIUM ISOTOPES
 BERYLLIUM
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 BISMUTH
 BISMUTH ISOTOPES
 CALCIUM
 CALCIUM ISOTOPES
 FERROUS METALS
 GALLIUM
 GALLIUM ISOTOPES
 INDIUM
 INDIUM ISOTOPES
 LEAD (METAL)
 LEAD ISOTOPES
 LIQUID METALS
 LIQUID LITHIUM
 LIQUID POTASSIUM
 LIQUID SODIUM
 MERCURY (METAL)
 MERCURY VAPOR
 MAGNESIUM
 MAGNESIUM ISOTOPES
 METAL VAPORS
 MERCURY VAPOR
 SODIUM VAPOR
 NOBLE METALS
 GOLD
 GOLD ISOTOPES
 GOLD 198
 RUTHENIUM
 RUTHENIUM ISOTOPES
 SILVER
 SILVER ISOTOPES
 NONFERROUS METALS
 PROTACTINIUM
 PROTACTINIUM ISOTOPES
 RARE EARTH ELEMENTS
 CERIUM
 CERIUM ISOTOPES
 CERIUM 137
 CERIUM 144
 DYSPROSIUM
 DYSPROSIUM ISOTOPES
 ERBIUM
 ERBIUM ISOTOPES
 EUROPIUM
 EUROPIUM ISOTOPES
 GADOLINIUM
 GADOLINIUM ISOTOPES
 HOLMIUM
 HOLMIUM ISOTOPES
 LANTHANUM
 LANTHANUM ISOTOPES
 LUTETIUM
 LUTETIUM ISOTOPES
 NEODYMIUM
 NEODYMIUM ISOTOPES
 PRASEODYMIUM
 PRASEODYMIUM ISOTOPES
 PROMETHIUM
 PROMETHIUM ISOTOPES
 SAMARIUM
 SAMARIUM ISOTOPES
 SCANDIUM
 SCANDIUM ISOTOPES
 TERBIUM
 TERBIUM ISOTOPES
 THULIUM
 THULIUM ISOTOPES
 YTTERBIUM
 YTTERBIUM ISOTOPES
 YTTRIUM

METALS--(cont.)

YTTRIUM ISOTOPES
 REFRACTORY METALS
 CHROMIUM
 CHROMIUM ISOTOPES
 IRIIDIUM
 IRIIDIUM ISOTOPES
 MOLYBDENUM
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
 OSMIUM
 OSMIUM ISOTOPES
 RHENIUM
 RHENIUM ISOTOPES
 TANTALUM
 TANTALUM ISOTOPES
 TUNGSTEN
 TUNGSTEN ISOTOPES
 STRONTIUM
 STRONTIUM ISOTOPES
 STRONTIUM 85
 STRONTIUM 87
 STRONTIUM 89
 STRONTIUM 90
 THALLIUM
 THALLIUM ISOTOPES
 TIN
 TIN ISOTOPES
 TRANSITION METALS
 CADMIUM
 CADMIUM ISOTOPES
 CHROMIUM
 CHROMIUM ISOTOPES
 COBALT
 COBALT ISOTOPES
 COBALT 58
 COBALT 60
 COPPER
 COPPER ISOTOPES
 GOLD
 GOLD ISOTOPES
 GOLD 198
 HAFNIUM
 HAFNIUM ISOTOPES
 IRIIDIUM
 IRIIDIUM ISOTOPES
 IRON
 IRON ISOTOPES
 IRON 57
 IRON 58
 IRON 59
 MANGANESE
 MANGANESE ISOTOPES
 MERCURY (METAL)
 MOLYBDENUM
 NICKEL
 NICKEL ISOTOPES
 NIOBIUM
 NIOBIUM ISOTOPES
 NIOBIUM 95
 OSMIUM
 OSMIUM ISOTOPES
 PALLADIUM
 PLATINUM
 PLATINUM ISOTOPES
 RHENIUM
 RHENIUM ISOTOPES
 RHODIUM
 RHODIUM ISOTOPES
 RUTHENIUM
 RUTHENIUM ISOTOPES
 SCANDIUM
 SCANDIUM ISOTOPES
 SILVER
 SILVER ISOTOPES
 TANTALUM
 TANTALUM ISOTOPES
 TECHNETIUM
 TECHNETIUM ISOTOPES
 TITANIUM
 TITANIUM ISOTOPES
 TUNGSTEN
 TUNGSTEN ISOTOPES
 VANADIUM
 VANADIUM ISOTOPES
 YTTRIUM
 YTTRIUM ISOTOPES
 ZINC
 ZINC ISOTOPES
 ZIRCONIUM
 ZIRCONIUM ISOTOPES
 ZIRCONIUM 95
 ULTRAPURE METALS
 URANIUM PLASMAS
 RT ALLOYS

METALS--(cont.)

ANTIMONY
 ARSENIC
 ARSENIC ISOTOPES
 BIMETALS
 BORSIC (TRADENAME)
 CERMETS
 CHEMICAL ELEMENTS
 COMPOSITE MATERIALS
 CONDUCTORS
 EUTECTIC COMPOSITES
 GADOLINIUM ALLOYS
 INTERMETALLICS
 ISOTOPES
 LIGHT ALLOYS
 LIQUID ALLOYS
 METAL COATINGS
 METAL COMBUSTION
 ∞ METAL COMPOUNDS
 METAL CRYSTALS
 METAL FILMS
 METAL FOILS
 METAL FUELS
 METAL IONS
 METAL POWDER
 METAL-GAS SYSTEMS
 METALLICITY
 METALLOGRAPHY
 METALLOIDS
 ∞ METALLURGY
 MONOTECTIC ALLOYS
 PALLADIUM COMPOUNDS
 POLONIUM
 POLONIUM ISOTOPES
 POLONIUM 208
 POLONIUM 209
 POLONIUM 210
 STRATEGIC MATERIALS
 SYNTETIC ALLOYS

METAMORPHIC ROCKS

GS ROCKS
 . METAMORPHIC ROCKS
 . . QUARTZITE
 RT METAMORPHISM (GEOLOGY)

METAMORPHISM (GEOLOGY)

RT CONTACTS (GEOLOGY)
 METAMORPHIC ROCKS
 PHASE TRANSFORMATIONS
 ROCKS

METASTABILITY

USE METASTABLE STATE

METASTABLE ATOMS

GS ATOMS
 . METASTABLE ATOMS
 RT PENNING EFFECT

METASTABLE STATE

UF METASTABILITY
 RT EXCITATION
 RADIATION TRAPPING
 STABILITY
 STEADY STATE
 UNSTEADY STATE

METATHESIS

GS CHEMICAL REACTIONS
 . METATHESIS
 RT ELECTROLYSIS
 ION EXCHANGING

METAZOA

USE ANIMALS

METEOR BURSTS

USE METEOROID SHOWERS

METEOR CRATERS

USE CRATERS

METEOR HAZARDS

USE METEOROID HAZARDS

METEOR TRAILS

UF METEORITIC IONIZATION
 RT BOLIDES
 EARTH ATMOSPHERE
 METEOROID SHOWERS
 METEORIODS
 MICROMETEORIODS
 ∞ PATHS

METEOR TRAILS--(cont.)

PRIBRAM METEORITE
 RADIO METEORS
 SCATTER PROPAGATION
 SPORADIC METEORIODS
 ∞ TRACKS
 UPPER ATMOSPHERE

METEOR 1 ROCKET VEHICLE

GS ROCKET VEHICLES
 . METEOR 1 ROCKET VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 RAMJET ENGINES
 SOLID PROPELLANT ROCKET ENGINES

METEORITE COLLISIONS

GS COLLISIONS
 . METEORITE COLLISIONS
 RT HYPERVELOCITY IMPACT
 METEORITIC DAMAGE
 METEOROID HAZARDS
 SHATTER CONES
 TUNGUSK METEORITE

METEORITE COMPRESSION TESTS

USE COMPRESSION TESTS
 MECHANICAL PROPERTIES
 METEORITES

METEORITE CRATERS

UF FOSSIL METEORITE CRATERS
 METEOROID CRATERS
 GS CRATERS
 . METEORITE CRATERS
 RT CANADIAN SHIELD
 CRATERING
 EJECTA
 LUNAR CRATERS
 LUNAR RAYS
 MARIA
 MARS CRATERS
 MARS SURFACE
 METEORITES
 METEORITIC DAMAGE
 PLANETARY CRATERS
 PROJECTILE CRATERING
 PTOLEMAEUS CRATER
 SHATTER CONES
 TUNGUSK METEORITE
 TYCHO CRATER

METEORITES

SN (LIMITED TO METEORIODS WHICH HAVE
 REACHED THE SURFACE OF AN
 ASTEROID, NATURAL SATELLITE OR
 PLANET)
 UF METEORITE COMPRESSION TESTS
 GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . AROOS METEORITE
 . . . LAZAREV METEORITE
 . . . ODESSA METEORITE
 . . . SIKHOTE-LIN METEORITE
 . . MICROMETEORITES
 . . STONY METEORITES
 . . . ACHONDRITES
 . . . BONDORC METEORITE
 . . . CHASSIGNITES
 . . . KAPOETA ACHONDRITE
 . . . NAKHLITES
 . . . NORTON COUNTY ACHONDRITE
 . . . SHERGOTTITES
 . . . UREILITES
 . . CARBONACEOUS METEORITES
 . . . CARBONACEOUS CHONDRITES
 . . . ALAIS METEORITE
 . . . ALLENDE METEORITE
 . . . COLD BOKKEVELD METEORITE
 . . . IVUNA METEORITE
 . . . MURCHISON METEORITE
 . . . MURRAY METEORITE
 . . . ORGUEIL METEORITE
 . . . TONK METEORITE
 . . . UREILITES
 . . CHONDRITES
 . . . BRUDERHEIM METEORITE
 . . . CARBONACEOUS CHONDRITES
 . . . ALAIS METEORITE
 . . . ALLENDE METEORITE
 . . . COLD BOKKEVELD METEORITE
 . . . IVUNA METEORITE
 . . . MURCHISON METEORITE
 . . . MURRAY METEORITE
 . . . ORGUEIL METEORITE

METEORITES--(cont.)

. . . TONK METEORITE
 . . . HARLETON METEORITE
 . . . HVITTIS CHONDRITE
 . . . OKHANSK METEORITE
 . . . PANTAR CHONDRITES
 . . . PRIBRAM METEORITE
 . . . TEKTITES
 . . . AUSTRALITES
 . . . BEDIASITES
 . . . TUNGUSK METEORITE
 . . STONY-IRON METEORITES
 RT BOLIDES
 CHONDRULE
 COESITE
 FOREIGN BODIES
 IMPACT MELTS
 METEORITE CRATERS
 METEORITIC COMPOSITION
 METEORITIC MICROSTRUCTURES
 METEOROID SHOWERS
 METEORIODS
 MICROMETEORIODS
 MOLDAVITE

METEORITIC COMPOSITION

GS COMPOSITION (PROPERTY)
 . METEORITIC COMPOSITION
 RT CARBONACEOUS METEORITES
 COSMOCHEMISTRY
 IRON METEORITES
 KAMACITE
 METEORITES
 SCHREIBERSITE
 STONY METEORITES
 TEKTITES
 TROILITE

METEORITIC DAMAGE

GS DAMAGE
 . IMPACT DAMAGE
 . . METEORITIC DAMAGE
 RT ∞ BOMBARDMENT
 CRATERING
 EJECTA
 HYPERVELOCITY IMPACT
 MARS CRATERS
 METEORITE COLLISIONS
 METEORITE CRATERS
 METEOROID HAZARDS
 METEOROID PROTECTION
 PROJECTILE CRATERING

METEORITIC DIAMONDS

GS DIAMONDS
 . METEORITIC DIAMONDS
 RT UREILITES

METEORITIC DUST

USE MICROMETEORIODS

METEORITIC IONIZATION

USE ATMOSPHERIC IONIZATION
 METEOR TRAILS

METEORITIC MICROSTRUCTURES

GS MICROSTRUCTURE
 . METEORITIC MICROSTRUCTURES
 RT CHONDRULE
 IRON METEORITES
 METEORITES
 STONY METEORITES
 TEKTITES
 WIDMANSTATTEN STRUCTURE

METEOROID CONCENTRATION

GS COMPOSITION (PROPERTY)
 . CONCENTRATION (COMPOSITION)
 . . METEOROID CONCENTRATION
 DENSITY (NUMBER/VOLUME)
 . METEOROID CONCENTRATION
 RT FLUX DENSITY
 MASS DISTRIBUTION
 SPATIAL DISTRIBUTION
 SPORADIC METEORIODS

METEOROID CRATERS

USE METEORITE CRATERS

METEOROID DUST CLOUDS

GS CELESTIAL BODIES
 . METEORIODS
 . . MICROMETEORIODS
 . . . METEOROID DUST CLOUDS

METEOROID DUST CLOUDS--(cont.)

... ZODIACAL DUST
MEDIA
... INTERPLANETARY MEDIUM
... INTERPLANETARY DUST
... **METEOROID DUST CLOUDS**
... ZODIACAL DUST
PARTICLES
... DUST
... COSMIC DUST
... INTERPLANETARY DUST
... **METEOROID DUST CLOUDS**
... ZODIACAL DUST
RT ∞ CLOUDS
EXPLORER SATELLITES
TERRESTRIAL DUST BELT

METEOROID HAZARDS

UF METEOR HAZARDS
GS HAZARDS
... FLIGHT HAZARDS
... **METEOROID HAZARDS**
RT METEORITE COLLISIONS
METEORITIC DAMAGE
METEORIDS
OPERATIONAL HAZARDS
PROJECTILE CRATERING
SPACECRAFT BREAKUP

METEOROID PROTECTION

GS PROTECTION
... **METEOROID PROTECTION**
RT BUMPERS
IMPACT DAMAGE
METEORITIC DAMAGE
SPACECRAFT SHIELDING
SPACECRAFT STRUCTURES

METEOROID SHOWERS

UF METEOR BURSTS
GS CELESTIAL BODIES
... **METEOROID SHOWERS**
... AQUARID METEORIDS
... ARIETID METEORIDS
... CYRILLID METEORIDS
... DRACONID METEORIDS
... GEMINID METEORIDS
... LEONID METEORIDS
... ORIONID METEORIDS
... PERSEID METEORIDS
... QUADRANTID METEORIDS
... TAURID METEORIDS
RT ASTRONOMY
BOLIDES
COMETS
METEOR TRAILS
METEORITES
METEORIDS
∞ SHOWERS

METEOROID TECHNOLOGY SATELLITE

USE EXPLORER 46 SATELLITE

METEORIDS

SN (LIMITED TO SOLID OBJECTS IN SPACE,
MUCH SMALLER THAN AN ASTEROID
AND MUCH LARGER THAN A
MOLECULE)
UF METEORS
GS CELESTIAL BODIES
... **METEORIDS**
... AQUARID METEORIDS
... ARIETID METEORIDS
... BOLIDES
... CYRILLID METEORIDS
... DRACONID METEORIDS
... GEMINID METEORIDS
... LEONID METEORIDS
... MICROMETEORIDS
... METEOROID DUST CLOUDS
... ZODIACAL DUST
... ORIONID METEORIDS
... PERSEID METEORIDS
... QUADRANTID METEORIDS
... RADIO METEORS
... SPORADIC METEORIDS
... TAURID METEORIDS
RT ASTEROID BELTS
ASTEROIDS
BUMPERS
CHIRON
COMETS
COSMIC DUST
HYPERVELOCITY PROJECTILES
INTERPLANETARY DUST

METEORIDS--(cont.)

INTERPLANETARY MEDIUM
METEOR TRAILS
METEORITES
METEOROID HAZARDS
METEOROID SHOWERS
MICROMETEORITES
NATURAL SATELLITES
PARTICLE TRACKS
RADIATION METEOROID SPACECRAFT
SOLAR SYSTEM
SPACE DEBRIS
TEMPEL 2 COMET
TORO ASTEROID
VESTA ASTEROID

METEOROLOGICAL BALLOONS

GS EXPANDABLE STRUCTURES
... INFLATABLE STRUCTURES
... BALLOONS
... **METEOROLOGICAL BALLOONS**
... JIMSPHERE BALLOONS
... ROBIN BALLOONS
RT DROPSONDES
HIGH ALTITUDE BALLOONS
RADIOSONDES
RAWINSONDES
ROCKOONS
SKYHOOK BALLOONS
SOUNDING
SUPERPRESSURE BALLOONS
TETHERED BALLOONS
UPPER ATMOSPHERE
WEATHER FORECASTING

METEOROLOGICAL CHARTS

UF WEATHER CHARTS
WEATHER MAPS
GS CHARTS
... **METEOROLOGICAL CHARTS**
MAPS
RT ... **METEOROLOGICAL CHARTS**
ISOBARS (PRESSURE)
RADAR MAPS
SYNOPTIC METEOROLOGY

METEOROLOGICAL FLIGHT

RT AERIAL RECONNAISSANCE
BALLOON FLIGHT
∞ FLIGHT
ICE REPORTING
ROCKET FLIGHT
SIRS B SATELLITE
SOUNDING
SPACE FLIGHT
WEATHER FORECASTING

METEOROLOGICAL INSTRUMENTS

GS MEASURING INSTRUMENTS
... **METEOROLOGICAL INSTRUMENTS**
... BAROMETERS
... CLOUD HEIGHT INDICATORS
... DROPSONDES
... RADIOMETEORGRAPHS
... RADIOSONDES
... ENDORADIOSONDES
... IONOSONDES
... RAWINSONDES
... RAIN GAGES
... WEATHER DATA RECORDERS
... WIND VANES
RT ANEMOMETERS
BALLOON-BORNE INSTRUMENTS
HOT-FILM ANEMOMETERS
HOT-WIRE ANEMOMETERS
HUMIDITY MEASUREMENT
HYGROMETERS
HYSOMETERS
∞ INSTRUMENTS
LIGHT SCATTERING METERS
METEOROLOGY
NEPHANALYSIS
PSYCHROMETERS
RECORDING INSTRUMENTS
ROCKET-BORNE INSTRUMENTS
SIRS B SATELLITE
SODAR
SOUND DETECTING AND RANGING
SOUNDING ROCKETS
TRANSDUCERS
WEATHER RECONNAISSANCE AIRCRAFT
WEATHER STATIONS

METEOROLOGICAL PARAMETERS

GS CONSTRAINTS

METEOROLOGICAL PARAMETERS--(cont.)

... **METEOROLOGICAL PARAMETERS**
... BRUNT-VAISALA FREQUENCY
RT AEROLOGY
AGROCLIMATOLOGY
ANNUAL VARIATIONS
ATMOSPHERIC & OCEANOGRAPHIC
INFORM SYS
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
ATMOSPHERIC TURBULENCE
AVIATION METEOROLOGY
CEILINGS (METEOROLOGY)
CLOUD COVER
COLD FRONTS
EQUATORIAL ATMOSPHERE
FRONTS (METEOROLOGY)
HUMIDITY
HYDROLOGY
ISOTHERMS
MOISTURE
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHIC PARAMETERS
PRECIPITATION (METEOROLOGY)
STORMS (METEOROLOGY)
TELECONNECTIONS (METEOROLOGY)
TEMPERATURE INVERSIONS
TROPICAL METEOROLOGY
WARM FRONTS
WEATHER
WIND MEASUREMENT

METEOROLOGICAL PROBES

USE SONDES

METEOROLOGICAL RADAR

UF WEATHER RADAR
GS RADAR
... **METEOROLOGICAL RADAR**
RT PRECIPITATION PARTICLE
MEASUREMENT
PULSE RADAR
RADAR SCANNING
RADAR TRACKING
RADIO METEOROLOGY
SURVEILLANCE RADAR
WEATHER FORECASTING

METEOROLOGICAL RESEARCH AIRCRAFT

RT ∞ AIRCRAFT
DATA ACQUISITION
RESEARCH AIRCRAFT

METEOROLOGICAL ROCKETS

USE SOUNDING ROCKETS

METEOROLOGICAL SATELLITES

GS ARTIFICIAL SATELLITES
... **METEOROLOGICAL SATELLITES**
... AEROS SATELLITE
... COSMOS 144 SATELLITE
... D-2 SATELLITES
... DMSP SATELLITES
... ELEKTRON SATELLITES
... ELEKTRON 1 SATELLITE
... ELEKTRON 2 SATELLITE
... ELEKTRON 4 SATELLITE
... EOLE SATELLITES
... ESSA SATELLITES
... ESSA 1 SATELLITE
... ESSA 2 SATELLITE
... ESSA 3 SATELLITE
... ESSA 4 SATELLITE
... ESSA 5 SATELLITE
... ESSA 6 SATELLITE
... ESSA 7 SATELLITE
... ESSA 8 SATELLITE
... ESSA 9 SATELLITE
... EXPLORER 9 SATELLITE
... EXPLORER 17 SATELLITE
... EXPLORER 19 SATELLITE
... GEOLE SATELLITES
... GOES 6
... METEOSAT SATELLITE
... NIMBUS SATELLITES
... NIMBUS 1 SATELLITE
... NIMBUS 2 SATELLITE
... NIMBUS 3 SATELLITE
... NIMBUS 4 SATELLITE
... NIMBUS 5 SATELLITE
... NIMBUS 6 SATELLITE
... NIMBUS 7 SATELLITE
... NOAA SATELLITES
... NOAA 2 SATELLITE
... NOAA 3 SATELLITE

METEOROLOGICAL SATELLITES--(cont.)

... NOAA 4 SATELLITE
 ... NOAA 5 SATELLITE
 ... NOAA 6 SATELLITE
 ... NOAA 7 SATELLITE
 ... NOAA 8 SATELLITE
 ... NOAA 9 SATELLITE
 ... NOAA 10 SATELLITE
 ... SAN MARCO SATELLITES
 ... SAN MARCO 1 SATELLITE
 ... SAN MARCO 2 SATELLITE
 ... SAN MARCO 3 SATELLITE
 ... SEOS (SATELLITE)
 ... SIRS B SATELLITE
 ... SPUTNIK 1 SATELLITE
 ... SPUTNIK 2 SATELLITE
 ... SPUTNIK 3 SATELLITE
 ... SRET SATELLITES
 ... SRET 1 SATELLITE
 ... SRET 2 SATELLITE
 ... SYNCHRONOUS EARTH
 OBSERVATORY SATELLITE
 ... SMS 1
 ... SMS 2
 ... SYNCHRONOUS METEOROLOGICAL
 SATELLITE
 ... SMS 1
 ... SMS 2
 ... TIROS SATELLITES
 ... ITOS SATELLITES
 ... ITOS 1
 ... ITOS 2
 ... ITOS 3
 ... ITOS 4
 ... TIROS M
 ... TIROS N SERIES SATELLITES
 ... TIROS 1 SATELLITE
 ... TIROS 2 SATELLITE
 ... TIROS 3 SATELLITE
 ... TIROS 4 SATELLITE
 ... TIROS 5 SATELLITE
 ... TIROS 6 SATELLITE
 ... TIROS 7 SATELLITE
 ... TIROS 8 SATELLITE
 ... TIROS 9 SATELLITE
 ... TIROS 10 SATELLITE
 ... VANGUARD 2 SATELLITE
 RT AGRISTARS PROJECT
 ATS
 CLOUD PHOTOGRAPHY
 GEOPHYSICAL SATELLITES
 GOES SATELLITES
 GOES 1
 GOES 2
 GOES 3
 GOES 4
 GOES 5
 INFRARED PHOTOGRAPHY
 JAPANESE SPACE PROGRAM
 METEOROLOGY
 MILITARY SPACECRAFT
 NAVIGATION SATELLITES
 NIMBUS PROJECT
 NOESS
 SATELLITE OBSERVATION
 SATELLITE SOUNDING
 SATELLITE TELEVISION
 SOUNDING ROCKETS
 SPACE PROBES
 TIROS PROJECT
 UNMANNED SPACECRAFT
 VANGUARD SATELLITES
 WEATHER FORECASTING
 WEATHER STATIONS

METEOROLOGICAL SERVICES

GS SERVICES
 ... **METEOROLOGICAL SERVICES**
 RT AUTOMATIC WEATHER STATIONS
 AVIATION METEOROLOGY
 FLIGHT CONDITIONS
 WEATHER FORECASTING
 WEATHER STATIONS

METEOROLOGICAL SOLENOIDS

RT BAROCLINITY
 VORTICES

METEOROLOGICAL STATIONS

USE WEATHER STATIONS

METEOROLOGY

UF ATMOSPHERIC CONDITIONS
 GS **METEOROLOGY**
 ... AEROLOGY

METEOROLOGY--(cont.)

... AGROMETEOROLOGY
 ... ALPINE METEOROLOGY
 ... AVIATION METEOROLOGY
 ... BIOMETEOROLOGY
 ... HYDROMETEOROLOGY
 ... MARINE METEOROLOGY
 ... MESOMETEOROLOGY
 ... MICROMETEOROLOGY
 ... MICROBURSTS (METEOROLOGY)
 ... NUCLEAR METEOROLOGY
 ... PLANETARY METEOROLOGY
 ... POLAR METEOROLOGY
 ... RADIO METEOROLOGY
 ... SYNOPTIC METEOROLOGY
 ... TROPICAL METEOROLOGY
 ... WEATHER FORECASTING
 ... LONG RANGE WEATHER
 FORECASTING
 ... NOWCASTING
 ... NUMERICAL WEATHER FORECASTING
 ... STATISTICAL WEATHER
 FORECASTING
 RT ACID RAIN
 ACOUSTIC SOUNDING
 AERONOMY
 AGROCLIMATOLOGY
 AIR LAND INTERACTIONS
 AIR MASSES
 ANNUAL VARIATIONS
 ANTICYCLONES
 ANVIL CLOUDS
 ARC CLOUDS
 ∞ ATMOSPHERES
 ∞ ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 ATMOSPHERIC DENSITY
 ATMOSPHERIC PHYSICS
 ATMOSPHERIC TURBULENCE
 BAROCLINIC INSTABILITY
 BRIGHTNESS TEMPERATURE
 CAP CLOUDS
 CEILINGS (METEOROLOGY)
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CIRRUS SHIELDS
 CLIMATE
 CLIMATOLOGY
 CLOUD COVER
 CLOUDS (METEOROLOGY)
 COLD FRONTS
 CONDENSATION NUCLEI
 CONVECTION
 CONVECTION CLOUDS
 CORIOLIS EFFECT
 CYCLONES
 DMSP SATELLITES
 EARTH SCIENCES
 ENVIRONMENTAL ENGINEERING
 ENVIRONMENTAL MONITORING
 FRONTS (METEOROLOGY)
 GARP ATLANTIC TROPICAL EXPERIMENT
 GEOLOGY
 GEOPHYSICS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 HAILSTORMS
 HUMIDITY
 HURRICANES
 HYDROCLIMATOLOGY
 HYDRODYNAMIC EQUATIONS
 HYDROGRAPHY
 HYDROLOGY
 INSOLATION
 ISOTHERMS
 MESOSCALE PHENOMENA
 METEOROLOGICAL INSTRUMENTS
 METEOROLOGICAL SATELLITES
 METEOSAT SATELLITE
 METHOD OF CHARACTERISTICS
 MOISTURE
 NATIONAL SEVERE STORMS PROJECT
 NEPHANALYSIS
 NOESS
 OCEANOGRAPHY
 ∞ PHYSICAL SCIENCES
 ∞ PRECIPITATION (METEOROLOGY)
 ∞ SCIENCE
 SEA BREEZE
 SEASONS
 SODAR
 SOUND DETECTING AND RANGING
 STORMS (METEOROLOGY)
 TELECONNECTIONS (METEOROLOGY)
 TEMPERATURE
 TEMPERATURE INVERSIONS

METEOROLOGY--(cont.)

TROPICAL REGIONS
 TROPICAL STORMS
 TYPHOONS
 WARM FRONTS
 WEATHER
 WIND (METEOROLOGY)
 WIND MEASUREMENT
 WORLD METEOROLOGICAL
 ORGANIZATION
 ZONAL FLOW (METEOROLOGY)

METEORS

USE METEOROIDS

METEOSAT SATELLITE

GS ARTIFICIAL SATELLITES
 ... ESA SATELLITES
 ... **METEOSAT SATELLITE**
 ... METEOROLOGICAL SATELLITES
 ... **METEOSAT SATELLITE**
 ESA SPACECRAFT
 ... ESA SATELLITES
 ... **METEOSAT SATELLITE**
 RT CLOUD COVER
 CLOUD PHOTOGRAPHY
 EUROPEAN SPACE AGENCY
 EUROPEAN SPACE PROGRAMS
 FRENCH SATELLITES
 FRENCH SPACE PROGRAM
 INFRARED PHOTOGRAPHY
 ISCCP PROJECT
 METEOROLOGY
 SATELLITE OBSERVATION
 WEATHER

METERS

USE MEASURING INSTRUMENTS

METHACRYLATE RESINS

USE ACRYLIC RESINS

METHAMPHETAMINE

GS AMINES
 ... AMPHETAMINES
 ... **METHAMPHETAMINE**
 DRUGS
 ... **METHAMPHETAMINE**

METHANATION

GS CHEMICAL REACTIONS
 ... **METHANATION**
 RT BIOMASS ENERGY PRODUCTION
 COAL GASIFICATION
 HYDROCARBON FUELS
 HYDROLYSIS

METHANE

GS ORGANIC COMPOUNDS
 ... HYDROCARBONS
 ... ALIPHATIC HYDROCARBONS
 ... ALKANES
 ... **METHANE**
 RT BIOCONVERSION
 CHLOROFLUOROMETHANE
 COAL DERIVED GASES
 HYDROCARBON FUELS
 HYDROLYSIS
 LANDFILLS
 LIQUEFIED NATURAL GAS
 NATURAL GAS
 NATURAL GAS EXPLORATION
 NEPTUNE ATMOSPHERE
 OIL FIELDS
 PETROLEUM PRODUCTS
 SYNTHANE
 URANUS ATMOSPHERE

METHANOL

USE METHYL ALCOHOL

METHENYL

USE METHYLIDYNE

METHIONINE

GS ACIDS
 ... AMINO ACIDS
 ... **METHIONINE**
 ORGANIC COMPOUNDS
 ... AMINO ACIDS
 ... **METHIONINE**

METHOD OF CHARACTERISTICS

UF CHARACTERISTIC METHOD

METHOD OF CHARACTERISTICS--(cont.)

RT ∞ CHARACTERISTICS
 COMPRESSIBLE FLUIDS
 FLOW DISTRIBUTION
 HYPERBOLIC FUNCTIONS
 METEOROLOGY
 ∞ METHODOLOGY
 PARTIAL DIFFERENTIAL EQUATIONS
 PLASTIC PROPERTIES
 PRANDTL-MEYER EXPANSION
 STEADY FLOW
 UNSTEADY FLOW

METHOD OF MOMENTS

RT DISTRIBUTION MOMENTS
 INTEGRAL EQUATIONS
 MATHEMATICAL MODELS
 MATRICES (MATHEMATICS)
 ∞ METHODOLOGY
 MOMENT DISTRIBUTION
 MOMENTS
 NUMERICAL ANALYSIS

∞ METHODOLOGY

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF METHODS
 TECHNIQUES
 RT APPROXIMATION
 ASYMPTOTIC METHODS
 BIOT METHOD
 BOUNDARY INTEGRAL METHOD
 BRIDGMAN METHOD
 CRITICAL PATH METHOD
 CROCCO METHOD
 CZOCHRALSKI METHOD
 DEBYE-SCHERRER METHOD
 DELPHI METHOD (FORECASTING)
 DIGITAL TECHNIQUES
 EMERGENCY BREATHING TECHNIQUES
 ENCKE METHOD
 ENERGY METHODS
 EQUILIBRIUM METHODS
 ETHICS
 FINITE ELEMENT METHOD
 FINITE VOLUME METHOD
 FUJITA METHOD
 GALERKIN METHOD
 GERT
 GLIMM METHOD
 HALPHEN METHOD
 HARTREE-FOCK-SLATER METHOD
 HEURISTIC METHODS
 HILL METHOD
 IMAGING TECHNIQUES
 JACOBI MATRIX METHOD
 KJELDAHL METHOD
 LATIN SQUARE METHOD
 LAUE METHOD
 LEAST SQUARES METHOD
 LIGHTHILL METHOD
 MANAGEMENT METHODS
 MATRIX MANAGEMENT
 MATRIX METHODS
 MAXIMUM ENTROPY METHOD
 MAXWELL-MOHR METHOD
 ∞ MECHANISM
 METHOD OF CHARACTERISTICS
 METHOD OF MOMENTS
 MILNE METHOD
 MILNE-THOMSON METHOD
 MINIMUM ENTROPY METHOD
 MOIRE EFFECTS
 MONTE CARLO METHOD
 NEWTON-RAPHSON METHOD
 PANEL METHOD (FLUID DYNAMICS)
 PARTICLE IN CELL TECHNIQUE
 PATTERN METHOD (FORECASTING)
 PERCUS METHOD
 POHLHAUSEN METHOD
 PROBE METHOD (FORECASTING)
 PROBLEM SOLVING
 PROFILE METHOD (FORECASTING)
 RAYLEIGH-RITZ METHOD
 RELAXATION METHOD (MATHEMATICS)
 RITZ AVERAGING METHOD
 RULER METHOD
 RUNGE-KUTTA METHOD
 SCHMIDT METHOD
 SCHWARTZ METHOD
 SIMPLEX METHOD
 STEEPEST DESCENT METHOD
 STRAIN ENERGY METHODS
 TRAVELING SOLVENT METHOD

METHODOLOGY--(cont.)

VAN SLYKE METHOD
 VON ZEIPPEL METHOD
 VORTEX IN CELL TECHNIQUE
 WENTZEL-KRAMER-BRILLOUIN METHOD
 WING FLOW METHOD TESTS

METHODS

USE METHODOLOGY
 PROCEDURES

METHOXY SYSTEMS

RT ALCOHOLS
 ∞ CHEMICAL COMPOUNDS
 INDOLES
 ORGANIC CHEMISTRY
 ORGANIC COMPOUNDS
 PYRROLES
 ∞ SYSTEMS

METHYL ALCOHOL

UF METHANOL
 GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . METHYL ALCOHOL
 RT KARL FISCHER REAGENT

METHYL CHLORIDE

GS DRUGS
 . ANESTHETICS
 . . METHYL CHLORIDE
 RT CHLORIDES

METHYL CHLOROSILANES

GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . . SILANES
 . . . METHYL CHLOROSILANES
 METHYL COMPOUNDS
 . METHYL CHLOROSILANES
 SILICON COMPOUNDS
 . SILANES
 . . METHYL CHLOROSILANES

METHYL COMPOUNDS

GS METHYL COMPOUNDS
 . ACETONITRILE
 . METHYL CHLOROSILANES
 . METHYL NITRATE
 . . METHYL POLYSILOXANES
 RT ∞ CHEMICAL COMPOUNDS
 DIMETHYL COMPOUNDS
 ORGANIC COMPOUNDS
 TRIMETHYL COMPOUNDS

METHYL CYANIDE

USE ACETONITRILE

METHYL NITRATE

GS ALKYL COMPOUNDS
 . METHYL NITRATE
 METHYL COMPOUNDS
 . METHYL NITRATE
 NITROGEN COMPOUNDS
 . NITRATES
 . . METHYL NITRATE

METHYL POLYSILOXANES

GS METHYL COMPOUNDS
 . METHYL POLYSILOXANES
 POLYSILOXANES
 . METHYL POLYSILOXANES
 SILICON POLYMERS
 . SILICONES
 . . METHYL POLYSILOXANES
 RT ∞ POLYMERS
 SILICON COMPOUNDS

METHYLATION

GS CHEMICAL REACTIONS
 . METHYLATION
 RT ALKYLATION

METHYLENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . METHYLENE
 RT DYES
 STAINING

METHYLENE BLUE

GS DYES
 . METHYLENE BLUE
 ORGANIC COMPOUNDS

METHYLENE BLUE--(cont.)

. CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . AZINES
 METHYLENE BLUE
 PYRAZINES
 . AZINES
 . . METHYLENE BLUE
 RT CHEMICAL ANALYSIS
 CHEMICAL INDICATORS
 ∞ INDICATORS
 STAINING

METHYLENE DIAMINE

GS AMINES
 . METHYLENE DIAMINE

METHYLHYDRAZINE

GS HYDRAZINES
 . METHYLHYDRAZINE
 RT DIMETHYLHYDRAZINES

METHYLDIYNE

UF CH (METHYLDIYNE)
 METHENYL
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . METHYLDIYNE
 RADICALS
 . . METHYLDIYNE
 RT ∞ AROMATIC COMPOUNDS
 CARBON COMPOUNDS
 DIATOMIC MOLECULES
 INTERSTELLAR GAS
 INTERSTELLAR MATTER
 MOLECULAR CLOUDS

METRAZOL

GS DRUGS
 . METRAZOL

METRIC CONVERSION

USE METRICATION

METRIC PHOTOGRAPHY

GS PHOTOGRAPHY
 . METRIC PHOTOGRAPHY

METRIC SPACE

GS GEOMETRY
 . TOPOLOGY
 . . METRIC SPACE
 RT BANACH SPACE
 BIMETRIC THEORIES

METRIC SYSTEM

USE INTERNATIONAL SYSTEM OF UNITS

METRICATION

UF METRIC CONVERSION
 RT ∞ CONVERSION
 INTERNATIONAL SYSTEM OF UNITS
 METROLOGY
 STANDARDIZATION
 UNITS OF MEASUREMENT

METROLOGY

RT INTERNATIONAL SYSTEM OF UNITS
 ∞ MEASUREMENT
 MEASURING INSTRUMENTS
 METRICATION
 STANDARDS
 UNITS OF MEASUREMENT

METROPOLITAN AIRCRAFT

USE CV-440 AIRCRAFT

METROPOLITAN AREAS

USE CITIES

MEXICAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . MEXICAN SPACE PROGRAM
 RT MEXICO

MEXICO

GS NATIONS
 . MEXICO
 RT COLORADO RIVER (NORTH AMERICA)
 GULF OF CALIFORNIA (MEXICO)
 GULF OF MEXICO
 IMPERIAL VALLEY (CA)
 LOWER CALIFORNIA (MEXICO)

MEXICO--(cont.)

MEXICAN SPACE PROGRAM
NORTH AMERICA
RIO GRANDE (NORTH AMERICA)
SAN ANDREAS FAULT
SOUTHERN CALIFORNIA

MGCO

USE MARS OBSERVER

MH-262 AIRCRAFT

UF MAX HOLSTE MH-262 AIRCRAFT
NORD 262 AIRCRAFT
GS JET AIRCRAFT
. TURBOPROP AIRCRAFT
. **MH-262 AIRCRAFT**
LIGHT AIRCRAFT
. **MH-262 AIRCRAFT**
MONOPLANES
. **MH-262 AIRCRAFT**
NORD AIRCRAFT
. **MH-262 AIRCRAFT**
TRANSPORT AIRCRAFT
. **MH-262 AIRCRAFT**
RT ∞ AIRCRAFT
CARGO AIRCRAFT
PASSENGER AIRCRAFT

MICA

UF FLUOROMICA
GS MINERALS
. **MICA**
. BIOTITE
. FLUOROPHLOGOPITE
. MUSCOVITE
RT IGNEOUS ROCKS
VERMICULITE

MICARTA

GS COMPOSITE MATERIALS
. POLYMER MATRIX COMPOSITES
. REINFORCED PLASTICS
. **MICARTA**
PLASTICS
. REINFORCED PLASTICS
. **MICARTA**
. SYNTHETIC RESINS
. THERMOSETTING RESINS
. PHENOLIC RESINS
. **MICARTA**
RESINS
. SYNTHETIC RESINS
. THERMOSETTING RESINS
. PHENOLIC RESINS
. **MICARTA**
RT FABRICS
FIBER COMPOSITES
INSULATION
∞ POLYMERS

MICE

GS ANIMALS
. VERTEBRATES
. MAMMALS
. RODENTS
. **MICE**
. JERBOAS
. POCKET MICE
RT RATS

MICHAEL REACTION

GS CHEMICAL REACTIONS
. **MICHAEL REACTION**

MICHAELIS THEORY

RT ∞ THEORIES

MICHELL THEOREM

GS THEOREMS
. **MICHELL THEOREM**
RT STRESS ANALYSIS
STRUCTURAL ANALYSIS

MICHELSON INTERFEROMETERS

GS MEASURING INSTRUMENTS
. INTERFEROMETERS
. **MICHELSON INTERFEROMETERS**
RT ASTROPHYSICS
RADIO ASTRONOMY
SPECTROMETERS

MICHIGAN

GS NATIONS
. UNITED STATES

MICHIGAN--(cont.)

. **MICHIGAN**
RT PONTIAC (MI)
SAGINAW BAY (MI)

MICROANALYSIS

GS CHEMICAL TESTS
. CHEMICAL ANALYSIS
. **MICROANALYSIS**
RT ELECTRON MICROSCOPES
ELECTRON MICROSCOPY
ELECTROPHOTOMETRY
MASS SPECTROMETERS
∞ MATERIALS TESTS
NEUTRON ACTIVATION ANALYSIS
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
SCANNING ELECTRON MICROSCOPY
SPECTROSCOPIC ANALYSIS
TRANSMISSION ELECTRON MICROSCOPY
X RAY ANALYSIS

MICROBALANCES

UF MICROSCALES
GS MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. WEIGHT INDICATORS
. **MICROBALANCES**

MICROBALLOONS

GS EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES
. BALLOONS
. **MICROBALLOONS**
RT GLOBULES
LASERS
SPHERES
TARGETS

MICROBE

USE MICROORGANISMS

MICROBEAMS

GS BEAMS (RADIATION)
. **MICROBEAMS**
RT COLLIMATION
CRYSTALLOGRAPHY
X RAY ANALYSIS

MICROBIOLOGY

GS **MICROBIOLOGY**
. BACTERIOLOGY
RT ∞ BIOLOGY
CULTURE TECHNIQUES
GNOTOBIOTICS

MICROBURSTS (METEOROLOGY)

SN (EXCLUDES IONOSPHERIC RADIATION
MICROBURSTS)*URSTS)
GS METEOROLOGY
. MICROMETEOROLOGY
. **MICROBURSTS (METEOROLOGY)**
STORMS
. STORMS (METEOROLOGY)
. DOWNBURSTS
. **MICROBURSTS (METEOROLOGY)**
RT AVIATION METEOROLOGY
FLIGHT HAZARDS
THUNDERSTORMS
VERTICAL AIR CURRENTS
WIND SHEAR

MICROCALORIMETERS

USE CALORIMETERS

MICROCHANNEL PLATES

UF MULTICHANNEL PLATES
RT CHANNEL MULTIPLIERS
DYNAMIC RANGE
INTEGRATED CIRCUITS
MICROCHANNELS
MICROWAVE EQUIPMENT
PHOTOMULTIPLIER TUBES
∞ PLATES
THIN FILMS

MICROCHANNELS

RT FREQUENCIES
IMAGE CONVERTERS
LIGHT AMPLIFIERS
MICROCHANNEL PLATES
MULTI-ANODE MICROCHANNEL ARRAYS
NIGHT VISION
OPTICAL EQUIPMENT

MICROCHANNELS--(cont.)

PHOTOCATHODES
ULTRAVIOLET RADIATION

MICROCIRCUITS

USE MICROELECTRONICS

MICROCLIMATOLOGY

GS CLIMATOLOGY
. **MICROCLIMATOLOGY**
RT AGROCLIMATOLOGY
BIOMETEOROLOGY
MICROMETEOROLOGY

MICROCOMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. **MICROCOMPUTERS**
. PERSONAL COMPUTERS
. IBM PERSONAL COMPUTERS
. MACINTOSH PERSONAL
COMPUTERS
RT MICROPROCESSORS
MINICOMPUTERS

MICROCRACKS

GS FRACTURES (MATERIALS)
. CRACKS
. **MICROCRACKS**
RT CRACK CLOSURE
CRACK GEOMETRY
CRACK INITIATION
ELBER EQUATION
SURFACE CRACKS

MICROCRYSTALS

GS CRYSTALS
. **MICROCRYSTALS**
RT CRYSTALLITES
SPHERULITES

MICROCYSTIS

GS PLANTS (BOTANY)
. ALGAE
. BLUE GREEN ALGAE
. **MICROCYSTIS**
RT POLLUTION

MICRODENSITOMETERS

GS MEASURING INSTRUMENTS
. DENSITOMETERS
. **MICRODENSITOMETERS**
. OPTICAL MEASURING INSTRUMENTS
. **MICRODENSITOMETERS**
OPTICAL EQUIPMENT
. OPTICAL MEASURING INSTRUMENTS
. **MICRODENSITOMETERS**
RT GRAVIMETERS
OPTICAL DENSITY
OPTICAL MEASUREMENT
PHOTOMETERS

MICROELECTRONICS

UF MICROCIRCUITS
GS **MICROELECTRONICS**
. LARGE SCALE INTEGRATION
. MEDIUM SCALE INTEGRATION
. VERY LARGE SCALE INTEGRATION
RT BEAM LEADS
CIRCUITS
∞ ELECTRONICS
ENCAPSULATED MICROCIRCUITS
ION IMPLANTATION
LASER MICROSCOPY
MICROINSTRUMENTATION
MICROMINIATURIZATION
MICROMINIATURIZED ELECTRONIC
DEVICES
MICROMODULES
MOLECULAR ELECTRONICS
PHOTOLITHOGRAPHY
PHOTOMASKS
SINGLE EVENT UPSETS
TRANSISTOR CIRCUITS
WAFERS

MICROFIBERS

GS FIBERS
. **MICROFIBERS**

MICROFILMS

GS PHOTOGRAPHIC FILM
. **MICROFILMS**

MICROFILMS--(cont.)

RT DATA RETRIEVAL
DATA STORAGE
MICROPHOTOGRAPHS
READERS
REPRODUCTION (COPYING)

MICROGRAPHY

USE PHOTOMICROGRAPHY

MICROGRAVITY

UF LOW GRAVITY
REDUCED GRAVITY
SUBGRAVITY
GRAVITATION
GS **MICROGRAVITY**
RT ANTIGRAVITY
BIOPROCESSING
DROP TOWERS
FLUID MANAGEMENT
HIGH GRAVITY ENVIRONMENTS
LOW GRAVITY MANUFACTURING
LOW WEIGHT
MARANGONI CONVECTION

∞ MICROGRAVITY APPLICATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BIOPROCESSING
COMMERCE LAB
CRYSTAL GROWTH
ELECTROPHORESIS
LOW GRAVITY MANUFACTURING
SPACE COMMERCIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING

MICROHARDNESS

UF MICROINDENTATION
GS MECHANICAL PROPERTIES
HARDNESS
RT **MICROHARDNESS**
KNOOP HARDNESS
ROCKWELL HARDNESS

MICROINDENTATION

USE MICROHARDNESS

MICROINSTRUMENTATION

RT MEASURING INSTRUMENTS
MICROELECTRONICS
MICROMINIATURIZATION

MICROMACHINING

GS MACHINING
RT **MICROMACHINING**
CUTTING
DRILLING
GRINDING (MATERIAL REMOVAL)
GROOVING
LASER CUTTING
LASER DRILLING
METAL CUTTING
METAL WORKING
MICROMECHANICS
MICROSTRUCTURE
PHOTOENGRAVING
PHOTOMASKS
PHOTOMECHANICAL EFFECT
SURFACE FINISHING
V GROOVES

MICROMANOMETERS

USE MANOMETERS

MICROMECHANICS

RT COMPOSITE MATERIALS
CRACK PROPAGATION
FRACTURE MECHANICS
MECHANICAL PROPERTIES
∞ MECHANICS (PHYSICS)
MICROMACHINING
MICROSTRUCTURE
REINFORCING FIBERS
STRESS CONCENTRATION

MICROMETEORITES

GS CELESTIAL BODIES
METEORITES
RT **MICROMETEORITES**
COSMIC DUST
HYPERVELOCITY PROJECTILES
METEORIDS

MICROMETEORITES--(cont.)

MICROMETEORIDS
TEKTITES
ZODIACAL DUST

MICROMETEOROID EXPLORER SATELLITES

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
RT **MICROMETEOROID EXPLORER
SATELLITES**

MICROMETEORIDS

UF METEORITIC DUST
MICROMETEORS
GS CELESTIAL BODIES
METEORIDS
RT **MICROMETEORIDS**
METEOROID DUST CLOUDS
ZODIACAL DUST
COSMIC DUST
EXPLORER SATELLITES
INTERPLANETARY DUST
METEOR TRAILS
METEORITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
SPACE DEBRIS
TERRESTRIAL DUST BELT
ZODIACAL LIGHT

MICROMETEOROLOGY

GS METEOROLOGY
MICROMETEOROLOGY
RT **MICROMETEOROLOGY**
AGROMETEOROLOGY
MESOMETEOROLOGY
MICROCLIMATOLOGY
TURBULENCE

MICROMETEORS

USE MICROMETEORIDS

MICROMETERS

GS MEASURING INSTRUMENTS
MICROMETERS
RT DIMENSIONAL MEASUREMENT
DISTANCE MEASURING EQUIPMENT

MICROMILLIAMMETERS

GS MEASURING INSTRUMENTS
AMMETERS
RT **MICROMILLIAMMETERS**
ELECTRIC CURRENT
ELECTRICAL MEASUREMENT
GALVANOMETERS

MICROMINIATURIZATION

GS MINIATURIZATION
MICROMINIATURIZATION
RT CIRCUITS
DTL INTEGRATED CIRCUITS
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
LINEAR INTEGRATED CIRCUITS
MICROELECTRONICS
MICROINSTRUMENTATION
MICROMINIATURIZED ELECTRONIC
DEVICES
MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
SEMICONDUCTOR DEVICES
SUBMINIATURIZATION
THICK FILMS
THIN FILMS
TTL INTEGRATED CIRCUITS
WAFERS

MICROMINIATURIZED ELECTRONIC DEVICES

GS **MICROMINIATURIZED ELECTRONIC
DEVICES**
MICROMODULES
MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT

MICROMODULES

GS ELECTRONIC EQUIPMENT
ELECTRONIC MODULES
MICROMODULES
MICROMINIATURIZED ELECTRONIC
DEVICES
MICROMODULES
MODULES

MICROMODULES--(cont.)

ELECTRONIC MODULES
RT **MICROMODULES**
BEAM LEADS
CONTAINERS
ELECTRONIC PACKAGING
MICROELECTRONICS
MICROPROCESSORS
MINIATURE ELECTRONIC EQUIPMENT
PHOTOLITHOGRAPHY

MICROMOTORS

SN (EXCLUDES ROCKET ENGINES)
GS MOTORS
ELECTRIC MOTORS
MICROMOTORS

MICROORGANISMS

UF MICROBE
GS **MICROORGANISMS**
BACTERIA
ACTINOMYCETES
ARCHAEBACTERIA
AZOTOBACTER
BACILLUS
STEATOTHERMOPHILUS
CLOSTRIDIUM
CLOSTRIDIUM BOTULINUM
ESCHERICHIA
HYDROGENOMONAS
KLEBSIELLA
NITROBACTER
PSEUDOMONAS
SALMONELLA
SARCINA
SERRATIA
STAPHYLOCOCCUS
STREPTOCOCCUS
STREPTOMYCETES
PROTOZOA
AMOEBAS
PELOMYXA
FLAGELLATA
EUGLENA
TRYPANOSOME
PARAMECIA
ROTIFERA
VIRUSES
ADENOVIRUSES
BACTERIOPHAGES
HUMAN IMMUNODEFICIENCY VIRUS
RT AEROBES
ALGAE
ANAEROBES
ANIMALS
ANTIBIOTICS
GNOTOBIOTICS
INVERTEBRATES
MESOPHILES
MICROPARTICLES
MICROSPORES
PLANTS (BOTANY)
POLLUTION
PSYCHROPHILES
RED TIDE
SAPROPHYTES
SPORES
VIRULENCE

MICROPARTICLES

GS PARTICLES
MICROPARTICLES
RT CONDENSATION NUCLEI
FERROFLUIDS
MICROORGANISMS
PARTICULATE REINFORCED
COMPOSITES

MICROPHONES

GS AUDIO EQUIPMENT
MICROPHONES
TRANSDUCERS
SOUND TRANSDUCERS
ELECTROACOUSTIC TRANSDUCERS
MICROPHONES
RT HYDROPHONES
INTERPHONES
MAGNETIC TRANSDUCERS
MONAURAL SIGNALS
TRANSMITTERS
ULTRASONIC WAVE TRANSDUCERS

MICROPHOTOGRAPHS

GS PHOTOGRAPHS
MICROPHOTOGRAPHS

MICROPHOTOGRAPHS--(cont.)

RT DATA STORAGE
MICROFILMS
PHOTOGRAPHY
PHOTOMASKS

MICROPHOTOMETERS

USE PHOTOMETERS

MICROPLASMAS

GS PARTICLES
. CHARGED PARTICLES
. ENERGETIC PARTICLES
. PLASMAS (PHYSICS)
. MICROPLASMAS

MICROPOLAR FLUIDS

GS INCOMPRESSIBLE FLUIDS
. MICROPOLAR FLUIDS
RT FLUID MECHANICS
∞ FLUIDS
MICROSTRUCTURE

MICROPOROSITY

GS POROSITY
. MICROPOROSITY
RT MECHANICAL PROPERTIES
METALLOGRAPHY
MICROSTRUCTURE

MICROPROCESSORS

GS DATA PROCESSING EQUIPMENT
. MICROPROCESSORS
. . . INTEL 8080 MICROPROCESSOR
RT CENTRAL PROCESSING UNITS
COMPUTER DESIGN
COMPUTER STORAGE DEVICES
COMPUTER TECHNIQUES
DATA PROCESSING
DISTRIBUTED PROCESSING
FIRMWARE
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
MICROCOMPUTERS
MICROMODULES
ONBOARD DATA PROCESSING
TRANSPUTERS

MICROPROGRAMMING

GS SOFTWARE ENGINEERING
. COMPUTER PROGRAMMING
. . . MICROPROGRAMMING
RT FIRMWARE
∞ PROGRAMMING

MICROPULSATIONS

GS PULSES
. MICROPULSATIONS
. . . GEOMAGNETIC MICROPULSATIONS
RT VARIATIONS

MICROROCKET ENGINES

GS ENGINES
. ROCKET ENGINES
. . . MICROROCKET ENGINES
. ORBIT MANEUVERING ENGINE
. (SPACE SHUTTLE)
RT ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
MICROTHRUST
VERNIER ENGINES

MICROSCALES

USE MICROBALANCES

MICROSCOPES

GS MICROSCOPES
. ACOUSTIC MICROSCOPES
. ELECTRON MICROSCOPES
. ION MICROSCOPES
. OPTICAL MICROSCOPES
RT BINOCULARS
EYEPIECES
METALLOGRAPHY
MICROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMICROGRAPHY
ULTRAVIOLET MICROSCOPY

MICROSCOPY

GS MICROSCOPY
. ELECTRON MICROSCOPY
. . . SCANNING ELECTRON MICROSCOPY

MICROSCOPY--(cont.)

. . . SCANNING TUNNELING MICROSCOPY
. . . TRANSMISSION ELECTRON
MICROSCOPY
. LASER MICROSCOPY
. PHOTOACOUSTIC MICROSCOPY
. ULTRAVIOLET MICROSCOPY
RT CYTOMETRY
MICROSCOPES
MICROTOMY
PHASE CONTRAST
PHOTOMICROGRAPHY
SLIDES (MICROSCOPY)

MICROSEISMS

GS ELASTIC WAVES
. SEISMIC WAVES
. . . MICROSEISMS
RT CRUSTAL FRACTURES
EARTHQUAKE DAMAGE
EARTHQUAKES

MICROSONICS

GS ACOUSTICS
. MICROSONICS
RT ELASTIC PROPERTIES
PIEZOELECTRIC CRYSTALS
SOUND FIELDS
SOUND WAVES
SURFACE ACOUSTIC WAVE DEVICES
SURFACE WAVES

MICROSPORES

GS SPORES
. MICROSPORES
RT FUNGI
MICROORGANISMS
PLANTS (BOTANY)
PROTOZOA

MICROSTRIP ANTENNAS

GS ANTENNAS
. MICROSTRIP ANTENNAS
MICROSTRIP DEVICES
. MICROSTRIP ANTENNAS
RT ANTENNA DESIGN
MICROSTRIP TRANSMISSION LINES
MICROWAVE ANTENNAS
WAVEGUIDE ANTENNAS

MICROSTRIP DEVICES

GS MICROSTRIP DEVICES
. MICROSTRIP ANTENNAS
. MICROSTRIP TRANSMISSION LINES
RT CIRCUITS
INTEGRATED CIRCUITS
MICROWAVE CIRCUITS
MICROWAVE EQUIPMENT

MICROSTRIP TRANSMISSION LINES

UF FLAT COAXIAL TRANSMISSION LINES
PARALLEL STRIP LINES
GS MICROSTRIP DEVICES
. MICROSTRIP TRANSMISSION LINES
TRANSMISSION LINES
. STRIP TRANSMISSION LINES
. . . MICROSTRIP TRANSMISSION LINES
RT DIRECTIONAL COUPLERS
MICROSTRIP ANTENNAS
MICROWAVE TRANSMISSION

MICROSTRUCTURE

GS MICROSTRUCTURE
. METEORITIC MICROSTRUCTURES
. WIDMANSTATTEN STRUCTURE
RT AGING (MATERIALS)
AGING (METALLURGY)
AUSTENITE
BAINITE
BAUSCHINGER EFFECT
CAST ALLOYS
CASTING
CASTINGS
CEMENTITE
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
FERRITES
GRAIN SIZE
HARDENING (MATERIALS)
HEAT TREATMENT
LAMELLA (METALLURGY)
MARTENSITE
METALLOGRAPHY
MICROMACHINING
MICROMECHANICS

MICROSTRUCTURE--(cont.)

MICROPOLAR FLUIDS
MICROPOROSITY
ORDER-DISORDER TRANSFORMATIONS
PEARLITE
PHOTOMICROGRAPHY
PRECIPITATES
QUENCHING (COOLING)
SHAPE MEMORY ALLOYS
SILICON ALLOYS
SPHERULITES
∞ STRUCTURES
THERMOMECHANICAL TREATMENT
VANADIUM ALLOYS
WORK SOFTENING

MICROTHRUST

GS THRUST
. LOW THRUST
. . . MICROTHRUST
RT JET THRUST
LOW THRUST PROPULSION
MICROCKET ENGINES
ROCKET THRUST
VARIABLE THRUST

MICROTOMY

RT MEDICAL EQUIPMENT
MICROSCOPY

MICROTRONS

GS PARTICLE ACCELERATORS
. CYCLOTRONS
. . . MICROTRONS
RT BETATRONS
SYNCHROTRONS

MICROVISION LANDING AID

GS DISPLAY DEVICES
. MICROVISION LANDING AID
LANDING AIDS
. MICROVISION LANDING AID

MICROWAVE ABSORPTION

GS ENERGY ABSORPTION
. RADIATION ABSORPTION
. . . ELECTROMAGNETIC ABSORPTION
. MICROWAVE ABSORPTION
RT ABSORPTANCE
∞ ABSORPTION
ABSORPTION SPECTRA
ABSORPTIVITY
ACTIVATION
ATMOSPHERIC ATTENUATION
MICROWAVE ATTENUATION
MICROWAVE FREQUENCIES
MICROWAVE SCATTERING
MICROWAVE TRANSMISSION
MICROWAVES
RADAR
RADAR ABSORBERS

MICROWAVE AMPLIFIERS

GS AMPLIFIERS
. MICROWAVE AMPLIFIERS
. . . CROSSED FIELD AMPLIFIERS
. . . CYCLOTRON RESONANCE DEVICES
. . . PLANOTRONS
MICROWAVE EQUIPMENT
. MICROWAVE AMPLIFIERS
. . . CROSSED FIELD AMPLIFIERS
. . . CYCLOTRON RESONANCE DEVICES
. . . PLANOTRONS
RT INTERSTELLAR MASERS
MASERS
PARAMETRIC AMPLIFIERS
TRANSFERRED ELECTRON DEVICES

MICROWAVE ANTENNAS

GS ANTENNAS
. RADIO ANTENNAS
. . . MICROWAVE ANTENNAS
. HORN ANTENNAS
. LENS ANTENNAS
. SPACETENNAS
MICROWAVE EQUIPMENT
. MICROWAVE ANTENNAS
. . . HORN ANTENNAS
. . . LENS ANTENNAS
. . . RECTENNAS
. . . SPACETENNAS
RADIO EQUIPMENT
. RADIO ANTENNAS
. . . MICROWAVE ANTENNAS
. HORN ANTENNAS

MICROWAVE ANTENNAS--(cont.)

... LENS ANTENNAS
 ... SPACETENNAS
 RT AIRCRAFT ANTENNAS
 ANTENNA ARRAYS
 BACKFIRE ANTENNAS
 DIRECTIONAL ANTENNAS
 GREGORIAN ANTENNAS
 HELICAL ANTENNAS
 MICROSTRIP ANTENNAS
 MISSILE ANTENNAS
 MULTIBEAM ANTENNAS
 OMNIDIRECTIONAL ANTENNAS
 PARABOLIC ANTENNAS
 PARABOLIC REFLECTORS
 RADAR ANTENNAS
 REFLECTOR ANTENNAS
 SLOT ANTENNAS
 WAVEGUIDE ANTENNAS

MICROWAVE ATTENUATION

GS ATTENUATION
 . MICROWAVE ATTENUATION
 TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . RADIO TRANSMISSION
 . MICROWAVE ATTENUATION
 . SIGNAL TRANSMISSION
 . RADIO TRANSMISSION
 . MICROWAVE ATTENUATION
 RT MICROWAVE ABSORPTION
 WAVE PROPAGATION

MICROWAVE CIRCUITS

GS CIRCUITS
 . MICROWAVE CIRCUITS
 RT MICROSTRIP DEVICES

MICROWAVE COUPLING

GS COUPLING
 . ELECTROMAGNETIC COUPLING
 . MICROWAVE COUPLING
 RT ANTENNA COUPLERS
 COUPLING CIRCUITS
 CROSS COUPLING
 DIRECTIONAL ANTENNAS
 DIRECTIONAL COUPLERS
 OPTICAL COUPLING

MICROWAVE EMISSION

GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . SHORT WAVE RADIATION
 . MICROWAVES
 . MICROWAVE EMISSION
 EMISSION
 . MICROWAVE EMISSION
 RT COSMIC NOISE
 DIFFRACTION RADIATION
 EXTRATERRESTRIAL RADIATION
 EXTRATERRESTRIAL RADIO WAVES
 LINEAR POLARIZATION
 MICROWAVE SIGNATURES
 STELLAR RADIATION

MICROWAVE EQUIPMENT

GS MICROWAVE EQUIPMENT
 . GYRATORS
 . MICROWAVE FILTERS
 . MICROWAVE AMPLIFIERS
 . CROSSED FIELD AMPLIFIERS
 . CYCLOTRON RESONANCE DEVICES
 . PLANOTRONS
 . MICROWAVE ANTENNAS
 . HORN ANTENNAS
 . LENS ANTENNAS
 . RECTENNAS
 . SPACETENNAS
 . MICROWAVE INTERFEROMETERS
 . MICROWAVE OSCILLATORS
 . MAGNETRONS
 . NIGOTRONS
 . MICROWAVE PROBES
 . MICROWAVE PLASMA PROBES
 . MICROWAVE RADIOMETERS
 . MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 . MICROWAVE TUBES
 . CELESCOPES
 . CYCLOTRON RESONANCE DEVICES
 . KLYSTRONS
 . MAGNETRONS
 . NIGOTRONS
 . PLANOTRONS

MICROWAVE EQUIPMENT--(cont.)

... TRAVELING WAVE TUBES
 ... BACKWARD WAVE TUBES
 ... HELITRONS
 ... CARCINOTRONS
 ... THYRATRONS
 RT GAS DISCHARGE TUBES
 MICROCHANNEL PLATES
 MICROSTRIP DEVICES

MICROWAVE FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . ELECTRIC FILTERS
 . MICROWAVE FILTERS
 MICROWAVE EQUIPMENT
 . GYRATORS
 . MICROWAVE FILTERS
 RT BANDPASS FILTERS
 BANDSTOP FILTERS
 DIGITAL FILTERS
 FIR FILTERS
 HIGH PASS FILTERS
 LOW PASS FILTERS
 RADAR FILTERS
 RADIO FILTERS
 RECTANGULAR WAVEGUIDES
 WAVEGUIDE FILTERS

MICROWAVE FREQUENCIES

SN (1 TO 100 GHZ)
 GS FREQUENCIES
 . RADIO FREQUENCIES
 . MICROWAVE FREQUENCIES
 . C BAND
 . EXTREMELY HIGH FREQUENCIES
 . P BAND
 . SUPERHIGH FREQUENCIES
 RT ACOUSTIC MICROSCOPES
 CENTIMETER WAVES
 MICROWAVE ABSORPTION
 MICROWAVES
 PASSIVE L-BAND RADIOMETERS
 PRAETERSONIC DEVICES

MICROWAVE HOLOGRAPHY

GS IMAGERY
 . HOLOGRAPHY
 . MICROWAVE HOLOGRAPHY
 PHOTOGRAPHY
 . HOLOGRAPHY
 . MICROWAVE HOLOGRAPHY
 RT IMAGING TECHNIQUES
 MICROWAVES
 WAVE FRONT RECONSTRUCTION

MICROWAVE IMAGERY

GS IMAGERY
 . MICROWAVE IMAGERY
 RT RADARSCOPES
 SYNTHETIC APERTURE RADAR
 X RAY IMAGERY

MICROWAVE INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . MICROWAVE INTERFEROMETERS
 MICROWAVE EQUIPMENT
 . MICROWAVE INTERFEROMETERS
 RT FABRY-PEROT INTERFEROMETERS
 PLASMA DIAGNOSTICS

MICROWAVE LANDING SYSTEMS

GS LANDING AIDS
 . MICROWAVE LANDING SYSTEMS
 . MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 RT AIR TRAFFIC CONTROL
 AIRCRAFT LANDING
 AIRCRAFT SAFETY
 APPROACH CONTROL
 AUTOMATED EN ROUTE ATC
 AUTOMATIC LANDING CONTROL
 ∞ SYSTEMS

MICROWAVE OSCILLATORS

GS MICROWAVE EQUIPMENT
 . MICROWAVE OSCILLATORS
 . MAGNETRONS
 . NIGOTRONS
 OSCILLATORS
 . MICROWAVE OSCILLATORS
 . MAGNETRONS
 . NIGOTRONS
 RT BACKWARD WAVE TUBES
 BARRITT DIODES

MICROWAVE OSCILLATORS--(cont.)

DIFFRACTION RADIATION
 GAS DISCHARGE TUBES
 KLYSTRONS
 MICROWAVE TUBES
 SUPERCONDUCTING CAVITY
 RESONATORS
 TRANSFERRED ELECTRON DEVICES
 TRAVELING WAVE TUBES
 VACUUM TUBE OSCILLATORS
 VOLTAGE CONTROLLED OSCILLATORS

MICROWAVE PHOTOGRAPHY

GS IMAGERY
 . MICROWAVE PHOTOGRAPHY
 PHOTOGRAPHY
 . MICROWAVE PHOTOGRAPHY
 RT RADAR DATA
 RADAR PHOTOGRAPHY
 RADARSCOPES

MICROWAVE PLASMA PROBES

GS MEASURING INSTRUMENTS
 . MICROWAVE PROBES
 . MICROWAVE PLASMA PROBES
 MICROWAVE EQUIPMENT
 . MICROWAVE PROBES
 . MICROWAVE PLASMA PROBES
 RT ELECTRON PROBES
 PLASMA FLUX MEASUREMENT
 PLASMA GUIDES
 PLASMAS (PHYSICS)
 RESONANCE PROBES

MICROWAVE POWER BEAMING

UF POWER TRANSMISSION (MICROWAVE)
 GS POWER BEAMING
 . MICROWAVE POWER BEAMING
 RT LASER POWER BEAMING
 MICROWAVE TRANSMISSION
 SATELLITE POWER TRANSMISSION
 SPACECRAFT POWER SUPPLIES

MICROWAVE PROBES

GS MEASURING INSTRUMENTS
 . MICROWAVE PROBES
 . MICROWAVE PLASMA PROBES
 MICROWAVE EQUIPMENT
 . MICROWAVE PROBES
 . MICROWAVE PLASMA PROBES
 RT RADIO FREQUENCY IMPEDANCE
 PROBES

MICROWAVE RADIATION

USE MICROWAVES

MICROWAVE RADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . ACTINOMETERS
 . RADIOMETERS
 . MICROWAVE RADIOMETERS
 MICROWAVE EQUIPMENT
 . MICROWAVE RADIOMETERS

MICROWAVE REFLECTOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . REFLECTOMETERS
 . MICROWAVE REFLECTOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . REFLECTOMETERS
 . MICROWAVE REFLECTOMETERS
 RT KINEMATICS

MICROWAVE RESONANCE

GS RESONANCE
 . MICROWAVE RESONANCE
 RT CAVITY RESONATORS
 HARMONIC ANALYSIS
 NONRESONANCE

MICROWAVE SCANNING BEAM LANDING SYSTEM

UF MSBLS
 GS LANDING AIDS
 . MICROWAVE LANDING SYSTEMS
 . MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 MICROWAVE EQUIPMENT
 . MICROWAVE SCANNING BEAM
 LANDING SYSTEM
 NAVIGATION AIDS

MICROWAVE SCANNING BEAM LANDING--(cont.)

. MICROWAVE SCANNING BEAM
LANDING SYSTEM
RT APPROACH INDICATORS
SPACE SHUTTLE ORBITERS
∞ SYSTEMS

MICROWAVE SCATTERING

GS SCATTERING
. WAVE SCATTERING
. . . ELECTROMAGNETIC SCATTERING
. . . MICROWAVE SCATTERING
RT ATMOSPHERIC SCATTERING
MICROWAVE ABSORPTION
MICROWAVE SIGNATURES
SCATTEROMETERS

MICROWAVE SENSORS

GS MEASURING INSTRUMENTS
. MICROWAVE SENSORS
RT ∞ INSTRUMENTS
RADAR RECEIVERS
∞ SENSORS
SIGNAL DETECTORS
SYNTHETIC APERTURE RADAR

MICROWAVE SIGNATURES

GS SIGNATURES
. SPECTRAL SIGNATURES
. . . MICROWAVE SIGNATURES
RT BACKSCATTERING
MICROWAVE EMISSION
MICROWAVE SCATTERING
MICROWAVES
RADAR SIGNATURES
SIGNATURE ANALYSIS

MICROWAVE SOUNDING

GS SOUNDING
. MICROWAVE SOUNDING
RT IMAGERY
MICROWAVES
ROCKET SOUNDING

MICROWAVE SPECTRA

UF INTERSTELLAR MICROWAVE SPECTRA
SPECTRA
GS RADIATION SPECTRA
. . . ELECTROMAGNETIC SPECTRA
. . . RADIO SPECTRA
. . . . MICROWAVE SPECTRA
RT ABSORPTION SPECTRA
INFRARED SPECTRA
MOLECULAR ROTATION
MOLECULAR SPECTRA
MOLECULAR SPECTROSCOPY

MICROWAVE SPECTROMETERS

GS MEASURING INSTRUMENTS
. SPECTROMETERS
. . . MICROWAVE SPECTROMETERS

MICROWAVE SWITCHING

GS SWITCHING
. MICROWAVE SWITCHING
RT FERROELECTRICITY
GYRATORS
PACKET SWITCHING
PHASE SHIFT
SWITCHING CIRCUITS
WAVEGUIDES

MICROWAVE TRANSMISSION

GS TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. . . RADIO TRANSMISSION
. . . . MICROWAVE TRANSMISSION
. . . SIGNAL TRANSMISSION
. . . RADIO TRANSMISSION
. . . . MICROWAVE TRANSMISSION
RT ACTS
CIRCULAR WAVEGUIDES
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS
DOWNLINKING
FLEET SATELLITE COMMUNICATION
SYSTEM
FREQUENCY REUSE
LASER POWER BEAMING
MICROSTRIP TRANSMISSION LINES
MICROWAVE ABSORPTION
MICROWAVE POWER BEAMING
POWER BEAMING

MICROWAVE TRANSMISSION--(cont.)

SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SPACETENNAS
TELETYPEWRITER SYSTEMS
UPLINKING
VSAT (NETWORK)
WAVE PROPAGATION
WAVEGUIDES

MICROWAVE TUBES

GS ELECTRON TUBES
. VACUUM TUBES
. . . MICROWAVE TUBES
. . . CELESTROSCOPES
. . . CYCLOTRON RESONANCE DEVICES
. . . KLYSTRONS
. . . MAGNETRONS
. . . NIGOTRONS
. . . PLANOTRONS
. . . TRAVELING WAVE TUBES
. . . BACKWARD WAVE TUBES
. . . . HELITRONS
. . . . CARCINOTRONS
MICROWAVE EQUIPMENT
. MICROWAVE TUBES
. . . CELESTROSCOPES
. . . CYCLOTRON RESONANCE DEVICES
. . . KLYSTRONS
. . . MAGNETRONS
. . . NIGOTRONS
. . . PLANOTRONS
. . . TRAVELING WAVE TUBES
. . . BACKWARD WAVE TUBES
. . . . HELITRONS
. . . . CARCINOTRONS
RT DIFFRACTION RADIATION
GAS DISCHARGE TUBES
MICROWAVE OSCILLATORS
OSCILLATORS
PHOTOMULTIPLIER TUBES
PHOTOTUBES
TRIODES
∞ TUBES

MICROWAVES

UF MICROWAVE RADIATION
GS ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . . SHORT WAVE RADIATION
. . . . MICROWAVES
. . . . CENTIMETER WAVES
. . . . DECIMETER WAVES
. . . . MICROWAVE EMISSION
. . . . MILLIMETER WAVES
RT COSMIC NOISE
DIFFRACTION RADIATION
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIO WAVES
INFRARED RADIATION
MICROWAVE ABSORPTION
MICROWAVE FREQUENCIES
MICROWAVE HOLOGRAPHY
MICROWAVE SIGNATURES
MICROWAVE SOUNDING
∞ RADIATION
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SCATTEROMETERS
SUBMILLIMETER WAVES
WHISTLERS

MICROWEIGHING

USE WEIGHT MEASUREMENT

MICROYIELD STRENGTH

GS MECHANICAL PROPERTIES
. YIELD STRENGTH
. . . MICROYIELD STRENGTH
RT ELASTIC PROPERTIES
∞ STRENGTH
STRESSES
YIELD POINT

MICTURITION

USE URINATION

MID-OCEAN RIDGES

UF MID-OCEANIC RIDGES
RT ATLANTIC OCEAN
GEOLOGICAL FAULTS
INDIAN OCEAN
OCEAN BOTTOM

MID-OCEAN RIDGES--(cont.)

OCEANOGRAPHY
PACIFIC OCEAN
∞ RIDGES
SEA FLOOR SPREADING
SEAMOUNTS
SEISMOLOGY

MID-OCEANIC RIDGES

USE MID-OCEAN RIDGES

MIDAIR COLLISIONS

GS COLLISIONS
. MIDAIR COLLISIONS
. . . BIRD-AIRCRAFT COLLISIONS
RT AIR TRAFFIC CONTROL
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
BEACON COLLISION AVOIDANCE
SYSTEM
COLLISION AVOIDANCE
CRASHES
FLIGHT HAZARDS
FLIGHT SAFETY
PILOT ERROR
THREAT EVALUATION

MIDALTITUDE

GS ALTITUDE
. MIDALTITUDE
RT FLIGHT ALTITUDE
HIGH ALTITUDE
LOW ALTITUDE

MIDAS SATELLITES

GS ARTIFICIAL SATELLITES
. MIDAS SATELLITES
. . . MIDAS 2 SATELLITE
. . . MIDAS 3 SATELLITE
. . . MIDAS 4 SATELLITE
. . . MIDAS 5 SATELLITE
. . . MIDAS 6 SATELLITE
. . . MIDAS 7 SATELLITE
MILITARY SPACECRAFT
. RECONNAISSANCE SPACECRAFT
. . . MIDAS SATELLITES
. . . MIDAS 2 SATELLITE
. . . MIDAS 3 SATELLITE
. . . MIDAS 4 SATELLITE
. . . MIDAS 5 SATELLITE
. . . MIDAS 6 SATELLITE
. . . MIDAS 7 SATELLITE
RT ATLAS AGENA B LAUNCH VEHICLE

MIDAS 2 SATELLITE

GS ARTIFICIAL SATELLITES
. MIDAS SATELLITES
. . . MIDAS 2 SATELLITE
MILITARY SPACECRAFT
. RECONNAISSANCE SPACECRAFT
. . . MIDAS SATELLITES
. . . MIDAS 2 SATELLITE

MIDAS 3 SATELLITE

GS ARTIFICIAL SATELLITES
. MIDAS SATELLITES
. . . MIDAS 3 SATELLITE
MILITARY SPACECRAFT
. RECONNAISSANCE SPACECRAFT
. . . MIDAS SATELLITES
. . . MIDAS 3 SATELLITE

MIDAS 4 SATELLITE

GS ARTIFICIAL SATELLITES
. MIDAS SATELLITES
. . . MIDAS 4 SATELLITE
MILITARY SPACECRAFT
. RECONNAISSANCE SPACECRAFT
. . . MIDAS SATELLITES
. . . MIDAS 4 SATELLITE

MIDAS 5 SATELLITE

GS ARTIFICIAL SATELLITES
. MIDAS SATELLITES
. . . MIDAS 5 SATELLITE
MILITARY SPACECRAFT
. RECONNAISSANCE SPACECRAFT
. . . MIDAS SATELLITES
. . . MIDAS 5 SATELLITE

MIDAS 6 SATELLITE

GS ARTIFICIAL SATELLITES
. MIDAS SATELLITES

MIDAS 6 SATELLITE--(cont.)

.. **MIDAS 6 SATELLITE**
 . MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . MIDAS SATELLITES
 ... **MIDAS 6 SATELLITE**

MIDAS 7 SATELLITE

GS ARTIFICIAL SATELLITES
 . MIDAS SATELLITES
 . **MIDAS 7 SATELLITE**
 . MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . MIDAS SATELLITES
 ... **MIDAS 7 SATELLITE**

MIDCOURSE GUIDANCE

GS GUIDANCE (MOTION)
 . **MIDCOURSE GUIDANCE**
 RT COMMAND GUIDANCE
 INERTIAL GUIDANCE
 INJECTION GUIDANCE
 RENDEZVOUS GUIDANCE
 SPACECRAFT GUIDANCE
 TERMINAL GUIDANCE
 TRANSEARTH INJECTION
 TRANSLUNAR INJECTION

MIDCOURSE TRAJECTORIES

GS TRAJECTORIES
 . **MIDCOURSE TRAJECTORIES**
 RT ASCENT TRAJECTORIES
 BALLISTIC TRAJECTORIES
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 PARABOLIC FLIGHT

MIDDLE ATMOSPHERE

GS EARTH ATMOSPHERE
 . **MIDDLE ATMOSPHERE**
 . MESOSPHERE
 . MESOPAUSE
 . STRATOSPHERE
 . OZONOSPHERE
 . STRATOPAUSE
 RT AIR
 AIR POLLUTION
 ∞ ATMOSPHERES
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC CIRCULATION
 ATMOSPHERIC COMPOSITION
 CHEMOSPHERE
 CLIMATOLOGY
 EQUATORIAL ATMOSPHERE
 FREE ATMOSPHERE
 HETEROSPHERE
 HOMOSPHERE
 LOWER ATMOSPHERE
 MIDLATITUDE ATMOSPHERE
 TROPOPAUSE
 UPPER ATMOSPHERE
 ZONAL FLOW (METEOROLOGY)

MIDDLE EAR

GS ANATOMY
 . SENSE ORGANS
 . EAR
 . **MIDDLE EAR**
 RT SEMICIRCULAR CANALS

MIDDLE EAR PRESSURE

GS PRESSURE
 . **MIDDLE EAR PRESSURE**
 RT EAR PRESSURE TEST
 EARDRUMS

MIDLATITUDE ATMOSPHERE

GS EARTH ATMOSPHERE
 . **MIDLATITUDE ATMOSPHERE**
 ENVIRONMENTS
 . **MIDLATITUDE ATMOSPHERE**
 RT EARTH IONOSPHERE
 MIDDLE ATMOSPHERE
 SPORADIC E LAYER

MIDLATITUDES

USE TEMPERATE REGIONS

MIE SCATTERING

UF MIE THEORY
 GS SCATTERING
 . WAVE SCATTERING
 . ELECTROMAGNETIC SCATTERING
 ... **MIE SCATTERING**

MIE SCATTERING--(cont.)

... RAYLEIGH SCATTERING

MIE THEORY

USE MIE SCATTERING

MIG AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **MIG AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **MIG AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **MIG AIRCRAFT**
 RT ∞ AIRCRAFT

MIGRATION

RT BEHAVIOR
 PHENOLOGY
 WATERFOWL

MIL AIRCRAFT

RT ∞ AIRCRAFT

MILANKOVITCH THEORY

USE CLIMATOLOGY

MILITARY AIR FACILITIES

UF AIRCRAFT BASES
 RT AIR TRAFFIC CONTROL
 ∞ AIRCRAFT
 AIRCRAFT CARRIERS
 AIRPORTS
 ∞ FACILITIES
 ∞ FIELDS
 HANGARS
 HELIPORTS
 LANDING AIDS
 LANDING MATS
 NAVIGATION AIDS
 STATIONS

∞ MILITARY AIRCRAFT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF BOEING MILITARY AIRCRAFT
 CESSNA MILITARY AIRCRAFT
 CHANCE-VOUGHT MILITARY AIRCRAFT
 CONVAIR MILITARY AIRCRAFT
 CURTISS-WRIGHT MILITARY AIRCRAFT
 FAIRCHILD MILITARY AIRCRAFT
 HILLER MILITARY AIRCRAFT
 REPUBLIC MILITARY AIRCRAFT
 RT A-37 AIRCRAFT
 AH-1G HELICOPTER
 AH-63 HELICOPTER
 AH-64 HELICOPTER
 ∞ AIRCRAFT
 AIRCRAFT CARRIERS
 AIRCRAFT SURVIVABILITY
 AIRSHIPS
 ALPHA JET AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 ARMED FORCES
 ARMED FORCES (FOREIGN)
 ARMED FORCES (UNITED STATES)
 ATTACK AIRCRAFT
 ATTACKING (ASSAULTING)
 AWACS AIRCRAFT
 B-1 AIRCRAFT
 B-2 AIRCRAFT
 BOMBER AIRCRAFT
 C-1A AIRCRAFT
 CARGO AIRCRAFT
 CH-62 HELICOPTER
 CL-600 CHALLENGER AIRCRAFT
 DRONE AIRCRAFT
 DRONE VEHICLES
 E-2 AIRCRAFT
 E-3A AIRCRAFT
 E-4A AIRCRAFT
 FIGHTER AIRCRAFT
 FIREBEE 2 TARGET DRONE AIRCRAFT
 FV-12A AIRCRAFT
 GLIDERS
 GROUND EFFECT MACHINES
 H-60 HELICOPTER
 HARRIER AIRCRAFT
 HELICOPTERS
 JAGUAR AIRCRAFT
 JET AIRCRAFT
 LIGHT AIRCRAFT
 ∞ MILITARY AVIATION
 MILITARY HELICOPTERS

MILITARY AIRCRAFT--(cont.)

MRCA AIRCRAFT
 NUCLEAR PROPELLED AIRCRAFT
 OBSERVATION AIRCRAFT
 PANAVIA MILITARY AIRCRAFT
 PASSENGER AIRCRAFT
 PILOTLESS AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT
 ROTARY WING AIRCRAFT
 S-3 AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 SR-71 AIRCRAFT
 SUBMERSIBLE AIRCRAFT
 TAILLESS AIRCRAFT
 TANKER AIRCRAFT
 TARGET DRONE AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 TRAINING AIRCRAFT
 TRANSPORT AIRCRAFT
 UTILITY AIRCRAFT
 V-22 AIRCRAFT
 V/STOL AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 WEAPON SYSTEMS
 YC-14 AIRCRAFT
 YF-12 AIRCRAFT
 YF-16 AIRCRAFT

∞ MILITARY AVIATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ∞ AERONAUTICS
 AIR LAW
 ARMED FORCES
 AVIATION METEOROLOGY
 BOMBER AIRCRAFT
 FIGHTER AIRCRAFT
 ∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT

MILITARY COMPACT REACTORS

UF MCR REACTORS
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . LIQUID METAL COOLED REACTORS
 . **MILITARY COMPACT REACTORS**
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . **MILITARY COMPACT REACTORS**

MILITARY HELICOPTERS

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . **MILITARY HELICOPTERS**
 . . . AH-1G HELICOPTER
 . . . AH-64 HELICOPTER
 . . . BELL 214A HELICOPTER
 . . . BO-105 HELICOPTER
 . . . CH-3 HELICOPTER
 . . . CH-21 HELICOPTER
 . . . CH-34 HELICOPTER
 . . . CH-46 HELICOPTER
 . . . CH-47 HELICOPTER
 . . . CH-54 HELICOPTER
 . . . H-19 HELICOPTER
 . . . H-43 HELICOPTER
 . . . H-53 HELICOPTER
 . . . H-54 HELICOPTER
 . . . H-56 HELICOPTER
 . . . H-60 HELICOPTER
 . . . HC-3 HELICOPTER
 . . . HEAVY LIFT HELICOPTERS
 . . . CH-62 HELICOPTER
 . . . HH-43 HELICOPTER
 . . . OH-4 HELICOPTER
 . . . OH-5 HELICOPTER
 . . . OH-6 HELICOPTER
 . . . OH-13 HELICOPTER
 . . . OH-23 HELICOPTER
 . . . OH-58 HELICOPTER
 . . . P-531 HELICOPTER
 . . . QH-50 HELICOPTER
 . . . S-58 HELICOPTER
 . . . S-61 HELICOPTER
 . . . SA-321 HELICOPTER
 . . . SA-330 HELICOPTER
 . . . SH-3 HELICOPTER
 . . . SH-4 HELICOPTER
 . . . SIKORSKY WHIRLWIND
 HELICOPTER
 . . . UH-1 HELICOPTER
 . . . UH-2 HELICOPTER

MILITARY HELICOPTERS--(cont.)

- ... UH-34 HELICOPTER
- ... UH-60A HELICOPTER
- ... UH-61A HELICOPTER
- ... WESTLAND WHIRLWIND HELICOPTER
- ... XV-9A AIRCRAFT
- RT ∞ AIRCRAFT
- ATTACK AIRCRAFT
- LIGHT HELICOPTERS
- ∞ MILITARY AIRCRAFT
- RECONNAISSANCE AIRCRAFT

MILITARY OPERATIONS

- GS **MILITARY OPERATIONS**
- ... COMBAT
- ... ELECTRONIC WARFARE
- RT DEPLOYMENT
- TACTICS
- TANKS (COMBAT VEHICLES)

MILITARY PSYCHIATRY

- USE MILITARY PSYCHOLOGY

MILITARY PSYCHOLOGY

- UF MILITARY PSYCHIATRY
- GS PSYCHOLOGY
- ... **MILITARY PSYCHOLOGY**
- RT AVIATION PSYCHOLOGY
- PSYCHIATRY
- PSYCHOLOGICAL EFFECTS
- PSYCHOLOGICAL TESTS
- PSYCHOMETRICS
- SPACE PSYCHOLOGY

MILITARY SPACECRAFT

- GS **MILITARY SPACECRAFT**
- ... DMSP SATELLITES
- ... RECONNAISSANCE SPACECRAFT
- ... INSPECTOR SATELLITE
- ... MIDAS SATELLITES
- ... MIDAS 2 SATELLITE
- ... MIDAS 3 SATELLITE
- ... MIDAS 4 SATELLITE
- ... MIDAS 5 SATELLITE
- ... MIDAS 6 SATELLITE
- ... MIDAS 7 SATELLITE
- ... PHOTO RECONNAISSANCE SPACECRAFT
- ... SAMOS
- ... VELA SATELLITES
- RT AEROSPACE PLANES
- ARMED FORCES
- ARTIFICIAL SATELLITES
- COLUMBUS SPACE STATION
- EVASIVE SATELLITES
- MANNED SPACECRAFT
- METEOROLOGICAL SATELLITES
- ∞ MILITARY VEHICLES
- NAVIGATION SATELLITES
- RECOVERABLE SPACECRAFT
- RENDEZVOUS SPACECRAFT
- SATELLITE NETWORKS
- SPACE STATIONS
- SPACE SURVEILLANCE (SPACEBORNE)
- ∞ SPACECRAFT
- SYNCHRONOUS SATELLITES
- UNMANNED SPACECRAFT
- WEAPON SYSTEMS

MILITARY TECHNOLOGY

- GS TECHNOLOGIES
- ... **MILITARY TECHNOLOGY**
- RT ANTIMISSILE DEFENSE
- ANTIRADIATION MISSILES
- ANTISUBMARINE WARFARE
- ARMED FORCES (FOREIGN)
- ARMED FORCES (UNITED STATES)
- ARMY-NAVY INSTRUMENTATION PROGRAM
- AWACS AIRCRAFT
- BALLISTIC MISSILE EARLY WARNING SYSTEM
- DEFENSE COMMUNICATIONS SYSTEM (DCS)
- DEFENSE INDUSTRY
- DEFENSE PROGRAM
- DEPLOYMENT
- FLEET SATELLITE COMMUNICATION SYSTEM
- INTERSERVICE DATA EXCHANGE PROGRAM
- LASER WEAPONS
- LOGISTICS OVER THE SHORE (LOTS) CARRIER

MILITARY TECHNOLOGY--(cont.)

- MISSILE DEFENSE
- OPTICAL COUNTERMEASURES
- RADAR HOMING MISSILES
- SAFEGUARD SYSTEM
- TACTICS
- WEAPONS
- WEAPONS DELIVERY
- WEAPONS INDUSTRY

MILITARY VEHICLES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AEROQUATIC VEHICLES
- AIRCRAFT CARRIERS
- AMBULANCES
- AMPHIBIOUS VEHICLES
- ARMED FORCES
- ARMED FORCES (FOREIGN)
- ARMED FORCES (UNITED STATES)
- AUTOMOBILES
- BOATS
- MILITARY SPACECRAFT
- RECOVERY VEHICLES
- RESEARCH VEHICLES
- SHIPS
- SUBMARINES
- TANKS (COMBAT VEHICLES)
- TRUCKS
- UNDERWATER VEHICLES
- ∞ VEHICLES
- WATER VEHICLES

MILK

- RT BEVERAGES
- ∞ FOOD

MILKY WAY GALAXY

- GS CELESTIAL BODIES
- ... GALAXIES
- ... SPIRAL GALAXIES
- ... **MILKY WAY GALAXY**
- RT GALACTIC BULGE
- ORION NEBULA
- RADIO SOURCES (ASTRONOMY)
- SOLAR NEIGHBORHOOD
- STARS

MILLET

- GS FARM CROPS
- ... GRAINS (FOOD)
- ... **MILLET**
- ... PLANTS (BOTANY)
- ... **MILLET**
- RT EARTH RESOURCES
- FLOUR (FOOD)
- ∞ FOOD
- GRASSES

MILLIMETER WAVES

- GS ELECTROMAGNETIC RADIATION
- ... RADIO WAVES
- ... SHORT WAVE RADIATION
- ... MICROWAVES
- ... **MILLIMETER WAVES**
- RT BEAM PLASMA AMPLIFIERS
- C BAND
- CN EMISSION
- CYCLOTRON RESONANCE DEVICES
- DECIMETER WAVES
- ELECTROMAGNETIC NOISE
- EXTRATERRESTRIAL RADIO WAVES
- EXTREMELY HIGH FREQUENCIES
- FREQUENCIES
- SOLAR RADIO EMISSION
- SUBMILLIMETER WAVES
- WAVELENGTHS

MILLING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT COMMINUTION
- COMPOUNDING
- MILLING (MACHINING)

MILLING (MACHINING)

- GS CUTTING
- ... **MILLING (MACHINING)**
- ... MACHINING
- ... **MILLING (MACHINING)**
- RT CHEMICAL MACHINING
- GROOVING
- METAL CUTTING

MILLING (MACHINING)--(cont.)

- MILLING MACHINES
- PLANING

MILLING (MIXING)

- USE COMPOUNDING

MILLING MACHINES

- GS TOOLS
- ... MACHINE TOOLS
- ... **MILLING MACHINES**
- RT GRINDING MACHINES
- ∞ MACHINERY
- SHAPERS

MILLIVOLTMETERS

- GS MEASURING INSTRUMENTS
- ... VOLTMETERS
- ... **MILLIVOLTMETERS**
- RT GALVANOMETERS

MILLS RATIO

- GS RATIOS
- ... **MILLS RATIO**
- RT FAILURE
- FAILURE ANALYSIS
- LIFE (DURABILITY)
- MORTALITY
- PROBABILITY DENSITY FUNCTIONS
- STATISTICAL ANALYSIS

MILNE METHOD

- GS ANALYSIS (MATHEMATICS)
- ... NUMERICAL ANALYSIS
- ... APPROXIMATION
- ... **MILNE METHOD**
- RT DIFFERENTIAL EQUATIONS
- ∞ METHODOLOGY

MILNE-THOMSON METHOD

- RT INCOMPRESSIBLE FLOW
- ∞ METHODOLOGY
- NAVIER-STOKES EQUATION
- VISCOUS FLOW

MIM (SEMICONDUCTORS)

- UF METAL-INSULATOR-METAL SEMICONDUCTORS
- GS ELECTRONIC EQUIPMENT
- ... SOLID STATE DEVICES
- ... SEMICONDUCTOR DEVICES
- ... **MIM (SEMICONDUCTORS)**
- SEMICONDUCTORS (MATERIALS)
- ... **MIM (SEMICONDUCTORS)**
- RT SIS (SEMICONDUCTORS)

MIM DIODES

- UF METAL-INSULATOR-METAL DIODES
- GS ELECTRONIC EQUIPMENT
- ... SOLID STATE DEVICES
- ... SEMICONDUCTOR DEVICES
- ... JUNCTION DIODES
- ... **MIM DIODES**
- RT ELECTRON TUNNELING
- MSM (SEMICONDUCTORS)
- NEGATIVE RESISTANCE DEVICES
- SEMICONDUCTOR DIODES
- TUNNEL DIODES

MIMAS

- GS CELESTIAL BODIES
- ... NATURAL SATELLITES
- ... ICY SATELLITES
- ... **MIMAS**
- ... SATURN SATELLITES
- ... **MIMAS**
- RT SATURN (PLANET)

MIMD (COMPUTERS)

- UF MULTIPLE INSTRUCTION MULTIPLE DATA STREAM
- GS DATA PROCESSING EQUIPMENT
- ... COMPUTERS
- ... DIGITAL COMPUTERS
- ... PARALLEL COMPUTERS
- ... **MIMD (COMPUTERS)**
- RT ARCHITECTURE (COMPUTERS)
- COMPUTER DESIGN
- COMPUTER PROGRAMMING
- CONCURRENT PROCESSING
- INTERPROCESSOR COMMUNICATION
- OPERATING SYSTEMS (COMPUTERS)
- PARALLEL PROCESSING (COMPUTERS)
- SIMD (COMPUTERS)

MIMO (CONTROL SYSTEMS)

- UF MULTIPLE INPUT MULTIPLE OUTPUT
- RT ∞ CONTROL
 - CONTROL STABILITY
 - CONTROL SYSTEMS DESIGN
 - CONTROL THEORY
 - FEEDBACK CONTROL
- ∞ SYSTEMS
 - SYSTEMS STABILITY

MINE DETECTORS

- GS WARNING SYSTEMS
 - MINE DETECTORS**
- RT ∞ DETECTORS
 - WARNING

MINER RULE

- USE PALMGREN-MINER RULE

MINERAL DEPOSITS

- RT CONTACTS (GEOLOGY)
- DREDGING
- EARTH RESOURCES
- EXCAVATION
- GEOLOGY
- LUNAR MINING
- MINERALOGY
- MINERALS
- MINES (EXCAVATIONS)
- MINING
- RESERVES
- STRIP MINING
- UNDERWATER RESOURCES

MINERAL EXPLORATION

- GS EXPLORATION
 - MINERAL EXPLORATION**
- RT ANTHRACITE
- EXCAVATION
- MINERALS
- MINES (EXCAVATIONS)
- MINING

MINERAL METABOLISM

- GS METABOLISM
 - MINERAL METABOLISM**
- RT BODY FLUIDS
- CALORIC REQUIREMENTS
- ENDOCRINE SYSTEMS
- SECRETIONS

MINERAL OILS

- GS OILS
 - MINERAL OILS**
- RT LUBRICATING OILS

MINERALOGY

- RT CHONDRULE
- CRYSTALLOGRAPHY
- GEOCHEMISTRY
- GEOLOGY
- MINERAL DEPOSITS
- MINERALS
- PETROLOGY
- ∞ PHYSICAL SCIENCES

MINERALS

- UF APATITES
- ORES
- GS **MINERALS**
 - AKERMANITE
 - AMPHIBOLES
 - ANATASE
 - ARAGONITE
 - ASBESTOS
 - BARITE
 - BASTNASITE
 - BERYL
 - ALEXANDRITE
 - BLOEDITE
 - BRUCITE
 - CALCITE
 - CHROMITES
 - COHENITE
 - CORDIERITE
 - CRYOLITE
 - DAWSONITE
 - DOLOMITE (MINERAL)
 - EUXENITE
 - FAYALITE
 - FELDSPARS
 - FLUORITE
 - FLUORSPAR
 - GARNETS
 - GADOLINIUM-GALLIUM GARNET

MINERALS--(cont.)

- YTTRIUM-ALUMINUM GARNET
- YTTRIUM-IRON GARNET
- GEHLENITE
- GRAPHITE
- PYROLYTIC GRAPHITE
- GYPSSUM
- HEXAHEDRITE
- ILLITE
- ILMENITE
- IRON ORES
- HEMATITE
- KAMACITE
- KAOLINITE
- KREEP
- LI-MONITE
- MAGNETITE
- MERWINITE
- MICA
- BIOTITE
- FLUOROPHLOGOPITE
- MUSCOVITE
- MONTICELLITE
- MONTMORILLONITE
- NEPHELINE
- NEPHELITE
- OLIVINE
- FORSTERITE
- PEROVSKITES
- PROUSTITE
- PYRITES
- PYROPHYLLITE
- PYROXENES
- ENSTATITE
- PYRRHOTITE
- TROILITE
- QUARTZ
- COESITE
- STISHOVITE
- SCHHEELITE
- SCHREIBERSITE
- SERPENTINE
- SIDERITES
- SPINEL
- SPODUMENE
- TALC
- TOURMALINE
- VERMICULITE
- WURTZITE
- ZINCBLENDE
- RT ALUMINUM SILICATES
- ANDESITE
- BAUXITE
- BENEFICIATION
- BIOGEOCHEMISTRY
- BONE MINERAL CONTENT
- BOREHOLES
- CALCIUM SILICATES
- CRYSTALLITES
- DIORITE
- DUNITE
- EARTH RESOURCES
- FELSITE
- FLUOROSILICATES
- GEOLOGY
- IGNEOUS ROCKS
- IMPACT MELTS
- LAVA
- LIMESTONE
- LUNAR SOIL
- MINERAL DEPOSITS
- MINERAL EXPLORATION
- MINERALOGY
- MONAZITE SANDS
- MULLITES
- ∞ NUTRIENTS
- OBSIDIAN
- POTASSIUM SILICATES
- ROCKS
- RUTILE
- SHALES
- SILICATES
- SODIUM SILICATES
- SOILS
- UNDERGROUND ACOUSTICS
- ZEOLITES

∞ MINES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT MINES (EXCAVATIONS)
- MINES (ORDNANCE)

MINES (EXCAVATIONS)

- UF QUARRIES
- RT CORE SAMPLING
- DRAINAGE
- EXPLOITATION
- EXPLORATION
- LUNAR MINING
- MATERIALS HANDLING
- MINERAL DEPOSITS
- MINERAL EXPLORATION
- ∞ MINES
 - MINING
 - PITS (EXCAVATIONS)
 - RESERVES
 - STRATIGRAPHY
 - STRIP MINING
 - SUBSIDENCE
 - UNDERGROUND EXPLOSIONS
 - UNDERGROUND STORAGE
 - UNDERGROUND STRUCTURES
 - WASTE DISPOSAL

MINES (ORDNANCE)

- GS WEAPONS
 - MINES (ORDNANCE)**
- RT AMMUNITION
- ∞ MINES

MINIATURE ELECTRONIC EQUIPMENT

- GS ELECTRONIC EQUIPMENT
 - MINIATURE ELECTRONIC EQUIPMENT**
- RT CIRCUITS
 - ∞ ELECTRIC EQUIPMENT
 - ELECTRONIC MODULES
 - ∞ EQUIPMENT
 - MICROMINIATURIZATION
 - MICROMINIATURIZED ELECTRONIC DEVICES
 - MICROMODULES
 - MINIATURIZATION
 - MOLECULAR ELECTRONICS
 - PRINTED CIRCUITS
 - SOLID STATE DEVICES
 - SUBMINIATURIZATION
 - THIN FILMS

MINIATURIZATION

- GS **MINIATURIZATION**
 - MICROMINIATURIZATION
 - SUBMINIATURIZATION
- RT CIRCUITS
- MINIATURE ELECTRONIC EQUIPMENT
- PRINTED CIRCUITS
- PRINTED RESISTORS
- TRANSISTORS
- WAFERS

MINICOMPUTERS

- GS DATA PROCESSING EQUIPMENT
 - COMPUTERS
 - DIGITAL COMPUTERS
 - MINICOMPUTERS**
 - NOVA COMPUTERS
- RT AIRBORNE/SPACEBORNE COMPUTERS
- ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
- MICROCOMPUTERS

MINIMA

- GS ANALYSIS (MATHEMATICS)
 - REAL VARIABLES
 - EXTREMUM VALUES
 - MINIMA**
- RT CUSPS (MATHEMATICS)
- DIFFERENTIAL CALCULUS
- MAXIMA
- OPERATIONS RESEARCH
- OPTIMIZATION
- PENALTY FUNCTION
- RANGE (EXTREMES)
- STEEPEST DESCENT METHOD

MINIMAL SURFACES

- RT BOUNDARY VALUE PROBLEMS
- CONFORMAL MAPPING
- FINITE ELEMENT METHOD
- ∞ SURFACES

MINIMAX TECHNIQUE

- RT APPROXIMATION
- CURVE FITTING
- GAME THEORY
- OPERATIONS RESEARCH
- RESEARCH
- SADDLE POINTS

MINIMIZATION

USE OPTIMIZATION

MINIMUM DRAG

GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **MINIMUM DRAG**
 RT AIRCRAFT PERFORMANCE
 FRICTION DRAG

MINIMUM ENTROPY METHOD

GS ENTROPY (STATISTICS)
 . **MINIMUM ENTROPY METHOD**
 RT ∞ METHODOLOGY

MINIMUM VARIANCE ORBIT DETERMINATION

UF MINIVAR ORBIT DETERMINATION
 GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . . ORBITAL MECHANICS
 . . . **MINIMUM VARIANCE ORBIT DETERMINATION**
 COMPUTATION
 . ORBIT CALCULATION
 . . **MINIMUM VARIANCE ORBIT DETERMINATION**
 RT STATISTICAL ANALYSIS

MINING

GS **MINING**
 . LUNAR MINING
 . STRIP MINING
 RT ANTHRACITE
 CLAYS
 DREDGING
 ENERGY POLICY
 EXCAVATION
 EXPLOITATION
 MINERAL DEPOSITS
 MINERAL EXPLORATION
 MINES (EXCAVATIONS)
 UNDERGROUND STRUCTURES

MINITRACK OPTICAL TRACKING SYSTEM

USE MINTRACK SYSTEM

MINITRACK SYSTEM

UF MINTRACK OPTICAL TRACKING SYSTEM
 MOTS (TRACKING SYSTEM)
 RT GLOBAL TRACKING NETWORK
 OPTICAL TRACKING
 SATELLITE TRACKING
 SPACE DETECTION AND TRACKING
 SYSTEM
 SPACE SURVEILLANCE (GROUND
 BASED)
 SPACECRAFT TRACKING
 STDN (NETWORK)
 ∞ SYSTEMS
 TRACKING NETWORKS
 TRACKING STATIONS
 ∞ TRACKS

MINIVAR ORBIT DETERMINATION

USE MINIMUM VARIANCE ORBIT DETERMINATION

MINKOWSKI SPACE

RT FEYNMAN DIAGRAMS
 LIGHT-CONE EXPANSION
 PROBABILITY THEORY
 SPACE-TIME FUNCTIONS

MINNESOTA

GS NATIONS
 . UNITED STATES
 . . **MINNESOTA**

MINOR CIRCLE TURNING FLIGHT

GS TURNING FLIGHT
 . **MINOR CIRCLE TURNING FLIGHT**
 RT AIRCRAFT CONTROL
 MANEUVERS

MINOR PLANET 1221

USE AMOR ASTEROID

MINOR PLANET 2060

USE CHIRON

MINOR PLANETS

USE ASTEROIDS

MINORITIES

RT AMERICAN INDIANS
 ANTHROPOLOGY
 COMMUNITIES
 CULTURE (SOCIAL SCIENCES)
 NATIONS
 RACES (ANTHROPOLOGY)
 SOCIOLOGY
 VOTING

MINORITY CARRIERS

GS CHARGE CARRIERS
 . **MINORITY CARRIERS**
 RT ADDITIVES
 BIPOLAR TRANSISTORS
 CARRIER INJECTION
 CARRIER LIFETIME
 DIFFUSION LENGTH
 ELECTRON MOBILITY
 ELECTRONS
 HOLES (ELECTRON DEFICIENCIES)
 SEMICONDUCTORS (MATERIALS)

MINOS COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **MINOS COMPUTER**

MINUTEMAN ICBM

UF MINUTEMAN MISSILES
 GS MISSILES
 . BALLISTIC MISSILES
 . . INTERCONTINENTAL BALLISTIC
 MISSILES
 . . . **MINUTEMAN ICBM**
 . SURFACE TO SURFACE MISSILES
 . . INTERCONTINENTAL BALLISTIC
 MISSILES
 . . . **MINUTEMAN ICBM**
 RT M-55 ENGINE
 M-56 ENGINE
 M-57 ENGINE
 MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES
 SPACE WEAPONS

MINUTEMAN MISSILES

USE MINUTEMAN ICBM

MIOSIS

RT EYE (ANATOMY)
 OPHTHALMOLOGY
 TETRAD THEORY
 VISION

MIR SPACE STATION

GS ARTIFICIAL SATELLITES
 . SPACE STATIONS
 . . **MIR SPACE STATION**
 MANNED SPACECRAFT
 . **MIR SPACE STATION**
 SOVIET SPACECRAFT
 . **MIR SPACE STATION**
 STATIONS
 . SPACE STATIONS
 . . **MIR SPACE STATION**
 RT SPACE BASES
 SPACE LABORATORIES
 SPACECRAFT DOCKING
 U.S.S.R. SPACE PROGRAM

MIRA CETI STAR

USE OMICRON CETI STAR

MIRA VARIABLES

UF LONG PERIOD VARIABLES
 GS CELESTIAL BODIES
 . STARS
 . . LATE STARS
 . . . COOL STARS
 **MIRA VARIABLES**
 OMICRON CETI STAR
 VARIABLE STARS
 **MIRA VARIABLES**
 OMICRON CETI STAR
 RT ASYMPTOTIC GIANT BRANCH STARS
 CARBON STARS
 M STARS
 RED GIANT STARS
 S STARS
 STELLAR OSCILLATIONS
 SUPERGIANT STARS

MIRAGE AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . **MIRAGE AIRCRAFT**
 . . . MIRAGE 3 AIRCRAFT
 DASSAULT AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 JET AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 MONOPLANES
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 OBSERVATION AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 SINGLE ENGINE AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . **MIRAGE AIRCRAFT**
 . . MIRAGE 3 AIRCRAFT

MIRAGE 3 AIRCRAFT

UF DASSAULT MIRAGE 3 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . MIRAGE AIRCRAFT
 . . . **MIRAGE 3 AIRCRAFT**
 DASSAULT AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 JET AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 MONOPLANES
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . MIRAGE AIRCRAFT
 . . **MIRAGE 3 AIRCRAFT**
 TAILLESS AIRCRAFT
 . **MIRAGE 3 AIRCRAFT**

MIRANDA

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . URANUS SATELLITES
 . . . **MIRANDA**
 RT URANUS (PLANET)

MIRANDA SATELLITE

GS ARTIFICIAL SATELLITES
 . SYNCHRONOUS SATELLITES
 . . **MIRANDA SATELLITE**
 RT ATTITUDE CONTROL

MIROS SYSTEM

UF MODULATING RETRODIRECTIVE OPTICS
 GS MODULATION
 . LIGHT MODULATION
 . . **MIROS SYSTEM**
 RT OPTICAL MEASURING INSTRUMENTS
 ∞ SYSTEMS

MIRROR FUSION

RT FUSION REACTORS
 MAGNETIC MIRRORS
 NUCLEAR FUSION
 PLASMA CONTROL
 TANDEM MIRRORS
 THERMAL BARRIERS (PLASMA
 CONTROL)

MIRROR POINT

RT MAGNETIC MIRRORS
 RADIATION BELTS

MIRRORS

GS **MIRRORS**
 . TELESCOPES
 . ETALONS

MIRRORS--(cont.)

- . FRESNEL REFLECTORS
- . MAGNETIC MIRRORS
- . TANDEM MIRRORS
- . PARABOLOID MIRRORS
- . ROTATING MIRRORS
- . SOLETTAS
- RT CASSEGRAIN OPTICS
- CIRCUMSOLAR TELESCOPES
- COLLIMATORS
- HELIOSTATS
- OPTICAL EQUIPMENT
- OPTICAL MATERIALS
- OPTICAL RESONATORS
- ∞ OPTICS
- REFLECTING TELESCOPES
- REFLECTORS
- SOLAR COLLECTORS
- SOLAR REFLECTORS
- SPECULAR REFLECTION
- TELESCOPES

MIS (SEMICONDUCTORS)

- UF METAL INSULATOR SEMICONDUCTORS
- GS ELECTRONIC EQUIPMENT
- . SOLID STATE DEVICES
- . SEMICONDUCTOR DEVICES
- . MIS (SEMICONDUCTORS)
- SEMICONDUCTORS (MATERIALS)
- . MIS (SEMICONDUCTORS)
- RT SIS (SEMICONDUCTORS)

MISALIGNMENT

- SN (EXCLUDES PSYCHOLOGICAL DISORIENTATION)
- UF MISORIENTATION
- RT ATTITUDE (INCLINATION)
- DISORIENTATION
- POSITION (LOCATION)

MISCIBILITY

- USE SOLUBILITY

MISCIBILITY GAP

- RT PHASE SEPARATION (MATERIALS)
- SOLUBILITY
- SPACE PROCESSING
- TEMPERATURE DEPENDENCE

MISFETS

- USE FIELD EFFECT TRANSISTORS

MISMATCH (ELECTRICAL)

- RT ELECTRICAL MEASUREMENT
- IMPEDANCE MEASUREMENT
- MATCHING

MISORIENTATION

- USE MISALIGNMENT

MISS DISTANCE

- GS DISTANCE
- . MISS DISTANCE
- RT ACCURACY
- AIR TO SURFACE MISSILES

MISSILE ANTENNAS

- GS ANTENNAS
- . MISSILE ANTENNAS
- MISSILE COMPONENTS
- . MISSILE ANTENNAS
- RT AIRCRAFT ANTENNAS
- DIRECTIONAL ANTENNAS
- MICROWAVE ANTENNAS

MISSILE BODIES

- UF MISSILE CASES
- GS MISSILE COMPONENTS
- . MISSILE BODIES
- RT AIRFRAMES
- AXISYMMETRIC BODIES
- BLUNT BODIES
- ∞ BODIES
- CASES (CONTAINERS)
- FINNED BODIES
- ROCKET ENGINE CASES
- SLENDER BODIES
- STREAMLINED BODIES

MISSILE CASES

- USE MISSILE BODIES

MISSILE COMPONENTS

- GS MISSILE COMPONENTS

MISSILE COMPONENTS--(cont.)

- . MISSILE ANTENNAS
- . MISSILE BODIES
- RT ∞ COMPONENTS
- ENGINES
- FINNS
- NOSE CONES
- WARHEADS
- WINGS

MISSILE CONFIGURATIONS

- GS MISSILE CONFIGURATIONS
- . SANDPIPER TARGET MISSILE
- RT AERODYNAMIC CONFIGURATIONS
- AIRCRAFT CONFIGURATIONS
- ∞ CONFIGURATIONS
- HAMMERHEAD CONFIGURATION
- LAUNCH VEHICLE CONFIGURATIONS
- MISSILES
- MULTIENGINE VEHICLES
- PATRIOT MISSILE
- PROPULSION SYSTEM CONFIGURATIONS
- ROCKET ENGINES
- ROCKET VEHICLES

MISSILE CONSTRUCTION

- USE MISSILE STRUCTURES

MISSILE CONTROL

- UF MISSILE GUIDANCE
- MISSILE STABILIZATION
- RT ACTUATORS
- ANALOG COMPUTERS
- ATTITUDE CONTROL
- AUTOMATIC CONTROL
- AUTOMATIC FLIGHT CONTROL
- BEAM RIDER GUIDANCE
- ∞ CONTROL
- DIRECTIONAL CONTROL
- FLIGHT CONTROL
- GROUND BASED CONTROL
- HOMING
- LASER GUIDANCE
- LATERAL CONTROL
- LONGITUDINAL CONTROL
- MISSILES
- RADAR HOMING MISSILES
- RADIO CONTROL
- REMOTE CONTROL
- ROCKET ENGINE CONTROL
- SPACECRAFT CONTROL
- STAR TRACKERS
- THRUST VECTOR CONTROL
- VISUAL CONTROL

MISSILE DEFENSE

- SN (SYSTEMS DESIGNED TO PROTECT MISSILES AGAINST ATTACK)
- RT ANTIMISSILE DEFENSE
- ANTIMISSILE MISSILES
- ANTIRADIATION MISSILES
- BALLISTIC MISSILE DECOYS
- ∞ DEFENSE
- DEFENSE INDUSTRY
- DEFENSE PROGRAM
- HARDENING (SYSTEMS)
- MILITARY TECHNOLOGY
- MISSILES
- OPTICAL COUNTERMEASURES
- REENTRY DECOYS
- SAFEGUARD SYSTEM
- WEAPONS DELIVERY

MISSILE DESIGN

- RT AEROSPACE ENGINEERING
- AIRCRAFT DESIGN
- COMPUTER AIDED DESIGN
- ∞ DESIGN
- ∞ DEVELOPMENT
- ENGINE DESIGN
- FLIGHT TESTS
- FUNCTIONAL DESIGN SPECIFICATIONS
- MAGNUS EFFECT
- RELIABILITY
- STRUCTURAL DESIGN
- SYSTEMS ENGINEERING

MISSILE DETECTION

- GS DETECTION
- . MISSILE DETECTION
- . . . RADAR DETECTION
- RT EARLY WARNING SYSTEMS
- ELECTRONIC WARFARE
- IDENTIFYING
- TARGET ACQUISITION

MISSILE DETECTION--(cont.)

- TARGET RECOGNITION

MISSILE ENGINE CASES

- USE ROCKET ENGINE CASES

MISSILE GUIDANCE

- USE MISSILE CONTROL

MISSILE LAUNCHERS

- GS LAUNCHERS
- . MISSILE LAUNCHERS
- . . . MOBILE MISSILE LAUNCHERS
- RT BALLISTIC MISSILE SUBMARINES
- CATAPULTS
- GROUND SUPPORT EQUIPMENT
- GUN LAUNCHERS
- LAUNCH VEHICLES
- LAUNCHING
- LAUNCHING SITES
- MISSILES
- ROCKET LAUNCHERS
- SEA LAUNCHING
- WEAPON SYSTEMS

MISSILE RANGES

- SN (EXCLUDES DISTANCE OF MISSILE TRAVEL)
- GS RANGES (FACILITIES)
- . TEST RANGES
- . . . MISSILE RANGES
- TEST FACILITIES
- . TEST RANGES
- . . . MISSILE RANGES
- RT BALLISTIC RANGES
- DOWNRANGE
- HYPERSONIC TEST APPARATUS
- MISSILES
- RANGE SAFETY
- REENTRY RANGE

MISSILE SIGNATURES

- GS SIGNATURES
- . MISSILE SIGNATURES
- RT DETECTION
- SIGNATURE ANALYSIS
- TARGET RECOGNITION

MISSILE SILOS

- UF SILOS (MISSILE STORAGE)
- RT BUILDINGS
- LAUNCHING SITES
- MX MISSILE
- ∞ STORAGE

∞ MISSILE SIMULATORS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT COMPUTERIZED SIMULATION
- FLIGHT SIMULATORS
- MATHEMATICAL MODELS
- MISSILES
- SIMULATORS
- TRAINING SIMULATORS
- WIND TUNNEL MODELS

MISSILE STABILIZATION

- USE MISSILE CONTROL
- STABILIZATION

MISSILE STORAGE

- RT GROUND SUPPORT EQUIPMENT
- MOBILE MISSILE LAUNCHERS
- PROPELLANT STORAGE
- ∞ STORAGE
- UNDERGROUND STORAGE

MISSILE STRUCTURES

- UF MISSILE CONSTRUCTION
- RT AIRFRAMES
- ∞ STRUCTURES
- TAIL ASSEMBLIES

MISSILE SYSTEMS

- GS WEAPON SYSTEMS
- . MISSILE SYSTEMS
- . . . NIKE X SYSTEMS
- . . . SAFEGUARD SYSTEM
- RT AEROSPACE SYSTEMS
- BEAM RIDER GUIDANCE
- MOBILE MISSILE LAUNCHERS
- RADAR HOMING MISSILES
- ∞ SYSTEMS

MISSILE TESTS

RT CAPTIVE TESTS
ENGINE TESTS
FLIGHT TESTS
FUEL TESTS
GROUND TESTS
MISSILES
PRELAUNCH TESTS
PROPELLANT TESTS
STABILITY TESTS
STATIC TESTS
TEST FIRING
TEST VEHICLES
∞ TESTS
WIND TUNNEL STABILITY TESTS

MISSILE TRACKING

GS TRACKING (POSITION)
MISSILE TRACKING
RT INFRARED TRACKING
LASER TARGET DESIGNATORS
POLYSTATION DOPPLER TRACKING SYSTEM
RANGE AND RANGE RATE TRACKING
SPACE DETECTION AND TRACKING SYSTEM
SPACECRAFT TRACKING
TRACKING NETWORKS
TRACKING STATIONS

MISSILE TRAJECTORIES

GS TRAJECTORIES
MISSILE TRAJECTORIES
RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
COBRA DANE (RADAR)
DESCENT TRAJECTORIES
FLIGHT MECHANICS
FLIGHT PATHS
IMPACT PREDICTION
PARABOLIC FLIGHT
REENTRY TRAJECTORIES
SPINNING UNGUIDED ROCKET TRAJECTORY
UNDERWATER TRAJECTORIES

MISSILE VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
MISSILE VIBRATION
RT BENDING VIBRATION
BREATHING VIBRATION
FLUTTER
LINEAR VIBRATION
RANDOM VIBRATION
SELF INDUCED VIBRATION
SUPERSONIC FLUTTER
TORSIONAL VIBRATION
TRANSONIC FLUTTER

MISSILES

GS MISSILES
AIR SLEW MISSILES
AIR TO AIR MISSILES
FALCON MISSILE
MATRA MISSILE
SIDEWINDER MISSILES
SPARROW MISSILES
SPARROW 2 MISSILE
SPARROW 3 MISSILE
AIR TO SURFACE MISSILES
BULLPUP MISSILES
CONDOR MISSILE
HARPOON MISSILE
HOUND DOG MISSILE
MAVERICK MISSILES
QUAIL MISSILE
SHRIKE MISSILE
ANTELOPE MISSILE
ANTIAIRCRAFT MISSILES
BOMARC MISSILES
FALCON MISSILE
MAULER MISSILE
NIKE-AJAX MISSILE
NIKE-HERCULES MISSILE
REDEYE MISSILE
SIAM MISSILES
SIDEWINDER MISSILES
TARTAR MISSILE
TERRIER MISSILE
ANTIMISSILE MISSILES
MAULER MISSILE
NIKE-ZEUS MISSILE
SPARTAN MISSILE
SPRINT MISSILE

MISSILES--(cont.)

ANTIRADIATION MISSILES
ANTISHIP MISSILES
BALLISTIC MISSILES
FIELD ARMY BALLISTIC MISSILES
SUBROC MISSILE
INTERCONTINENTAL BALLISTIC MISSILES
ATLAS ICBM
ATLAS D ICBM
ATLAS E ICBM
ATLAS F ICBM
MINUTEMAN ICBM
TITAN ICBM
TITAN 1 ICBM
TITAN 2 ICBM
INTERMEDIATE RANGE BALLISTIC MISSILES
BLUE STREAK MISSILE
JUPITER MISSILE
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
PERSHING MISSILE
POSEIDON MISSILES
SHORT RANGE BALLISTIC MISSILES
SKYBOLT MISSILE
V-2 MISSILE
BLUE STEEL MISSILE
BUMBLEBEE PROJECT
CORVUS MISSILE
OSPREY MISSILE
PRECISION GUIDED PROJECTILES
RADAR HOMING MISSILES
RAMJET MISSILES
NAVAHO MISSILE
SUPERSONIC LOW ALTITUDE MISSILE
SANDPIPER TARGET MISSILE
SS-11 MISSILE
SURFACE TO AIR MISSILES
BLUE GOOSE MISSILE
BOMARC MISSILES
BOMARC A MISSILE
BOMARC B MISSILE
CHAPARRAL MISSILE
HAWK MISSILE
MAULER MISSILE
NIKE MISSILES
NIKE-AJAX MISSILE
NIKE-HERCULES MISSILE
NIKE-ZEUS MISSILE
PATRIOT MISSILE
REDEYE MISSILE
SPRINT MISSILE
TALOS MISSILE
TARTAR MISSILE
TERRIER MISSILE
SURFACE TO SURFACE MISSILES
ANTITANK MISSILES
SHILLELAGH MISSILES
TOW MISSILES
CORPORAL MISSILE
CRUISE MISSILES
NAVAHO MISSILE
TOMAHAWK MISSILES
FLEET BALLISTIC MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
POSEIDON MISSILES
SUBROC MISSILE
INTERCONTINENTAL BALLISTIC MISSILES
ATLAS ICBM
ATLAS D ICBM
ATLAS E ICBM
ATLAS F ICBM
MINUTEMAN ICBM
MX MISSILE
TITAN ICBM
TITAN 1 ICBM
TITAN 2 ICBM
INTERMEDIATE RANGE BALLISTIC MISSILES
BLUE STREAK MISSILE
JUPITER MISSILE
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
LANCE MISSILE
MACE MISSILES
PERSHING MISSILE
REGULUS MISSILE
SERGEANT MISSILES

MISSILES--(cont.)

SHORT RANGE BALLISTIC MISSILES
SUPERSONIC LOW ALTITUDE MISSILE
V-1 MISSILE
UNDERWATER TO SURFACE MISSILES
SUBROC MISSILE
RT AMMUNITION
ANTIMISSILE DEFENSE
ANTISHIP WARFARE
ARTILLERY
ASCENT PROPULSION SYSTEMS
AUXILIARY PROPULSION
BOMBS (ORDNANCE)
ELECTROMAGNETIC MISSILES
FLIGHT TEST VEHICLES
∞ FLIGHT VEHICLES
GROUND SUPPORT EQUIPMENT
GUIDANCE (MOTION)
HOMING DEVICES
HYPERSONIC FLIGHT
INCENDIARY AMMUNITION
LAUNCH VEHICLES
LAUNCHING SITES
MISSILE CONFIGURATIONS
MISSILE CONTROL
MISSILE DEFENSE
MISSILE LAUNCHERS
MISSILE RANGES
∞ MISSILE SIMULATORS
MISSILE TESTS
MULTIENGINE VEHICLES
NIKE X SYSTEMS
NUCLEAR WEAPONS
PLASMA SHEATHS
PROPULSION
REENTRY
REENTRY VEHICLES
ROCKET CATAPULTS
ROCKET ENGINES
ROCKET PROPELLANTS
∞ ROCKETS
∞ SCRAM
SPACECRAFT LAUNCHING
SPIN STABILIZATION
STAGE SEPARATION
SUPERSONIC COMBUSTION RAMJET ENGINES
SUPERSONIC FLIGHT
TERMINAL BALLISTICS
TEST VEHICLES
TORPEDOES
TRAJECTORIES
TRANSPORTATION
∞ VEHICLES
WARHEADS
WEAPON SYSTEMS
WEAPONS
∞ WINGED VEHICLES

MISSING MASS (ASTROPHYSICS)

GS COSMOLOGY
MISSING MASS (ASTROPHYSICS)
MASS
RT MISSING MASS (ASTROPHYSICS)
ASTRONOMY
ASTROPHYSICS
DARK MATTER
DYNAMIC STABILITY
GALACTIC CLUSTERS
GALACTIC HALOS
GALACTIC STRUCTURE
MASS DISTRIBUTION
MASS TO LIGHT RATIOS
VIRIAL THEOREM

MISSION ADAPTIVE WINGS

GS AIRFOILS
WINGS
MISSION ADAPTIVE WINGS
RT ADAPTIVE CONTROL
F-111 AIRCRAFT
GUST ALLEVIATORS
VARIABLE GEOMETRY STRUCTURES
VARIABLE SWEEP WINGS
WING CAMBER
WING PROFILES

MISSION PLANNING

GS PLANNING
MISSION PLANNING
RT BUDGETING
COMMERCE LAB
CRITICAL PATH METHOD
ESTIMATING
FORECASTING

MISSION PLANNING--(cont.)
 MANAGEMENT
 MANAGEMENT PLANNING
 ∞ MISSIONS
 ∞ OPERATIONS
 ∞ OPERATIONS RESEARCH
 PAYLOAD INTEGRATION
 ∞ PLANS
 PREDICTIONS
 PRELAUNCH SUMMARIES
 PROGRAMS
 PROJECT MANAGEMENT
 SCHEDULING
 ULYSSES MISSION

∞ **MISSIONS**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ABORTED MISSIONS
 ASTEROID MISSIONS
 ASTRO MISSIONS (STS)
 CASSINI MISSION
 CLUSTER MISSION
 COMET RENDEZVOUS ASTEROID FLYBY
 MISSION
 EARTH-VENUS TRAJECTORIES
 EXPEDITIONS
 FLYBY MISSIONS
 GALILEO SPACECRAFT
 GRAND TOURS
 HEAT CAPACITY MAPPING MISSION
 LANDSAT FOLLOW-ON MISSIONS
 LONG DURATION SPACE FLIGHT
 MARINER JUPITER-SATURN FLYBY
 MARINER JUPITER-URANUS FLYBY
 MISSION PLANNING
 PLANNING
 PROGRAMS
 PROJECT PLANNING
 PROJECTS
 SOHO MISSION
 SOLAR MAXIMUM MISSION
 SOLAR MAXIMUM MISSION-A
 SPACE FLIGHT
 SPACE MISSIONS
 SPACE SHUTTLE MISSIONS
 TARGETS
 ULYSSES MISSION
 VOYAGER 1977 MISSION

MISSISSIPPI
 GS NATIONS
 . UNITED STATES
 . . MISSISSIPPI
 RT GULF OF MEXICO

MISSISSIPPI DELTA (LA)
 GS LANDFORMS
 . DELTAS
 . . MISSISSIPPI DELTA (LA)
 RT LOUISIANA
 RIVERS

MISSISSIPPI RIVER (US)
 GS RIVERS
 . MISSISSIPPI RIVER (US)
 RT DRAINAGE PATTERNS
 EARTH RESOURCES
 FLOODS
 RESOURCES
 RIVER BASINS

MISSOURI
 GS NATIONS
 . UNITED STATES
 . . MISSOURI
 RT MISSOURI RIVER (US)
 ST LOUIS-KANSAS CITY CORRIDOR (MO)

MISSOURI RIVER (US)
 GS RIVERS
 . MISSOURI RIVER (US)
 RT IOWA
 KANSAS
 MISSOURI
 MONTANA
 NEBRASKA
 NORTH DAKOTA
 RIVER BASINS
 SOUTH DAKOTA
 UNITED STATES
 VALLEYS

MISSOURI RIVER BASIN (US)
 GS LANDFORMS
 . STRUCTURAL BASINS
 . . RIVER BASINS
 . . . MISSOURI RIVER BASIN (US)
 RT RIVERS
 WATERSHEDS

MIST
 SN (ATMOSPHERIC WATER)
 GS PARTICLES
 . MIST
 RT AEROSOLS
 DISPERSIONS
 FOG
 FOG DISPERSAL
 HAZE
 HAZE DETECTION
 PRECIPITATION (METEOROLOGY)

MISTUNING (TURBOMACHINERY)
 RT ROTATING DISKS
 ∞ ROTOR BLADES
 . ROTOR BLADES (TURBOMACHINERY)
 ROTORS
 TUNING
 TURBOMACHINE BLADES
 VIBRATION

MITOCHONDRIA
 GS ORGANELLES
 . MITOCHONDRIA
 RT CELLS (BIOLOGY)
 CYTOLOGY

MITOSIS
 GS CYTOGENESIS
 . MITOSIS
 RT CELL DIVISION
 CELLS (BIOLOGY)
 CHROMOSOMES
 CYTOLOGY
 CYTOPLASM
 MUTATIONS
 PHYSIOLOGY
 REPRODUCTION (BIOLOGY)

MITRA
 RT FUNGI
 PLANTS (BOTANY)

MIUS
 USE MODULAR INTEGRATED UTILITY SYSTEM

MIXED CRYSTALS
 GS CRYSTALS
 . MIXED CRYSTALS
 RT POWDER METALLURGY
 SINTERING

MIXED FLOW
 USE MULTIPHASE FLOW

MIXED OXIDES
 GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . MIXED OXIDES
 BSCCO SUPERCONDUCTORS
 YBCO SUPERCONDUCTORS
 RT HIGH TEMPERATURE
 SUPERCONDUCTORS
 NUCLEAR FUELS
 PLUTONIUM OXIDES
 STRONTIUM OXIDES
 URANIUM OXIDES

MIXERS
 SN (EXCLUDES MIXING CIRCUITS)
 RT ADMIXTURES
 AERATION
 AEROSOLS
 AGITATION
 BAFFLES
 BLOWERS
 CARBURETORS
 COALESCING
 CONTACTORS
 ∞ DIFFUSERS
 ∞ DISPERSION
 FEEDERS
 GRINDING MILLS
 MIXING
 MIXTURES

MIXERS--(cont.)
 PADDLES
 FLOWS
 PLUNGERS
 SEPARATORS
 SHAKERS
 SPRAYERS
 STIRRING
 TUMBLING MOTION

MIXING
 GS **MIXING**
 . COLLOIDING
 . COMPOUNDING
 . DISSOLVING
 . HOMOGENIZING
 . LAMINAR MIXING
 . PREMIXING
 . SIGNAL MIXING
 . SUSPENDING (MIXING)
 . TURBULENT MIXING
 RT AERATION
 AGITATION
 BLOWING
 CHOKES
 DIFFUSION
 DILUTION
 GRINDING (COMMINUTION)
 JET MIXING FLOW
 LIQUID INJECTION
 METAL POWDER
 MIXERS
 MIXING LAYERS (FLUIDS)
 MIXING RATIOS
 MIXTURES
 PREMIXED FLAMES
 ∞ SEPARATION
 SHAKING
 SPRAYING
 SWIRLING
 TANGLING
 TRAPPED VORTICES
 TURBULENCE
 VORTICES

MIXING CIRCUITS
 GS CIRCUITS
 . MIXING CIRCUITS
 RT FREQUENCY CONVERTERS
 FREQUENCY SYNTHESIZERS
 HETERODYNING
 PREAMPLIFIERS

MIXING DEPTH
 USE MIXING HEIGHT

MIXING HEIGHT
 UF MIXING DEPTH
 RT AIR POLLUTION
 ATMOSPHERIC CIRCULATION
 CONVECTION
 CONVECTION CURRENTS
 VERTICAL AIR CURRENTS
 WIND (METEOROLOGY)
 ZONAL FLOW (METEOROLOGY)

MIXING LAYERS (FLUIDS)
 RT ADVECTION
 ATMOSPHERIC BOUNDARY LAYER
 ATMOSPHERIC STRATIFICATION
 BOUNDARY LAYERS
 CONVECTION
 EKMAN LAYER
 JET MIXING FLOW
 LAMINAR MIXING
 ∞ LAYERS
 MIXING
 MIXING LENGTH FLOW THEORY
 SHEAR LAYERS
 TURBULENT BOUNDARY LAYER
 TURBULENT MIXING
 TWO FLUID MODELS

MIXING LENGTH FLOW THEORY
 GS FLOW THEORY
 . MIXING LENGTH FLOW THEORY
 KINETIC THEORY
 . TRANSPORT THEORY
 . . MIXING LENGTH FLOW THEORY
 RT MIXING LAYERS (FLUIDS)
 SHEAR FLOW
 ∞ THEORIES
 TURBULENCE MODELS
 TURBULENT FLOW
 TURBULENT MIXING

MIXING LENGTH FLOW THEORY--(cont.)
VORTICITY TRANSPORT HYPOTHESIS

MIXING RATIOS

- GS RATIOS
 . DIMENSIONLESS NUMBERS
 . **MIXING RATIOS**
 . MASS RATIOS
 . **MIXING RATIOS**
 RT ATMOSPHERIC COMPOSITION
 ATMOSPHERIC MOISTURE
 GAS MIXTURES
 GASEOUS DIFFUSION
 HUMIDITY
 MIXING
 MOISTURE CONTENT
 WATER VAPOR

MIXTURES

- UF BLENDS
 GS **MIXTURES**
 . ADMIXTURES
 . BINARY MIXTURES
 . BINARY FLUIDS
 . EUTECTICS
 . . . EUTECTIC ALLOYS
 . DISPERSIONS
 . COLLOIDS
 . . . AEROSOLS
 . . . FOG
 . . . COLLOIDAL PROPELLANTS
 . EMULSIONS
 . . . PHOTOGRAPHIC EMULSIONS
 . . . NUCLEAR EMULSIONS
 . LIQUID-GAS MIXTURES
 . . . AEROSOLS
 . . . FOG
 . PLASTISOLS
 . . . SMOKE
 . POLYMER BLENDS
 . SIALON
 . SLURRIES
 . SOLID SUSPENSIONS
 . SOLUTIONS
 . . . AQUEOUS SOLUTIONS
 . . . GAS MIXTURES
 . . . AIR
 ALVEOLAR AIR
 COMPRESSED AIR
 EXPIRED AIR
 HIGH TEMPERATURE AIR
 LIQUID AIR
 DETONABLE GAS MIXTURES
 . . . PHOTOGRAPHIC EMULSIONS
 . . . NUCLEAR EMULSIONS
 . . . SOLID SOLUTIONS
 RT ALLOYS
 AZEOTROPES
 ∞ COMBINATION
 COMPOSITE MATERIALS
 COMPOSITION (PROPERTY)
 DISSOLVED GASES
 EUTECTIC COMPOSITES
 FORMULATIONS
 INGREDIENTS
 MIXERS
 MIXING
 PASTE (CONSISTENCY)
 SOLUBILITY

ML-1 NUCLEAR POWER PLANT

- GS ELECTRIC POWER PLANTS
 . NUCLEAR POWER PLANTS
 . **ML-1 NUCLEAR POWER PLANT**
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR POWER PLANTS
 . **ML-1 NUCLEAR POWER PLANT**
 RT ∞ POWER PLANTS

MLA

- USE MULTISPECTRAL LINEAR ARRAYS

MMS

- USE MULTIMISSION MODULAR SPACECRAFT

MNEMONICS

- RT MEMORY
 NOMENCLATURES
 SYMBOLIC PROGRAMMING
 SYMBOLS

MNOS

- USE METAL-NITRIDE-OXIDE-SILICON

MOBILE COMMUNICATION SYSTEMS

- GS **MOBILE COMMUNICATION SYSTEMS**
 . LAND MOBILE SATELLITE SERVICE
 RT COMMUNICATION SATELLITES
 MSAT
 RADIO COMMUNICATION

MOBILE LOUNGES

- RT AIRFIELD SURFACE MOVEMENTS
 AIRPORTS
 GROUND HANDLING
 ∞ LOUNGES

MOBILE MISSILE LAUNCHERS

- GS LAUNCHERS
 . MISSILE LAUNCHERS
 . **MOBILE MISSILE LAUNCHERS**
 RT BALLISTIC MISSILE SUBMARINES
 MISSILE STORAGE
 MISSILE SYSTEMS
 WEAPON SYSTEMS

MOBILE QUARANTINE FACILITY

- RT AEROSPACE MEDICINE
 EVACUATING (TRANSPORTATION)
 ∞ FACILITIES
 MEDICAL EQUIPMENT
 MEDICAL SERVICES
 PHYSICAL EXAMINATIONS
 PHYSIOLOGICAL TESTS

MOBILITY

- SN (EXCLUDES CONSIDERATIONS OF
 MANNED AND UNMANNED CRAFT)
 GS **MOBILITY**
 . ATOMIC MOBILITIES
 . CARRIER MOBILITY
 . ELECTRON MOBILITY
 . HOLE MOBILITY
 . IONIC MOBILITY
 RT ∞ CONDUCTIVITY
 DIFFUSIVITY
 DRIFT RATE
 HALL EFFECT
 KINETIC THEORY
 PORTABLE EQUIPMENT
 TRANSPORT PROPERTIES

MOCVD (VAPOR DEPOSITION)

- USE METALORGANIC CHEMICAL VAPOR
 DEPOSITION

MODAL RESPONSE

- UF MODE SHAPES
 GS RESPONSES
 . **MODAL RESPONSE**
 RT DYNAMIC RESPONSE
 STROKING TESTS

MODCOMP II COMPUTER

- GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **MODCOMP II COMPUTER**

MODCOMP IV COMPUTER

- GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **MODCOMP IV COMPUTER**

∞ MODE

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT FAILURE MODES
 MODE (STATISTICS)
 MODES

MODE (STATISTICS)

- RT AVERAGE
 DISTRIBUTION MOMENTS
 FAILURE MODES
 MEAN
 MEDIAN (STATISTICS)
 ∞ MODE
 MODES
 MOMENTS
 QUALITY CONTROL

MODE COUPLING

- USE COUPLED MODES

MODE OF VIBRATION

- USE VIBRATION MODE

MODE SHAPES

- USE MODAL RESPONSE

MODE TRANSFORMERS

- GS TRANSDUCERS
 . **MODE TRANSFORMERS**
 TRANSFORMERS
 . **MODE TRANSFORMERS**
 RT IMPEDANCE MATCHING
 PROPAGATION MODES
 TRANSMISSION LINES
 VIBRATION MODE
 WAVEGUIDE TUNERS

MODEL REFERENCE ADAPTIVE CONTROL

- UF MRAC (SYSTEMS)
 GS AUTOMATIC CONTROL
 . ADAPTIVE CONTROL
 . . **MODEL REFERENCE ADAPTIVE CONTROL**
 RT AUTOMATA THEORY
 AUTONOMY
 ∞ CONTROL
 CONTROL THEORY
 CYBERNETICS
 DYNAMIC CONTROL
 FEEDBACK CONTROL
 FEEDFORWARD CONTROL
 MATHEMATICAL MODELS
 OPTIMAL CONTROL
 SELF ALIGNMENT
 SYSTEMS SIMULATION

MODELS

- GS **MODELS**
 . AIRCRAFT MODELS
 . ASTRONOMICAL MODELS
 . . DENSITY WAVE MODEL
 . . STELLAR MODELS
 . ATMOSPHERIC MODELS
 . . ATMOSPHERIC GENERAL CIRCULATION MODELS
 . . REFERENCE ATMOSPHERES
 . BREADBOARD MODELS
 . DYNAMIC MODELS
 . ENVIRONMENT MODELS
 . GUTENBERG ZONE
 . HYDROLOGY MODELS
 . LIGHTHILL GAS MODEL
 . MATHEMATICAL MODELS
 . . ANALOG SIMULATION
 . . BGK MODEL
 . . BIOLOGICAL MODELS (MATHEMATICS)
 . . DIGITAL SIMULATION
 . . MANDELSTAM REPRESENTATION
 . . PETRI NETS
 . . THOMAS-FERMI MODEL
 . . TURBULENCE MODELS
 . . . K-EPSILON TURBULENCE MODEL
 . . VENEZIANO MODEL
 . NUCLEAR MODELS
 . OCEAN MODELS
 . QUARK MODELS
 . . QUARK PARTON MODEL
 . SCALE MODELS
 . SEMISPAN MODELS
 . SPACECRAFT MODELS
 . STATIC MODELS
 . THREE DIMENSIONAL MODELS
 . TWO DIMENSIONAL MODELS
 . VECTOR DOMINANCE MODEL
 . WIND TUNNEL MODELS
 . . POWERED MODELS
 RT ANALOGS
 DUMMIES
 LAYOUTS
 PILOT PLANTS
 REPLICAS
 SIMULATORS
 TEST FACILITIES

MODEMS

- UF MODULATORS-DEMODULATORS
 GS DEMODULATORS
 . **MODEMS**
 MODULATORS
 . **MODEMS**
 RT DATA TRANSMISSION
 PERIPHERAL EQUIPMENT (COMPUTERS)
 PHASE DEMODULATORS
 PHASE MODULATION
 PULSE AMPLITUDE MODULATION

MODEMS--(cont.)

PULSE COMMUNICATION
PULSE DURATION MODULATION
PULSE FREQUENCY MODULATION
PULSE MODULATION
PULSE POSITION MODULATION

MODERATION (ENERGY ABSORPTION)

GS ENERGY ABSORPTION
 . MODERATION (ENERGY ABSORPTION)
 . THERMALIZATION (ENERGY ABSORPTION)
 . NEUTRON THERMALIZATION
RT ∞ ABSORPTION
 LIMITERS (FUSION REACTORS)
 MODERATORS

MODERATORS

RT BERYLLIUM
 BLANKETS (FUSION REACTORS)
 GRAPHITE
 HEAVY WATER
 LIMITERS (FUSION REACTORS)
 MODERATION (ENERGY ABSORPTION)
 NEUTRON ABSORBERS
 NUCLEAR REACTORS
 REACTOR MATERIALS
 WATER

MODES

GS **MODES**
 . AXIAL MODES
 . BALLOONING MODES
 . COUPLED MODES
 . FAILURE MODES
 . LASER MODES
 . MODES (STANDING WAVES)
 . PROPAGATION MODES
 . WHISPERING GALLERY MODES
 . PUSHBROOM SENSOR MODES
 . VIBRATION MODE
 . UNCOUPLED MODES
RT ∞ MODE
 MODE (STATISTICS)
 TEARING MODES (PLASMAS)

MODES (STANDING WAVES)

GS **MODES**
 . **MODES (STANDING WAVES)**
RT UNCOUPLED MODES
 VIBRATION

MODFETS

UF MODULATION DOPED FETS
GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . HETEROJUNCTION DEVICES
 . HIGH ELECTRON MOBILITY TRANSISTORS
 . **MODFETS**
 . TRANSISTORS
 . FIELD EFFECT TRANSISTORS
 . **MODFETS**
 . HIGH ELECTRON MOBILITY TRANSISTORS
 . **MODFETS**
RT ALUMINUM GALLIUM ARSENIDES
 DOPED CRYSTALS
 ENERGY GAPS (SOLID STATE)
 GALLIUM ARSENIDES
 INDIUM ARSENIDES
 ION IMPLANTATION

MODIFICATION

USE REVISIONS

MODULAR INTEGRATED UTILITY SYSTEM

UF MIUS
RT AIR CONDITIONING
 COMMUNITIES
 ELECTRIC POWER PLANTS
 HEATING
 POTABLE WATER
 SEWAGE TREATMENT
 ∞ SYSTEMS
 UTILITIES
 WASTE DISPOSAL

MODULAR RATIOS

GS MECHANICAL PROPERTIES
 . **MODULAR RATIOS**
 RATIOS
 . **MODULAR RATIOS**
RT COMPOSITE MATERIALS

MODULAR RATIOS--(cont.)

STRESS RATIO
STRUCTURAL ANALYSIS
STRUCTURAL ENGINEERING

MODULARITY

RT ARCHITECTURE (COMPUTERS)
 AVIONICS
 COMPUTER PROGRAMS
 ELECTRONIC MODULES
 SYSTEMS ENGINEERING

MODULATED CONTINUOUS RADIATION

GS CONTINUOUS RADIATION
 . **MODULATED CONTINUOUS RADIATION**
 ELECTROMAGNETIC RADIATION
 . **MODULATED CONTINUOUS RADIATION**
RT COHERENT ELECTROMAGNETIC
 RADIATION
 ∞ PHASE DEVIATION
 RADIATION

MODULATING RETRODIRECTIVE OPTICS

USE MIROS SYSTEM

MODULATION

UF CARRIER MODULATION
GS **MODULATION**
 . AMPLITUDE MODULATION
 . QUADRATURE AMPLITUDE MODULATION
 . FREQUENCY MODULATION
 . FEEDBACK FREQUENCY MODULATION
 . FM/PM (MODULATION)
 . FREQUENCY SHIFT KEYING
 . PULSE FREQUENCY MODULATION
 . INTERMODULATION
 . IONOSPHERIC CROSS MODULATION
 . LIGHT MODULATION
 . MIROS SYSTEM
 . ULTRASONIC LIGHT MODULATION
 . PHASE MODULATION
 . FM/PM (MODULATION)
 . PHASE SHIFT KEYING
 . BINARY PHASE SHIFT KEYING
 . QUADRATURE PHASE SHIFT KEYING
 . PULSE MODULATION
 . PULSE AMPLITUDE MODULATION
 . PULSE CODE MODULATION
 . DELTA MODULATION
 . DIFFERENTIAL PULSE CODE MODULATION
 . PULSE FREQUENCY MODULATION
 . PULSE TIME MODULATION
 . PULSE DURATION MODULATION
 . PULSE POSITION MODULATION
 . TRAVELING WAVE MODULATION
RT VELOCITY MODULATION
 CARRIER FREQUENCIES
 CARRIER WAVES
 COMPANDING
 CRYSTALLIZATION
 DEMODULATION
 DEMODULATORS
 DOUBLE SIDEBAND TRANSMISSION
 DYNAMIC RANGE
 INTERFERENCE FACTOR TABLE
 MODULATORS
 P.A.C.M. TELEMETRY
 PULSE FREQUENCY MODULATION
 TELEMETRY
 RADIO TRANSMISSION
 REMULATION
 SELECTIVE FADING
 TELECOMMUNICATION
 WAVE INTERACTION

MODULATION DOPED FETS

USE MODFETS

MODULATION DOPING

RT ADDITIVES
 DONOR MATERIALS
 DOPED CRYSTALS
 ELECTRON MOBILITY
 ENERGY GAPS (SOLID STATE)
 HETEROJUNCTION DEVICES
 HETEROJUNCTIONS
 HIGH ELECTRON MOBILITY TRANSISTORS
 ION IMPLANTATION
 SEMICONDUCTOR DEVICES
 SEMICONDUCTORS (MATERIALS)

MODULATION TRANSFER FUNCTION

UF MTF
GS FUNCTIONS (MATHEMATICS)
 . TRANSFER FUNCTIONS
 . **MODULATION TRANSFER FUNCTION**
RT FIGURE OF MERIT
 IMAGING TECHNIQUES
 OPTICAL MEASUREMENT
 OPTICAL TRANSFER FUNCTION
 ∞ PERFORMANCE
 SYSTEM EFFECTIVENESS
 SYSTEMS ANALYSIS

MODULATORS

GS **MODULATORS**
 . BRAGG CELLS
 . MODEMS
RT AMPLIFIERS
 AMPLITUDE MODULATION
 DEMODULATORS
 ELECTRON TUBES
 FREQUENCY MODULATION
 LIGHT MODULATION
 MATCHED FILTERS
 MODULATION
 PHASE MODULATION
 PULSE MODULATION

MODULATORS-DEMODULATORS

USE MODEMS

MODULES

GS **MODULES**
 . AIRLOCK MODULES
 . CHEMICAL RELEASE MODULES
 . ELECTRONIC MODULES
 . MICROMODULES
 . LOCAL SCIENTIFIC SURVEY MODULE
 . PAYLOAD ASSIST MODULE
 . POWER MODULES (STS)
 . SERVICE MODULES
 . SPACECRAFT DOCKING MODULES
 . SPACECRAFT MODULES
 . COMMAND MODULES
 . COMMAND SERVICE MODULES
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . LSSM
 . MARS EXCURSION MODULE
 . SIM
RT CIRCUITS
 COMPARTMENTS
 ∞ COMPONENTS
 INSTRUMENT PACKAGES
 SPACE TUGS
 SPARE PARTS

MODULUS OF ELASTICITY

UF COMPLIANCE (ELASTICITY)
 ELASTIC MODULUS
 YOUNG MODULUS
GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . **MODULUS OF ELASTICITY**
 . DYNAMIC MODULUS OF ELASTICITY
RT ANELASTICITY
 BENDING
 HOOKES LAW
 HYDROELASTICITY
 POISSON RATIO
 PROPORTIONAL LIMIT
 ∞ RIGIDITY
 SHEAR PROPERTIES
 STIFFNESS
 STRESS-STRAIN DIAGRAMS

MOHAWK AIRCRAFT

USE OV-1 AIRCRAFT

MOHR CIRCLES

USE FRACTURE MECHANICS

MOIRE EFFECTS

RT BEAT FREQUENCIES
 BIREFRINGENCE
 DIFFRACTION
 ∞ EFFECTS
 FRINGE MULTIPLICATION
 INTERFERENCE GRATING
 ∞ METHODOLOGY
 MOIRE FRINGES
 MOIRE INTERFEROMETRY
 PHOTOELASTIC ANALYSIS
 SCHLIEN PHOTOGRAPHY

MOIRE FRINGES

RT DIFFRACTION PATTERNS
FRINGE MULTIPLICATION
INTERFERENCE GRATING
MOIRE EFFECTS
STRESS ANALYSIS
STRESS CONCENTRATION

MOIRE INTERFEROMETRY

GS INTERFEROMETRY
. **MOIRE INTERFEROMETRY**
RT DIFFRACTION PATTERNS
HOLOGRAPHIC INTERFEROMETRY
MOIRE EFFECTS

MOISTURE

GS **MOISTURE**
. ATMOSPHERIC MOISTURE
. SOIL MOISTURE
RT HUMIDITY
HYGRAL PROPERTIES
METEOROLOGICAL PARAMETERS
METEOROLOGY
WATER
WATER VAPOR

MOISTURE CONTENT

UF DAMPNES
WATER CONTENT
WETNESS
GS COMPOSITION (PROPERTY)
. CONCENTRATION (COMPOSITION)
. **MOISTURE CONTENT**
. . . . ATMOSPHERIC MOISTURE
RT ATMOSPHERIC COMPOSITION
CHEMICAL PROPERTIES
HUMIDITY
HYDROTHERMAL STRESS ANALYSIS
HYGROSCOPICITY
LYSIMETERS
MIXING RATIOS
SOIL MOISTURE
WATER
WATER VAPOR

MOISTURE DETECTORS

USE MOISTURE METERS

MOISTURE METERS

UF MOISTURE DETECTORS
GS MEASURING INSTRUMENTS
. **MOISTURE METERS**
. . . . HYGROMETERS
. . . . PSYCHROMETERS
RT CHEMICAL ANALYSIS
HUMIDITY
HUMIDITY MEASUREMENT

MOISTURE RESISTANCE

RT CAULKING
COATINGS
HYDROTHERMAL STRESS ANALYSIS
HYGROSCOPICITY
POROSITY
∞ RESISTANCE
SEALING
WATERPROOFING
WEATHERPROOFING

MOJAVE DESERT (CA)

GS LAND
. DESERTS
. . . **MOJAVE DESERT (CA)**
RT ARID LANDS
CALIFORNIA
DESERTIFICATION
REMOTE REGIONS

MOL (ORBITAL LABORATORIES)

USE MANNED ORBITAL LABORATORIES

MOLABS

USE LUNAR MOBILE LABORATORIES

∞ MOLD

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ASPERGILLUS
FUNGI
MOLDS
RHIZOPUS
RUST FUNGI

MOLDAVIA

GS NATIONS
. **MOLDAVIA**
RT EUROPE

MOLDAVITE

GS ROCKS
. IGNEOUS ROCKS
. . . . OBSIDIAN
. . . . **MOLDAVITE**
RT GLASS
METEORITES
SOILS

MOLDING MATERIALS

GS **MOLDING MATERIALS**
. SHEET MOLDING COMPOUNDS
RT BINDERS (MATERIALS)
CASTING
CLAYS
CORES
INJECTION MOLDING
∞ MATERIALS
MOLDS
PLASTERS
PLASTICS
RESIN TRANSFER MOLDING
SAND CASTING
SANDS
TENITE

MOLDS

SN (EXCLUDES ORGANISMS)
RT CASTING
CASTINGS
DIES
FLAT PATTERNS
FOUNDRIES
INGOTS
INJECTION MOLDING
MANDRELS
MELTING
∞ MOLD
MOLDING MATERIALS
ORGANIC MATERIALS
∞ PATTERNS
PREFORMS
PRESSING (FORMING)
PUNCHES
RESIN TRANSFER MOLDING
SHEET MOLDING COMPOUNDS
TABLETS
TEMPLATES

MOLECULAR ABSORPTION

GS ENERGY ABSORPTION
. RADIATION ABSORPTION
. . . **MOLECULAR ABSORPTION**
RT ∞ ABSORPTION
ATMOSPHERIC ATTENUATION
BEER LAW
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION

MOLECULAR BEAM EPITAXY

GS GROWTH
. CRYSTAL GROWTH
. . . EPITAXY
. . . **MOLECULAR BEAM EPITAXY**

MOLECULAR BEAMS

GS BEAMS (RADIATION)
. PARTICLE BEAMS
. . . NEUTRAL BEAMS
. . . **MOLECULAR BEAMS**
RT ATOMIC BEAMS
ATOMIC CLOCKS
FREE MOLECULAR FLOW
ION BEAMS
MOLECULES
RAREFIED GAS DYNAMICS

MOLECULAR BIOLOGY

GS LIFE SCIENCES
. **MOLECULAR BIOLOGY**
RT BIOCHEMISTRY
∞ BIOLOGY
EUKARYOTES
GENE EXPRESSION
GENES
PHYSIOCHEMISTRY
PROKARYOTES

MOLECULAR BONDS

USE CHEMICAL BONDS

MOLECULAR CHAINS

RT ∞ ALIPHATIC COMPOUNDS
CHAINS
CRYSTAL LATTICES
MACROMOLECULES
MONOMERS

MOLECULAR CLOUDS

RT ASTRONOMICAL MODELS
∞ CLOUDS
COSMIC DUST
GALACTIC HALOS
HYDROGEN CLOUDS
INFRARED CIRRUS (ASTRONOMY)
INTERSTELLAR CHEMISTRY
INTERSTELLAR GAS
INTERSTELLAR MASERS
INTERSTELLAR MATTER
METHYLIDYNE
STAR FORMATION

MOLECULAR COLLISIONS

GS COLLISIONS
. **MOLECULAR COLLISIONS**
PARTICLE INTERACTIONS
. MOLECULAR INTERACTIONS
. . . **MOLECULAR COLLISIONS**
RT ATOMIC COLLISIONS
BGK MODEL
∞ INTERACTIONS
PARTICLE COLLISIONS
RIGID ROTORS (PLASMA PHYSICS)

MOLECULAR DIFFUSION

GS DIFFUSION
. **MOLECULAR DIFFUSION**
RT ATMOSPHERIC DIFFUSION
DIFFUSION COEFFICIENT
DIFFUSION WAVES
DISSOCIATION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
PARTICLE DIFFUSION
SELF DIFFUSION (SOLID STATE)
SURFACE DIFFUSION

MOLECULAR DISSOCIATION

USE DISSOCIATION

MOLECULAR ELECTRONICS

GS ELECTROPHYSICS
. **MOLECULAR ELECTRONICS**
RT DTL INTEGRATED CIRCUITS
∞ ELECTRONICS
INTEGRATED CIRCUITS
LANGMUIR-BLODGETT FILMS
LARGE SCALE INTEGRATION
LINEAR INTEGRATED CIRCUITS
MEDIUM SCALE INTEGRATION
MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MONOMOLECULAR FILMS
PI-ELECTRONS
SEMICONDUCTOR DEVICES
THIN FILMS
TTL INTEGRATED CIRCUITS
VERY LARGE SCALE INTEGRATION

MOLECULAR ENERGY LEVELS

GS LEVEL (QUANTITY)
. ENERGY LEVELS
. . . **MOLECULAR ENERGY LEVELS**
. . . INTERMOLECULAR FORCES
. . . ROTATIONAL STATES
. . . VIBRATIONAL STATES
RT CHEMICAL ENERGY
∞ ENERGY
ENERGY OF FORMATION
EXCIMERS
FREE ENERGY
HEAT OF SOLUTION
INTERNAL ENERGY
∞ NUCLEAR ENERGY

MOLECULAR EXCITATION

GS EXCITATION
. **MOLECULAR EXCITATION**
RT ATOMIC EXCITATIONS
ENERGY LEVELS
IONIZATION
PARTICLE COLLISIONS
PHOTOEXCITATION
ROTATIONAL SPECTRA
ROTATIONAL STATES

MOLECULAR EXCITATION--(cont.)
VIBRATIONAL STATES**MOLECULAR FLOW**

- SN (FLOW WITH KNUDSEN NUMBERS
GREATER THAN 0.01--FOR SPECIFIC
FLOWS IN THIS RANGE USE
NARROWER TERMS--FOR DUCTED
MOLECULAR FLOW USE KNUDSEN
FLOW)
- GS FLUID FLOW
. GAS FLOW
. **MOLECULAR FLOW**
. SLIP FLOW
. TRANSITION FLOW
- RT BGK MODEL
BOUNDARY LAYER TRANSITION
CONTINUUM FLOW
KNUDSEN FLOW
LOW DENSITY FLOW
RAREFIED GAS DYNAMICS
TRANSPARATION

MOLECULAR GASES

- GS GASES
. **MOLECULAR GASES**
. . . POLAR GASES
. . . POLYATOMIC GASES
. . . DIATOMIC GASES
- RT ASSOCIATION REACTIONS
GAS DYNAMICS
MONATOMIC GASES
NONPOLAR GASES
RAREFIED GASES
REAL GASES

MOLECULAR INTERACTIONS

- GS PARTICLE INTERACTIONS
. **MOLECULAR INTERACTIONS**
. . . MOLECULAR COLLISIONS
- RT ASSOCIATION REACTIONS
CONFIGURATION INTERACTION
DISSOCIATION
∞ INTERACTIONS
INTERMOLECULAR FORCES
INTERNUCLEAR PROPERTIES
INTERSTELLAR CHEMISTRY
IONIC REACTIONS
LENNARD-JONES POTENTIAL
MASS FLOW
∞ MOLECULAR PHYSICS
TRANSPORT THEORY

MOLECULAR IONS

- GS IONS
. **MOLECULAR IONS**
. . . FORMYL IONS
. . . HYDRONIUM IONS
. . . VANADYL RADICAL
- RT AMINO RADICAL
ELECTRON AFFINITY
∞ MOLECULAR PHYSICS
POSITIVE IONS

MOLECULAR ORBITALS

- GS ORBITALS
. **MOLECULAR ORBITALS**
WAVE FUNCTIONS
. **MOLECULAR ORBITALS**
- RT QUANTUM CHEMISTRY
SELF CONSISTENT FIELDS

MOLECULAR OSCILLATIONS

- GS OSCILLATIONS
. **MOLECULAR OSCILLATIONS**
- RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
GAS LASERS
OSCILLATOR STRENGTHS

MOLECULAR OSCILLATORS

- GS OSCILLATORS
. **MOLECULAR OSCILLATORS**
- RT LASERS
MASERS
OSCILLATOR STRENGTHS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

∞ **MOLECULAR PHYSICS**

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT INTERNUCLEAR PROPERTIES

MOLECULAR PHYSICS--(cont.)

- MAYER PROBLEM
MOLECULAR INTERACTIONS
MOLECULAR IONS
MONATOMIC MOLECULES
∞ PHYSICS
∞ SCIENCE

MOLECULAR PUMPS

- GS PUMPS
. VACUUM PUMPS
. . **MOLECULAR PUMPS**
VACUUM APPARATUS
. VACUUM PUMPS
. . **MOLECULAR PUMPS**
- RT PLASMA PUMPING
PUMP SEALS

MOLECULAR RELAXATION

- UF CHEMICAL RELAXATION
VIBRATIONAL RELAXATION
- RT GAS FLOW
POPULATION INVERSION
∞ RELAXATION
RELAXATION (MECHANICS)
RELAXATION TIME
SHOCK WAVES
THERMODYNAMICS
VIBRATION DAMPING
VIBRATIONAL SPECTRA

MOLECULAR ROTATION

- GS GYRATION
. ROTATION
. . **MOLECULAR ROTATION**
- RT MICROWAVE SPECTRA
RAMAN SPECTRA
RIGID ROTORS (PLASMA PHYSICS)
ROTATIONAL SPECTRA

MOLECULAR SHIELDS

- RT CONTAMINATION
HIGH VACUUM
INSTRUMENT PACKAGES
SPACEBORNE EXPERIMENTS

MOLECULAR SIEVES

- USE ABSORBENTS

MOLECULAR SPECTRA

- GS SPECTRA
. **MOLECULAR SPECTRA**
. . ELECTRONIC SPECTRA
. . RAMAN SPECTRA
. . ROTATIONAL SPECTRA
. . VIBRATIONAL SPECTRA
- RT ABSORPTION SPECTRA
ELECTROMAGNETIC SPECTRA
EMISSION SPECTRA
ENERGY SPECTRA
INFRARED SPECTRA
MASS SPECTRA
MICROWAVE SPECTRA
OXYGEN SPECTRA
SOLAR SPECTRA
STELLAR SPECTRA
SWAN BANDS
ULTRAVIOLET SPECTRA
VEGARD-KAPLAN BANDS
VISIBLE SPECTRUM

MOLECULAR SPECTROSCOPY

- GS SPECTROSCOPY
. **MOLECULAR SPECTROSCOPY**
. . RAMAN SPECTROSCOPY
- RT ABSORPTION SPECTRA
ELECTRON SPECTROSCOPY
EMISSION SPECTRA
INFRARED SPECTROSCOPY
LINE SPECTRA
MICROWAVE SPECTRA
OPTOGALVANIC SPECTROSCOPY
ROTATIONAL SPECTRA
SPECTROSCOPIC ANALYSIS
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY
X RAY SPECTROSCOPY

MOLECULAR STRUCTURE

- RT ATOMIC INTERACTIONS
ATOMIC STRUCTURE
BIOPOLYMER DENATURATION
COMPLEX COMPOUNDS
CONFIGURATION INTERACTION
CRYSTAL LATTICES

MOLECULAR STRUCTURE--(cont.)

- HYDROGEN BONDS
INFRARED SPECTROSCOPY
INTERMOLECULAR FORCES
INTRAMOLECULAR STRUCTURES
MACROMOLECULES
MOLECULES
MONATOMIC MOLECULES
NUCLEAR MAGNETIC RESONANCE
NUCLEAR MODELS
ORDER-DISORDER TRANSFORMATIONS
POLYATOMIC MOLECULES
POLYMER
∞ STRUCTURES
UNIMOLECULAR STRUCTURES
WISWESSER NOTATIONS

MOLECULAR THEORY

- RT LIGHTHILL GAS MODEL
∞ THEORIES

MOLECULAR TRAJECTORIES

- GS TRAJECTORIES
. **MOLECULAR TRAJECTORIES**
- RT GAS FLOW

MOLECULAR WEIGHT

- GS **MOLECULAR WEIGHT**
. LOW MOLECULAR WEIGHTS
MACROMOLECULES
MOLECULES
MONATOMIC MOLECULES
POLYATOMIC MOLECULES
WEIGHT (MASS)

MOLECULES

- GS **MOLECULES**
. MACROMOLECULES
. MONATOMIC MOLECULES
. POLYATOMIC MOLECULES
. . DIATOMIC MOLECULES
. . TRIATOMIC MOLECULES
- RT ATOMS
BUCKMINSTERFULLERENE
CHEMICAL BONDS
∞ CHEMICAL COMPOUNDS
IONS
LOW MOLECULAR WEIGHTS
MOLECULAR BEAMS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT

MOLES

- GS ANIMALS
. VERTEBRATES
. . MAMMALS
. . . **MOLES**

MOLIERE FORMULA

- USE COSMIC RAY SHOWERS
SECONDARY COSMIC RAYS
SPATIAL DISTRIBUTION

MOLLIER DIAGRAM

- UF ENTHALPY-ENTROPY DIAGRAMS
- GS CHARTS
. GRAPHS (CHARTS)
. . **MOLLIER DIAGRAM**
DIAGRAMS
. **MOLLIER DIAGRAM**
- RT ENTHALPY
ENTROPY
EQUATIONS OF STATE
IDEAL FLUIDS
ISENTROPE
THERMODYNAMICS

MOLLUSKS

- GS ANIMALS
. INVERTEBRATES
. . **MOLLUSKS**
. . . CEPHALOPODS
. OCTOPUSES
. SNAILS
- RT SHELLFISH

MOLNIYA SATELLITES

- GS ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . **MOLNIYA SATELLITES**
. . . SOVIET SATELLITES
. . . **MOLNIYA SATELLITES**
- RT ELECTRIC DISCHARGES
RADIO RELAY SYSTEMS

MOLNIYA SATELLITES--(cont.)

SATELLITE NETWORKS
TELECOMMUNICATION
TELEVISION TRANSMISSION
U.S.S.R. SPACE PROGRAM

MOLTEN SALT ELECTROLYTES

GS CONDUCTORS
. ELECTROLYTES
. MOLTEN SALT ELECTROLYTES

MOLTEN SALT NUCLEAR REACTORS

UF MSRE REACTORS
GS NUCLEAR REACTORS
. MOLTEN SALT NUCLEAR REACTORS
RT ∞ REACTORS

MOLTEN SALTS

RT HALIDES
HALITES
INORGANIC COMPOUNDS
NITRIDES
SALT BATHS
 ∞ SALTS
SODIUM CHLORIDES

MOLTING

RT PHENOLOGY
SHEDDING

MOLYBDATES

GS MOLYBDENUM COMPOUNDS
. MOLYBDATES
. LEAD MOLYBDATES

MOLYBDENUM

GS CHEMICAL ELEMENTS
. MOLYBDENUM
METALS
. REFRACTORY METALS
. MOLYBDENUM
. TRANSITION METALS
. MOLYBDENUM
REFRACTORY MATERIALS
. REFRACTORY METALS
. MOLYBDENUM
RT MOLYBDENUM ISOTOPES

MOLYBDENUM ALLOYS

GS ALLOYS
. HEAT RESISTANT ALLOYS
. REFRACTORY METAL ALLOYS
. MOLYBDENUM ALLOYS
. RENE 41
. RENE 63
. RENE 77
REFRACTORY MATERIALS
. REFRACTORY METAL ALLOYS
. MOLYBDENUM ALLOYS
. RENE 41
. RENE 63
. RENE 77
RT HASTELLOY (TRADEMARK)
MULBERRY (ALLOY)
PERMALLOYS (TRADEMARK)
STAINLESS STEELS

MOLYBDENUM CARBIDES

GS CARBON COMPOUNDS
. CARBIDES
. MOLYBDENUM CARBIDES

MOLYBDENUM COMPOUNDS

GS MOLYBDENUM COMPOUNDS
. MOLYBDATES
. LEAD MOLYBDATES
. MOLYBDENUM DISULFIDES
. MOLYBDENUM OXIDES
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 6B COMPOUNDS
 ∞ METAL COMPOUNDS

MOLYBDENUM DISULFIDES

GS CHALCOGENIDES
. SULFIDES
. INORGANIC SULFIDES
. MOLYBDENUM SULFIDES
. MOLYBDENUM DISULFIDES
MOLYBDENUM COMPOUNDS
. MOLYBDENUM DISULFIDES
SULFUR COMPOUNDS
. SULFIDES
. INORGANIC SULFIDES
. MOLYBDENUM SULFIDES

MOLYBDENUM DISULFIDES--(cont.)

.... MOLYBDENUM DISULFIDES

MOLYBDENUM ISOTOPES

GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. MOLYBDENUM ISOTOPES
RT MOLYBDENUM

MOLYBDENUM OXIDES

GS CHALCOGENIDES
. OXIDES
. METAL OXIDES
. MOLYBDENUM OXIDES
MOLYBDENUM COMPOUNDS
. MOLYBDENUM OXIDES

MOLYBDENUM SULFIDES

GS CHALCOGENIDES
. SULFIDES
. INORGANIC SULFIDES
. MOLYBDENUM SULFIDES
. MOLYBDENUM DISULFIDES
SULFUR COMPOUNDS
. SULFIDES
. INORGANIC SULFIDES
. MOLYBDENUM SULFIDES
. MOLYBDENUM DISULFIDES

MOM (SEMICONDUCTORS)

UF METAL-OXIDE-METAL SEMICONDUCTORS
GS SEMICONDUCTORS (MATERIALS)
. MOM (SEMICONDUCTORS)
RT ION IMPLANTATION

MOMENT DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
. MOMENT DISTRIBUTION
RT ANGULAR DISTRIBUTION
FORCE DISTRIBUTION
INFLUENCE COEFFICIENT
LOADING MOMENTS
LOADS (FORCES)
MASS DISTRIBUTION
METHOD OF MOMENTS
MOMENTS
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
STATIC LOADS
STRESS CONCENTRATION
STRUCTURAL ANALYSIS
STRUCTURAL DESIGN CRITERIA

MOMENTS

GS MOMENTS
. BENDING MOMENTS
. DIPOLE MOMENTS
. ELECTRIC MOMENTS
. MAGNETIC MOMENTS
. DISTRIBUTION MOMENTS
. MEAN
. ORTHOGONALITY
. STANDARD DEVIATION
. LOADING MOMENTS
. MOMENTS OF INERTIA
. STABILITY DERIVATIVES
. PITCHING MOMENTS
. ROLLING MOMENTS
. YAWING MOMENTS
. TORQUE
RT METHOD OF MOMENTS
MODE (STATISTICS)
MOMENT DISTRIBUTION
MOMENTUM
SKEWNESS
TORSION
VARIANCE (STATISTICS)

MOMENTS OF INERTIA

UF INERTIA MOMENTS
GS MOMENTS
. MOMENTS OF INERTIA
RT ANGULAR MOMENTUM
CENTER OF GRAVITY
CENTER OF PRESSURE
CENTROIDS
EQUATIONS OF MOTION
EULER EQUATIONS OF MOTION
INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
MASS
MASS DISTRIBUTION
MOMENT DISTRIBUTION

MOMENTS OF INERTIA--(cont.)

PITCHING MOMENTS
ROLLING MOMENTS
STABILITY DERIVATIVES
STRESS ANALYSIS
STRUCTURAL STRAIN
TORQUE
YAWING MOMENTS

MOMENTUM

GS MOMENTUM
. ANGULAR MOMENTUM
RT CLASSICAL MECHANICS
DE BROGLIE WAVELENGTHS
 ∞ DYNAMICS
MOMENTS
 ∞ MOTION
MOTION AFTEREFFECTS
PENDULUMS
TURNING FLIGHT

MOMENTUM ENERGY

USE KINETIC ENERGY

MOMENTUM THEORY

RT CONSERVATION LAWS
NEWTON SECOND LAW
 ∞ THEORIES

MOMENTUM TRANSFER

RT ∞ DYNAMICS
ENERGY TRANSFER
GAS-LIQUID INTERACTIONS
HYDRODYNAMIC RAM EFFECT
KINETIC THEORY
KINETICS
PRANDTL NUMBER
TRANSFERRING

MONACO

GS NATIONS
. MONACO
RT EUROPE

MONATOMIC GASES

UF ATOMIC GASES
GS GASES
. MONATOMIC GASES
RT CHAPMAN-ENSKOG THEORY
MOLECULAR GASES
RARE GASES
REAL GASES

MONATOMIC MOLECULES

GS MOLECULES
. MONATOMIC MOLECULES
RT ATOMS
CHEMICAL BONDS
 ∞ CHEMICAL COMPOUNDS
IONS
LOW MOLECULAR WEIGHTS
 ∞ MOLECULAR PHYSICS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POSITIVE IONS

MONAURAL SIGNALS

RT AUDIO EQUIPMENT
AUDIO FREQUENCIES
AUDITORY PERCEPTION
AUDITORY SIGNALS
LOUDSPEAKERS
MICROPHONES
SOUND TRANSMISSION

MONAZITE SANDS

GS PHOSPHORUS COMPOUNDS
. PHOSPHATES
. MONAZITE SANDS
SEDIMENTS
. SANDS
. MONAZITE SANDS
SOILS
. SANDS
. MONAZITE SANDS
RT MINERALS
SEDIMENTARY ROCKS

MONEL (TRADEMARK)

GS ALLOYS
. NICKEL ALLOYS
. MONEL (TRADEMARK)

MONGE-AMPERE EQUATION

- GS ALGEBRA
 - . NONLINEAR EQUATIONS
 - . **MONGE-AMPERE EQUATION**
- ANALYSIS (MATHEMATICS)
 - . REAL VARIABLES
 - . DIFFERENTIAL EQUATIONS
 - . PARTIAL DIFFERENTIAL EQUATIONS
 - . ELLIPTIC DIFFERENTIAL EQUATIONS
 - . **MONGE-AMPERE EQUATION**
 - . NONLINEAR EQUATIONS
 - . **MONGE-AMPERE EQUATION**
- RT BOUNDARY VALUE PROBLEMS
- ∞ EQUATIONS

MONGOLIA

- GS NATIONS
 - . **MONGOLIA**
- RT ASIA

MONITORS

- RT AIRCRAFT INSTRUMENTS
- ALARM PROJECT
- ANALYZERS
- CONICAL SCANNING
- COUNTERS
- DATA RECORDERS
- ∞ DETECTORS
- DISPLAY DEVICES
- ENVIRONMENTAL MONITORING
- GAS DETECTORS
- HELMET MOUNTED DISPLAYS
- IN-FLIGHT MONITORING
- ∞ INSTRUMENTS
- MEASUREMENT
- MEASURING INSTRUMENTS
- OPTICAL SCANNERS
- POLLUTION MONITORING
- RADIATION MEASURING INSTRUMENTS
- SCANNING
- WARNING
- WARNING SYSTEMS

MONKEYS

- GS ANIMALS
 - . VERTEBRATES
 - . MAMMALS
 - . PRIMATES
 - . **MONKEYS**

MONOCHROMATIC RADIATION

- SN (LIMITED TO ELECTROMAGNETIC RADIATION)
- GS ELECTROMAGNETIC RADIATION
 - . **MONOCHROMATIC RADIATION**
- RT BEAMS (RADIATION)
- BRILLOUIN EFFECT
- COHERENT ELECTROMAGNETIC RADIATION
- COHERENT LIGHT
- ∞ FILTERS
- GAMMA RAYS
- INFRARED RADIATION
- IONIZING RADIATION
- LIGHT (VISIBLE RADIATION)
- LONG WAVE RADIATION
- MONOCHROMATIZATION
- MONOCHROMATORS
- POLARIZED ELECTROMAGNETIC RADIATION
- POLARIZED LIGHT
- ∞ RADIATION
- RADIO WAVES
- SHORT WAVE RADIATION
- ULTRAVIOLET RADIATION
- X RAYS

MONOCHROMATIZATION

- UF INTERFERENCE MONOCHROMATIZATION
- RT MONOCHROMATIC RADIATION
- PARTICLE ENERGY
- POLARIZATION (WAVES)

MONOCHROMATORS

- GS MEASURING INSTRUMENTS
 - . **MONOCHROMATORS**
- RADIATION SOURCES
 - . **MONOCHROMATORS**
- RT COMPARATORS
- DUOCHROMATORS
- GONIOMETERS
- LIGHT SOURCES
- MONOCHROMATIC RADIATION
- OPTICAL EQUIPMENT

MONOCHROMATORS--(cont.)

- OPTICAL MEASURING INSTRUMENTS
- PHOTOGONIOMETERS
- SPECTROPHOTOMETERS

MONOCOQUE STRUCTURES

- RT ∞ CYLINDERS
- SHELLS (STRUCTURAL FORMS)
- STRESSED-SKIN STRUCTURES
- ∞ STRUCTURES

MONOCRYSTALS

- USE SINGLE CRYSTALS

MONOCULAR VISION

- GS VISION
 - . **MONOCULAR VISION**
- RT HUMAN FACTORS ENGINEERING
- MOTION PERCEPTION
- PERCEPTION
- SPACE PERCEPTION

MONOETHANOLAMINE (MEA)

- GS AMINES
 - . **MONOETHANOLAMINE (MEA)**

MONOIDS

- GS ALGEBRA
 - . GROUP THEORY
 - . HOMOMORPHISMS
 - . **MONOIDS**

MONOLITHIC CIRCUITS

- USE INTEGRATED CIRCUITS

MONOMERS

- RT DIBASIC COMPOUNDS
- DIMERS
- MOLECULAR CHAINS
- OLIGOMERS
- ∞ POLYMERS
- PREPOLYMERS
- TRIMERS

MONOMOLECULAR FILMS

- GS THIN FILMS
 - . **MONOMOLECULAR FILMS**
 - . LANGMUIR-BLODGETT FILMS
- RT ENERGY ABSORPTION FILMS
- ∞ FILMS
- INTEGRATED OPTICS
- ∞ LAYERS
- MOLECULAR ELECTRONICS
- SURFACE LAYERS
- SURFACTANTS
- THIN LAYER CHROMATOGRAPHY

MONOPLANES

- GS **MONOPLANES**
 - . A-1 AIRCRAFT
 - . A-2 AIRCRAFT
 - . A-3 AIRCRAFT
 - . A-4 AIRCRAFT
 - . A-5 AIRCRAFT
 - . A-6 AIRCRAFT
 - . A-7 AIRCRAFT
 - . A-37 AIRCRAFT
 - . AN-2 AIRCRAFT
 - . AN-22 AIRCRAFT
 - . AN-24 AIRCRAFT
 - . ARGOSY MK-1 AIRCRAFT
 - . AVRO 707 AIRCRAFT
 - . B-26 AIRCRAFT
 - . B-47 AIRCRAFT
 - . B-50 AIRCRAFT
 - . B-52 AIRCRAFT
 - . B-57 AIRCRAFT
 - . B-58 AIRCRAFT
 - . B-66 AIRCRAFT
 - . B-70 AIRCRAFT
 - . BAC 111 AIRCRAFT
 - . BEECHCRAFT 18 AIRCRAFT
 - . BOEING 707 AIRCRAFT
 - . BOEING 720 AIRCRAFT
 - . BOEING 733 AIRCRAFT
 - . BOEING 737 AIRCRAFT
 - . BOEING 757 AIRCRAFT
 - . BOEING 767 AIRCRAFT
 - . BREGUET 940 AIRCRAFT
 - . BREGUET 941 AIRCRAFT
 - . BREGUET 1150 AIRCRAFT
 - . BUCCANEER AIRCRAFT
 - . C-2 AIRCRAFT
 - . C-33 AIRCRAFT
 - . C-35 AIRCRAFT
 - . C-46 AIRCRAFT
 - . C-47 AIRCRAFT
 - . C-54 AIRCRAFT
 - . C-118 AIRCRAFT
 - . C-121 AIRCRAFT
 - . C-123 AIRCRAFT
 - . C-124 AIRCRAFT
 - . C-130 AIRCRAFT
 - . C-131 AIRCRAFT
 - . C-133 AIRCRAFT
 - . C-135 AIRCRAFT
 - . C-140 AIRCRAFT
 - . C-141 AIRCRAFT
 - . C-160 AIRCRAFT
 - . CANBERRA AIRCRAFT
 - . CESSNA L-19 AIRCRAFT
 - . CESSNA 172 AIRCRAFT
 - . CESSNA 205 AIRCRAFT
 - . CESSNA 210 AIRCRAFT
 - . CESSNA 402B AIRCRAFT
 - . CL-41 AIRCRAFT
 - . CL-44 AIRCRAFT
 - . COMET 4 AIRCRAFT
 - . CV-340 AIRCRAFT
 - . CV-440 AIRCRAFT
 - . CV-880 AIRCRAFT
 - . CV-990 AIRCRAFT
 - . D-558 AIRCRAFT
 - . DC 3 AIRCRAFT
 - . DC 7 AIRCRAFT
 - . DC 8 AIRCRAFT
 - . DH 112 AIRCRAFT
 - . DH 115 AIRCRAFT
 - . DH 121 AIRCRAFT
 - . DH 125 AIRCRAFT
 - . DHC 2 AIRCRAFT
 - . DHC 4 AIRCRAFT
 - . DHC 5 AIRCRAFT
 - . DO-27 AIRCRAFT
 - . DO-28 AIRCRAFT
 - . DO-31 AIRCRAFT
 - . EC-121 AIRCRAFT
 - . ELECTRA AIRCRAFT
 - . F-2 AIRCRAFT
 - . F-5 AIRCRAFT
 - . F-8 AIRCRAFT
 - . F-9 AIRCRAFT
 - . F-17 AIRCRAFT
 - . F-27 AIRCRAFT
 - . F-28 TRANSPORT AIRCRAFT
 - . F-84 AIRCRAFT
 - . F-86 AIRCRAFT
 - . F-89 AIRCRAFT
 - . F-94 AIRCRAFT
 - . F-100 AIRCRAFT
 - . F-102 AIRCRAFT
 - . F-104 AIRCRAFT
 - . F-105 AIRCRAFT
 - . F-106 AIRCRAFT
 - . FD 2 AIRCRAFT
 - . G-1 AIRCRAFT
 - . G-91 AIRCRAFT
 - . G-95/4 AIRCRAFT
 - . G-222 AIRCRAFT
 - . GA-5 AIRCRAFT
 - . H-126 AIRCRAFT
 - . HFB-320 AIRCRAFT
 - . HP-115 AIRCRAFT
 - . HS-748 AIRCRAFT
 - . IL-14 AIRCRAFT
 - . IL-62 AIRCRAFT
 - . JET PROVOST AIRCRAFT
 - . JINDIVIK TARGET AIRCRAFT
 - . L-29 JET TRAINER
 - . LOCKHEED MODEL 18 AIRCRAFT
 - . MH-262 AIRCRAFT
 - . MIRAGE AIRCRAFT
 - . MIRAGE 3 AIRCRAFT
 - . MYSTERE 20 AIRCRAFT
 - . NORD 1500 AIRCRAFT
 - . OV-1 AIRCRAFT
 - . OV-10 AIRCRAFT
 - . P-3 AIRCRAFT
 - . P-51 AIRCRAFT
 - . P-166 AIRCRAFT
 - . P-308 AIRCRAFT
 - . P-1127 AIRCRAFT
 - . P-1154 AIRCRAFT
 - . PD-808 AIRCRAFT
 - . PHANTOM AIRCRAFT
 - . F-4 AIRCRAFT
 - . RB-50 AIRCRAFT
 - . RF-4 AIRCRAFT
 - . S-2 AIRCRAFT

MONOPLANES--(cont.)

- . SAAB 105 AIRCRAFT
- . SC-1 AIRCRAFT
- . SC-5 AIRCRAFT
- . SC-7 AIRCRAFT
- . SCIMITAR AIRCRAFT
- . SE-210 AIRCRAFT
- . SHACKLETON BOMBER
- . T-2 AIRCRAFT
- . T-28 AIRCRAFT
- . T-33 AIRCRAFT
- . T-37 AIRCRAFT
- . T-38 AIRCRAFT
- . T-39 AIRCRAFT
- . TS-11 AIRCRAFT
- . TSR-2 AIRCRAFT
- . TU-104 AIRCRAFT
- . TU-124 AIRCRAFT
- . TU-134 AIRCRAFT
- . U-2 AIRCRAFT
- . U-10 AIRCRAFT
- . VALIANT AIRCRAFT
- . VC-10 AIRCRAFT
- . VICTOR MK-1 AIRCRAFT
- . VISCOUNT AIRCRAFT
- . VJ-101 AIRCRAFT
- . X-1 AIRCRAFT
- . X-2 AIRCRAFT
- . X-3 AIRCRAFT
- . X-5 AIRCRAFT
- . X-13 AIRCRAFT
- . X-14 AIRCRAFT
- . X-21 AIRCRAFT
- . X-21A AIRCRAFT
- . XC-142 AIRCRAFT
- . XV-4 AIRCRAFT
- . XV-5 AIRCRAFT
- . YS-11 AIRCRAFT
- . Z-37 AIRCRAFT
- RT AERODYNAMIC CONFIGURATIONS
- ∞ AIRCRAFT
- ∞ AIRFOILS
- ∞ BIPLANES
- ∞ CARGO AIRCRAFT
- ∞ GLIDERS
- ∞ LOW WING AIRCRAFT
- ∞ SEAPLANES
- ∞ TAILLESS AIRCRAFT
- ∞ WATER TAKEOFF AND LANDING AIRCRAFT
- ∞ WING PLANFORMS
- ∞ WING PROFILES
- ∞ WINGED VEHICLES

MONOPOLE ANTENNAS

- UF SPIKE ANTENNAS
- GS ANTENNAS
- . OMNIDIRECTIONAL ANTENNAS
- . . . **MONOPOLE ANTENNAS**
- . . . WHIP ANTENNAS
- RT ANTENNA DESIGN
- . DIPOLE ANTENNAS
- . LOOP ANTENNAS
- . MONOPOLES
- ∞ SPIKES

MONOPOLES

- GS **MONOPOLES**
- . MAGNETIC MONOPOLES
- RT ∞ DIPOLES
- . MONOPOLE ANTENNAS
- . MULTIPOLES
- ∞ POLES

MONOPROPELLANTS

- GS FUELS
- . **MONOPROPELLANTS**
- . . . AEROZINE
- . . . PROPELLANTS
- . . . ROCKET PROPELLANTS
- . . . LIQUID ROCKET PROPELLANTS
- . . . **MONOPROPELLANTS**
- AEROZINE
- RT AIRCRAFT FUELS
- . CHEMICAL FUELS
- . GASEOUS ROCKET PROPELLANTS
- . GELLED ROCKET PROPELLANTS
- . METAL PROPELLANTS
- . PLASTIC PROPELLANTS
- . PROPELLANT DECOMPOSITION
- . SLURRY PROPELLANTS
- . SOLID ROCKET PROPELLANTS

MONOPULSE ANTENNAS

- GS ANTENNAS

MONOPULSE ANTENNAS--(cont.)

- . **MONOPULSE ANTENNAS**
- RT DIRECTIONAL ANTENNAS
- . PHASED ARRAYS
- . WAVEGUIDE ANTENNAS

MONOPULSE RADAR

- GS RADAR
- . PULSE RADAR
- . . . PULSE DOPPLER RADAR
- . . . **MONOPULSE RADAR**
- RT DOPPLER RADAR
- . DUPLEXERS
- . RADAR TRACKING
- . TRACKING RADAR

MONOSACCHARIDES

- GS ORGANIC COMPOUNDS
- . CARBOHYDRATES
- . . . SUGARS
- . . . **MONOSACCHARIDES**
- HEXOSES
- GALACTOSE
- GLUCOSE
- PENTOSE
- RIBOSE
- XYLOSE

MONOSCOPES

- GS TELEVISION EQUIPMENT
- . **MONOSCOPES**
- RT CAMERA TUBES
- . ELECTRON BEAMS
- . IMAGE TUBES
- . SECONDARY EMISSION
- ∞ TEST EQUIPMENT

MONOSTABLE MULTIVIBRATORS

- GS CIRCUITS
- . MULTIVIBRATORS
- . **MONOSTABLE MULTIVIBRATORS**

MONOTECTIC ALLOYS

- GS ALLOYS
- . **MONOTECTIC ALLOYS**
- RT COMPOSITE MATERIALS
- ∞ MATRICES
- . METAL MATRIX COMPOSITES
- . METALS

MONOTONE FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
- . **MONOTONE FUNCTIONS**
- RT ANALYSIS (MATHEMATICS)
- . CALCULUS
- . REAL VARIABLES

MONOTONY

- RT BOREDOM
- . LETHARGY
- . SENSORY DEPRIVATION

MONSOONS

- GS WIND (METEOROLOGY)
- . **MONSOONS**
- RT ANNUAL VARIATIONS
- . ATMOSPHERIC CIRCULATION
- . GROUND WIND
- . PRECIPITATION (METEOROLOGY)
- . SEA BREEZE

MONTANA

- GS NATIONS
- . UNITED STATES
- . . . **MONTANA**
- RT BIGHORN MOUNTAINS (MT-WY)
- . MISSOURI RIVER (US)
- . WILLISTON BASIN (NORTH AMERICA)
- . YELLOWSTONE NATIONAL PARK (ID-MT-WY)

MONTE CARLO METHOD

- GS ANALYSIS (MATHEMATICS)
- . NUMERICAL ANALYSIS
- . . . **MONTE CARLO METHOD**
- RT DIFFUSION THEORY
- . EXPECTANCY HYPOTHESIS
- . GAME THEORY
- . MARKOV CHAINS
- . MATHEMATICAL MODELS
- ∞ METHODOLOGY
- . PROBABILITY THEORY
- . RANDOM PROCESSES
- . RANDOM WALK

MONTE CARLO METHOD--(cont.)

- . RENORMALIZATION GROUP METHODS
- . SIMULATION
- . STATISTICAL ANALYSIS
- . STOCHASTIC PROCESSES
- . TRANSPORT THEORY

MONTEREY BAY (CA)

- GS BAYS (TOPOGRAPHIC FEATURES)
- . **MONTEREY BAY (CA)**
- RT CALIFORNIA
- . PACIFIC OCEAN

MONTH

- UF LUNATION
- RT CALENDARS
- . TIME
- . UNITS OF MEASUREMENT

MONTICELLITE

- GS CALCIUM COMPOUNDS
- . **MONTICELLITE**
- . MAGNESIUM COMPOUNDS
- . **MONTICELLITE**
- . MINERALS
- . **MONTICELLITE**
- . SILICON COMPOUNDS
- . SILICATES
- . . . **MONTICELLITE**
- RT OLIVINE

MONTMORILLONITE

- GS ALUMINUM COMPOUNDS
- . ALUMINUM SILICATES
- . . . **MONTMORILLONITE**
- . CLAYS
- . **MONTMORILLONITE**
- . MINERALS
- . **MONTMORILLONITE**
- . SILICON COMPOUNDS
- . SILICATES
- . . . ALUMINUM SILICATES
- . . . **MONTMORILLONITE**
- RT BENTONITE

MOODS

- RT EMOTIONAL FACTORS
- . EMOTIONS
- . PSYCHOLOGICAL EFFECTS
- . PSYCHOLOGICAL FACTORS
- . SENSORY FEEDBACK

MOON

- GS CELESTIAL BODIES
- . NATURAL SATELLITES
- . . . **MOON**
- RT EARTH-MOON SYSTEM
- . LIGHT SOURCES
- . LUNAR ATMOSPHERE
- . LUNAR BASES
- . LUNAR COMMUNICATION
- . LUNAR COMPOSITION
- . LUNAR CRATERS
- . LUNAR CRUST
- . LUNAR DUST
- . LUNAR ECLIPSES
- . LUNAR ENVIRONMENT
- . LUNAR EVOLUTION
- . LUNAR EXPLORATION
- . LUNAR FAR SIDE
- . LUNAR GEOLOGY
- . LUNAR GRAVITATION
- . LUNAR LANDING SITES
- . LUNAR LIMB
- . LUNAR LUMINESCENCE
- . LUNAR MAGNETIC FIELDS
- . LUNAR MAPS
- . LUNAR OCCULTATION
- . LUNAR ORBITS
- . LUNAR PHASES
- . LUNAR PHOTOGRAPHY
- . LUNAR RAYS
- . LUNAR SHADOW
- . LUNAR SOIL
- . LUNAR TEMPERATURE
- . LUNAR TOPOGRAPHY
- . SELENOGRAPHY
- . SELENOLOGY
- . TERRAFORMING

MOON ILLUSION

- GS PSYCHOLOGICAL EFFECTS
- . ILLUSIONS
- . . . **MOON ILLUSION**
- RT OPTICAL ILLUSION

MOON ILLUSION--(cont.)
 SENSORY FEEDBACK

MOON-EARTH TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . LUNAR TRAJECTORIES
 . . . **MOON-EARTH TRAJECTORIES**
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCULUNAR TRAJECTORIES
 EARTH-MOON TRAJECTORIES
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 LUNAR FLIGHT
 MASS DRIVERS
 ORBITAL MECHANICS
 REENTRY TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 TRANSFER ORBITS

MOONLETS

GS CELESTIAL BODIES
 . **MOONLETS**
 RT JUPITER RINGS
 NATURAL SATELLITES
 PLANETARY RINGS
 SATURN RINGS
 URANUS RINGS

MOONQUAKES

GS SEISMOLOGY
 . **MOONQUAKES**
 RT LUNAR GEOLOGY
 LUNAR TIDES
 PLANETARY QUAKES
 SELENOLOGY

MOONS

USE NATURAL SATELLITES

MOORING

UF MOORINGS
 RT AIRPORTS
 ANCHORS (FASTENERS)
 FASTENERS
 ∞ JOINING
 MATERIALS HANDLING
 MULTIPLE DOCKING ADAPTERS
 SPACECRAFT DOCKING

MOORINGS

USE MOORING

MOPS (PROPULSION SYSTEMS)

USE MAN OPERATED PROPULSION SYSTEMS

MORAINES

USE GLACIAL DRIFT

MORALE

RT CREATIVITY
 DISCIPLINING
 LEADERSHIP
 MOTIVATION
 PRODUCTIVITY
 PSYCHOLOGY
 RECREATION

MOREHOUSE COMET

GS CELESTIAL BODIES
 . COMETS
 . . **MOREHOUSE COMET**
 RT SOLAR SYSTEM

MORL

USE MANNED ORBITAL LABORATORIES

MORNING

RT DAYTIME
 SUNRISE

MOROCCO

GS NATIONS

MOROCCO--(cont.)

. **MOROCCO**
 RT AFRICA

MORPHINE

GS BASES (CHEMICAL)
 . ALKALOIDS
 . . **MORPHINE**
 DRUGS
 . NARCOTICS
 . . **MORPHINE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **MORPHINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **MORPHINE**

MORPHOLOGICAL INDEXES

GS RATIOS
 . INDEXES (RATIOS)
 . . **MORPHOLOGICAL INDEXES**
 RT MORPHOLOGY

MORPHOLOGY

GS **MORPHOLOGY**
 . GEOMORPHOLOGY
 . ISOMORPHISM
 . LUNG MORPHOLOGY
 . POLYMORPHISM
 RT ANATOMY
 ∞ BIOLOGY
 DIFFERENTIATION (BIOLOGY)
 GEOLOGY
 HISTOLOGY
 ∞ MATHEMATICS
 MORPHOLOGICAL INDEXES
 SHAPES
 VESTIBULES

MORPHOTROPISM

USE ISOMORPHISM

MORSE CODE

RT ∞ CODES
 COMMUNICATING
 KEYING
 RADIO TELEGRAPHY
 TELECOMMUNICATION

MORSE POTENTIAL

RT DIATOMIC MOLECULES
 KINETIC THEORY
 POTENTIAL ENERGY

MORTALITY

RT AGING (BIOLOGY)
 DEATH
 EXPIRATION
 LIFE SPAN
 MILLS RATIO

MORTARS (MATERIAL)

RT ADMIXTURES
 BRICKS
 CEMENTS
 CERAMICS
 CONCRETES
 GROUT
 MASONRY
 PLASTERS
 REFRACTORIES

MOS (JAPANESE SPACECRAFT)

USE JAPANESE SPACECRAFT

MOS (SEMICONDUCTORS)

USE METAL OXIDE SEMICONDUCTORS

MOSAICS

RT ASSEMBLIES
 DIFFRACTION
 FOCAL PLANE DEVICES
 ∞ NETWORKS
 PHOTOGRAPHS

MOSCOW

GS CITIES
 . **MOSCOW**
 RT U.S.S.R.

MOSFET

USE FIELD EFFECT TRANSISTORS

MOSS (SPACE STATIONS)

USE SPACE STATIONS

MOSSBAUER EFFECT

RT CRYSTAL LATTICES
 ∞ EFFECTS
 ELECTROMAGNETIC ABSORPTION
 FLUORESCENCE
 GAMMA RAYS
 LASER INDUCED FLUORESCENCE
 RESONANCE SCATTERING
 RESONANT FREQUENCIES

MOSSES

USE BRYOPHYTES

MOT (ORBITAL TELESCOPES)

USE MANNED ORBITAL TELESCOPES

MOTHS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 **MOTHS**
 SILKWORMS
 RT BOLLWORMS
 INFESTATION

MOTILITY

USE LOCOMOTION

∞ MOTION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

UF MOVEMENT
 RT ACCELERATION (PHYSICS)
 ATTITUDE (INCLINATION)
 BROWNIAN MOVEMENTS
 DISPLACEMENT
 DOMAIN WALL
 GLIDING
 GYRATION
 HARMONIC MOTION
 HEAD MOVEMENT
 HEAVING
 HIGH ACCELERATION
 IMMOBILIZATION
 INERTIA
 ION MOTION
 IONIC MOBILITY
 KINEMATICS
 LIBRATION
 MOMENTUM
 NUTATION
 ORBITS
 OSCILLATIONS
 OSCILLATORS
 PARTICLE MOTION
 PARTICLE TRAJECTORIES
 PITCH (INCLINATION)
 ROTATION
 SACCADIC EYE MOVEMENTS
 SOLAR ORBITS
 SPACECRAFT MOTION
 SPACECRAFT TRAJECTORIES
 STELLAR MOTIONS
 SWARMING
 TEETERING
 TRANSIT TIME
 TRANSLATIONAL MOTION
 TUMBLING MOTION
 TURBULENCE
 VELOCITY
 VERTICAL MOTION
 VERTICAL MOTION SIMULATORS
 VIBRATION
 VISCOSITY
 YAW

MOTION AFTEREFFECTS

RT EQUATIONS OF MOTION
 KINETICS
 MOMENTUM

MOTION EQUATIONS

USE EQUATIONS OF MOTION

MOTION PERCEPTION

GS PERCEPTION

MOTION PERCEPTION--(cont.)

MOTION PERCEPTION
 RT BINOCULAR VISION
 MONOCULAR VISION
 VISUAL PERCEPTION

MOTION PICTURES

UF CINEFLUOROGRAPHY
 CINERADIOGRAPHY
 GS PHOTOGRAPHS
MOTION PICTURES
 RT ANIMATION
 CHRONOPHOTOGRAPHY
 CINEMATOGRAPHY
 COMPUTER ANIMATION
 GRAPHIC ARTS
 PROJECTORS
 SUPPLEMENTS
 VIDEO EQUIPMENT
 VIDEO TAPES

MOTION SICKNESS

UF AIR SICKNESS
 RT ACCELERATION STRESSES
 (PHYSIOLOGY)
 AEROSPACE MEDICINE
 HEAD MOVEMENT
 NAUSEA
 SPACE ADAPTATION SYNDROME
 VOMITING

MOTION SICKNESS DRUGS

GS DRUGS
MOTION SICKNESS DRUGS
 RT PHARMACOLOGY

MOTION SIMULATION

GS HUMAN FACTORS ENGINEERING
MOTION SIMULATION
 SIMULATION
MOTION SIMULATION
 RT FLIGHT SIMULATION
 FLIGHT SIMULATORS
 MOTION SIMULATORS
 VIRTUAL REALITY

MOTION SIMULATORS

GS SIMULATORS
MOTION SIMULATORS
 RT COMPUTERIZED SIMULATION
 CONTROL SIMULATION
 FLIGHT SIMULATORS
 MOTION SIMULATION
 SPACE ENVIRONMENT SIMULATION
 TEST FACILITIES

MOTION STABILITY

GS DYNAMIC CHARACTERISTICS
 DYNAMIC STABILITY
MOTION STABILITY
 AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 HOVERING STABILITY
 ATTITUDE STABILITY
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 FLOW STABILITY
 BOUNDARY LAYER STABILITY
 FLAME STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY
 LOW SPEED STABILITY
 ROTARY STABILITY
 GYROSCOPIC STABILITY
 SPACECRAFT STABILITY
 STABILITY
 DYNAMIC STABILITY
MOTION STABILITY
 AERODYNAMIC STABILITY
 AIRCRAFT STABILITY
 HOVERING STABILITY
 ATTITUDE STABILITY
 DIRECTIONAL STABILITY
 GYROSCOPIC STABILITY
 LATERAL STABILITY
 LONGITUDINAL STABILITY
 FLOW STABILITY
 BOUNDARY LAYER STABILITY
 FLAME STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 WEIBEL INSTABILITY

MOTION STABILITY--(cont.)

LOW SPEED STABILITY
 ROTARY STABILITY
 GYROSCOPIC STABILITY
 SPACECRAFT STABILITY
 RT COMBUSTION STABILITY
 CONTROL STABILITY
 DYNAMIC TESTS
 ROUGHNESS
 SEA KEEPING
 SPACECRAFT MOTION
 STABLE OSCILLATIONS
 SURFACE STABILITY

MOTIVATION

GS **MOTIVATION**
 CONTRACT INCENTIVES
 RT ∞ DRIVES
 INCENTIVES
 LEARNING
 MORALE
 REINFORCEMENT (PSYCHOLOGY)
 SELF STIMULATION
 ∞ STIMULI

MOTOR SYSTEMS (BIOLOGY)

USE EFFERENT NERVOUS SYSTEMS

MOTOR VEHICLES

GS SURFACE VEHICLES
MOTOR VEHICLES
 AUTOMATED MIXED TRAFFIC VEHICLES
 AUTOMOBILES
 ELECTRIC AUTOMOBILES
 ELECTRIC MOTOR VEHICLES
 TRACTORS
 CRAWLER TRACTORS
 TRACKED VEHICLES
 TRUCKS
 TANK TRUCKS
 RT TRANSPORTATION
 ∞ VEHICLES

MOTORS

SN (LIMITED TO MACHINES SUPPLIED WITH
 EXTERNAL ENERGY WHICH IS
 CONVERTED INTO FORCE AND/OR
 MOTION--SEE ENGINES FOR MACHINES
 WITH SELF-CONTAINED POWER
 SOURCES)
 GS **MOTORS**
 ELECTRIC MOTORS
 ASYNCHRONOUS MOTORS
 INDUCTION MOTORS
 MICROMOTORS
 STEPPING MOTORS
 SYNCHRONOUS MOTORS
 TORQUE MOTORS
 SERVO MOTORS
 RT APOGEE BOOST MOTORS
 ∞ ELECTRIC EQUIPMENT
 ENERGY CONVERSION EFFICIENCY
 ENGINES
 ∞ GENERATORS
 HYDRAULIC EQUIPMENT
 STATORS

MOTS (TRACKING SYSTEM)

USE MINITRACK SYSTEM

MOUNTAIN INHABITANTS

GS COMMUNITIES
 INHABITANTS
MOUNTAIN INHABITANTS
 RT ALTITUDE ACCLIMATIZATION
 HIGH ALTITUDE ENVIRONMENTS
 LOW TEMPERATURE ENVIRONMENTS

MOUNTAINS

GS LANDFORMS
MOUNTAINS
 ADIRONDACK MOUNTAINS (NY)
 ALPS MOUNTAINS (EUROPE)
 ANDES MOUNTAINS (SOUTH AMERICA)
 APPALACHIAN MOUNTAINS (NORTH AMERICA)
 BIGHORN MOUNTAINS (MT-WY)
 BLACK HILLS (SD-WY)
 CARPATHIAN MOUNTAINS (EUROPE)
 CASCADE RANGE (CA-OR-WA)
 CAUCASUS MOUNTAINS (U.S.S.R.)
 COASTAL RANGES (CA)
 GREAT SMOKY MOUNTAINS (NC-TN)

MOUNTAINS--(cont.)

HIMALAYAS
 PENINSULAR RANGES (CA)
 PYRENEES MOUNTAINS (EUROPE)
 ROCKY MOUNTAINS (NORTH AMERICA)
 SAN JUAN MOUNTAINS (CO)
 SIERRA NEVADA MOUNTAINS (CA)
 WIND RIVER RANGE (WY)
 WRANGELL MOUNTAINS (AK)
 RT CENTRAL PIEDMONT (US)
 CIRQUES (LANDFORMS)
 CONES (VOLCANOES)
 CONTINENTS
 DIVIDES (LANDFORMS)
 FORMATIONS
 GAPS (GEOLOGY)
 GEOMORPHOLOGY
 HIGHLANDS
 MARS VOLCANOES
 MASSIFS
 MESAS
 OROGRAPHY
 ∞ PEAKS
 PEAKS (LANDFORMS)
 PIEDMONTS
 PIKE'S PEAK (CO)
 ∞ RIDGES
 TERRACES (LANDFORMS)
 VOLCANOES
 VOLCANOLOGY
 WATERSHEDS

MOUNTING

GS **MOUNTING**
 RIGID MOUNTING
 RT ASSEMBLING
 ∞ ATTACHMENT
 BRACKETS
 ∞ JOINING
 SUSPENDING (HANGING)

MOUNTS

USE SUPPORTS

MOUTH

GS ANATOMY
 DIGESTIVE SYSTEM
MOUTH
 FACE (ANATOMY)
MOUTH
 LIPS (ANATOMY)
 RT SALIVARY GLANDS
 TEETH
 TONGUE

MOVEMENT

USE MOTION

MOVING TARGET INDICATORS

UF MTI RADAR
 GS RADAR
 RT **MOVING TARGET INDICATORS**
 CANCELLATION CIRCUITS
 COHERENT RADAR
 DOPPLER RADAR
 OVER-THE-HORIZON RADAR
 RADAR CROSS SECTIONS
 RADAR TRACKING
 TARGET ACQUISITION

MOZAMBIQUE

GS NATIONS
MOZAMBIQUE
 RT AFRICA

MPP (COMPUTERS)

USE MASSIVELY PARALLEL PROCESSORS

MR-3 FLIGHT

USE MERCURY MR-3 FLIGHT

MRAC (SYSTEMS)

USE MODEL REFERENCE ADAPTIVE CONTROL

MRCA AIRCRAFT

UF MULTI-ROLE COMBAT AIRCRAFT
 TORNADO AIRCRAFT
 RT ∞ AIRCRAFT
 ATTACK AIRCRAFT
 FIGHTER AIRCRAFT
 ∞ MILITARY AIRCRAFT

MRKOS COMET

GS CELESTIAL BODIES
 . COMETS
 . . **MRKOS COMET**
 RT SOLAR SYSTEM

MSAT

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . **MSAT**
 RT GROUND STATIONS
 LAND MOBILE SATELLITE SERVICE
 MARITIME SATELLITES
 MOBILE COMMUNICATION SYSTEMS
 RADIO COMMUNICATION
 RADIO RELAY SYSTEMS
 SATELLITE TRANSMISSION

MSBLS

USE MICROWAVE SCANNING BEAM LANDING
 SYSTEM

MSM (SEMICONDUCTORS)

UF METAL-SEMICONDUCTOR-METAL
 SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . **MSM (SEMICONDUCTORS)**
 RT MIM DIODES
 PHOTODIODES
 SCHOTTKY DIODES
 SEMICONDUCTOR JUNCTIONS
 SIS (SEMICONDUCTORS)

MSRE REACTORS

USE MOLTEN SALT NUCLEAR REACTORS

MTBF

UF MEAN TIME BETWEEN FAILURES
 GS TIME
 . **MTBF**
 RT DOWNTIME
 FAILURE ANALYSIS
 FAILURE MODES
 LIFE (DURABILITY)
 RATES (PER TIME)
 RELIABILITY
 STATISTICAL ANALYSIS

MTF

USE MODULATION TRANSFER FUNCTION

MTFF (SPACE STATION)

USE MAN TENDED FREE FLYERS

MTI RADAR

USE MOVING TARGET INDICATORS

MUBIS (SCANNERS)

USE MULTIPLE BEAM INTERVAL SCANNERS

MUCOCELES

GS CYSTS
 . **MUCOCELES**
 RT ∞ BLISTERS

MUCUS

GS BODY FLUIDS
 . **MUCUS**
 RT SALIVA

MUD

GS SEDIMENTS
 . **MUD**
 SOILS
 . **MUD**
 RT ALLUVIUM
 CLAYS
 FANS (LANDFORMS)
 GROUT
 OCEAN BOTTOM
 RAIN EROSION
 SLUDGE
 TIDAL FLATS

MUFFLERS

RT ACOUSTIC RETROFITTING
 AIRCRAFT NOISE
 ATTENUATORS
 BAFFLES
 DAMPING
 ∞ DIFFUSERS
 ∞ EXHAUST SYSTEMS

MUFFLERS--(cont.)

FURNACES
 JET AIRCRAFT NOISE
 NOISE (SOUND)
 NOISE REDUCTION
 PROPELLER NOISE
 ROCKET ENGINE NOISE
 SILENCERS
 SUPPRESSORS

MULBERRY (ALLOY)

GS ALLOYS
 . **MULBERRY (ALLOY)**
 RT ANTIMONY ALLOYS
 MOLYBDENUM ALLOYS

MULLITES

RT ALUMINUM SILICATES
 MINERALS

MULTI-ANODE MICROCHANNEL ARRAYS

GS ARRAYS
 . **MULTI-ANODE MICROCHANNEL ARRAYS**
 RT ANODES
 MICROCHANNELS
 RADIATION DETECTORS
 SPACEBORNE TELESCOPES
 TELESCOPES
 X RAY DETECTORS

MULTI-ROLE COMBAT AIRCRAFT

USE MRCA AIRCRAFT

MULTIBEAM ANTENNAS

GS ANTENNAS
 . **MULTIBEAM ANTENNAS**
 RT BEAMS (RADIATION)
 LENS ANTENNAS
 MICROWAVE ANTENNAS
 REFLECTOR ANTENNAS
 SATELLITE ANTENNAS
 SATELLITE COMMUNICATION

MULTICHANNEL COMMUNICATION

GS TELECOMMUNICATION
 . **MULTICHANNEL COMMUNICATION**
 RT CODE DIVISION MULTIPLE ACCESS
 INTERFERENCE FACTOR TABLE
 MULTIPLE ACCESS
 RADIO TRANSMITTERS
 TELECONFERENCING
 TIME DIVISION MULTIPLE ACCESS

MULTICHANNEL PLATES

USE MICROCHANNEL PLATES

MULTIENGINE VEHICLES

RT ∞ AIRCRAFT
 B-1 AIRCRAFT
 LAUNCH VEHICLES
 LIGHT TRANSPORT AIRCRAFT
 MISSILE CONFIGURATIONS
 MISSILES
 MULTISTAGE ROCKET VEHICLES
 RECOVERABLE LAUNCH VEHICLES
 ROCKET VEHICLES
 ∞ VEHICLES

MULTIGRID METHODS

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **MULTIGRID METHODS**
 RT COMPUTATIONAL FLUID DYNAMICS
 COMPUTATIONAL GRIDS
 FINITE DIFFERENCE THEORY
 FINITE ELEMENT METHOD
 GRID GENERATION (MATHEMATICS)
 ITERATION
 ITERATIVE SOLUTION

MULTILAYER INSULATION

GS INSULATION
 . **MULTILAYER INSULATION**
 INTERLAYERS
 . **MULTILAYER INSULATION**
 RT COMPOSITE MATERIALS
 CRYOGENIC FLUID STORAGE
 FABRICS
 ∞ FOILS
 FOILS (MATERIALS)
 LAMINATES
 ∞ LAYERS

MULTILAYER INSULATION--(cont.)

METAL FOILS
 PLY ORIENTATION
 SANDWICH STRUCTURES
 ∞ SHEETS

MULTILAYER STRUCTURES

USE LAMINATES

MULTILOOP SYSTEMS

USE CASCADE CONTROL

MULTIMEDIA

UF HYPERMEDIA
 INTERACTIVE MULTIMEDIA
 INTERMEDIA
 RT AUDIO VISUAL EQUIPMENT
 AUDIO VISUAL MATERIAL
 COMPUTER GRAPHICS
 GRAPHIC ARTS
 IMAGING TECHNIQUES
 INFORMATION SYSTEMS
 TELECONFERENCING
 TRAINING DEVICES
 VIDEO COMMUNICATION
 VIDEO DATA
 VIDEO TAPE RECORDERS
 VIDEO TAPES
 VISUAL AIDS
 VOICE COMMUNICATION

MULTIMISSION MODULAR SPACECRAFT

UF MMS
 RT BESS (SATELLITE)
 LANDSAT FOLLOW-ON MISSIONS
 SATELLITE NETWORKS
 SOLAR MAXIMUM MISSION

MULTIMODE RESONATORS

GS RESONATORS
 . **MULTIMODE RESONATORS**
 RT CAVITY RESONATORS
 MAGNETRONS
 PROPAGATION MODES

MULTIPACTOR DISCHARGES

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **MULTIPACTOR DISCHARGES**
 RT LINEAR ACCELERATORS
 PHOTOMULTIPLIER TUBES
 SECONDARY EMISSION
 SPARK GAPS

MULTIPATH TRANSMISSION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . RADIO TRANSMISSION
 . . . **MULTIPATH TRANSMISSION**
 . SIGNAL TRANSMISSION
 . . RADIO TRANSMISSION
 . . . **MULTIPATH TRANSMISSION**
 RT CEPSTRAL ANALYSIS
 DIFFRACTION PATHS
 FERMAT PRINCIPLE
 MULTISTATIC RADAR
 OPTICAL PATHS
 ∞ PATHS
 RADIO WAVES
 SOUND TRANSMISSION
 WAVE PROPAGATION

MULTIPHASE FLOW

UF MIXED FLOW
 GS FLUID FLOW
 . **MULTIPHASE FLOW**
 . . TWO PHASE FLOW
 RT CONICAL FLOW
 CRITICAL FLOW
 CROCCO-LEE THEORY
 FLOW DISTORTION
 FLOW MEASUREMENT
 GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 ORIFICE FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW

MULTIPHASE FLOW--(cont.)

SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

MULTIPHOTON ABSORPTION

GS ENERGY ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
MULTIPHOTON ABSORPTION
RT ∞ ABSORPTION
PHOTON ABSORPTIOMETRY

MULTIPLE ACCESS

GS TELECOMMUNICATION
MULTIPLE ACCESS
ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
DEMAND ASSIGNMENT MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
SIGNAL TRANSMISSION
DATA TRANSMISSION
MULTIPLE ACCESS
ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE ACCESS
ACCESS CONTROL
FREQUENCY DIVISION MULTIPLEXING
MULTICHANNEL COMMUNICATION
PACKET SWITCHING
PULSE COMMUNICATION
WIDEBAND COMMUNICATION

MULTIPLE BEAM INTERVAL SCANNERS

UF MUBIS (SCANNERS)
GS ANTENNAS
MULTIPLE BEAM INTERVAL SCANNERS
RT LINEAR ARRAYS
RADAR SCANNING

MULTIPLE DOCKING ADAPTERS

UF MDA
GS ADAPTERS
MULTIPLE DOCKING ADAPTERS
RT AIRLOCK MODULES
MOORING
ORBITAL RENDEZVOUS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING

MULTIPLE FREQUENCY RADAR

USE MULTISPECTRAL RADAR

MULTIPLE INPUT MULTIPLE OUTPUT

USE MIMO (CONTROL SYSTEMS)

MULTIPLE INSTRUCTION MULTIPLE DATA STREAM

USE MIMD (COMPUTERS)

MULTIPLE OUTPUT PROGRAMS

GS COMPUTER PROGRAMS
MULTIPLE OUTPUT PROGRAMS
RT MULTIPROGRAMMING
READOUT
TIME SHARING

MULTIPLE TARGET TRACKING

GS TRACKING (POSITION)
MULTIPLE TARGET TRACKING
RT OPTICAL TRACKING
RADAR TARGETS
RADAR TRACKING
TARGET ACQUISITION
TARGET RECOGNITION
TARGETS
TRACKING FILTERS
TRACKING PROBLEM

MULTIPLE TARGET TRAJECTORY SYSTEMS

USE MATTS (SYSTEMS)

MULTIPLETS

USE FINE STRUCTURE

MULTIPLEX TRANSMISSION

USE MULTIPLEXING

MULTIPLEXERS

USE MULTIPLEXING

MULTIPLEXING

UF MULTIPLEX TRANSMISSION
MULTIPLEXERS
TRANSMISSION
MULTIPLEXING
CODE DIVISION MULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
TIME DIVISION MULTIPLEXING
WAVELENGTH DIVISION
MULTIPLEXING
RT ACCESS CONTROL
CARRIER FREQUENCIES
CODE DIVISION MULTIPLE ACCESS
DATA TRANSMISSION
DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLE ACCESS
PULSE COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION

MULTIPLICATION

GS NUMBER THEORY
MULTIPLICATION
RT ARITHMETIC
COMPUTATION
FRINGE MULTIPLICATION

MULTIPLIER PHOTOTUBES

USE PHOTOMULTIPLIER TUBES

MULTIPLIERS

GS MULTIPLIERS
CHANNEL MULTIPLIERS
LAGRANGE MULTIPLIERS
LOGIC CIRCUITS
PHOTOMULTIPLIER TUBES
RT

MULTIPOLAR FIELDS

RT CONTINUUM MECHANICS
FIELD THEORY (PHYSICS)
GRAVITATIONAL FIELDS
MAGNETIC FIELDS
MULTIPOLES

MULTIPOLES

RT MONOPOLES
MULTIPOLAR FIELDS

MULTIPROCESSING (COMPUTERS)

GS DATA PROCESSING
MULTIPROCESSING (COMPUTERS)
RT ASSOCIATIVE PROCESSING (COMPUTERS)
COMPUTERS
CONCURRENT PROCESSING
CONNECTION MACHINE
DATA PROCESSING EQUIPMENT
HYPERCUBE MULTIPROCESSORS
INTERPROCESSOR COMMUNICATION
MULTIPROGRAMMING
PARALLEL PROGRAMMING
PIPELINING (COMPUTERS)
REAL TIME OPERATION
SUPERCOMPUTERS
TIME SHARING
VECTOR PROCESSING (COMPUTERS)

MULTIPROGRAMMING

UF MULTITASKING (COMPUTERS)
GS SOFTWARE ENGINEERING
COMPUTER PROGRAMMING
MULTIPROGRAMMING
RT MACHINE-INDEPENDENT PROGRAMS
MULTIPLE OUTPUT PROGRAMS
MULTIPROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)
 ∞ PROGRAMMING
TIME SHARING

MULTIPROPELLANTS

USE ROCKET PROPELLANTS

MULTIRADAR TRACKING

USE RADAR NETWORKS

MULTISENSOR APPLICATIONS

RT IMAGE PROCESSING
IMAGING TECHNIQUES
PATTERN RECOGNITION
REMOTE SENSING
REMOTE SENSORS

MULTISPECTRAL BAND CAMERAS

GS OPTICAL EQUIPMENT
CAMERAS
MULTISPECTRAL BAND CAMERAS
PHOTOGRAPHIC EQUIPMENT
CAMERAS
MULTISPECTRAL BAND CAMERAS
RT INFRARED PHOTOGRAPHY
PHOTOGRAPHY

MULTISPECTRAL BAND SCANNERS

GS OPTICAL EQUIPMENT
OPTICAL SCANNERS
MULTISPECTRAL BAND SCANNERS
THEMATIC MAPPERS (LANDSAT)
SCANNERS
OPTICAL SCANNERS
MULTISPECTRAL BAND SCANNERS
THEMATIC MAPPERS (LANDSAT)
RT BAND RATIOING
CHANGE DETECTION
COASTAL ZONE COLOR SCANNER
EARTH OBSERVATIONS (FROM SPACE)
IMAGING TECHNIQUES
INFRARED SCANNERS
OCEAN COLOR SCANNER
PANORAMIC SCANNING
PHOTOGRAPHY
RADIOMETRIC CORRECTION
RADIOMETRIC RESOLUTION
SCANNING
SPACEBORNE PHOTOGRAPHY
SPECTRAL RECONNAISSANCE
VEGETATIVE INDEX

MULTISPECTRAL LINEAR ARRAYS

UF MLA
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
MULTISPECTRAL LINEAR ARRAYS
SPACECRAFT INSTRUMENTS
SATELLITE INSTRUMENTS
MULTISPECTRAL LINEAR ARRAYS
RT ∞ DETECTORS
 ∞ SENSORS

MULTISPECTRAL PHOTOGRAPHY

GS PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
RADAR PHOTOGRAPHY
RT CHANGE DETECTION
CROP IDENTIFICATION
EARTH OBSERVATIONS (FROM SPACE)
IMAGE RESOLUTION
IMAGERY
IMAGING TECHNIQUES
I2S CAMERAS
SPECTRAL RECONNAISSANCE

MULTISPECTRAL RADAR

UF DUAL FREQUENCY RADAR
MULTIPLE FREQUENCY RADAR
GS RADAR
MULTISPECTRAL RADAR
RT IMAGERY
IMAGING TECHNIQUES
SPECTRAL RECONNAISSANCE

MULTISPECTRAL RESOURCE SAMPLER

GS ARTIFICIAL SATELLITES
MULTISPECTRAL RESOURCE SAMPLER
RT REMOTE SENSING

MULTISPECTRAL TRACKING TELESCOPES

GS TELESCOPES
SPECTROSCOPIC TELESCOPES
MULTISPECTRAL TRACKING TELESCOPES
RT OPTICAL MEASURING INSTRUMENTS
OPTICAL TRACKING
TRACKING (POSITION)

MULTISTAGE COMPRESSORS
 USE TURBOCOMPRESSORS

MULTISTAGE ROCKET VEHICLES

GS ROCKET VEHICLES
 . **MULTISTAGE ROCKET VEHICLES**
 . ABLESTAR LAUNCH VEHICLE
 . ANTARES ROCKET VEHICLE
 . ARGO ROCKET VEHICLES
 . ARIANE LAUNCH VEHICLE
 . ASTROBEE ROCKET VEHICLES
 . ASTROBEE 1500 ROCKET VEHICLE
 . ATHENA ROCKET VEHICLE
 . ATLAS LAUNCH VEHICLES
 . ATLAS ABLE 5 LAUNCH VEHICLE
 . ATLAS AGENA B LAUNCH VEHICLE
 . ATLAS AGENA LAUNCH VEHICLES
 . ATLAS CENTAUR LAUNCH VEHICLE
 . ATLAS SLV-3 LAUNCH VEHICLE
 . BERENICE ROCKET VEHICLE
 . BLACK KNIGHT ROCKET VEHICLE
 . BLUE SCOUT ROCKET VEHICLE
 . DIAMANT LAUNCH VEHICLE
 . ELDO LAUNCH VEHICLE
 . EXOS SOUNDING ROCKET
 . JAGUAR ROCKET VEHICLE
 . JAVELIN ROCKET VEHICLE
 . JUNO LAUNCH VEHICLES
 . JUNO 1 LAUNCH VEHICLE
 . JUNO 2 LAUNCH VEHICLE
 . JUPITER C ROCKET VEHICLE
 . KAPPA ROCKET VEHICLES
 . KAPPA 8 ROCKET VEHICLE
 . KAPPA 9 ROCKET VEHICLE
 . LAMBDA ROCKET VEHICLES
 . LITTLE JOE 2 LAUNCH VEHICLE
 . NIKE ROCKET VEHICLES
 . NIKE-APACHE ROCKET VEHICLE
 . NIKE-CAJUN ROCKET VEHICLE
 . NIKE-HYDAC ROCKET VEHICLE
 . NIKE-IROQUOIS ROCKET VEHICLE
 . NIKE-JAVELIN ROCKET VEHICLE
 . NIKE-TOMAHAWK ROCKET VEHICLE
 . NOVA LAUNCH VEHICLES
 . PEGASUS AIR-LAUNCHED BOOSTER
 . PHOENIX SOUNDING ROCKET
 . RAM B LAUNCH VEHICLE
 . RUBIS ROCKET VEHICLE
 . SATURN LAUNCH VEHICLES
 . SATURN D LAUNCH VEHICLE
 . SATURN 1 LAUNCH VEHICLES
 . SATURN 1 SA-1 LAUNCH VEHICLE
 . SATURN 1 SA-2 LAUNCH VEHICLE
 . SATURN 1 SA-3 LAUNCH VEHICLE
 . SATURN 1 SA-4 LAUNCH VEHICLE
 . SATURN 1 SA-5 LAUNCH VEHICLE
 . SATURN 1 SA-6 LAUNCH VEHICLE
 . SATURN 1 SA-7 LAUNCH VEHICLE
 . SATURN 1 SA-8 LAUNCH VEHICLE
 . SATURN 1 SA-9 LAUNCH VEHICLE
 . SATURN 1 SA-10 LAUNCH VEHICLE
 . SATURN 1B LAUNCH VEHICLES
 . SATURN 2 LAUNCH VEHICLES
 . SATURN 5 LAUNCH VEHICLES
 . SCOUT LAUNCH VEHICLE
 . SKYLARK ROCKET VEHICLE
 . THOR LAUNCH VEHICLES
 . THOR ABLE ROCKET VEHICLE
 . THOR AGENA LAUNCH VEHICLE
 . THOR DELTA LAUNCH VEHICLE
 . TITAN LAUNCH VEHICLES
 . TITAN 3 LAUNCH VEHICLE
 . TITAN 4 LAUNCH VEHICLE
 . VANGUARD 2 LAUNCH VEHICLE
 . VEGA LAUNCH VEHICLE
 . WASP SOUNDING ROCKET
 RT AIR LAUNCHING
 EXPENDABLE STAGES (SPACECRAFT)
 INTERIM STAGES (SPACECRAFT)
 LAUNCH VEHICLES
 MINUTEMAN ICBM
 MULTIENGINE VEHICLES
 NAVAHO MISSILE
 PAYLOAD MASS RATIO
 PERSHING MISSILE
 PIGGYBACK SYSTEMS
 POLARIS MISSILES
 PROPULSIVE EFFICIENCY
 ROCKET ENGINES
 SS-11 MISSILE
 STAGE SEPARATION
 SUNBLAZER SPACE PROBE
 TALOS MISSILE
 TERRIER MISSILE
 TITAN ICBM

MULTISTAGE ROCKET VEHICLES--(cont.)
 TRAILBLAZER 1 REENTRY VEHICLE
 TRAILBLAZER 2 REENTRY VEHICLE
 UPPER STAGE ROCKET ENGINES
 ∞ VEHICLES

MULTISTATIC RADAR

UF BISTATIC RADAR
 GS RADAR
 . DOPPLER RADAR
 . **MULTISTATIC RADAR**
 . SURVEILLANCE RADAR
 . **MULTISTATIC RADAR**
 RT MULTIPATH TRANSMISSION
 PULSE RADAR
 RADAR DETECTION
 TARGET RECOGNITION

MULTITASKING (COMPUTERS)

USE MULTIPROGRAMMING

MULTITEMPORAL ANALYSIS

USE TEMPORAL RESOLUTION

MULTIVARIABLE CONTROL

RT ∞ CONTROL
 CONTROL THEORY
 FEEDBACK CONTROL
 OPTIMAL CONTROL

MULTIVARIATE STATISTICAL ANALYSIS

GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . **MULTIVARIATE STATISTICAL ANALYSIS**
 . BIVARIATE ANALYSIS
 . COVARIANCE
 . REGRESSION ANALYSIS
 RT ∞ ANALYZING
 CORRELATION
 DISCRIMINANT ANALYSIS (STATISTICS)
 ∞ VARIANCE

MULTIVIBRATORS

GS CIRCUITS
 . **MULTIVIBRATORS**
 . FLIP-FLOPS
 . MONOSTABLE MULTIVIBRATORS
 RT AMPLIFIERS
 BISTABLE CIRCUITS
 LOGIC CIRCUITS
 OSCILLATORS
 POSITIVE FEEDBACK
 SWITCHING CIRCUITS
 TRIGGER CIRCUITS

MUON SPIN ROTATION

GS GYRATION
 . ROTATION
 . **MUON SPIN ROTATION**
 RT CHARGED PARTICLES
 HYPERFINE STRUCTURE
 MUONS
 PARTICLE DIFFUSION
 PARTICLE SPIN
 PRECESSION

MUONIUM

RT ELECTRONS
 MESONS

MUONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . BOSONS
 . MESONS
 . **MUONS**
 . FERMIONS
 . LEPTONS
 . **MUONS**
 . HADRONS
 . MESONS
 . **MUONS**
 . NUCLEAR PARTICLES
 . BOSONS
 . MESONS
 . **MUONS**
 RT BARYONS
 CHARGED PARTICLES
 ELECTRON DECAY RATE
 MUON SPIN ROTATION

MURCHISON METEORITE

GS CELESTIAL BODIES

MURCHISON METEORITE--(cont.)

. METEORITES
 . STONY METEORITES
 . CARBONACEOUS METEORITES
 . CARBONACEOUS CHONDRITES
 . **MURCHISON METEORITE**
 . CHONDRITES
 . CARBONACEOUS CHONDRITES
 . **MURCHISON METEORITE**

MURRAY METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . CARBONACEOUS METEORITES
 . CARBONACEOUS CHONDRITES
 . **MURRAY METEORITE**
 . CHONDRITES
 . CARBONACEOUS CHONDRITES
 . **MURRAY METEORITE**

MUSCLE RELAXANTS

GS DRUGS
 . **MUSCLE RELAXANTS**

MUSCLES

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . **MUSCLES**
 . CONSTRUCTORS
 . FLEXORS
 . TENDONS
 RT ALDOLASE
 ATAXIA
 CONGENERS
 CONVULSIONS
 ELECTROCARDIOGRAPHY
 FIBRILLATION
 HEART
 HYPODYNAMIA
 MUSCULAR FATIGUE
 MUSCULAR STRENGTH
 MUSCULAR TONUS
 MYOELECTRIC POTENTIALS
 MYOELECTRICITY
 MYOGLOBIN
 SPASMS
 TWITCHING

MUSCOVITE

GS ALUMINUM COMPOUNDS
 . **MUSCOVITE**
 . CHALCOGENIDES
 . OXIDES
 . SILICON OXIDES
 . **MUSCOVITE**
 . MINERALS
 . MICA
 . **MUSCOVITE**
 . SILICON COMPOUNDS
 . SILICON OXIDES
 . **MUSCOVITE**

MUSCULAR FATIGUE

GS FATIGUE (BIOLOGY)
 . **MUSCULAR FATIGUE**
 RT MUSCLES
 MUSCULOSKELETAL SYSTEM
 STRESS (PHYSIOLOGY)

MUSCULAR FUNCTION

GS **MUSCULAR FUNCTION**
 . SPASMS
 RT CRAMPS
 ∞ FUNCTIONS
 HYPODYNAMIA
 HYPOKINESIA
 HYPOTONIA
 MECHANOGRAMS
 TWITCHING

MUSCULAR STRENGTH

RT MUSCLES
 MUSCULOSKELETAL SYSTEM
 ∞ STRENGTH

MUSCULAR TONUS

UF TONUS
 GS **MUSCULAR TONUS**
 . HYPOTONIA
 RT EXERCISE PHYSIOLOGY
 MUSCLES

MUSCULOSKELETAL SYSTEM

UF SKELETON
GS ANATOMY
 MUSCULOSKELETAL SYSTEM
 . BONES
 . . . FEMUR
 . . . PELVIS
 . . . SCAPULA
 . . . SKULL
 . . . CRANIUM
 . . . INTRACRANIAL CAVITY
 . . . MASTOIDS
 . . . SPINE
 . . . VERTEBRAE
 . . . STERNUM
 . . . TIBIA
 . . . ULNA
 . . . CONNECTIVE TISSUE
 . . . BONE MARROW
 . . . CARTILAGE
 . . . COLLAGENS
 . . . JOINTS (ANATOMY)
 . . . ELBOW (ANATOMY)
 . . . KNEE (ANATOMY)
 . . . WRIST
 . . . MUSCLES
 . . . CONSTRUCTORS
 . . . FLEXORS
 . . . TENDONS
RT EXOSKELETONS
HYPOKINESIA
INTERVERTEBRAL DISKS
MUSCULAR FATIGUE
MUSCULAR STRENGTH
SCIATIC REGION
STRIATION
∞ SYSTEMS

MUSEUMS

RT ANTHROPOLOGY
ARTIFACTS
BUILDINGS
COLLECTION
HISTORIES
LIBRARIES

MUSHY ZONES

UF LIQUID PLUS SOLID ZONES
RT CASTING
COOLING
METALLOGRAPHY
PHASE TRANSFORMATIONS
SOLIDIFICATION

MUSIC

RT ARTS
OCTAVES

MUSKEGS

GS LANDFORMS
 MUSKEGS
RT ARCTIC REGIONS
MARSHLANDS
SOILS
TOPOGRAPHY
WATER

MUSTANG AIRCRAFT

USE P-51 AIRCRAFT

MUTAGENS

RT AIR POLLUTION
BIOCHEMISTRY
BIOLOGICAL EVOLUTION
CELLS (BIOLOGY)
CHEMICAL ANALYSIS
GENETICS
MUTATIONS

MUTATIONS

RT BIOLOGICAL EVOLUTION
CELLS (BIOLOGY)
CHROMOSOMES
GENES
GENETICS
MITOSIS
MUTAGENS
NUCLEOGENESIS
RADIATION HAZARDS

MX MISSILE

GS MISSILES
 . SURFACE TO SURFACE MISSILES
 . . INTERCONTINENTAL BALLISTIC
 MISSILES

MX MISSILE--(cont.)

. . . **MX MISSILE**
RT MISSILE SILOS

MYELIN

RT FATS
LIPIDS
NERVES
NERVOUS SYSTEM
NEURONS

MYLAR (TRADEMARK)

GS POLYMERIC FILMS
 MYLAR (TRADEMARK)
RT POLYETHYLENE TEREPHTHALATE
 ∞ POLYMERS

MYOCARDIAL INFARCTION

GS DISEASES
 . HEART DISEASES
 . . INFARCTION
 . . . **MYOCARDIAL INFARCTION**
RT ARTERIOSCLEROSIS
BLOOD COAGULATION
CORONARY ARTERY DISEASE
HYPERTENSION
THROMBOSIS

MYOCARDIUM

GS ANATOMY
 . CIRCULATORY SYSTEM
 . . CARDIOVASCULAR SYSTEM
 . . . HEART
 **MYOCARDIUM**
RT ANGINA PECTORIS

MYOELECTRIC POTENTIALS

GS MYOELECTRICITY
 . **MYOELECTRIC POTENTIALS**
RT MUSCLES
 ∞ POTENTIAL

MYOELECTRICITY

GS **MYOELECTRICITY**
 . MYOELECTRIC POTENTIALS
RT ELECTROMYOGRAPHY
MUSCLES

MYOGLOBIN

GS BIOPOLYMERS
 . PROTEINS
 . . **MYOGLOBIN**
 . . . ORGANIC COMPOUNDS
 . . . PROTEINS
 . . . **MYOGLOBIN**
RT MUSCLES
PIGMENTS

MYOPIA

RT VISION

MYSTERE 20 AIRCRAFT

UF DASSAULT MYSTERE 20 AIRCRAFT
GS DASSAULT AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . **MYSTERE 20 AIRCRAFT**
 LIGHT AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 MONOPLANES
 . **MYSTERE 20 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **MYSTERE 20 AIRCRAFT**

MYSTERE 50 AIRCRAFT

UF DASSAULT MYSTERE 50 AIRCRAFT
RT DASSAULT AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
PASSENGER AIRCRAFT
TRANSPORT AIRCRAFT
TURBOFAN AIRCRAFT

N**N ELECTRONS**

GS PARTICLES
 . CHARGED PARTICLES

N ELECTRONS--(cont.)

. . . ENERGETIC PARTICLES
 . . . ELECTRONS
 **N ELECTRONS**
RT BETA PARTICLES

N-BODY PROBLEM

USE MANY BODY PROBLEM

N-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . **N-N JUNCTIONS**

N-P JUNCTIONS

USE P-N JUNCTIONS

N-P-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . **N-P-N JUNCTIONS**
RT BIPOLAR TRANSISTORS

N-TYPE SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
 . **N-TYPE SEMICONDUCTORS**
RT ELECTRONS
SCHOTTKY DIODES
SEMICONDUCTOR JUNCTIONS
SUHL EFFECT

N-156 AIRCRAFT

USE F-5 AIRCRAFT

NA-300 AIRCRAFT

USE OV-10 AIRCRAFT

NACELLES

RT AERODYNAMIC CONFIGURATIONS
AIR INTAKES
AIRFRAMES
COWLINGS
DUCTED BODIES
ENGINE INLETS
EXTERNAL STORE SEPARATION
EXTERNAL STORES
EXTERNAL TANKS
FAIRINGS
HOUSINGS
NOSE INLETS
PERFORATED SHELLS
PODS (EXTERNAL STORES)
PROTUBERANCES
SHELLS (STRUCTURAL FORMS)
WING-FUSELAGE STORES

NAKED SINGULARITIES

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . SINGULARITY (MATHEMATICS)
 . . . **NAKED SINGULARITIES**
RT ASTROPHYSICS
BLACK HOLES (ASTRONOMY)
COSMOLOGY
DEGENERATE MATTER
EVENT HORIZON
GRAVITATIONAL COLLAPSE
POINTS (MATHEMATICS)
RELATIVITY
SPACE-TIME FUNCTIONS
THEORETICAL PHYSICS
WHITE HOLES (ASTRONOMY)

NAKHLITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . ACHONDRITES
 **NAKHLITES**
RT CHASSIGNITES
SHERGOTTITES

NAMC AIRCRAFT

USE NIHON AIRCRAFT

NAMIBIA

UF SOUTH WEST AFRICA
RT AFRICA
NATIONS
REPUBLIC OF SOUTH AFRICA

NAMING

GS **NAMING**
 . NORMS
RT SPECIFICATIONS
STANDARDIZATION

NAP-OF-THE-EARTH NAVIGATION

UF NOE NAVIGATION
 GS NAVIGATION
 AIR NAVIGATION
 RT **NAP-OF-THE-EARTH NAVIGATION**
 HELICOPTERS
 IMAGE PROCESSING
 LOW ALTITUDE
 NIGHT FLIGHTS (AIRCRAFT)
 NIGHT VISION
 TARGET RECOGNITION
 TERRAIN ANALYSIS
 TERRAIN FOLLOWING AIRCRAFT

NAPHTHALENE

GS ORGANIC COMPOUNDS
 CYCLIC COMPOUNDS
 CYCLIC HYDROCARBONS
 NAPHTHALENE
 HYDROCARBONS
 CYCLIC HYDROCARBONS
 NAPHTHALENE

NAPHTHENES

GS ORGANIC COMPOUNDS
 CYCLIC COMPOUNDS
 CYCLIC HYDROCARBONS
 NAPHTHENES
 HYDROCARBONS
 CYCLIC HYDROCARBONS
 NAPHTHENES

NAPPES

USE FOLDS (GEOLOGY)

NARCOLEPSY

GS DISEASES
 NARCOLEPSY

NARCOSIS

GS UNCONSCIOUSNESS
 NARCOSIS
 RT PHYSIOLOGY
 POISONING

NARCOTICS

GS DRUGS
 NARCOTICS
 MORPHINE
 RT PENTOBARBITAL
 PHENOBARBITAL
 PSYCHOTROPIC DRUGS

NARROWBAND

GS BANDWIDTH
 NARROWBAND
 RT BANDS
 BROADBAND
 FREQUENCIES

NASA COMMUNICATION NETWORK

USE NASCOM NETWORK

NASA END-TO-END DATA SYSTEM

USE NEEDS (DATA SYSTEM)

NASA INTERACTIVE PLANNING SYSTEM

UF NIPS (SYSTEM)
 RT COMPUTER PROGRAMS
 EARTH RESOURCES
 MANAGEMENT METHODS
 NASA PROGRAMS
 PROJECT PLANNING
 RESOURCE ALLOCATION
 RESOURCES MANAGEMENT
 SYSTEMS

NASA PROGRAMS

GS PROGRAMS
 NASA PROGRAMS
 ACEE PROGRAM
 ASSESS PROGRAM
 ATLIT PROJECT
 DAST PROGRAM
 NASA SPACE PROGRAMS
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 BIOASTRONAUTICAL ORBITAL
 SPACE SYSTEM
 CENTAUR PROJECT
 EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 EARTH RESOURCES PROGRAM

NASA PROGRAMS--(cont.)

... EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 ECHO PROJECT
 GALILEO PROJECT
 GEMINI PROJECT
 HELIOS PROJECT
 JUPITER PROJECT
 MAGELLAN PROJECT (NASA)
 MARINER PROGRAM
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 MARS 69 PROJECT
 MARS 71 PROJECT
 MERCURY PROJECT
 NATIONAL LAUNCH VEHICLE
 PROGRAM
 NEW MOONS PROJECT
 NIMBUS PROJECT
 OPEN PROJECT
 PIONEER PROJECT
 PROJECT SETI
 RANGER PROJECT
 AGENA B RANGER PROGRAM
 ROVER PROJECT
 SAIL PROJECT
 SATURN PROJECT
 SCOUT PROJECT
 SKYLAB PROGRAM
 STARPROBE MISSION
 SURVEYOR PROJECT
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 TEKTITE PROJECT
 TIROS PROJECT
 TITAN PROJECT
 VANGUARD PROJECT
 VIKING MARS PROGRAM
 VOYAGER PROJECT
 NATIONAL AEROSPACE PLANE
 PROGRAM
 QUIET ENGINE PROGRAM
 SUPERSONIC CRUISE AIRCRAFT
 RESEARCH
 TACT PROGRAM
 TERMINAL CONFIGURED VEHICLE
 PROGRAM
 TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM
 RT ADVANCED LAUNCH SYSTEM (STS)
 AGRISTARS PROJECT
 APOLLO EXTENSION SYSTEM
 CANADIAN SPACE PROGRAM
 COMMITTEE ON SPACE RESEARCH
 COMMUNICATIONS TECHNOLOGY
 SATELLITE
 DELAYED FLAP APPROACH
 EARTH RESOURCES INFORMATION
 SYSTEM
 GARP ATLANTIC TROPICAL EXPERIMENT
 GEOGRAPHIC APPLICATIONS PROGRAM
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 GRANTS
 GRAVITY PROBE B
 LANDSAT SATELLITES
 LEASING
 NASA INTERACTIVE PLANNING SYSTEM
 NASTRAN
 NOESS
 OSS-1 PAYLOAD
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 QUASAT
 QUESTOL AIRCRAFT
 RESEARCH PROJECTS
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 SEASAT SATELLITES
 SINGLE STAGE TO ORBIT VEHICLES
 SPACE PROGRAMS
 SPACE TRANSPORTATION SYSTEM
 SPACELAB
 SPHINX
 STARSITE PROGRAM
 STORMSAT SATELLITE
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 TECHNOLOGY UTILIZATION
 TRANSIT NAVIGATION SYSTEM
 UNIVERSITY PROGRAM

NASA SPACE PROGRAMS

GS PROGRAMS
 NASA PROGRAMS
 NASA SPACE PROGRAMS

NASA SPACE PROGRAMS--(cont.)

... APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 BIOASTRONAUTICAL ORBITAL
 SPACE SYSTEM
 CENTAUR PROJECT
 EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 ECHO PROJECT
 GALILEO PROJECT
 GEMINI PROJECT
 HELIOS PROJECT
 JUPITER PROJECT
 MAGELLAN PROJECT (NASA)
 MARINER PROGRAM
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 MARS 69 PROJECT
 MARS 71 PROJECT
 MERCURY PROJECT
 NATIONAL LAUNCH VEHICLE
 PROGRAM
 NEW MOONS PROJECT
 NIMBUS PROJECT
 OPEN PROJECT
 PIONEER PROJECT
 PROJECT SETI
 RANGER PROJECT
 AGENA B RANGER PROGRAM
 ROVER PROJECT
 SAIL PROJECT
 SATURN PROJECT
 SCOUT PROJECT
 SKYLAB PROGRAM
 STARPROBE MISSION
 SURVEYOR PROJECT
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 TEKTITE PROJECT
 TIROS PROJECT
 TITAN PROJECT
 VANGUARD PROJECT
 VIKING MARS PROGRAM
 VOYAGER PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 BIOASTRONAUTICAL ORBITAL
 SPACE SYSTEM
 CENTAUR PROJECT
 EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 ECHO PROJECT
 GALILEO PROJECT
 GEMINI PROJECT
 HELIOS PROJECT
 JUPITER PROJECT
 MAGELLAN PROJECT (NASA)
 MARINER PROGRAM
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 MARS 69 PROJECT
 MARS 71 PROJECT
 MERCURY PROJECT
 NATIONAL LAUNCH VEHICLE
 PROGRAM
 NEW MOONS PROJECT
 NIMBUS PROJECT
 OPEN PROJECT
 PIONEER PROJECT
 PROJECT SETI
 RANGER PROJECT
 AGENA B RANGER PROGRAM
 ROVER PROJECT
 SAIL PROJECT
 SATURN PROJECT
 SCOUT PROJECT
 SKYLAB PROGRAM
 STARPROBE MISSION
 SURVEYOR PROJECT
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 TEKTITE PROJECT
 TIROS PROJECT
 TITAN PROJECT
 VANGUARD PROJECT
 VIKING MARS PROGRAM

NASA SPACE PROGRAMS--(cont.)

... VOYAGER PROJECT
 RT ADVANCED LAUNCH SYSTEM (STS)
 CASSINI MISSION
 CLUSTER MISSION
 COMET RENDEZVOUS ASTEROID FLYBY
 MISSION
 INTERNATIONAL SPACE YEAR
 MANNED MARS MISSIONS
 MARS SAMPLE RETURN MISSIONS
 SPACE STATION FREEDOM

NASA STRUCTURAL ANALYSIS PROGRAM

USE NASTRAN

NASARR

USE NORTH AMERICAN SEARCH AND
 RANGING RADAR

NASCOM NETWORK

UF NASA COMMUNICATION NETWORK
 GS COMMUNICATING
 . POINT TO POINT COMMUNICATION
 . . **NASCOM NETWORK**
 COMMUNICATION NETWORKS
 . **NASCOM NETWORK**
 RT FLEET SATELLITE COMMUNICATION
 SYSTEM
 GLOBAL TRACKING NETWORK
 ∞ NETWORKS
 RADIO COMMUNICATION
 TELECOMMUNICATION

NASTRAN

UF NASA STRUCTURAL ANALYSIS
 PROGRAM
 GS COMPUTER PROGRAMS
 . APPLICATIONS PROGRAMS
 (COMPUTERS)
 . . **NASTRAN**
 RT BENDING MOMENTS
 COMPUTER TECHNIQUES
 DYNAMIC LOADS
 FINITE ELEMENT METHOD
 MATRIX METHODS
 NASA PROGRAMS
 STRESS ANALYSIS
 STRUCTURAL ANALYSIS

NATIONAL AEROSPACE PLANE PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . **NATIONAL AEROSPACE PLANE
 PROGRAM**
 RT AEROSPACE PLANES
 HYPERSONIC VEHICLES
 TRANSATMOSPHERIC VEHICLES
 X-30 VEHICLE

NATIONAL AIRSPACE SYSTEM

RT AIR TRAFFIC CONTROL
 AIRCRAFT SAFETY
 AIRPORTS
 AIRSPACE
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM

NATIONAL AIRSPACE UTILIZATION SYSTEM

RT AIR LAW
 AIR NAVIGATION
 AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRSPACE
 COLLISION AVOIDANCE
 FLIGHT PATHS
 FLIGHT PLANS
 FLIGHT RULES
 NATIONAL AIRSPACE SYSTEM
 ∞ SYSTEMS

NATIONAL AVIATION SYSTEM

RT AIR TRAFFIC
 AIR TRAFFIC CONTROL
 AIR TRANSPORTATION
 AIRCRAFT APPROACH SPACING
 FLIGHT RULES
 LANDING AIDS
 NATIONAL AIRSPACE SYSTEM
 ∞ SYSTEMS
 TRAFFIC CONTROL

NATIONAL LAUNCH VEHICLE PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . **NATIONAL LAUNCH VEHICLE
 PROGRAM**
 . SPACE PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . **NATIONAL LAUNCH VEHICLE
 PROGRAM**
 RT LAUNCH VEHICLES
 LAUNCHERS
 LAUNCHING
 LAUNCHING SITES

NATIONAL OCEANIC SATELLITE SYSTEM

RT ARTIFICIAL SATELLITES
 MARITIME SATELLITES
 ∞ SYSTEMS

**NATIONAL OPERATIONAL ENVIRONMENTAL SAT
 SYS**

USE NOESS

NATIONAL PARKS

GS LAND
 . PARKS
 . . **NATIONAL PARKS**
 . . . YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

NATIONAL SEVERE STORMS PROJECT

RT METEOROLOGY
 TORNADOES
 WARNING SYSTEMS

NATIONS

GS **NATIONS**
 . AFGHANISTAN
 . ALBANIA
 . ALGERIA
 . ANDORRA
 . ANGOLA
 . ANTIGUA AND BARBUDA
 . ARGENTINA
 . ARMENIA
 . AUSTRALIA
 . AUSTRIA
 . AZERBAIJAN
 . BAHAMAS
 . BAHRAIN
 . BANGLADESH
 . BARBADOS
 . BELARUS
 . BELGIUM
 . BELIZE
 . BENIN
 . BHUTAN
 . BOLIVIA
 . BOTSWANA
 . BRAZIL
 . BRUNEI
 . BULGARIA
 . BURKINA
 . BURMA
 . BURUNDI
 . CAMBODIA
 . CAMEROON
 . CANADA
 . . ALBERTA
 . . BRITISH COLUMBIA
 . . MANITOBA
 . . NEW BRUNSWICK
 . . NEWFOUNDLAND
 . . NORTHWEST TERRITORIES
 . . NOVA SCOTIA
 . . ONTARIO
 . . PRINCE EDWARD ISLAND
 . . QUEBEC
 . . SASKATCHEWAN
 . . YUKON TERRITORY
 . CAPE VERDE
 . CENTRAL AFRICAN REPUBLIC
 . CHAD
 . CHILE
 . CHINA
 . COLOMBIA
 . CONGO (BRAZZAVILLE)
 . COSTA RICA
 . COTE D'IVOIRE
 . CUBA
 . CYPRUS
 . CZECHOSLOVAKIA
 . DENMARK
 . DJIBOUTI
 . DOMINICA
 . DOMINICAN REPUBLIC
 . EAST GERMANY
 . ECUADOR
 . EGYPT
 . EL SALVADOR
 . ETHIOPIA
 . FINLAND
 . FRANCE
 . . FRENCH GUIANA
 . . GUADELOUPE
 . . MARTINIQUE
 . GABON
 . GAMBIA
 . GEORGIA (EURASIA)
 . GHANA
 . GREECE
 . GRENADA
 . GUATEMALA
 . GUINEA
 . GUYANA
 . HAITI
 . HONDURAS
 . HUNGARY
 . ICELAND
 . INDIA
 . INDONESIA
 . IRAN
 . IRAQ
 . IRELAND
 . ISRAEL
 . ITALY
 . JAMAICA
 . JAPAN
 . JORDAN
 . KAZAKHSTAN
 . KENYA
 . KUWAIT
 . LAOS
 . LEBANON
 . LESOTHO
 . LIBERIA
 . LIBYA
 . LIECHTENSTEIN
 . LUXEMBOURG
 . MADAGASCAR
 . MALAWI
 . MALAYSIA
 . MALDIVE ISLANDS
 . MALI
 . MALTA
 . MAURITANIA
 . MAURITIUS
 . MEXICO
 . MOLDAVIA
 . MONACO
 . MONGOLIA
 . MOROCCO
 . MOZAMBIQUE
 . NEPAL
 . NETHERLANDS
 . NEW ZEALAND
 . NICARAGUA
 . NIGER
 . NIGERIA
 . NORTH KOREA
 . NORWAY
 . OMAN
 . PAKISTAN
 . PANAMA
 . PAPUA NEW GUINEA
 . PARAGUAY
 . PERU
 . PHILIPPINES
 . POLAND
 . PORTUGAL
 . . AZORES
 . QATAR
 . REPUBLIC OF SOUTH AFRICA
 . ROMANIA
 . RUSSIAN FEDERATION
 . RWANDA
 . SAN MARINO
 . SAUDI ARABIA
 . SENEGAL
 . SEYCHELLES
 . SIERRA LEONE
 . SIKKIM
 . SINGAPORE
 . SOMALIA
 . SOUTH KOREA
 . SOUTHERN YEMEN
 . SPAIN
 . . CANARY ISLANDS
 . SRI LANKA

NATIONS--(cont.)

. SUDAN
 . SURINAM
 . SWAZILAND
 . SWEDEN
 . SWITZERLAND
 . SYRIA
 . TAIWAN
 . TAJIKISTAN
 . TANZANIA
 . THAILAND
 . TIBET
 . TOGO
 . TRINIDAD AND TOBAGO
 . TUNISIA
 . TURKEY
 . TURKMENISTAN
 . U.S.S.R.
 . UGANDA
 . UKRAINE
 . UNITED ARAB EMIRATES
 . UNITED KINGDOM
 . ENGLAND
 . GIBRALTAR
 . NORTHERN IRELAND
 . SCOTLAND
 . WALES
 . UNITED STATES
 . ALABAMA
 . ALASKA
 . ARIZONA
 . ARKANSAS
 . CALIFORNIA
 . COLORADO
 . CONNECTICUT
 . DELAWARE
 . FLORIDA
 . GEORGIA
 . HAWAII
 . IDAHO
 . ILLINOIS
 . INDIANA
 . IOWA
 . KANSAS
 . KENTUCKY
 . LOUISIANA
 . MAINE
 . MARYLAND
 . MASSACHUSETTS
 . MICHIGAN
 . MINNESOTA
 . MISSISSIPPI
 . MISSOURI
 . MONTANA
 . NEBRASKA
 . NEVADA
 . NEW HAMPSHIRE
 . NEW JERSEY
 . NEW MEXICO
 . NEW YORK
 . NORTH CAROLINA
 . NORTH DAKOTA
 . OHIO
 . OKLAHOMA
 . OREGON
 . PENNSYLVANIA
 . RHODE ISLAND
 . SOUTH CAROLINA
 . SOUTH DAKOTA
 . TENNESSEE
 . TEXAS
 . UTAH
 . VERMONT
 . VIRGINIA
 . WASHINGTON
 . WEST VIRGINIA
 . WISCONSIN
 . WYOMING
 . URUGUAY
 . UZBEKISTAN
 . VATICAN CITY
 . VENEZUELA
 . VIETNAM
 . WEST GERMANY
 . YEMEN
 . YUGOSLAVIA
 . ZAIRE
 . ZAMBIA
 . ZIMBABWE
 RT AFRICA
 ASIA
 CITIES
 COMMONWEALTH OF INDEPENDENT
 STATES
 COMMUNITIES
 DEMOGRAPHY

NATIONS--(cont.)

. DEVELOPING NATIONS
 . ESTONIA
 . EUROPE
 . FEDERATIONS
 . HONG KONG
 . INTERNATIONAL LAW
 . LATVIA
 . LITHUANIA
 . MINORITIES
 . NAMIBIA
 . POLITICS
 . REGIMES
 . SPANISH SAHARA
 . UNITED NATIONS

NATO 3B SATELLITE

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . COMMUNICATIONS TECHNOLOGY
 SATELLITE
 . . . NATO 3B SATELLITE

NATURAL FREQUENCIES

USE RESONANT FREQUENCIES

NATURAL GAS

GS FUELS
 . GASEOUS FUELS
 . . . NATURAL GAS
 . ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . . NATURAL GAS
 . RESOURCES
 . EARTH RESOURCES
 . . FOSSIL FUELS
 . . . NATURAL GAS
 RT LIQUEFIED NATURAL GAS
 METHANE
 NATURAL GAS EXPLORATION
 OIL FIELDS
 PETROLEUM PRODUCTS

NATURAL GAS EXPLORATION

RT DRILLING
 METHANE
 NATURAL GAS
 OIL EXPLORATION
 PHOTOGEOLOGY

NATURAL LANGUAGE (COMPUTERS)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . . NATURAL LANGUAGE (COMPUTERS)
 RT COMPUTER PROGRAMMING
 CONTEXT
 DATA PROCESSING
 KNOWLEDGE REPRESENTATION

NATURAL LANGUAGE PROCESSING

RT ARTIFICIAL INTELLIGENCE
 EXPERT SYSTEMS
 KNOWLEDGE BASED SYSTEMS
 LINGUISTICS
 MACHINE TRANSLATION
 MAN-COMPUTER INTERFACE
 PARSING ALGORITHMS
 SEMANTICS
 SYNTAX

NATURAL LASERS

USE LASERS

NATURAL SATELLITES

SN (EXCLUDES PLANETS)
 UF MOONS
 PLANETARY SATELLITES
 GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . CHARON
 . . ICY SATELLITES
 . . . ARIEL
 . . . CALLISTO
 . . . DIONE
 . . . ENCELADUS
 . . . EUROPA
 . . . GANYMEDE
 . . . HYPERION
 . . . IAPETUS
 . . . MIMAS
 . . . RHEA (ASTRONOMY)
 . . . TETHYS
 . . . TITANIA
 . . JUPITER SATELLITES
 . . . AMALTHEA

NATURAL SATELLITES--(cont.)

. . . GALILEAN SATELLITES
 . . . CALLISTO
 . . . EUROPA
 . . . GANYMEDE
 . . . IO
 . . MARS SATELLITES
 . . . DEIMOS
 . . . PHOBOS
 . . MOON
 . . NEPTUNE SATELLITES
 . . . NEREID
 . . . TRITON
 . . SATURN SATELLITES
 . . . DIONE
 . . . ENCELADUS
 . . . HYPERION
 . . . IAPETUS
 . . . JANUS
 . . . MIMAS
 . . . PHOEBE
 . . . RHEA (ASTRONOMY)
 . . . TETHYS
 . . . TITAN
 . . URANUS SATELLITES
 . . . ARIEL
 . . . MIRANDA
 . . . OBERON
 . . . TITANIA
 . . . UMBRIEL
 RT ARTIFICIAL SATELLITES
 CYRILLID METEORIODS
 EARTH-MOON SYSTEM
 METEORIODS
 MOONLETS
 PLANETS
 ROCHE LIMIT
 SATELLITE ATMOSPHERES
 SATELLITE SURFACES
 ∞ SATELLITES
 SATURN RINGS
 SOLAR SYSTEM
 TEKTITES
 URANUS RINGS

NAUSEA

GS SIGNS AND SYMPTOMS
 . NAUSEA
 RT ANTIEMETICS AND ANTINAUSEANTS
 MOTION SICKNESS
 VOMITING

NAUTICAL CHARTS

GS CHARTS
 . NAUTICAL CHARTS
 RT NAVIGATION AIDS
 NAVIGATION SATELLITES
 SURFACE NAVIGATION

NAVAHO MISSILE

GS MISSILES
 . RAMJET MISSILES
 . . . NAVAHO MISSILE
 . SURFACE TO SURFACE MISSILES
 . . CRUISE MISSILES
 . . . NAVAHO MISSILE
 RT LIQUID PROPELLANT ROCKET ENGINES
 MULTISTAGE ROCKET VEHICLES
 RAMJET ENGINES

NAVIER-STOKES EQUATION

GS EQUATIONS OF MOTION
 . NAVIER-STOKES EQUATION
 FLOW EQUATIONS
 . NAVIER-STOKES EQUATION
 RT BURGER EQUATION
 COMPUTATIONAL FLUID DYNAMICS
 ∞ EQUATIONS
 FLOW THEORY
 INCOMPRESSIBLE FLOW
 INCOMPRESSIBLE FLUIDS
 MILNE-THOMSON METHOD
 NEWTONIAN FLUIDS
 OSEEN APPROXIMATION
 REYNOLDS EQUATION
 REYNOLDS STRESS
 VISCOUS FLOW
 VISCOUS FLUIDS

NAVIGATION

GS NAVIGATION
 . AIR NAVIGATION
 . . ALL-WEATHER AIR NAVIGATION
 . . AREA NAVIGATION
 . . NAP-OF-THE-EARTH NAVIGATION

NAVIGATION--(cont.)

CELESTIAL NAVIGATION
 . . ASTROGUIDE NAVIGATION SYSTEM
 . . ASTRONAVIGATION
 . . DEAD RECKONING
 . . DIGITAL NAVIGATION
 . . DOPPLER NAVIGATION
 . . HYBRID NAVIGATION SYSTEMS
 . . INERTIAL NAVIGATION
 . . ASTROGUIDE NAVIGATION SYSTEM
 . . GIMBALLESS INERTIAL NAVIGATION
 . . OMEGA NAVIGATION SYSTEM
 . . POLAR NAVIGATION
 . . RADAR NAVIGATION
 . . RADIO NAVIGATION
 . . HYPERBOLIC NAVIGATION
 . . . DECCA NAVIGATION
 . . . LORAC NAVIGATION SYSTEM
 . . . LORAN
 LORAN C
 LORAN D
 . . . SHORAN
 . . TACAN
 . . VHF OMNIRANGE NAVIGATION
 . . SPACE NAVIGATION
 . . INTERPLANETARY NAVIGATION
 . . SURFACE NAVIGATION
 RT AUTOMATIC FLIGHT CONTROL
 AZIMUTH
 BAY ICE
 DECLINATION
 DISTANCE MEASURING EQUIPMENT
 ∞ FIXING
 FLIGHT CONTROL
 FLIGHT PATHS
 GLOBAL POSITIONING SYSTEM
 GUIDANCE (MOTION)
 GYROSCOPIC COUPLING
 HOMING DEVICES
 LATITUDE MEASUREMENT
 LOCOMOTION
 LONGITUDE MEASUREMENT
 ORBITAL POSITION ESTIMATION
 PLOTTING
 POSITION (LOCATION)
 POSITION ERRORS
 POSITIONING
 STAR TRACKERS
 STATIONKEEPING
 ∞ SYSTEMS
 TRIANGULATION

NAVIGATION AIDS

GS NAVIGATION AIDS
 . BEACONS
 . . AIRPORT BEACONS
 . . DISCRETE ADDRESS BEACON SYSTEM
 . . RADAR BEACONS
 . . DISCRETE ADDRESS BEACON SYSTEM
 . . RADIO BEACONS
 . . . OMNIDIRECTIONAL RADIO RANGES
 . . . SELF CALIBRATING OMNIRANGE
 . . RADIO DIRECTION FINDERS
 . . LIGHT AIRBORNE MULTIPURPOSE SYSTEM
 . . MICROWAVE SCANNING BEAM LANDING SYSTEM
 . . NAVIGATION INSTRUMENTS
 . . ATTITUDE INDICATORS
 . . . GYRO HORIZONS
 . . COMPASSES
 . . . GYROCOMPASSES
 . . . MAGNETIC COMPASSES
 . . . SOLAR COMPASSES
 . . RADIO DIRECTION FINDERS
 . . TERCOM
 RT ∞ AIDS
 AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 AIRCRAFT SAFETY
 AIRPORTS
 ALL-WEATHER AIR NAVIGATION
 ALTIMETERS
 APPROACH INDICATORS
 AUTOMATIC FLIGHT CONTROL
 AUTOMATIC PILOTS
 AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
 AUTONOMOUS NAVIGATION
 BUOYS
 CHARTS
 DECCA NAVIGATION

NAVIGATION AIDS--(cont.)

DISPLAY DEVICES
 DISTANCE MEASURING EQUIPMENT
 ECHO SOUNDING
 FLIGHT CONTROL
 FLIGHT MANAGEMENT SYSTEMS
 FLIGHT PATHS
 GYROSTABILIZERS
 HEAD-UP DISPLAYS
 HELIPORTS
 HOMING DEVICES
 HYBRID NAVIGATION SYSTEMS
 INERTIAL NAVIGATION
 KALMAN FILTERS
 LANDING AIDS
 LASER RANGE FINDERS
 LORAC NAVIGATION SYSTEM
 LORAN
 LORAN C
 LORAN D
 MAPS
 ∞ MARS
 MILITARY AIR FACILITIES
 NAUTICAL CHARTS
 PLOTTERS
 POSITION INDICATORS
 RADIO NAVIGATION
 RANGE FINDERS
 REDUCED ORDER FILTERS
 REFERENCE STARS
 SEXTANTS
 SHORAN
 SOLAR SENSORS
 SONAR
 STAR TRACKERS
 SURFACE NAVIGATION
 TACAN
 VHF OMNIRANGE NAVIGATION
 WEATHER

NAVIGATION INSTRUMENTS

GS NAVIGATION AIDS
 . NAVIGATION INSTRUMENTS
 . . ATTITUDE INDICATORS
 . . . GYRO HORIZONS
 . . COMPASSES
 . . . GYROCOMPASSES
 . . . MAGNETIC COMPASSES
 . . . SOLAR COMPASSES
 . . RADIO DIRECTION FINDERS
 RT AIRCRAFT EQUIPMENT
 AIRCRAFT INSTRUMENTS
 ALTIMETERS
 AUTONOMOUS NAVIGATION
 BORESIGHT ERROR
 FLIGHT CONTROL
 FLIGHT INSTRUMENTS
 GIMBALLESS INERTIAL NAVIGATION
 HORIZON SCANNERS
 HYBRID NAVIGATION SYSTEMS
 INERTIAL PLATFORMS
 ∞ INSTRUMENTS
 KALMAN-SCHMIDT FILTERING
 LASER RANGE FINDERS
 LIGHT AIRBORNE MULTIPURPOSE SYSTEM
 LORAC NAVIGATION SYSTEM
 LORAN
 MEASURING INSTRUMENTS
 POSITION INDICATORS
 RADAR
 SOLAR SENSORS
 STAR TRACKERS
 TERCOM

NAVIGATION SATELLITES

GS ARTIFICIAL SATELLITES
 . NAVIGATION SATELLITES
 . . AEROSAT SATELLITES
 . . EXPLORER 22 SATELLITE
 . . NAVIGATION TECHNOLOGY SATELLITES
 . . NAVSTAR SATELLITES
 . . NOVA SATELLITES
 . . REFSAT
 . . TRANSIT ATTITUDE CONTROL SATELLITE
 . . TRANSIT SATELLITES
 RT ACTIVE SATELLITES
 ATS
 GEODETIC SATELLITES
 LOCATES SYSTEM
 METEOROLOGICAL SATELLITES
 MILITARY SPACECRAFT
 NAUTICAL CHARTS

NAVIGATION SATELLITES--(cont.)

PASSIVE SATELLITES
 SATELLITE NAVIGATION SYSTEMS
 SATELLITE NETWORKS
 SYNCHRONOUS SATELLITES
 TRANSIT NAVIGATION SYSTEM

NAVIGATION TECHNOLOGY SATELLITES

UF NTS
 GS ARTIFICIAL SATELLITES
 . NAVIGATION SATELLITES
 . . NAVIGATION TECHNOLOGY SATELLITES
 RT NAVSTAR SATELLITES

NAVIGATORS

GS PERSONNEL
 . NAVIGATORS
 RT FLIGHT CREWS
 FLYING PERSONNEL

NAVION AIRCRAFT

GS NAVION AIRCRAFT
 . G-1 AIRCRAFT
 RT ∞ AIRCRAFT

NAVION G-1 AIRCRAFT

USE G-1 AIRCRAFT

NAVION RANGEMASTER AIRCRAFT

USE G-1 AIRCRAFT

NAVSTAR SATELLITES

GS ARTIFICIAL SATELLITES
 . NAVIGATION SATELLITES
 . . NAVSTAR SATELLITES
 RT ACTIVE SATELLITES
 ATS
 GEODETIC SATELLITES
 NAVIGATION TECHNOLOGY SATELLITES
 REFSAT
 SATELLITE NETWORKS

NAVY

GS ARMED FORCES
 . NAVY
 RT AIRCRAFT CARRIERS
 BALLISTIC MISSILE SUBMARINES
 FLEET SATELLITE COMMUNICATION SYSTEM
 NUCLEAR POWERED SHIPS
 SHIPS
 SUBMARINES
 TRIDENT SUBMARINE
 ∞ VESSELS

NC-130 AIRCRAFT

USE C-130 AIRCRAFT

NDM SEMICONDUCTOR DEVICES

SN (NEGATIVE DIFFERENTIAL MOBILITY SEMICONDUCTOR DEVICES)
 UF NEGATIVE DIFF MOBILITY SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . NDM SEMICONDUCTOR DEVICES
 RT CONDUCTION BANDS
 ∞ DEVICES
 DIFFUSIVITY
 ELECTRON MOBILITY
 IONIC MOBILITY

NEAR FIELDS

GS ELECTROMAGNETIC FIELDS
 . NEAR FIELDS
 RT ANTENNA RADIATION PATTERNS
 ANTENNAS
 ELECTROMAGNETIC RADIATION
 FAR FIELDS
 LASER ARRAYS
 RADIO EQUIPMENT
 SIDELOBES

NEAR INFRARED RADIATION

SN (0.75 TO 3 MICRONS)
 GS ELECTROMAGNETIC RADIATION
 . INFRARED RADIATION
 . . NEAR INFRARED RADIATION
 RT FAR INFRARED RADIATION
 INFRARED PHOTOMETRY
 LIGHT (VISIBLE RADIATION)
 ∞ RADIATION

NEAR INFRARED RADIATION--(cont.)

RADIATIVE HEAT TRANSFER
RADIATIVE TRANSFER
TERRESTRIAL RADIATION
THERMAL RADIATION

NEAR ULTRAVIOLET RADIATION

SN (2000 TO 4000 ANGSTROMS)
GS ELECTROMAGNETIC RADIATION
ULTRAVIOLET RADIATION
NEAR ULTRAVIOLET RADIATION
RT FAR ULTRAVIOLET RADIATION
LIGHT (VISIBLE RADIATION)
RADIATION

NEAR WAKES

GS WAKES
NEAR WAKES

NEARSHORE WATER

GS WATER
NEARSHORE WATER
COASTAL WATER
RT MARINE ENVIRONMENTS
OCEANS
SEA WATER
VADOSE WATER
WATER DEPTH
WETLANDS

NEBRASKA

GS NATIONS
UNITED STATES
NEBRASKA
RT MISSOURI RIVER (US)
SAND HILLS REGION (NE)

NEBULAE

GS CELESTIAL BODIES
NEBULAE
CASSIOPEIA A
CRAB NEBULA
GUM NEBULA
H I REGIONS
H II REGIONS
HERBIG-HARO OBJECTS
ORION NEBULA
PLANETARY NEBULAE
REFLECTION NEBULAE
RT GALAXIES
INTERSTELLAR MATTER
IRREGULAR GALAXIES
MAFFEI GALAXIES
MAGELLANIC CLOUDS
NORTH POLAR SPUR (ASTRONOMY)
OPHIUCHI CLOUDS
OPIK THEORY
SOLAR CORONA
STAR FORMATION
SUPERNOVAE

NECK (ANATOMY)

GS ANATOMY
NECK (ANATOMY)
RT VERTEBRAE

NEEDLE BEARINGS

GS BEARINGS
NEEDLE BEARINGS
RT ANTIFRICTION BEARINGS
BALL BEARINGS
ROLLER BEARINGS

NEEDLES

RT DENDRITIC CRYSTALS
SEWING
SINGLE CRYSTALS
SURGICAL INSTRUMENTS

NEEDS (DATA SYSTEM)

UF NASA END-TO-END DATA SYSTEM
GS DATA SYSTEMS
NEEDS (DATA SYSTEM)
END-TO-END DATA SYSTEMS
NEEDS (DATA SYSTEM)
RT DATA ACQUISITION
DATA PROCESSING
SATELLITE INSTRUMENTS
SYSTEMS
VSAT (NETWORK)

NEEL TEMPERATURE

GS TEMPERATURE
NEEL TEMPERATURE

NEEL TEMPERATURE--(cont.)

RT ANTIFERROMAGNETISM
MAGNETIC PERMEABILITY
PHASE TRANSFORMATIONS
SPECIFIC HEAT
THERMAL EXPANSION

NEGATIVE CONDUCTANCE

RT AVALANCHE DIODES
GALLIUM ARSENIDES
GUNN EFFECT
TUNNEL DIODES

NEGATIVE DIFF MOBILITY SEMICONDUCTORS

USE NDM SEMICONDUCTOR DEVICES

NEGATIVE ELECTRON AFFINITY

GS AFFINITY
NEGATIVE ELECTRON AFFINITY
RT ELECTRON AFFINITY
ELECTRON EMISSION
GALLIUM ARSENIDES
PHOTOELECTRIC EMISSION
SEMICONDUCTORS (MATERIALS)

NEGATIVE FEEDBACK

UF DEGENERATIVE FEEDBACK
GS FEEDBACK
NEGATIVE FEEDBACK
RT AUTOMATIC CONTROL
DAMPING
DEGENERATION
FEEDBACK CONTROL
NONLINEAR FEEDBACK
OSCILLATORS
TRANSFER FUNCTIONS

NEGATIVE IONS

GS IONS
NEGATIVE IONS
ANIONS
RT FREE RADICALS
IONIC MOBILITY
NITROGEN IONS
OXYGEN IONS
PLASMA PHYSICS

NEGATIVE MATTER

SN (NOT ANTIMATTER)
GS MATTER (PHYSICS)
NEGATIVE MATTER
RT ANTIMATTER
CONDENSED MATTER PHYSICS
EXTRATERRESTRIAL MATTER
MASS

NEGATIVE MATTER PROPULSION

GS PROPULSION
SPACECRAFT PROPULSION
NEGATIVE MATTER PROPULSION
RT INTERPLANETARY FLIGHT
INTERSTELLAR TRAVEL
MATTER-ANTIMATTER PROPULSION
ROCKET ENGINES

NEGATIVE RESISTANCE CIRCUITS

GS CIRCUITS
NEGATIVE RESISTANCE CIRCUITS
RT RESISTANCE
TUNNEL DIODES

NEGATIVE RESISTANCE DEVICES

RT ALUMINUM GALLIUM ARSENIDES
GALLIUM ARSENIDES
GUNN DIODES
GUNN EFFECT
MIM DIODES
NEGATRONES
PARAMETRIC AMPLIFIERS
RAMSAUER EFFECT
RESISTANCE
RESONANT TUNNELING

NEGATRONES

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
ELECTRONS
NEGATRONES
RT NEGATIVE RESISTANCE DEVICES

NEMBUTAL (TRADEMARK)

GS DRUGS
NEMBUTAL (TRADEMARK)

NEMBUTAL (TRADEMARK)--(cont.)

KETONES
NEMBUTAL (TRADEMARK)
SODIUM COMPOUNDS
NEMBUTAL (TRADEMARK)
RT PENTOBARBITAL SODIUM

NEMESIS (STAR)

UF SOLAR COMPANION STAR
GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
COMPANION STARS
NEMESIS (STAR)
RT DWARF STARS
EXTINCTION
OORT CLOUD
SOLAR NEIGHBORHOOD
STELLAR ORBITS
STELLAR SYSTEMS

NEODYMIUM

GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
NEODYMIUM
METALS
RARE EARTH ELEMENTS
NEODYMIUM
RT DIDYMIUM

NEODYMIUM ALLOYS

GS ALLOYS
RARE EARTH ALLOYS
NEODYMIUM ALLOYS

NEODYMIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
NEODYMIUM COMPOUNDS
RT CHEMICAL COMPOUNDS
METAL COMPOUNDS

NEODYMIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
NEODYMIUM ISOTOPES
RARE EARTH ELEMENTS
NEODYMIUM ISOTOPES
METALS
RARE EARTH ELEMENTS
NEODYMIUM ISOTOPES

NEODYMIUM LASERS

GS STIMULATED EMISSION DEVICES
LASERS
NEODYMIUM LASERS
RT COHERENT LIGHT
GLASS LASERS
OPTICAL PUMPING
RARE EARTH ELEMENTS

NEON

GS CHEMICAL ELEMENTS
RARE GASES
NEON
LIQUID NEON
NEON ISOTOPES
GASES
RARE GASES
NEON
LIQUID NEON
NEON ISOTOPES

NEON ISOTOPES

UF NEON 19
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
NEON ISOTOPES
RARE GASES
NEON
NEON ISOTOPES
GASES
RARE GASES
NEON
NEON ISOTOPES

NEON 19

USE NEON ISOTOPES

NEOPENTANE

GS ORGANIC COMPOUNDS
HYDROCARBONS

NEOPENTANE--(cont.)

- ... ALIPHATIC HYDROCARBONS
- ... ALKANES
- ... PENTANES
- ... **NEOPENTANE**

NEOPLASMS

- GS DISEASES
- ... TUMORS
- ... **NEOPLASMS**
- ... CANCER
- ... LEUKEMIAS
- RT CARCINOGENS
- ... CYSTS

NEOPRENES

- USE CHLOROPRENE RESINS

NEPAL

- GS NATIONS
- ... **NEPAL**
- RT ASIA

NEPHANALYSIS

- RT ALPINE METEOROLOGY
- ANVIL CLOUDS
- ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
- CAP CLOUDS
- CHEMICAL ANALYSIS
- CIRROCUMULUS CLOUDS
- CIRROSTRATUS CLOUDS
- CLOUD COVER
- CLOUD PHYSICS
- CLOUDS (METEOROLOGY)
- CONVECTION CLOUDS
- METEOROLOGICAL INSTRUMENTS
- METEOROLOGY
- NEPHELOMETERS
- PRECIPITATION (METEOROLOGY)
- SYNOPTIC MEASUREMENT
- SYNOPTIC METEOROLOGY
- WEATHER FORECASTING

NEPHELINE

- GS ALUMINUM COMPOUNDS
- ... **NEPHELINE**
- MINERALS
- ... **NEPHELINE**
- POTASSIUM COMPOUNDS
- ... **NEPHELINE**
- SILICON COMPOUNDS
- ... SILICATES
- ... **NEPHELINE**
- SODIUM COMPOUNDS
- ... **NEPHELINE**
- RT NEPHELITE

NEPHELITE

- GS ALUMINUM COMPOUNDS
- ... **NEPHELITE**
- CHALCOGENIDES
- ... OXIDES
- ... SILICON OXIDES
- ... **NEPHELITE**
- MINERALS
- ... **NEPHELITE**
- SILICON COMPOUNDS
- ... SILICON OXIDES
- ... **NEPHELITE**
- RT NEPHELINE

NEPHELOMETERS

- GS MEASURING INSTRUMENTS
- ... OPTICAL MEASURING INSTRUMENTS
- ... **NEPHELOMETERS**
- OPTICAL EQUIPMENT
- ... OPTICAL MEASURING INSTRUMENTS
- ... **NEPHELOMETERS**
- RT NEPHANALYSIS
- ... OPTICAL MEASUREMENT
- ... PHOTOMETERS

NEPHRITIS

- GS DISEASES
- ... KIDNEY DISEASES
- ... **NEPHRITIS**
- RT BACTERIAL DISEASES

NEPTUNE (PLANET)

- GS CELESTIAL BODIES
- ... PLANETS
- ... GAS GIANT PLANETS
- ... **NEPTUNE (PLANET)**

NEPTUNE (PLANET)--(cont.)

- RT NEPTUNE ATMOSPHERE
- NEPTUNE SATELLITES
- NEREID
- TRITON
- VOYAGER 2 SPACECRAFT

NEPTUNE ATMOSPHERE

- GS ENVIRONMENTS
- ... EXTRATERRESTRIAL ENVIRONMENTS
- ... PLANETARY ENVIRONMENTS
- ... PLANETARY ATMOSPHERES
- ... **NEPTUNE ATMOSPHERE**
- RT AEROSPACE ENVIRONMENTS
- ... ATMOSPHERES
- ... GAS GIANT PLANETS
- HYDROGEN
- METHANE
- NEPTUNE (PLANET)
- PLANETARY IONOSPHERES
- TRITON

NEPTUNE SATELLITES

- GS CELESTIAL BODIES
- ... NATURAL SATELLITES
- ... **NEPTUNE SATELLITES**
- ... NEREID
- ... TRITON
- RT NEPTUNE (PLANET)

NEPTUNIUM

- GS CHEMICAL ELEMENTS
- ... ACTINIDE SERIES
- ... TRANSURANIUM ELEMENTS
- ... **NEPTUNIUM**
- ... NEPTUNIUM ISOTOPES
- ... NUCLIDES
- ... ISOTOPES
- ... RADIOACTIVE ISOTOPES
- ... TRANSURANIUM ELEMENTS
- ... **NEPTUNIUM**
- ... NEPTUNIUM ISOTOPES
- METALS
- ... ACTINIDE SERIES
- ... TRANSURANIUM ELEMENTS
- ... **NEPTUNIUM**
- ... NEPTUNIUM ISOTOPES

NEPTUNIUM COMPOUNDS

- GS ACTINIDE SERIES COMPOUNDS
- ... **NEPTUNIUM COMPOUNDS**
- RT ... CHEMICAL COMPOUNDS
- ... METAL COMPOUNDS

NEPTUNIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- ... ACTINIDE SERIES
- ... TRANSURANIUM ELEMENTS
- ... NEPTUNIUM
- ... **NEPTUNIUM ISOTOPES**
- ... NUCLIDES
- ... ISOTOPES
- ... RADIOACTIVE ISOTOPES
- ... TRANSURANIUM ELEMENTS
- ... **NEPTUNIUM**
- ... **NEPTUNIUM ISOTOPES**
- METALS
- ... ACTINIDE SERIES
- ... TRANSURANIUM ELEMENTS
- ... NEPTUNIUM
- ... **NEPTUNIUM ISOTOPES**

NEREID

- GS CELESTIAL BODIES
- ... NATURAL SATELLITES
- ... NEPTUNE SATELLITES
- ... **NEREID**
- RT NEPTUNE (PLANET)

NERNST GENERATORS

- USE THERMOMAGNETIC COOLING

NERNST HEAT THEOREM

- USE NERNST-ETTINGSHAUSEN EFFECT

NERNST-ETTINGSHAUSEN EFFECT

- UF NERNST HEAT THEOREM
- GS GALVANOMAGNETIC EFFECTS
- ... **NERNST-ETTINGSHAUSEN EFFECT**
- RT ... EFFECTS
- ... TEMPERATURE EFFECTS
- ... THERMOMAGNETIC EFFECTS

NERVA (ENGINE)

- USE NUCLEAR ENGINE FOR ROCKET VEHICLES

NERVES

- GS ANATOMY
- ... NERVOUS SYSTEM
- ... **NERVES**
- ... GANGLIA
- ... OCULOMOTOR NERVES
- RT CAROTID SINUS BODY
- CAROTID SINUS REFLEX
- HIS BUNDLE
- MYELIN
- NEURITIS
- NEURONS
- SCIATIC REGION
- SYNAPSES

NERVOUS SYSTEM

- UF VASOMOTOR NERVOUS SYSTEM
- GS ANATOMY
- ... **NERVOUS SYSTEM**
- ... AFFERENT NERVOUS SYSTEMS
- ... AUTONOMIC NERVOUS SYSTEM
- ... SYMPATHETIC NERVOUS SYSTEM
- ... CENTRAL NERVOUS SYSTEM
- ... BRAIN
- ... BRAIN STEM
- ... CEREBELLUM
- ... CEREBRAL VENTRICLES
- ... CEREBRUM
- ... CEREBRAL CORTEX
- ... OCCIPITAL LOBES
- ... DIENCEPHALON
- ... HYPOTHALAMUS
- ... PINEAL GLAND
- ... THALAMUS
- ... HIPPOCAMPUS
- ... SPINAL CORD
- ... Efferent NERVOUS SYSTEMS
- ... NERVES
- ... GANGLIA
- ... OCULOMOTOR NERVES
- ... PERIPHERAL NERVOUS SYSTEM
- RT ELECTROPHYSIOLOGY
- HOMEOSTASIS
- MYELIN
- NEURASTHENIA
- NEURITIS
- NEUROGLIA
- NEURONS
- NEUROPSYCHIATRY
- NEUROTRANSMITTERS
- PROPRIOCEPTORS
- PSYCHOPHARMACOLOGY
- SENSE ORGANS
- SYNAPSES
- ... SYSTEMS

NETHERLANDS

- UF HOLLAND
- GS NATIONS
- ... **NETHERLANDS**
- RT ASTRONOMICAL NETHERLANDS
- SATELLITE
- EUROPE
- NETHERLANDS SPACE PROGRAM
- SURINAM

NETHERLANDS SPACE PROGRAM

- GS PROGRAMS
- ... SPACE PROGRAMS
- ... EUROPEAN SPACE PROGRAMS
- ... **NETHERLANDS SPACE PROGRAM**
- RT ASTRONOMICAL NETHERLANDS
- SATELLITE
- INFRARED ASTRONOMY SATELLITE
- NETHERLANDS

NETS

- GS **NETS**
- ... NEURAL NETS
- ... PETRI NETS
- RT ... NETWORKS

NETWORK ANALYSIS

- UF TELLEGEN THEORY
- GS **NETWORK ANALYSIS**
- ... CRITICAL PATH METHOD
- ... SNEAK CIRCUIT ANALYSIS
- RT ... ANALYZING
- ... CIRCUITS
- ... DATA FLOW ANALYSIS
- ... DISTRIBUTED PARAMETER SYSTEMS

NETWORK ANALYSIS--(cont.)

DUALITY PRINCIPLE
ELECTRIC TERMINALS
EQUIVALENT CIRCUITS
FOSTER THEORY
GYRATORS
HYDRAULIC EQUIPMENT
INSERTION
KIRCHHOFF LAW OF NETWORKS
LC CIRCUITS
∞ NETWORKS
∞ PATHS
RC CIRCUITS
RL CIRCUITS
RLC CIRCUITS
SIGNAL FLOW GRAPHS
SUPERPOSITION (MATHEMATICS)

NETWORK CONTROL

RT COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMPUTER NETWORKS
∞ CONTROL
LOCAL AREA NETWORKS
PACKET SWITCHING
SATELLITE NETWORKS
TRANSMISSION EFFICIENCY

NETWORK SYNTHESIS

UF TELLEGEN THEORY
RT COMMUNICATION THEORY
EQUIVALENT CIRCUITS
HYDRAULIC EQUIPMENT
KIRCHHOFF LAW OF NETWORKS
LC CIRCUITS
∞ NETWORKS
RC CIRCUITS
RICHARDS THEOREM
RL CIRCUITS
RLC CIRCUITS
SUPERPOSITION (MATHEMATICS)
SWITCHING THEORY
∞ SYNTHESIS
TOPOLOGY

∞ NETWORKS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ARPA COMPUTER NETWORK
BOND GRAPHS
CIRCUITS
COMPUTER NETWORKS
COUPLING CIRCUITS
DEEP SPACE NETWORK
DIFFERENTIATORS
ELECTRIC NETWORKS
ELECTRIC POWER TRANSMISSION
GRAPHS (CHARTS)
GYRATORS
HYDRAULIC EQUIPMENT
INTEGRATORS
MAGNETIC CIRCUITS
MANNED SPACE FLIGHT NETWORK
MOSAICS
NASCOM NETWORK
NETS
NETWORK ANALYSIS
NETWORK SYNTHESIS
NEURAL NETS
PNEUMATIC EQUIPMENT
QUADRUPOLE NETWORKS
RADAR NETWORKS
SATELLITE NETWORKS
SIGNAL FLOW GRAPHS
TOPOLOGY
TRACKING NETWORKS
TRANSMISSION LINES
TRANSPORTATION NETWORKS
UNDERGROUND TRANSMISSION LINES

NEUMANN PROBLEM

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
NEUMANN PROBLEM
BOUNDARY VALUE PROBLEMS
NEUMANN PROBLEM
RT DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
∞ PROBLEMS

NEURAL NETS

GS NETS
NEURAL NETS
RT CYBERNETICS

NEURAL NETS--(cont.)

GENETIC ALGORITHMS
LOGIC CIRCUITS
∞ NETWORKS

NEURASTHENIA

GS DISEASES
NEURASTHENIA
RT NERVOUS SYSTEM

NEURISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
NEURISTORS
RT BIONICS

NEURITIS

GS DISEASES
NEURITIS
RT NERVES
NERVOUS SYSTEM

NEUROBLASTS

GS CELLS (BIOLOGY)
NEURONS
NEUROBLASTS
RT EMBRYOLOGY

NEUROGLIA

GS TISSUES (BIOLOGY)
NEUROGLIA
RT BRAIN
CELLS (BIOLOGY)
GANGLIA
NERVOUS SYSTEM
SPINAL CORD

NEUROLOGY

UF NEUROSCIENCE
GS MEDICAL SCIENCE
NEUROLOGY
RT BRAIN
CHEMICAL DEFENSE
ELECTROPHYSIOLOGY
LIFE SCIENCES
NEUROPSYCHIATRY
THRESHOLDS (PERCEPTION)

NEUROMUSCULAR TRANSMISSION

RT BIOELECTRICITY
CHOLINESTERASE
NEUROTRANSMITTERS
PERIPHERAL NERVOUS SYSTEM
SYNAPSES

NEURON TRANSMISSION

USE BIOELECTRICITY

NEURONS

GS CELLS (BIOLOGY)
NEURONS
AXONS
NEUROBLASTS
RT BLOOD-BRAIN BARRIER
MYELIN
NERVES
NERVOUS SYSTEM
SYNAPSES
SYNCODERS

NEUROPHYSIOLOGY

GS PHYSIOLOGY
NEUROPHYSIOLOGY
RT GANGLIA
INFORMATION PROCESSING (BIOLOGY)
ONTOGENY
PSYCHOTROPIC DRUGS
∞ SCIENCE

NEUROPSYCHIATRY

GS MEDICAL SCIENCE
PSYCHIATRY
NEUROPSYCHIATRY
RT HUMAN BEHAVIOR
∞ MEDICINE
MENTAL HEALTH
NERVOUS SYSTEM
NEUROLOGY
PSYCHOTHERAPY

NEUROSCIENCE

USE NEUROLOGY

NEUROSES

GS NEUROSES
NEUROTIC DEPRESSION
RT FEAR
FEAR OF FLYING
PSYCHOSES

NEUROSPORA

GS PLANTS (BOTANY)
FUNGI
NEUROSPORA
RT GENETICS

NEUROTIC DEPRESSION

GS NEUROSES
NEUROTIC DEPRESSION
RT ∞ DEPRESSION
PSYCHOTIC DEPRESSION

NEUROTRANSMITTERS

RT AXONS
CATECHOLAMINE
CELLS (BIOLOGY)
NERVOUS SYSTEM
NEUROMUSCULAR TRANSMISSION
SYNAPSES

NEUROTROPISM

GS TROPISM
NEUROTROPISM

NEUTRAL ATMOSPHERES

RT ∞ ATMOSPHERES
NEUTRAL GASES

NEUTRAL ATOMS

GS ATOMS
NEUTRAL ATOMS
RT ATOMIC BEAMS
CHARGE DISTRIBUTION
∞ ELEMENTS
H I REGIONS
NEUTRAL BEAMS
NEUTRAL GASES

NEUTRAL BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
NEUTRAL BEAMS
MOLECULAR BEAMS
NEUTRON BEAMS
RT ATOMIC BEAMS
BEAM INJECTION
BEAM NEUTRALIZATION
NEUTRAL ATOMS
PARTICLES
PION BEAMS

NEUTRAL BUOYANCY SIMULATION

GS ENVIRONMENTAL TESTS
UNDERWATER TESTS
NEUTRAL BUOYANCY SIMULATION
SIMULATION
ENVIRONMENT SIMULATION
SPACE ENVIRONMENT SIMULATION
WEIGHTLESSNESS SIMULATION
NEUTRAL BUOYANCY
SIMULATION
RT BUOYANCY
SPACE SIMULATORS
WEIGHTLESSNESS

NEUTRAL CURRENTS

RT CURRENT DISTRIBUTION
GRAVITATIONAL COLLAPSE
NEUTRAL PARTICLES
NEUTRINOS
NEUTRON STARS
PARTICLE INTERACTIONS
STELLAR EVOLUTION

NEUTRAL GASES

GS GASES
NEUTRAL GASES
RT COSMIC GASES
H I REGIONS
HYDROGEN CLOUDS
INTERPLANETARY GAS
INTERSTELLAR GAS
IONIZED GASES
NEUTRAL ATMOSPHERES
NEUTRAL ATOMS
PLASMAS (PHYSICS)

NEUTRAL PARTICLES

GS PARTICLES
 . NEUTRAL PARTICLES
 . . GRAVITINOS
 . . . NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 SOLAR NEUTRONS
 THERMAL NEUTRONS
 RT ELECTRON RECOMBINATION
 NEUTRAL CURRENTS

NEUTRAL SHEETS

RT ATMOSPHERIC PHYSICS
 CHARGED PARTICLES
 EARTH MAGNETOSPHERE
 PARTICLE MOTION
 PLASMA PHYSICS
 ∞ SHEETS

NEUTRALIZERS

RT ADDITIVES
 ∞ AGENTS
 . BUFFERS (CHEMISTRY)
 . DISCHARGERS
 . INHIBITORS
 . PRESERVATIVES
 . RETARDANTS
 . STABILIZERS (AGENTS)
 . SUPPRESSORS

NEUTRINO BEAMS

GS BEAMS (RADIATION)
 . PARTICLE BEAMS
 . . NEUTRINO BEAMS

NEUTRINOS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . LEPTONS
 NEUTRINOS
 SOLAR NEUTRINOS
 RT ANTINEUTRINOS
 DARK MATTER
 GRAVITINOS
 NEUTRAL CURRENTS

NEUTRON ABSORBERS

RT ABSORBERS (MATERIALS)
 CONTROL RODS
 MODERATORS
 POISONING (REACTION INHIBITION)
 RADIATION ABSORPTION
 RADIATION SHIELDING

NEUTRON ACTIVATION ANALYSIS

GS ACTIVATION ANALYSIS
 . NEUTRON ACTIVATION ANALYSIS
 . . CHEMICAL TESTS
 . . . CHEMICAL ANALYSIS
 NEUTRON ACTIVATION ANALYSIS
 RT MASS SPECTROMETERS
 MICROANALYSIS
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 SPECTROSCOPIC ANALYSIS

NEUTRON BEAMS

GS BEAMS (RADIATION)
 . PARTICLE BEAMS
 . . NEUTRAL BEAMS
 . . . NEUTRON BEAMS
 NUCLEAR RADIATION
 NEUTRON BEAMS
 RT ATOMIC BEAMS
 PARTICLES
 PION BEAMS
 PROTON BEAMS

NEUTRON COUNTERS

UF NEUTRON DETECTORS
 GS MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 RADIATION MEASURING INSTRUMENTS
 RADIATION COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 RT DOSIMETERS
 GEIGER COUNTERS
 IONIZATION CHAMBERS

NEUTRON COUNTERS--(cont.)

PROPORTIONAL COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS

NEUTRON CROSS SECTIONS

RT ABSORPTION CROSS SECTIONS
 ∞ CROSS SECTIONS
 . NUCLEAR PARTICLES
 . SCATTERING CROSS SECTIONS
 . STOPPING POWER

NEUTRON DECAY

GS DECAY
 . NEUTRON DECAY
 RT HOT ATOMS

NEUTRON DETECTORS

USE NEUTRON COUNTERS

NEUTRON DIFFRACTION

GS DIFFRACTION
 . NEUTRON DIFFRACTION
 RT CRYSTALLOGRAPHY

NEUTRON DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . NEUTRON DISTRIBUTION
 RT NUCLEAR PARTICLES

NEUTRON EMISSION

GS DECAY
 . RADIOACTIVE DECAY
 . . NEUTRON EMISSION
 . EMISSION
 . . PARTICLE EMISSION
 . . . NEUTRON EMISSION
 NUCLEAR REACTIONS
 RADIOACTIVE DECAY
 NEUTRON EMISSION
 RT NEUTRONS
 SELECTION RULES (NUCLEAR PHYSICS)

NEUTRON FLUX

USE FLUX (RATE)

NEUTRON FLUX DENSITY

SN (LIMITED TO NEUTRON EMISSION OR
 DETECTION RATE PER UNIT AREA)
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . PARTICLE FLUX DENSITY
 NEUTRON FLUX DENSITY
 RT HIGH FLUX ISOTOPE REACTORS
 IRRADIANCE
 NUCLEAR FISSION
 RADIANCE
 RADIANCY
 RADIATION SHIELDING
 SOLAR NEUTRONS

NEUTRON IRRADIATION

GS IRRADIATION
 . NEUTRON IRRADIATION
 RT ION IRRADIATION
 TRANSMUTATION

NEUTRON PHYSICS

RT ∞ PHYSICS
 ∞ SCIENCE

NEUTRON RADIOGRAPHY

GS IMAGERY
 . RADIOGRAPHY
 . . NEUTRON RADIOGRAPHY
 . . . NONDESTRUCTIVE TESTS
 NEUTRON RADIOGRAPHY
 RT ∞ MATERIALS TESTS

NEUTRON SCATTERING

UF LEGENDRE CODE
 GS NUCLEAR REACTIONS
 . NUCLEAR SCATTERING
 . . NEUTRON SCATTERING
 . . . SCATTERING
 NUCLEAR SCATTERING
 NEUTRON SCATTERING
 RT ELEMENTARY PARTICLES
 NUCLEAR PARTICLES
 RESONANCE SCATTERING

NEUTRON SOURCES

GS RADIATION SOURCES

NEUTRON SOURCES--(cont.)

. NEUTRON SOURCES
 RT LINEAR ACCELERATORS
 NUCLEAR FUELS
 NUCLEAR RESEARCH AND TEST
 REACTORS
 PARTICLE ACCELERATORS
 SPENT FUELS

NEUTRON SPECTRA

GS SPECTRA
 . ENERGY SPECTRA
 . . NEUTRON SPECTRA

NEUTRON SPECTROMETERS

UF TRIPLE AXIS SPECTROMETERS
 GS MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 RADIATION MEASURING INSTRUMENTS
 RADIATION COUNTERS
 NEUTRON COUNTERS
 NEUTRON SPECTROMETERS
 SPECTROMETERS
 NEUTRON SPECTROMETERS

NEUTRON STARS

SN (EXCLUDES TRACKS OF PARTICLES
 EMANATING FROM A NUCLEAR
 COLLISION)
 GS CELESTIAL BODIES
 . STARS
 . . NEUTRON STARS
 . . . PULSARS
 RT DEGENERATE MATTER
 GRAVITATIONAL LENSES
 NEUTRAL CURRENTS
 STARQUAKES
 SUPERNOVA REMNANTS
 X RAY BINARIES
 X RAY STARS

NEUTRON THERMALIZATION

GS ENERGY ABSORPTION
 . MODERATION (ENERGY ABSORPTION)
 . . THERMALIZATION (ENERGY
 ABSORPTION)
 . . . NEUTRON THERMALIZATION

NEUTRON TRANSMUTATION

USE NUCLEAR REACTIONS

NEUTRONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 SOLAR NEUTRONS
 THERMAL NEUTRONS
 NEUTRAL PARTICLES
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 SOLAR NEUTRONS
 THERMAL NEUTRONS
 RT BARYONS
 CHARGED PARTICLES
 CORPUSCULAR RADIATION
 COSMIC RAYS
 NEUTRON EMISSION
 NUCLEAR RADIATION
 NUCLEI (NUCLEAR PHYSICS)
 NUCLEON POTENTIAL
 NUCLEONS
 RADIATION EFFECTS
 RADIATION SHIELDING

NEVADA

GS NATIONS
 . UNITED STATES
 . . NEVADA
 RT GREAT BASIN (US)
 LAKE TAHOE (CA-NV)
 PYRAMID LAKE (NV)
 SOUTHERN CALIFORNIA

NEW BRUNSWICK

GS NATIONS
 . CANADA

NEW BRUNSWICK--(cont.)
NEW BRUNSWICK

NEW ENGLAND (US)
 GS REGIONS
 . **NEW ENGLAND (US)**
 RT UNITED STATES

NEW GUINEA (ISLAND)
 GS LANDFORMS
 . ISLANDS
 . . PACIFIC ISLANDS
 . . **NEW GUINEA (ISLAND)**
 RT PAPUA NEW GUINEA
 TORRES STRAIT

NEW HAMPSHIRE
 GS NATIONS
 . UNITED STATES
 . **NEW HAMPSHIRE**
 RT ST LAWRENCE VALLEY (NORTH AMERICA)

NEW HAVEN (CT)
 GS CITIES
 . **NEW HAVEN (CT)**
 RT CONNECTICUT

NEW JERSEY
 GS NATIONS
 . UNITED STATES
 . **NEW JERSEY**
 RT DELAWARE BAY (US)
 DELAWARE RIVER BASIN (US)
 HUDSON RIVER (NY-NJ)

NEW MEXICO
 GS NATIONS
 . UNITED STATES
 . **NEW MEXICO**
 RT COLORADO PLATEAU (US)
 RIO GRANDE (NORTH AMERICA)

NEW MOONS PROJECT
 GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . **NEW MOONS PROJECT**
 . PROJECTS
 . . **NEW MOONS PROJECT**
 . SPACE PROGRAMS
 . . NASA SPACE PROGRAMS
 . . **NEW MOONS PROJECT**
 RT NUCLEAR PROPULSION
 STRUCTURAL WEIGHT
 WEIGHT ANALYSIS

NEW YORK
 GS NATIONS
 . UNITED STATES
 . **NEW YORK**
 RT ADIRONDACK MOUNTAINS (NY)
 DELAWARE RIVER BASIN (US)
 HUDSON RIVER (NY-NJ)
 LAKE CHAMPLAIN BASIN (NY-VT)
 LONG ISLAND (NY)
 NEW YORK CITY (NY)
 ST LAWRENCE VALLEY (NORTH AMERICA)
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)

NEW YORK CITY (NY)
 GS CITIES
 . **NEW YORK CITY (NY)**
 RT NEW YORK

NEW ZEALAND
 GS LANDFORMS
 . ISLANDS
 . . PACIFIC ISLANDS
 . . **NEW ZEALAND**
 NATIONS
 . **NEW ZEALAND**
 RT NEW ZEALAND SPACE PROGRAM

NEW ZEALAND SPACE PROGRAM
 GS PROGRAMS
 . SPACE PROGRAMS
 . . **NEW ZEALAND SPACE PROGRAM**
 RT NEW ZEALAND

NEWFOUNDLAND
 GS LANDFORMS

NEWFOUNDLAND--(cont.)
 . ISLANDS
 . . **NEWFOUNDLAND**
 NATIONS
 . CANADA
 . . **NEWFOUNDLAND**

NEWS
 RT DOCUMENTATION

NEWS MEDIA
 RT DATA ACQUISITION
 INFORMATION
 ∞ JOURNALS

NEWTON
 RT ∞ FORCE
 KINETICS
 NEWTONIAN FLUIDS
 NONNEWTONIAN FLUIDS

NEWTON METHODS
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **NEWTON METHODS**
 NEWTON-RAPHSON METHOD
 ITERATION
 . . . **NEWTON METHODS**
 RT ITERATIVE SOLUTION
 PROBLEM SOLVING
 ROOTS OF EQUATIONS

NEWTON PRESSURE LAW
 GS LAWS
 . **NEWTON PRESSURE LAW**
 RT COMPRESSIBLE FLOW
 LAMINAR FLOW
 NEWTONIAN FLUIDS
 PRANDTL-MEYER EXPANSION
 PRESSURE
 PRESSURE DISTRIBUTION

NEWTON SECOND LAW
 GS KINETICS
 . **NEWTON SECOND LAW**
 LAWS
 RT **NEWTON SECOND LAW**
 CONSERVATION
 MOMENTUM THEORY

NEWTON THEORY
 GS KINETICS
 . **NEWTON THEORY**
 THEORETICAL PHYSICS
 . **NEWTON THEORY**
 RT CONSERVATION LAWS
 NEWTONIAN FLUIDS
 NONNEWTONIAN FLUIDS
 NONRELATIVISTIC MECHANICS
 ∞ THEORIES

NEWTON-BUSEMANN LAW
 GS LAWS
 . **NEWTON-BUSEMANN LAW**

NEWTON-RAPHSON METHOD
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . NEWTON METHODS
 **NEWTON-RAPHSON METHOD**
 RT ∞ METHODOLOGY

NEWTONIAN FLUIDS
 RT ANISOTROPIC FLUIDS
 ∞ FLUIDS
 NAVIER-STOKES EQUATION
 NEWTON
 NEWTON PRESSURE LAW
 NEWTON THEORY
 NONNEWTONIAN FLUIDS
 STRESS-STRAIN-TIME RELATIONS
 VISCOUS FLUIDS

NICARAGUA
 GS NATIONS
 . **NICARAGUA**
 RT CENTRAL AMERICA

NICHROME (TRADEMARK)
 GS ALLOYS
 . NICKEL ALLOYS
 . . **NICHROME (TRADEMARK)**

NICKEL
 GS CHEMICAL ELEMENTS
 . **NICKEL**
 . . NICKEL ISOTOPES
 METALS
 . TRANSITION METALS
 . . **NICKEL**
 . . . NICKEL ISOTOPES
 RT CONSTANTAN

NICKEL ALLOYS
 GS ALLOYS
 . **NICKEL ALLOYS**
 . . ASTROLOY (TRADEMARK)
 . . HASTELLOY (TRADEMARK)
 . . INCONEL (TRADEMARK)
 . . KAMACITE
 . . MONEL (TRADEMARK)
 . . NICHROME (TRADEMARK)
 . . NITINOL ALLOYS
 . . RENE 41
 . . RENE 63
 . . RENE 77
 . . RENE 95
 . . UDIMET ALLOYS
 . . WASPALOY
 RT ALUMINIDES
 GOLD ALLOYS
 HEAT RESISTANT ALLOYS
 NIMONIC ALLOYS
 PERMALLOYS (TRADEMARK)
 SHAPE MEMORY ALLOYS
 SILICON ALLOYS
 STAINLESS STEELS
 SULFIDATION

NICKEL CADMIUM BATTERIES
 UF CADMIUM NICKEL BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **NICKEL CADMIUM BATTERIES**
 RT DRY CELLS
 SILVER CADMIUM BATTERIES

NICKEL COATINGS
 GS COATINGS
 . METAL COATINGS
 . . **NICKEL COATINGS**
 RT CORROSION PREVENTION
 METAL FILMS
 PROTECTIVE COATINGS

NICKEL COMPOUNDS
 GS **NICKEL COMPOUNDS**
 . COHENITE
 . NICKEL FLUORIDES
 . NICKEL OXIDES
 . SCHREIBERSITE
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 8 COMPOUNDS
 ∞ METAL COMPOUNDS

NICKEL FLUORIDES
 GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 **NICKEL FLUORIDES**
 NICKEL COMPOUNDS
 . **NICKEL FLUORIDES**

NICKEL HYDROGEN BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **NICKEL HYDROGEN BATTERIES**
 RT ENERGY STORAGE
 HYDROGEN-BASED ENERGY
 SPACECRAFT POWER SUPPLIES

NICKEL IRON BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . **NICKEL IRON BATTERIES**
 RT LEAD ACID BATTERIES
 NICKEL ZINC BATTERIES
 STORAGE BATTERIES

NICKEL ISOTOPES
 GS CHEMICAL ELEMENTS
 . NICKEL
 . . **NICKEL ISOTOPES**
 . . NUCLIDES
 . . ISOTOPES

NICKEL ISOTOPES--(cont.)
 . . . **NICKEL ISOTOPES**
 METALS
 . TRANSITION METALS
 . . NICKEL
 . . . **NICKEL ISOTOPES**

NICKEL OXIDES
 GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **NICKEL OXIDES**
 NICKEL COMPOUNDS
 . **NICKEL OXIDES**

NICKEL PLATE
 GS PLATING
 . **NICKEL PLATE**
 RT ELECTROPLATING
 GOLD COATINGS

NICKEL STEELS
 GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . **NICKEL STEELS**
 RT STAINLESS STEELS

NICKEL ZINC BATTERIES
 UF ZINC NICKEL BATTERIES
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . PRIMARY BATTERIES
 . . . DRY CELLS
 **NICKEL ZINC BATTERIES**
 ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . PRIMARY BATTERIES
 . . . DRY CELLS
 **NICKEL ZINC BATTERIES**
 . . STORAGE BATTERIES
 . . . **NICKEL ZINC BATTERIES**
 RT NICKEL IRON BATTERIES

NICOTINAMIDE
 GS BASES (CHEMICAL)
 . ALKALOIDS
 . . **NICOTINAMIDE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **NICOTINAMIDE**
 . AMIDES
 . . **NICOTINAMIDE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **NICOTINAMIDE**
 VITAMINS
 . **NICOTINAMIDE**

NICOTINE
 GS BASES (CHEMICAL)
 . ALKALOIDS
 . . **NICOTINE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **NICOTINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **NICOTINE**
 RT TOBACCO

NICOTINIC ACID
 GS ACIDS
 . CARBOXYLIC ACIDS
 . . **NICOTINIC ACID**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . **NICOTINIC ACID**
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **NICOTINIC ACID**
 VITAMINS
 . **NICOTINIC ACID**

NIGELLA
 GS PLANTS (BOTANY)
 . **NIGELLA**
 RT BOTANY

NIGER
 GS NATIONS
 . **NIGER**
 RT AFRICA

NIGERIA
 GS NATIONS
 . **NIGERIA**
 RT AFRICA

NIGHT
 RT DARKENING
 DARKNESS
 DAYTIME
 DIURNAL VARIATIONS
 EVENING
 SHADOWS
 SKY BRIGHTNESS
 TWILIGHT GLOW

NIGHT AIRGLOW
 USE NIGHTGLOW

NIGHT E LAYER
 USE E REGION
 NIGHT SKY

NIGHT F LAYER
 USE F REGION
 NIGHT SKY

NIGHT FLIGHTS (AIRCRAFT)
 RT ∞ AIRCRAFT
 APPROACH CONTROL
 BLIND LANDING
 DARKNESS
 FLIGHT INSTRUMENTS
 INSTRUMENT APPROACH
 INSTRUMENT LANDING SYSTEMS
 NAP-OF-THE-EARTH NAVIGATION
 RADAR
 RADIO BEACONS
 VISIBILITY

NIGHT SKY
 UF NIGHT E LAYER
 NIGHT F LAYER
 GS SKY
 . **NIGHT SKY**
 RT AIRGLOW
 AURORAS
 GEGENSCHN
 NIGHTGLOW
 SKY BRIGHTNESS
 TWILIGHT GLOW
 ZODIACAL LIGHT

NIGHT VISION
 GS VISION
 . **NIGHT VISION**
 RT DARK ADAPTATION
 IMAGE INTENSIFIERS
 LIGHT ADAPTATION
 MICROCHANNELS
 NAP-OF-THE-EARTH NAVIGATION

NIGHTGLOW
 UF NIGHT AIRGLOW
 GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . . AIRGLOW
 . . . **NIGHTGLOW**
 ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . . SKY RADIATION
 . . . AIRGLOW
 **NIGHTGLOW**
 RT BIOMETEOROLOGY
 NIGHT SKY
 RADIO AURORAS
 SKY BRIGHTNESS

NIGOTRONS
 GS ELECTRON TUBES
 . VACUUM TUBES
 . . MICROWAVE TUBES
 . . . MAGNETRONS
 **NIGOTRONS**
 MICROWAVE EQUIPMENT
 . MICROWAVE OSCILLATORS
 . . MAGNETRONS
 . . . **NIGOTRONS**
 . MICROWAVE TUBES
 . . MAGNETRONS

NIGOTRONS--(cont.)
 . . . **NIGOTRONS**
 OSCILLATORS
 . MICROWAVE OSCILLATORS
 . . MAGNETRONS
 . . . **NIGOTRONS**

NIHON AIRCRAFT
 UF NAMC AIRCRAFT
 GS **NIHON AIRCRAFT**
 . YS-11 AIRCRAFT
 RT ∞ AIRCRAFT

NIHON YS-11 AIRCRAFT
 USE YS-11 AIRCRAFT

NIKE BOOSTER ROCKET ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . **NIKE BOOSTER ROCKET ENGINES**
 . . . SOLID PROPELLANT ROCKET
 ENGINES
 **NIKE BOOSTER ROCKET ENGINES**
 RT ∞ NIKE ROCKETS

NIKE MISSILES
 GS MISSILES
 . SURFACE TO AIR MISSILES
 . . **NIKE MISSILES**
 . . . NIKE-AJAX MISSILE
 . . . NIKE-HERCULES MISSILE
 . . . NIKE-ZEUS MISSILE
 RT ANTI-AIRCRAFT MISSILES
 ANTIMISSILE MISSILES
 ∞ NIKE ROCKETS
 SENTINEL SYSTEM

NIKE PROJECT
 GS PROGRAMS
 . PROJECTS
 . . **NIKE PROJECT**
 RT ∞ NIKE ROCKETS

NIKE ROCKET VEHICLES
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . **NIKE ROCKET VEHICLES**
 . . . NIKE-APACHE ROCKET VEHICLE
 . . . NIKE-CAJUN ROCKET VEHICLE
 . . . NIKE-HYDAC ROCKET VEHICLE
 . . . NIKE-IROQUOIS ROCKET VEHICLE
 . . . NIKE-JAVELIN ROCKET VEHICLE
 . . . NIKE-TOMAHAWK ROCKET VEHICLE
 RT ∞ NIKE ROCKETS
 ∞ VEHICLES

∞ **NIKE ROCKETS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NIKE BOOSTER ROCKET ENGINES
 NIKE MISSILES
 NIKE PROJECT
 NIKE ROCKET VEHICLES

NIKE X SYSTEMS
 GS WEAPON SYSTEMS
 . MISSILE SYSTEMS
 . . **NIKE X SYSTEMS**
 RT ANTIMISSILE MISSILES
 MISSILES
 SURFACE TO AIR MISSILES
 ∞ SYSTEMS

NIKE-AJAX MISSILE
 GS MISSILES
 . ANTI-AIRCRAFT MISSILES
 . . **NIKE-AJAX MISSILE**
 . SURFACE TO AIR MISSILES
 . . NIKE MISSILES
 . . . **NIKE-AJAX MISSILE**
 RT ARGO ROCKET VEHICLES
 EXOS SOUNDING ROCKET
 LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 TRAILBLAZER 1 REENTRY VEHICLE

NIKE-APACHE ROCKET VEHICLE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . NIKE ROCKET VEHICLES
 . . . **NIKE-APACHE ROCKET VEHICLE**
 RT SOLID PROPELLANT ROCKET ENGINES

NIKE-CAJUN ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . NIKE ROCKET VEHICLES
 - . . . **NIKE-CAJUN ROCKET VEHICLE**
- RT CAJUN ROCKET VEHICLE
 - . SOLID PROPELLANT ROCKET ENGINES

NIKE-HERCULES MISSILE

- GS MISSILES
 - . ANTI-AIRCRAFT MISSILES
 - . . . **NIKE-HERCULES MISSILE**
 - . SURFACE TO AIR MISSILES
 - . . . NIKE MISSILES
 - . . . **NIKE-HERCULES MISSILE**
- RT SOLID PROPELLANT ROCKET ENGINES

NIKE-HYDAC ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . NIKE ROCKET VEHICLES
 - . . . **NIKE-HYDAC ROCKET VEHICLE**
- RT ∞ VEHICLES

NIKE-IROQUOIS ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . NIKE ROCKET VEHICLES
 - . . . **NIKE-IROQUOIS ROCKET VEHICLE**
- RT ∞ VEHICLES

NIKE-JAVELIN ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . NIKE ROCKET VEHICLES
 - . . . **NIKE-JAVELIN ROCKET VEHICLE**
- RT SOLID PROPELLANT ROCKET ENGINES
 - . SOUNDING ROCKETS

NIKE-TOMAHAWK ROCKET VEHICLE

- GS ROCKET VEHICLES
 - . MULTISTAGE ROCKET VEHICLES
 - . NIKE ROCKET VEHICLES
 - . . . **NIKE-TOMAHAWK ROCKET VEHICLE**
- RT SOLID PROPELLANT ROCKET ENGINES

NIKE-ZEUS MISSILE

- UF ZEUS MISSILE
- GS MISSILES
 - . ANTIMISSILE MISSILES
 - . . . **NIKE-ZEUS MISSILE**
 - . SURFACE TO AIR MISSILES
 - . . . NIKE MISSILES
 - . . . **NIKE-ZEUS MISSILE**
- RT SOLID PROPELLANT ROCKET ENGINES
 - . SPARTAN MISSILE
 - . SPRINT MISSILE

NIMBOSTRATUS CLOUDS

- UF NIMBUS CLOUDS
- GS CLOUDS (METEOROLOGY)
 - . **NIMBOSTRATUS CLOUDS**
- RT CUMULONIMBUS CLOUDS
 - . PRECIPITATION (METEOROLOGY)
 - . STRATUS CLOUDS

NIMBUS CLOUDS

- USE NIMBOSTRATUS CLOUDS

NIMBUS PROJECT

- GS PROGRAMS
 - . NASA PROGRAMS
 - . . . NASA SPACE PROGRAMS
 - . . . **NIMBUS PROJECT**
 - . PROJECTS
 - . . . **NIMBUS PROJECT**
 - . SPACE PROGRAMS
 - . . . NASA SPACE PROGRAMS
 - . . . **NIMBUS PROJECT**
- RT CLOUD PHOTOGRAPHY
 - . METEOROLOGICAL SATELLITES
 - . SATELLITE OBSERVATION

NIMBUS SATELLITES

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . **NIMBUS SATELLITES**
 - . . . NIMBUS 1 SATELLITE
 - . . . NIMBUS 2 SATELLITE
 - . . . NIMBUS 3 SATELLITE
 - . . . NIMBUS 4 SATELLITE
 - . . . NIMBUS 5 SATELLITE
 - . . . NIMBUS 6 SATELLITE

NIMBUS SATELLITES--(cont.)

- RT . . . NIMBUS 7 SATELLITE
 - . CLOUD PHOTOGRAPHY
 - . ESSA SATELLITES
 - . INFRARED PHOTOGRAPHY
 - . SATELLITE OBSERVATION
 - . THOR AGENA LAUNCH VEHICLE

NIMBUS 1 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 1 SATELLITE**
- RT CLOUD PHOTOGRAPHY
 - . THOR AGENA LAUNCH VEHICLE

NIMBUS 2 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 2 SATELLITE**
- RT CLOUD PHOTOGRAPHY
 - . THOR AGENA LAUNCH VEHICLE

NIMBUS 3 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 3 SATELLITE**

NIMBUS 4 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 4 SATELLITE**

NIMBUS 5 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 5 SATELLITE**

NIMBUS 6 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 6 SATELLITE**

NIMBUS 7 SATELLITE

- GS ARTIFICIAL SATELLITES
 - . METEOROLOGICAL SATELLITES
 - . . . NIMBUS SATELLITES
 - . . . **NIMBUS 7 SATELLITE**
- RT TOTAL OZONE MAPPING
 - . SPECTROMETER

NIMONIC ALLOYS

- GS ALLOYS
 - . HEAT RESISTANT ALLOYS
 - . . . **NIMONIC ALLOYS**
- RT IRON ALLOYS
 - . NICKEL ALLOYS

NIMPHE (ENGINE)

- USE HYDRAZINE ENGINES

NIMROD ACCELERATOR

- GS PARTICLE ACCELERATORS
 - . **NIMROD ACCELERATOR**
- RT ∞ ACCELERATORS

NIOBATES

- GS NIOBIUM COMPOUNDS
 - . **NIOBATES**
 - . . . LITHIUM NIOBATES
- RT EUXENITE
 - . OXIDES
 - . ∞ OXYGEN COMPOUNDS

NIOBIUM

- UF COLUMBIUM
- GS CHEMICAL ELEMENTS
 - . **NIOBIUM**
 - . . . NIOBIUM ISOTOPES
 - . . . NIOBIUM 95
 - . METALS
 - . . . REFRACTORY METALS
 - . . . **NIOBIUM**
 - . . . NIOBIUM ISOTOPES
 - . . . NIOBIUM 95
 - . . . TRANSITION METALS
 - . . . **NIOBIUM**
 - . . . NIOBIUM ISOTOPES
 - . . . NIOBIUM 95

NIOBIUM--(cont.)

- . REFRACTORY MATERIALS
- . . . REFRACTORY METALS
- . . . **NIOBIUM**
- . . . NIOBIUM ISOTOPES
- . . . NIOBIUM 95

NIOBIUM ALLOYS

- GS ALLOYS
 - . HEAT RESISTANT ALLOYS
 - . . . REFRACTORY METAL ALLOYS
 - . . . **NIOBIUM ALLOYS**
- . REFRACTORY MATERIALS
- . . . REFRACTORY METAL ALLOYS
- . . . **NIOBIUM ALLOYS**
- RT HAFNIUM ALLOYS

NIOBIUM CARBIDES

- GS CARBON COMPOUNDS
 - . CARBIDES
 - . . . **NIOBIUM CARBIDES**
- . NIOBIUM COMPOUNDS
- . . . **NIOBIUM CARBIDES**

NIOBIUM COMPOUNDS

- GS **NIOBIUM COMPOUNDS**
 - . NIOBATES
 - . . . LITHIUM NIOBATES
 - . NIOBIUM CARBIDES
 - . NIOBIUM IODIDES
 - . NIOBIUM OXIDES
 - . NIOBIUM STANNIDES
- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 5B COMPOUNDS
- ∞ METAL COMPOUNDS

NIOBIUM IODIDES

- GS HALOGEN COMPOUNDS
 - . HALIDES
 - . . . METAL HALIDES
 - . . . **NIOBIUM IODIDES**
 - . IODINE COMPOUNDS
 - . . . IODIDES
 - . . . **NIOBIUM IODIDES**
- . NIOBIUM COMPOUNDS
- . . . **NIOBIUM IODIDES**

NIOBIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 - . NIOBIUM
 - . . . **NIOBIUM ISOTOPES**
 - . . . NIOBIUM 95
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . **NIOBIUM ISOTOPES**
 - . . . NIOBIUM 95
 - . METALS
 - . . . REFRACTORY METALS
 - . . . NIOBIUM
 - . . . **NIOBIUM ISOTOPES**
 - . . . NIOBIUM 95
 - . . . TRANSITION METALS
 - . . . NIOBIUM
 - . . . **NIOBIUM ISOTOPES**
 - . . . NIOBIUM 95
 - . REFRACTORY MATERIALS
 - . . . REFRACTORY METALS
 - . . . NIOBIUM
 - . . . **NIOBIUM ISOTOPES**
 - . . . NIOBIUM 95

NIOBIUM OXIDES

- GS CHALCOGENIDES
 - . OXIDES
 - . . . METAL OXIDES
 - . . . **NIOBIUM OXIDES**
- . NIOBIUM COMPOUNDS
- . . . **NIOBIUM OXIDES**

NIOBIUM STANNIDES

- GS NIOBIUM COMPOUNDS
 - . **NIOBIUM STANNIDES**
- . TIN COMPOUNDS
- . . . STANNIDES
- . . . **NIOBIUM STANNIDES**

NIOBIUM 95

- GS CHEMICAL ELEMENTS
 - . NIOBIUM
 - . . . NIOBIUM ISOTOPES
 - . . . **NIOBIUM 95**
 - . . . NUCLIDES
 - . . . ISOTOPES
 - . . . NIOBIUM ISOTOPES
 - . . . NIOBIUM 95

NIOBIUM 95--(cont.)

... RADIOACTIVE ISOTOPES
 ... **NIOBIUM 95**
 METALS
 ... REFRACTORY METALS
 ... NIOBIUM
 ... NIOBIUM ISOTOPES
 ... **NIOBIUM 95**
 ... TRANSITION METALS
 ... NIOBIUM
 ... NIOBIUM ISOTOPES
 ... **NIOBIUM 95**
 REFRACTORY MATERIALS
 ... REFRACTORY METALS
 ... NIOBIUM
 ... NIOBIUM ISOTOPES
 ... **NIOBIUM 95**

NIPS (SYSTEM)

USE NASA INTERACTIVE PLANNING SYSTEM

NITINOL ALLOYS

GS ALLOYS
 ... NICKEL ALLOYS
 ... **NITINOL ALLOYS**
 ... SHAPE MEMORY ALLOYS
 ... **NITINOL ALLOYS**
 ... TITANIUM ALLOYS
 ... **NITINOL ALLOYS**

NITRAMINE PROPELLANTS

GS PROPELLANTS
 ... ROCKET PROPELLANTS
 ... **NITRAMINE PROPELLANTS**
 ... SOLID PROPELLANTS
 ... **NITRAMINE PROPELLANTS**
 RT OXIDIZERS

NITRASOL EXPLOSIVES

GS EXPLOSIVES
 ... **NITRASOL EXPLOSIVES**
 PROPELLANTS
 ... **NITRASOL EXPLOSIVES**

NITRATE ESTERS

GS ESTERS
 ... **NITRATE ESTERS**
 ... ISOPROPYL NITRATE
 ... PROPYL NITRATE
 NITROGEN COMPOUNDS
 ... **NITRATE ESTERS**
 ... ISOPROPYL NITRATE
 ... PROPYL NITRATE

NITRATES

GS NITROGEN COMPOUNDS
 ... **NITRATES**
 ... DINITRATES
 ... INORGANIC NITRATES
 ... AMMONIUM NITRATES
 ... HYDRAZINE NITRATE
 ... POTASSIUM NITRATES
 ... SILVER NITRATES
 ... SODIUM NITRATES
 ... METHYL NITRATE
 ... ORGANIC NITRATES
 ... CELLULOSE NITRATE
 ... NITROFORMS
 ... HYDRAZINE NITROFORM
 ... NITROGLYCERIN
 ... PETN

NITRATION

GS CHEMICAL REACTIONS
 ... **NITRATION**
 RT DENITROGENATION

NITRIC ACID

GS ACIDS
 ... **NITRIC ACID**
 NITROGEN COMPOUNDS
 ... **NITRIC ACID**
 RT NITROUS ACID

NITRIC OXIDE

GS CHALCOGENIDES
 ... OXIDES
 ... NITROGEN OXIDES
 ... **NITRIC OXIDE**
 NITROGEN COMPOUNDS
 ... NITROGEN OXIDES
 ... **NITRIC OXIDE**
 RT NITROSYLS

NITRIDES

GS NITROGEN COMPOUNDS
 ... **NITRIDES**
 ... BORON NITRIDES
 ... METAL NITRIDES
 ... ALUMINUM NITRIDES
 ... BERYLLIUM NITRIDES
 ... GALLIUM NITRIDES
 ... TANTALUM NITRIDES
 ... TITANIUM NITRIDES
 ... ZIRCONIUM NITRIDES
 ... OXYNITRIDES
 ... SILICON NITRIDES
 RT CERAMIC NUCLEAR FUELS
 MOLTEN SALTS

NITRIDING

GS CHEMICAL REACTIONS
 ... **NITRIDING**
 HARDENING (MATERIALS)
 ... **NITRIDING**
 HEAT TREATMENT
 ... **NITRIDING**

NITRILES

GS **NITRILES**
 ... ACETONITRILE
 ... ACRYLONITRILES
 ... POLYACRYLONITRILE
 ... MALONONITRILE
 ... PHOSPHONITRILES
 RT CYANO COMPOUNDS

NITRITES

GS NITROGEN COMPOUNDS
 ... **NITRITES**

NITRO COMPOUNDS

GS NITROGEN COMPOUNDS
 ... **NITRO COMPOUNDS**
 ... NITROBENZENES
 ... TRINITROTOLUENE
 ... NITROGLYCERIN
 ... NITROGUANIDINE
 ... NITROMETHANE
 ... NITROPROPANE
 ... PICRATES
 ... AMMONIUM PICRATES
 ... POLYBUTADIENE TETRANITRAMINE
 ... TETRYL
 ... TRINITRO COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS

NITROAMINES

GS AMINES
 ... **NITROAMINES**
 NITROGEN COMPOUNDS
 ... **NITROAMINES**

NITROBACTER

GS MICROORGANISMS
 ... BACTERIA
 ... **NITROBACTER**

NITROBENZENES

GS NITROGEN COMPOUNDS
 ... **NITRO COMPOUNDS**
 ... **NITROBENZENES**
 ... TRINITROTOLUENE

NITROCELLULOSE

USE CELLULOSE NITRATE

NITROFLUORAMINES

GS AMINES
 ... FLUOROAMINES
 ... **NITROFLUORAMINES**
 HALOGEN COMPOUNDS
 ... FLUORINE COMPOUNDS
 ... FLUORO COMPOUNDS
 ... FLUORINE ORGANIC COMPOUNDS
 ... FLUOROAMINES
 ... **NITROFLUORAMINES**
 NITROGEN COMPOUNDS
 ... **NITROFLUORAMINES**
 ORGANIC COMPOUNDS
 ... FLUORINE ORGANIC COMPOUNDS
 ... FLUOROAMINES
 ... **NITROFLUORAMINES**

NITROFORMATES

GS FORMATES
 ... **NITROFORMATES**
 NITROGEN COMPOUNDS

NITROFORMATES--(cont.)**NITROFORMATES****NITROFORMS**

GS ESTERS
 ... ORGANIC NITRATES
 ... **NITROFORMS**
 ... HYDRAZINE NITROFORM
 NITROGEN COMPOUNDS
 ... NITRATES
 ... ORGANIC NITRATES
 ... **NITROFORMS**
 ... HYDRAZINE NITROFORM

NITROGEN

GS CHEMICAL ELEMENTS
 ... **NITROGEN**
 ... LIQUID NITROGEN
 ... NITROGEN ISOTOPES
 ... NITROGEN 15
 ... NITROGEN 16
 ... SOLID NITROGEN
 GASES
 ... **NITROGEN**
 ... LIQUID NITROGEN
 ... NITROGEN ISOTOPES
 ... NITROGEN 15
 ... NITROGEN 16
 ... SOLID NITROGEN
 RT KJELDAHL METHOD
 NITROGEN ATOMS
 NITROGEN IONS
 NITROGEN LASERS
 NITROGENATION
 NITROLYSIS
 REACTION BONDING
 SIALON
 VEGARD-KAPLAN BANDS
 WOLF-RAYET STARS

NITROGEN ATOMS

GS ATOMS
 ... **NITROGEN ATOMS**
 RT NITROGEN

NITROGEN COMPOUNDS

GS **NITROGEN COMPOUNDS**
 ... ALKALOIDS
 ... ATROPINE
 ... BETAINES
 ... CAFFEINE
 ... COLCHICINE
 ... ERGOTAMINE
 ... HYOSCINE
 ... LYSERGINE
 ... MORPHINE
 ... NICOTINAMIDE
 ... NICOTINE
 ... PILOCARPINE
 ... RESERPINE
 ... STRYCHNINE
 ... TROPYL COMPOUNDS
 ... AMIDES
 ... ACETANILIDE
 ... ACETAZOLAMIDE
 ... CARBAMIDES
 ... CYANAMIDES
 ... FORMHYDROXAMIC ACID
 ... NICOTINAMIDE
 ... OXAMIC ACIDS
 ... POLYIMIDES
 ... BISMALEIMIDE
 ... SUCCINIMIDES
 ... UREAS
 ... DIFLUOROUREA
 ... THIOUREAS
 ... THIURONIUM
 ... AMMONIA
 ... LIQUID AMMONIA
 ... AZIDES (INORGANIC)
 ... HYDROGEN AZIDES
 ... SODIUM AZIDES
 ... AZIDES (ORGANIC)
 ... SODIUM AZIDES
 ... TRIAMINO GUANIDINIUM AZIDE
 ... AZO COMPOUNDS
 ... HMX
 ... RDX
 ... CYANO COMPOUNDS
 ... CYANAMIDES
 ... CYANOACETYLENE
 ... ISOCYANATES
 ... DIISOCYANATES
 ... FULMINATES
 ... FOLIC ACID

NITROGEN COMPOUNDS--(cont.)

. HYDRAZINIUM COMPOUNDS
 . HYDRAZOIC ACID
 . HYDRAZONES
 . HYDROCYANIC ACID
 . IMIDES
 . BISMALIMIDE
 . SUCCINIMIDES
 . IMINES
 . NITRATE ESTERS
 . ISOPROPYL NITRATE
 . PROPYL NITRATE
 . NITRATES
 . DINITRATES
 . INORGANIC NITRATES
 . AMMONIUM NITRATES
 . HYDRAZINE NITRATE
 . POTASSIUM NITRATES
 . SILVER NITRATES
 . SODIUM NITRATES
 . METHYL NITRATE
 . ORGANIC NITRATES
 . CELLULOSE NITRATE
 . NITROFORMS
 . HYDRAZINE NITROFORM
 . NITROGLYCERIN
 . PETN
 . NITRIC ACID
 . NITRIDES
 . BORON NITRIDES
 . METAL NITRIDES
 . ALUMINUM NITRIDES
 . BERYLLIUM NITRIDES
 . GALLIUM NITRIDES
 . TANTALUM NITRIDES
 . TITANIUM NITRIDES
 . ZIRCONIUM NITRIDES
 . OXYNITRIDES
 . SILICON NITRIDES
 . NITRITES
 . NITRO COMPOUNDS
 . NITROBENZENES
 . TRINITROTOLUENE
 . NITROGLYCERIN
 . NITROGUANIDINE
 . NITROMETHANE
 . NITROPROPANE
 . PICRATES
 . AMMONIUM PICRATES
 . POLYBUTADIENE TETRANITRAMINE
 . TETRYL
 . TRINITRO COMPOUNDS
 . NITROAMINES
 . NITROFLUORAMINES
 . NITROFORMATES
 . NITROGEN FLUORIDES
 . NITROGEN HYDRIDES
 . AMINO RADICAL
 . NITROGEN OXIDES
 . NITRIC OXIDE
 . NITROGEN DIOXIDE
 . NITROGEN TETROXIDE
 . NITROUS OXIDES
 . NITROGEN POLYMERS
 . NITROSAMINE
 . NITROSO COMPOUNDS
 . NITROSYLS
 . NITROXYCHLORIDES
 . NITRYL CHLORIDES
 . NITRYL FLUORIDES
 . PHOSPHONITRILES
 . QUINOLINE
 . THIAZINE (TRADEMARK)
 . THYMINE
 . TRINITRAMINE
 . TRYPTOPHAN
 . URACIL
 . XANTHINES
 . CAFFEINE
 . GUANINES
 . URIC ACID
 RT ∞ CHEMICAL COMPOUNDS
 CYANIDES
 ∞ GROUP 5A COMPOUNDS
 PHOSPHAZENE

NITROGEN DIOXIDE

GS CHALCOGENIDES
 . OXIDES
 . NITROGEN OXIDES
 . . . **NITROGEN DIOXIDE**
 NITROGEN COMPOUNDS
 . NITROGEN OXIDES
 . . . **NITROGEN DIOXIDE**

NITROGEN FIXATION

USE NITROGENATION

NITROGEN FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . . . **NITROGEN FLUORIDES**
 . HALIDES
 . FLUORIDES
 . . . **NITROGEN FLUORIDES**
 NITROGEN COMPOUNDS
 . **NITROGEN FLUORIDES**

NITROGEN HYDRIDES

GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . . . **NITROGEN HYDRIDES**
 . . . AMINO RADICAL
 NITROGEN COMPOUNDS
 . **NITROGEN HYDRIDES**
 . . . AMINO RADICAL
 RT AMMONIA
 HYDRAZOIC ACID

NITROGEN IONS

GS IONS
 . **NITROGEN IONS**
 RT NEGATIVE IONS
 NITROGEN

NITROGEN ISOTOPES

GS CHEMICAL ELEMENTS
 . NITROGEN
 . . . **NITROGEN ISOTOPES**
 . . . NITROGEN 15
 . . . NITROGEN 16
 . NUCLIDES
 . ISOTOPES
 . . . **NITROGEN ISOTOPES**
 . . . NITROGEN 15
 . . . NITROGEN 16
 GASES
 . NITROGEN
 . . . **NITROGEN ISOTOPES**
 . . . NITROGEN 15
 . . . NITROGEN 16

NITROGEN LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . . GAS LASERS
 . . . **NITROGEN LASERS**
 RT LASING
 NITROGEN
 POPULATION INVERSION
 PULSED LASERS
 ULTRAVIOLET LASERS

NITROGEN METABOLISM

GS METABOLISM
 . **NITROGEN METABOLISM**
 RT BIOCHEMISTRY
 ∞ BIOLOGY
 ENZYMOLOGY
 HYDROGEN METABOLISM
 NUTRITION

NITROGEN OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . . **NITROGEN OXIDES**
 . . . NITRIC OXIDE
 . . . NITROGEN DIOXIDE
 . . . NITROGEN TETROXIDE
 . . . NITROUS OXIDES
 NITROGEN COMPOUNDS
 . **NITROGEN OXIDES**
 . . . NITRIC OXIDE
 . . . NITROGEN DIOXIDE
 . . . NITROGEN TETROXIDE
 . . . NITROUS OXIDES
 RT NITROSYLS
 NITROUS ACID
 PHOTOCHEMICAL OXIDANTS

NITROGEN PLASMA

GS PARTICLES
 . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **NITROGEN PLASMA**

NITROGEN POLYMERS

GS NITROGEN COMPOUNDS
 . **NITROGEN POLYMERS**
 RT ∞ POLYMERS

NITROGEN TETROXIDE

GS CHALCOGENIDES
 . OXIDES
 . . . NITROGEN OXIDES
 . . . **NITROGEN TETROXIDE**
 NITROGEN COMPOUNDS
 . NITROGEN OXIDES
 . . . **NITROGEN TETROXIDE**
 RT LIQUID ROCKET PROPELLANTS
 ROCKET OXIDIZERS

NITROGEN 15

GS CHEMICAL ELEMENTS
 . NITROGEN
 . . . NITROGEN ISOTOPES
 . . . **NITROGEN 15**
 . NUCLIDES
 . ISOTOPES
 . . . NITROGEN ISOTOPES
 . . . **NITROGEN 15**
 GASES
 . NITROGEN
 . . . NITROGEN ISOTOPES
 . . . **NITROGEN 15**

NITROGEN 16

GS CHEMICAL ELEMENTS
 . NITROGEN
 . . . NITROGEN ISOTOPES
 . . . **NITROGEN 16**
 . NUCLIDES
 . ISOTOPES
 . . . NITROGEN ISOTOPES
 . . . **NITROGEN 16**
 . . . RADIOACTIVE ISOTOPES
 . . . **NITROGEN 16**
 GASES
 . NITROGEN
 . . . NITROGEN ISOTOPES
 . . . **NITROGEN 16**

NITROGENATION

UF NITROGEN FIXATION
 GS CHEMICAL REACTIONS
 . **NITROGENATION**
 RT LEGUMINOUS PLANTS
 LIGHTNING
 NITROGEN

NITROGLYCERIN

GS ESTERS
 . ORGANIC NITRATES
 . . . **NITROGLYCERIN**
 NITROGEN COMPOUNDS
 . NITRATES
 . . . ORGANIC NITRATES
 . . . **NITROGLYCERIN**
 . NITRO COMPOUNDS
 . . . **NITROGLYCERIN**
 RT DOUBLE BASE PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 DYNAMITE
 EXPLOSIVES
 GLYCERIDES
 GLYCEROLS

NITROGUANIDINE

UF HBNQ
 GS NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . . **NITROGUANIDINE**
 RT EXPLOSIVES
 SOLID PROPELLANTS

NITROLYSIS

GS CHEMICAL REACTIONS
 . **NITROLYSIS**
 . DECOMPOSITION
 . **NITROLYSIS**
 RT CRACKING (CHEMICAL ENGINEERING)
 NITROGEN

NITROMETHANE

GS NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . . **NITROMETHANE**
 RT BSX
 EXPLOSIVES

NITRONIUM COMPOUNDS

GS NITRONIUM COMPOUNDS
 . NITRONIUM PERCHLORATE
 RT ∞CHEMICAL COMPOUNDS

NITRONIUM PERCHLORATE

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . PERCHLORATES
 . . . NITRONIUM PERCHLORATE
 NITRONIUM COMPOUNDS
 . NITRONIUM PERCHLORATE
 RT ROCKET OXIDIZERS

NITROPROPANE

GS NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . . NITROPROPANE
 ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 NITROPROPANE
 RT PROPANE

NITROSAMINE

GS AMINES
 . NITROSAMINE
 NITROGEN COMPOUNDS
 . NITROSAMINE

NITROSO COMPOUNDS

GS NITROGEN COMPOUNDS
 . NITROSO COMPOUNDS
 . . NITROSYLS
 RT ∞CHEMICAL COMPOUNDS
 ORGANIC COMPOUNDS

NITROSYL CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . NITROSYL CHLORIDES
 . HALIDES
 . . CHLORIDES
 . . . NITROSYL CHLORIDES
 . NITROSYLS
 . . NITROSYL CHLORIDES

NITROSYLS

GS HALOGEN COMPOUNDS
 . NITROSYLS
 . . NITROSYL CHLORIDES
 NITROGEN COMPOUNDS
 . NITROSO COMPOUNDS
 . . NITROSYLS
 RT AMINES
 ESTERS
 HALIDES
 NITRIC OXIDE
 NITROGEN OXIDES

NITROUS ACID

RT AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 NITRIC ACID
 NITROGEN OXIDES
 REACTION KINETICS

NITROUS OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . NITROGEN OXIDES
 . . . NITROUS OXIDES
 NITROGEN COMPOUNDS
 . NITROGEN OXIDES
 . . NITROUS OXIDES

NITROXYCHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . NITROXYCHLORIDES
 . HALIDES
 . . CHLORIDES
 . . . NITROXYCHLORIDES
 NITROGEN COMPOUNDS
 . NITROXYCHLORIDES

NITRYL CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . NITRYL CHLORIDES

NITRYL CHLORIDES--(cont.)

. HALIDES
 . . CHLORIDES
 . . . NITRYL CHLORIDES
 NITROGEN COMPOUNDS
 . NITRYL CHLORIDES

NITRYL FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . NITRYL FLUORIDES
 NITROGEN COMPOUNDS
 . NITRYL FLUORIDES

NMR

USE NUCLEAR MAGNETIC RESONANCE

NOAA E

USE NOAA 8 SATELLITE

NOAA F SATELLITE

USE NOAA 9 SATELLITE

NOAA G SATELLITE

USE NOAA 10 SATELLITE

NOAA SATELLITES

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 2 SATELLITE
 . . . NOAA 3 SATELLITE
 . . . NOAA 4 SATELLITE
 . . . NOAA 5 SATELLITE
 . . . NOAA 6 SATELLITE
 . . . NOAA 7 SATELLITE
 . . . NOAA 8 SATELLITE
 . . . NOAA 9 SATELLITE
 . . . NOAA 10 SATELLITE
 RT SMS 1
 SMS 2

NOAA 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 2 SATELLITE

NOAA 3 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 3 SATELLITE

NOAA 4 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 4 SATELLITE

NOAA 5 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 5 SATELLITE

NOAA 6 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 6 SATELLITE
 RT ADVANCED VERY HIGH RESOLUTION
 RADIOMETER

NOAA 7 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 7 SATELLITE
 RT ADVANCED VERY HIGH RESOLUTION
 RADIOMETER
 TIROS N SERIES SATELLITES

NOAA 8 SATELLITE

UF NOAA E
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 8 SATELLITE
 RT ADVANCED VERY HIGH RESOLUTION
 RADIOMETER
 SARSAT

NOAA 9 SATELLITE

UF NOAA F SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 9 SATELLITE

NOAA 10 SATELLITE

UF NOAA G SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . NOAA SATELLITES
 . . . NOAA 10 SATELLITE

NOBELIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . NOBELIUM
 . . . NUCLIDES
 . . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 TRANSURANIUM ELEMENTS
 NOBELIUM
 METALS
 . ACTINIDE SERIES
 . . TRANSURANIUM ELEMENTS
 . . . NOBELIUM
 RT NOBELIUM ISOTOPES

NOBELIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . NOBELIUM ISOTOPES
 RT NOBELIUM

NOBLE GASES

USE RARE GASES

NOBLE METALS

UF PRECIOUS METALS
 GS METALS
 . NOBLE METALS
 . . GOLD
 . . . GOLD ISOTOPES
 GOLD 198
 . . . RUTHENIUM
 . . . RUTHENIUM ISOTOPES
 . . . SILVER
 . . . SILVER ISOTOPES
 RT ∞GROUP 1B COMPOUNDS

NOCTILUCENCE

USE LUMINESCENCE

NOCTILUCENT CLOUDS

GS CLOUDS (METEOROLOGY)
 . NOCTILUCENT CLOUDS
 RT LUMINESCENCE

NOCTURNAL VARIATIONS

GS VARIATIONS
 . MAGNETIC VARIATIONS
 . . NOCTURNAL VARIATIONS
 . . . PERIODIC VARIATIONS
 . . . NOCTURNAL VARIATIONS
 RT DIURNAL VARIATIONS
 GEOMAGNETIC MICROPULSATIONS
 GEOMAGNETIC PULSATIONS

NODES (STANDING WAVES)

RT ANTINODES
 HARMONICS
 RESONANT FREQUENCIES
 STANDING WAVES
 VIBRATION
 WAVELENGTHS
 ∞WAVES

NODULES

RT LEGUMINOUS PLANTS
 PARTICLES
 SPHERES
 SPHERULITES

NOE NAVIGATION

USE NAP-OF-THE-EARTH NAVIGATION

NOESS

SN (NATIONAL OPERATIONAL
 ENVIRONMENTAL SATELLITE SYSTEM)
 UF NATIONAL OPERATIONAL
 ENVIRONMENTAL SAT SYS

NOESS--(cont.)

RT METEOROLOGICAL SATELLITES
 METEOROLOGY
 NASA PROGRAMS
 OBSERVATION
 ∞ SYSTEMS

∞ NOISE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT BACKGROUND NOISE
 CONTINUOUS NOISE
 EFFECTIVE PERCEIVED NOISE LEVELS
 ELECTROMAGNETIC NOISE
 HUM
 INFORMATION THEORY
 NOISE (SOUND)
 NOISE PROPAGATION
 NOISE SPECTRA
 RANDOM NOISE
 SIGNAL TO NOISE RATIOS
 SPATIAL FILTERING
 WHITE NOISE

NOISE (SOUND)

UF NOISE HAZARDS
 GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . AERODYNAMIC NOISE
 BLADE SLAP NOISE
 PROPELLER NOISE
 AIRCRAFT NOISE
 BLADE SLAP NOISE
 JET AIRCRAFT NOISE
 PROPELLER NOISE
 SONIC BOOMS
 ENGINE NOISE
 ROCKET ENGINE NOISE
 . . . THERMAL NOISE

RT ACOUSTICS
 AEOLIAN TONES
 AIRCRAFT HAZARDS
 AMBIENCE
 AUDITORY STIMULI
 AUDITORY TASKS
 BACKGROUND NOISE
 ECHOES
 EFFECTIVE PERCEIVED NOISE LEVELS
 FLIGHT HAZARDS
 HUMAN FACTORS ENGINEERING
 HYPERSONIC SHOCK
 JET BLAST EFFECTS
 LOUDNESS
 MUFFLERS
 NOISE INJURIES
 OPERATIONAL HAZARDS
 RANDOM NOISE
 RANDOM VIBRATION
 REVERBERATION
 SHOCK WAVES
 SOUND PRESSURE
 UNDERWATER ACOUSTICS
 WHITE NOISE

NOISE ATTENUATION

USE NOISE REDUCTION

NOISE ELIMINATION

USE NOISE REDUCTION

NOISE GENERATORS

RT ELECTROMAGNETIC NOISE
 ∞ GENERATORS
 RADIO FREQUENCY INTERFERENCE
 RANDOM NOISE
 SOUND GENERATORS
 SOUND PROPAGATION

NOISE HAZARDS

USE HAZARDS
 NOISE (SOUND)

NOISE INJURIES

GS INJURIES
 . NOISE INJURIES
 RT EAR PROTECTORS

NOISE INTENSITY

RT AIRCRAFT NOISE
 AUDITORY STIMULI
 EFFECTIVE PERCEIVED NOISE LEVELS
 ELECTROMAGNETIC NOISE
 ∞ INTENSITY

NOISE INTENSITY--(cont.)

PROPELLER NOISE
 PSYCHOACOUSTICS
 SIRENS
 SOUND INTENSITY

NOISE MEASUREMENT

GS ACOUSTIC MEASUREMENT
 . NOISE MEASUREMENT
 RT AERODYNAMIC NOISE
 AIRCRAFT NOISE
 BACKGROUND NOISE
 JET AIRCRAFT NOISE
 LOUDNESS
 ∞ MEASUREMENT
 NOISE (SOUND)
 PROPELLER NOISE
 SOUND INTENSITY

NOISE METERS

SN (LIMITED TO ACOUSTIC NOISE)
 GS MEASURING INSTRUMENTS
 . NOISE METERS
 RT ACOUSTIC MEASUREMENT
 FIELD INTENSITY METERS
 PRESSURE MEASUREMENT

NOISE POLLUTION

GS POLLUTION
 . NOISE POLLUTION
 RT ACOUSTICS
 AUDIO FREQUENCIES
 ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL QUALITY
 HUMAN REACTIONS
 HUMAN TOLERANCES
 PHYSIOLOGICAL EFFECTS
 PHYSIOLOGICAL FACTORS
 SOUND WAVES

NOISE PREDICTION

GS PREDICTIONS
 . NOISE PREDICTION

NOISE PREDICTION (AIRCRAFT)

UF AIRCRAFT NOISE PREDICTION
 GS PREDICTIONS
 . NOISE PREDICTION (AIRCRAFT)
 RT AEROACOUSTICS
 ∞ AIRCRAFT
 AIRCRAFT NOISE
 ESTIMATES
 FORECASTING
 PROPELLER NOISE
 SOUND WAVES

NOISE PROPAGATION

RT ACOUSTICS
 COHERENCE COEFFICIENT
 CONTINUOUS NOISE
 FAR FIELDS
 NOISE SPECTRA
 SIGNAL TO NOISE RATIOS
 SOUND PROPAGATION

NOISE REDUCTION

UF NOISE ATTENUATION
 NOISE ELIMINATION
 NOISE SUPPRESSORS
 RT ACOUSTIC ATTENUATION
 ACOUSTIC DUCTS
 ACOUSTIC RETROFITTING
 ACOUSTICS
 AERODYNAMIC NOISE
 AIRCRAFT NOISE
 COAXIAL NOZZLES
 DELAYED FLAP APPROACH
 EAR PROTECTORS
 ECHO SUPPRESSORS
 EFFECTIVE PERCEIVED NOISE LEVELS
 ELECTRICAL GROUNDING
 ELECTROMAGNETIC INTERFERENCE
 ELECTROMAGNETIC NOISE
 FLIGHT RULES
 GRAZING FLOW
 HELMHOLTZ RESONATORS
 INTERFERENCE IMMUNITY
 ISOLATORS
 JET AIRCRAFT NOISE
 LOUDNESS
 MUFFLERS
 PROPELLER NOISE
 QUIET ENGINE PROGRAM
 ∞ REDUCTION

NOISE REDUCTION--(cont.)

SHOCK WAVE ATTENUATION
 SILENCE
 SQUELCH CIRCUITS
 SUPPRESSORS
 SYNCHROPHASING
 VIBRATION ISOLATORS

NOISE SPECTRA

GS SPECTRA
 . NOISE SPECTRA
 RT ACOUSTIC FREQUENCIES
 BACKGROUND NOISE
 CHANNEL NOISE
 ELECTROMAGNETIC COMPATIBILITY
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC SPECTRA
 NOISE (SOUND)
 RADIATION SPECTRA
 RANDOM NOISE
 RANDOM SIGNALS
 SHOCK SPECTRA
 SIGNAL TO NOISE RATIOS
 WHITE NOISE

NOISE STORMS

GS STORMS
 . NOISE STORMS
 RT COSMIC NOISE
 ELECTROMAGNETIC NOISE
 IONOSPHERIC STORMS
 MAGNETIC STORMS
 RADIO FREQUENCY INTERFERENCE
 SOLAR STORMS

NOISE SUPPRESSORS

USE NOISE REDUCTION

NOISE TEMPERATURE

GS TEMPERATURE
 . NOISE TEMPERATURE
 RT ELECTROMAGNETIC NOISE
 ELECTRON ENERGY
 ELECTRON STATES
 TEMPERATURE MEASUREMENT
 THERMAL NOISE

NOISE THRESHOLD

RT AUDITORY FATIGUE
 AUDITORY PERCEPTION
 BACKGROUND NOISE
 SIGNAL TO NOISE RATIOS
 ∞ THRESHOLDS

NOISE TOLERANCE

RT HAZARDS
 HUMAN TOLERANCES
 TOLERANCES (PHYSIOLOGY)

NOMAD LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . NOMAD LAUNCH VEHICLE
 ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . . NOMAD LAUNCH VEHICLE
 RT ATLAS LAUNCH VEHICLES
 LIQUID PROPELLANT ROCKET ENGINES

NOMENCLATURES

RT DEFINITION
 DESCRIPTIONS
 DICTIONARIES
 MNEMONICS
 SEMANTICS
 SYMBOLS
 TERMINOLOGY
 THESAURI

NOMINAL VALUES

USE APPROXIMATION

NOMOGRAMS

USE NOMOGRAPHS

NOMOGRAPHS

UF ISOPLETHS
 NOMOGRAMS
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . NOMOGRAPHS
 RT CHARTS
 GRAPHS (CHARTS)

NON-INTRUSIVE MEASUREMENT

USE NONINTRUSIVE MEASUREMENT

NONADIABATIC CONDITIONS

GS CONDITIONS
 . **NONADIABATIC CONDITIONS**
 RT ENERGY TRANSFER
 HEAT TRANSFER
 NONISOTHERMAL PROCESSES
 THERMODYNAMICS

NONADIABATIC PROCESSES

USE HEAT TRANSFER

NONADIABATIC THEORY

RT ADIABATIC EQUATIONS
 CHARGED PARTICLES
 ENERGY DISSIPATION
 IONIZATION CROSS SECTIONS
 MAGNETIC DISTURBANCES
 ∞ THEORIES
 WAVE PROPAGATION

NONANES

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 **NONANES**

NONAQUEOUS ELECTROLYTES

GS CONDUCTORS
 . ELECTROLYTES
 . . **NONAQUEOUS ELECTROLYTES**
 RT ELECTRIC BATTERIES
 ∞ ELECTRIC CELLS
 ELECTROCHEMISTRY
 ELECTROLYTIC CELLS
 PRIMARY BATTERIES
 STORAGE BATTERIES
 WET CELLS

NONCONDENSABLE GASES

GS GASES
 . **NONCONDENSABLE GASES**
 RT CRITICAL TEMPERATURE
 GAS-LIQUID INTERACTIONS
 LIQUEFACTION

NONCONDUCTORS

USE ELECTRICAL INSULATION

NONCONSERVATIVE FORCES

RT CONSERVATION
 CONSERVATION EQUATIONS
 CONSERVATION LAWS
 CONTINUITY EQUATION
 ∞ FORCE

NONDESTRUCTIVE TESTS

UF FLAW DETECTION
 GS **NONDESTRUCTIVE TESTS**
 . NEUTRON RADIOGRAPHY
 RT ACOUSTIC EMISSION
 ACOUSTIC IMAGING
 ADHESION TESTS
 CHEMICAL TESTS
 DESTRUCTIVE TESTS
 ELECTRONIC EQUIPMENT TESTS
 ENGINE TESTS
 HARDNESS TESTS
 HIGH TEMPERATURE TESTS
 INFRARED INSPECTION
 INSPECTION
 LOAD TESTS
 LOW TEMPERATURE TESTS
 ∞ MATERIALS TESTS
 NONINTRUSIVE MEASUREMENT
 PHOTOACOUSTIC MICROSCOPY
 QUALITY CONTROL
 RADIOGRAPHY
 RELIABILITY
 SH WAVES
 STATIC TESTS
 ∞ TESTS
 THERMOGRAPHY
 TOLERANCES (MECHANICS)
 ULTRASONIC FLAW DETECTION
 ULTRASONIC SPECTROSCOPY
 ULTRASONIC TESTS
 X RAY INSPECTION

NONELECTROLYTES

RT ELECTROLYTES

NONEQUILIBRIUM CONDITIONS

GS CONDITIONS
 . **NONEQUILIBRIUM CONDITIONS**
 RT ∞ EQUILIBRIUM
 UNSTEADY STATE

NONEQUILIBRIUM DRAG

USE FRICTION DRAG

NONEQUILIBRIUM FLOW

GS FLUID FLOW
 . GAS FLOW
 . . **NONEQUILIBRIUM FLOW**
 RT EQUILIBRIUM FLOW
 ∞ FLUIDS
 HEAT TRANSMISSION
 OSCILLATING FLOW
 QUASI-STEADY STATES
 UNSTEADY FLOW

NONEQUILIBRIUM IONIZATION

GS IONIZATION
 . **NONEQUILIBRIUM IONIZATION**

NONEQUILIBRIUM PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 **NONEQUILIBRIUM PLASMAS**
 RT MAGNETOHYDRODYNAMIC STABILITY
 NONUNIFORM PLASMAS
 PLASMA COMPOSITION
 PLASMA POTENTIALS
 PLASMA RADIATION
 PLASMA SHEATHS
 ROTATING PLASMAS

NONEQUILIBRIUM RADIATION

GS ELECTROMAGNETIC RADIATION
 . **NONEQUILIBRIUM RADIATION**
 RT NONTHERMAL RADIATION
 SHOCK WAVE PROPAGATION

NONEQUILIBRIUM THERMODYNAMICS

GS THERMODYNAMICS
 . **NONEQUILIBRIUM THERMODYNAMICS**
 RT IRREVERSIBLE PROCESSES

NONEUCLIDIAN GEOMETRY

USE DIFFERENTIAL GEOMETRY

NONFERROUS METALS

GS METALS
 . **NONFERROUS METALS**
 RT CHEMICAL ELEMENTS
 CONDUCTORS
 ∞ METALLURGY

NONFLAMMABLE MATERIALS

RT ASBESTOS
 FIREPROOFING
 ∞ INORGANIC MATERIALS
 KEVLAR (TRADEMARK)
 ∞ MATERIALS
 OXIDES
 REFRACTORY MATERIALS

NONGRAY ATMOSPHERES

RT ∞ ATMOSPHERES
 BLACK BODY RADIATION
 EMISSIVITY
 GRAY GAS
 PLANETARY ATMOSPHERES

NONGRAY GAS

GS GASES
 . **NONGRAY GAS**
 RT ∞ ATMOSPHERES
 BLACK BODY RADIATION
 EMISSIVITY
 HEAT TRANSFER
 SPECTRAL EMISSION
 THERMAL RADIATION
 THERMODYNAMICS

NONHOLONOMIC EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . **NONHOLONOMIC EQUATIONS**
 RT ANALYTIC FUNCTIONS
 ∞ EQUATIONS

NONHOMOGENEITY

USE INHOMOGENEITY

NONINTRUSIVE MEASUREMENT

UF NON-INTRUSIVE MEASUREMENT
 RT FLOW MEASUREMENT
 LASER DOPPLER VELOCIMETERS
 ∞ MEASUREMENT
 NONDESTRUCTIVE TESTS
 OPTICAL MEASUREMENT
 TEMPERATURE MEASUREMENT

NONISENTROPICITY

GS ISENTROPIC PROCESSES
 . **NONISENTROPICITY**
 RT ENTROPY
 ∞ PROCESSES

NONISOTHERMAL PROCESSES

RT ENERGY TRANSFER
 HEAT TRANSFER
 NONADIABATIC CONDITIONS
 PRESSURE EFFECTS
 ∞ PROCESSES
 TEMPERATURE GRADIENTS
 THERMODYNAMICS

NONISOTROPIC PLATES

USE ANISOTROPIC PLATES

NONISOTROPY

USE ANISOTROPY

NONLIFTING VEHICLES

USE BALLISTIC VEHICLES

NONLINEAR EQUATIONS

GS ALGEBRA
 . **NONLINEAR EQUATIONS**
 . . CUBIC EQUATIONS
 . . DUFFING DIFFERENTIAL EQUATION
 . . MONGE-AMPERE EQUATION
 . . NONLINEAR EVOLUTION EQUATIONS
 . . QUADRATIC EQUATIONS
 . . QUARTIC EQUATIONS
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **NONLINEAR EQUATIONS**
 . . . CUBIC EQUATIONS
 . . . DUFFING DIFFERENTIAL EQUATION
 . . . MONGE-AMPERE EQUATION
 . . . NONLINEAR EVOLUTION EQUATIONS
 . . . QUADRATIC EQUATIONS
 . . . QUARTIC EQUATIONS
 RT BORN-INFELD THEORY
 ∞ DIFFERENTIAL EQUATIONS
 ∞ EQUATIONS
 FIELD THEORY (ALGEBRA)
 INTEGRAL EQUATIONS
 POLYNOMIALS
 ROOTS OF EQUATIONS

NONLINEAR EVOLUTION EQUATIONS

GS ALGEBRA
 . **NONLINEAR EQUATIONS**
 . . **NONLINEAR EVOLUTION EQUATIONS**
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . NONLINEAR EQUATIONS
 . . . **NONLINEAR EVOLUTION EQUATIONS**
 RT DIFFERENCE EQUATIONS
 ∞ EQUATIONS

NONLINEAR FEEDBACK

GS FEEDBACK
 . **NONLINEAR FEEDBACK**
 RT FEEDBACK AMPLIFIERS
 FEEDBACK CONTROL
 NEGATIVE FEEDBACK
 POSITIVE FEEDBACK
 SENSORY FEEDBACK
 TRANSFER FUNCTIONS

NONLINEAR FILTERS

RT ELECTRIC FILTERS
 ELECTROMAGNETIC WAVE FILTERS
 ∞ FILTERS
 LINEAR FILTERS

NONLINEAR OPTICS

RT BIREFRINGENCE
 ELECTRO-OPTICAL EFFECT

NONLINEAR OPTICS--(cont.)

ELECTROMAGNETIC RADIATION
FOUR-WAVE MIXING
GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
OPTICAL BISTABILITY
∞ OPTICS
QUANTUM OPTICS
RAMAN SPECTRA
SAGNAC EFFECT

NONLINEAR PROGRAMMING

GS OPTIMIZATION
 . MATHEMATICAL PROGRAMMING
 . **NONLINEAR PROGRAMMING**
 RESEARCH
 . **NONLINEAR PROGRAMMING**
RT ∞ APPLICATIONS OF MATHEMATICS
 CONSTRAINTS
 FORMALISM
 LINEAR PROGRAMMING
 OPERATIONS RESEARCH
 ∞ PROGRAMMING

NONLINEAR SYSTEMS

SN (DYNAMIC SYSTEMS HAVING
 NONLINEAR RESPONSES)
RT CHAOS
 CONTROL EQUIPMENT
 DISTRIBUTED PARAMETER SYSTEMS
 DYNAMIC PROGRAMMING
 DYNAMICAL SYSTEMS
 LINEAR SYSTEMS
 STRANGE ATTRACTORS
 ∞ SYSTEMS
 TRACKING PROBLEM

NONLINEARITY

UF QUASILINEARITY
RT DIFFERENTIAL EQUATIONS
 FUNCTIONS (MATHEMATICS)
 LINEARITY
 MAGNETIC AMPLIFIERS
 VARIABILITY
 VOLTERRA EQUATIONS

NONNEWTONIAN FLOW

GS FLUID FLOW
 . **NONNEWTONIAN FLOW**
RT LIQUID FLOW
 STEADY FLOW
 THIXOTROPY
 UNSTEADY FLOW
 VISCOELASTICITY
 VISCOPLASTICITY

NONNEWTONIAN FLUIDS

RT COLLOIDS
 ∞ FLUIDS
 GELATINS
 GELS
 NEWTON
 NEWTON THEORY
 NEWTONIAN FLUIDS
 RHEOLOGY
 VISCOELASTICITY
 VISCOPLASTICITY
 VISCOUS FLUIDS

NONOHMIC EFFECT

RT BARRIER LAYERS
 CONTACT RESISTANCE
 ∞ EFFECTS
 SPACE CHARGE

NONOSCILLATORY ACTION

GS OSCILLATIONS
 . **NONOSCILLATORY ACTION**
RT OSCILLATION DAMPERS
 OSCILLATORS
 VIBRATION DAMPING

NONPARAMETRIC STATISTICS

GS STATISTICAL ANALYSIS
 . **NONPARAMETRIC STATISTICS**
RT ∞ STATISTICS

NONPOINT SOURCES

RT CONTAMINANTS
 CONTAMINATION
 DIFFUSION
 ENVIRONMENTS
 GASES
 LIQUIDS

NONPOINT SOURCES--(cont.)

PARTICLES
∞ POINTS
POISONS
POLLUTION
PUBLIC HEALTH
RADIOACTIVE WASTES
∞ SOURCES
TOXICOLOGY
WASTES

NONPOLAR GASES

GS GASES
 . **NONPOLAR GASES**
RT MOLECULAR GASES
 RARE GASES

NONREFLECTION

USE ENERGY ABSORPTION

NONRELATIVISTIC ELECTRONS

USE ELECTRONS

NONRELATIVISTIC MECHANICS

RT NEWTON THEORY
 RELATIVITY

NONRESONANCE

RT MICROWAVE RESONANCE
 TRANSMISSION LINES
 TRAVELING WAVES

NONRIGIDITY

USE FLEXIBILITY

NONSTABILIZED OSCILLATION

GS OSCILLATIONS
 . **NONSTABILIZED OSCILLATION**
RT OSCILLATION DAMPERS
 OSCILLATORS
 PILOT INDUCED OSCILLATION
 STABLE OSCILLATIONS
 VIBRATION DAMPING

NONSYNCHRONIZATION

RT DEVIATION
 INCOHERENCE
 ∞ INTERFERENCE
 NONUNIFORMITY

NONTHERMAL EMISSION

USE NONTHERMAL RADIATION

NONTHERMAL RADIATION

UF NONTHERMAL EMISSION
GS ELECTROMAGNETIC RADIATION
 . **NONTHERMAL RADIATION**
 . . . CYCLOTRON RADIATION
 . . . ION CYCLOTRON RADIATION
 . . . SYNCHROTRON RADIATION
RT GALACTIC RADIATION
 MAGNETIC FIELDS
 NONEQUILIBRIUM RADIATION
 ∞ RADIATION
 RADIO WAVES
 THERMAL RADIATION

NONUNIFORM FLOW

GS FLUID FLOW
 . **NONUNIFORM FLOW**
RT FLOW CHARACTERISTICS
 GAS FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

NONUNIFORM MAGNETIC FIELDS

GS MAGNETIC FIELDS
 . **NONUNIFORM MAGNETIC FIELDS**
RT DIFFRACTION RADIATION
 LINES OF FORCE
 MAGNETIC ANOMALIES
 MAGNETIC MIRRORS

NONUNIFORM PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **NONUNIFORM PLASMAS**
RT KELVIN-HELMHOLTZ INSTABILITY
 LOW DENSITY RESEARCH
 MAGNETOHYDRODYNAMIC STABILITY
 NONEQUILIBRIUM PLASMAS

NONUNIFORM PLASMAS--(cont.)

PLASMA COMPOSITION
PLASMA OSCILLATIONS
PLASMA WAVES
RAREFIED PLASMAS

NONUNIFORMITY

RT FLEXIBILITY
 INHOMOGENEITY
 IRREGULARITIES
 NONSYNCHRONIZATION
 OSCILLATIONS
 TURBULENCE

NONVISCIOUS FLOW

USE INVISCID FLOW

NOON

RT DAYTIME
 ZENITH

NORADRENALINE

GS DRUGS
 . STIMULANTS
 . . . **NORADRENALINE**
RT NOREPINEPHRINE

NORD AIRCRAFT

GS **NORD AIRCRAFT**
 . C-160 AIRCRAFT
 . MH-262 AIRCRAFT
 . NORD 1500 AIRCRAFT
RT ∞ AIRCRAFT

NORD 262 AIRCRAFT

USE MH-262 AIRCRAFT

NORD 1500 AIRCRAFT

UF GRIFFON AIRCRAFT
GS JET AIRCRAFT
 . **NORD 1500 AIRCRAFT**
 MONOPLANES
 . **NORD 1500 AIRCRAFT**
 NORD AIRCRAFT
 . **NORD 1500 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **NORD 1500 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **NORD 1500 AIRCRAFT**
RT ∞ AIRCRAFT

NOREPINEPHRINE

GS AMINES
 . CATECHOLAMINE
 . . . EPINEPHRINE
 . . . **NOREPINEPHRINE**
 DRUGS
 . EPINEPHRINE
 . . . **NOREPINEPHRINE**
 . STIMULANTS
 . . . **NOREPINEPHRINE**
RT NORADRENALINE

NORLEUCINE

GS ACIDS
 . AMINO ACIDS
 . . . LEUCINE
 . . . **NORLEUCINE**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . . LEUCINE
 . . . **NORLEUCINE**

NORMAL DENSITY FUNCTIONS

UF GAUSSIAN DISTRIBUTIONS
 NORMAL DISTRIBUTIONS
GS FUNCTIONS (MATHEMATICS)
 . PROBABILITY DENSITY FUNCTIONS
 . . . **NORMAL DENSITY FUNCTIONS**
 STATISTICAL ANALYSIS
 . PROBABILITY DENSITY FUNCTIONS
 . . . **NORMAL DENSITY FUNCTIONS**
RT CONTINUITY (MATHEMATICS)
 DISCRETE FUNCTIONS
 HISTOGRAMS

NORMAL DISTRIBUTIONS

USE NORMAL DENSITY FUNCTIONS

NORMAL FORCE DISTRIBUTION

USE FORCE DISTRIBUTION

NORMAL SHOCK WAVES

GS ELASTIC WAVES

NORMAL SHOCK WAVES--(cont.)

GS SHOCK WAVES
 . . . **NORMAL SHOCK WAVES**
 RT LONGITUDINAL WAVES
 MAGNETOHYDRODYNAMIC WAVES
 OBLIQUE SHOCK WAVES
 PLANE WAVES
 SHOCK LAYERS

NORMALITY

RT ASYMPTOTIC PROPERTIES
 AVERAGE
 MEAN
 MEDIAN (STATISTICS)
 NORMS
 STATISTICAL TESTS

NORMALIZING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NORMALIZING (HEAT TREATMENT)
 NORMALIZING (STATISTICS)
 REGULARITY

NORMALIZING (HEAT TREATMENT)

GS HEAT TREATMENT
 . **NORMALIZING (HEAT TREATMENT)**
 RT ANNEALING
 HARDENING (MATERIALS)
 LASER ANNEALING
 ∞ NORMALIZING
 TEMPERING

NORMALIZING (STATISTICS)

RT EVALUATION
 ∞ NORMALIZING
 QUALITY CONTROL
 RATINGS
 RENORMALIZATION GROUP METHODS

NORMS

GS NAMING
 . **NORMS**
 RT AVERAGE
 ETHICS
 MEDIAN (STATISTICS)
 NORMALITY
 PSYCHOMETRICS
 VALUE

NORTH AMERICA

GS CONTINENTS
 . **NORTH AMERICA**
 RT APPALACHIAN MOUNTAINS (NORTH
 AMERICA)
 CANADA
 CENTRAL AMERICA
 LOWER CALIFORNIA (MEXICO)
 MEXICO
 TUNDRA
 UNITED STATES
 WILLISTON BASIN (NORTH AMERICA)

NORTH AMERICAN AIRCRAFT

GS **NORTH AMERICAN AIRCRAFT**
 . A-2 AIRCRAFT
 . A-5 AIRCRAFT
 . B-1 AIRCRAFT
 . B-70 AIRCRAFT
 . F-86 AIRCRAFT
 . F-100 AIRCRAFT
 . OV-10 AIRCRAFT
 . P-51 AIRCRAFT
 . T-2 AIRCRAFT
 . T-28 AIRCRAFT
 . T-39 AIRCRAFT
 . X-15 AIRCRAFT
 RT ∞ AIRCRAFT

NORTH AMERICAN SEARCH AND RANGING

RADAR
 UF NASARR
 GS RADAR
 . SEARCH RADAR
 . . **NORTH AMERICAN SEARCH AND
 RANGING RADAR**
 RT RANGE AND RANGE RATE TRACKING

NORTH ATLANTIC TREATY ORGANIZATION

(NATO)
 GS ORGANIZATIONS
 . **NORTH ATLANTIC TREATY
 ORGANIZATION (NATO)**

NORTH ATLANTIC TREATY--(cont.)

RT INTERNATIONAL COOPERATION

NORTH CAROLINA

GS NATIONS
 . UNITED STATES
 . . **NORTH CAROLINA**
 RT CAPE HATTERAS (NC)
 GREAT SMOKY MOUNTAINS (NC-TN)
 OUTER BANKS (NC)
 SAND HILLS REGION (GA-NC-SC)

NORTH DAKOTA

GS NATIONS
 . UNITED STATES
 . . **NORTH DAKOTA**
 RT MISSOURI RIVER (US)
 WILLISTON BASIN (NORTH AMERICA)

NORTH KOREA

UF DEMOCRATIC PEOPLES REPUBLIC OF
 KOREA
 GS NATIONS
 . **NORTH KOREA**
 RT ASIA
 ∞ KOREA
 SOUTH KOREA

NORTH POLAR SPUR (ASTRONOMY)

GS EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . GALACTIC RADIO WAVES
 . . . **NORTH POLAR SPUR
 (ASTRONOMY)**
 . GALACTIC RADIATION
 . . GALACTIC RADIO WAVES
 . . . **NORTH POLAR SPUR
 (ASTRONOMY)**
 RT NEBULAE
 SUPERNOVA REMNANTS
 X RAY SPECTRA

NORTH SEA

GS SEAS
 . **NORTH SEA**
 RT ENGLISH CHANNEL

NORTH VIETNAM

USE VIETNAM

NORTHERN HEMISPHERE

GS **NORTHERN HEMISPHERE**
 . ARCTIC REGIONS
 RT ∞ HEMISPHERES
 NORTHERN SKY
 SOUTHERN HEMISPHERE

NORTHERN IRELAND

GS NATIONS
 . UNITED KINGDOM
 . . **NORTHERN IRELAND**
 RT EUROPE

NORTHERN SKY

RT ASTRONOMICAL CATALOGS
 ASTRONOMICAL COORDINATES
 ASTRONOMICAL OBSERVATORIES
 NORTHERN HEMISPHERE
 SKY SURVEYS (ASTRONOMY)
 SOUTHERN SKY

NORTHROP AIRCRAFT

GS **NORTHROP AIRCRAFT**
 . A-9 AIRCRAFT
 . F-5 AIRCRAFT
 . F-18 AIRCRAFT
 . F-20 AIRCRAFT
 . F-89 AIRCRAFT
 . T-38 AIRCRAFT
 . X-21 AIRCRAFT
 . X-21A AIRCRAFT
 RT ∞ AIRCRAFT

NORTHWEST TERRITORIES

GS NATIONS
 . CANADA
 . . **NORTHWEST TERRITORIES**

NORTON COUNTY ACHONDRITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . ACHONDRITES
 . . . **NORTON COUNTY ACHONDRITE**

NORWAY

GS NATIONS
 . **NORWAY**
 RT EUROPE
 FIORDS
 NORWEGIAN SPACE PROGRAM
 SCANDINAVIA

NORWEGIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . **NORWEGIAN SPACE PROGRAM**
 RT NORWAY

NOSE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NOSE (ANATOMY)
 NOSES (FOREBODIES)

NOSE (ANATOMY)

GS ANATOMY
 . FACE (ANATOMY)
 . . **NOSE (ANATOMY)**
 . . RESPIRATORY SYSTEM
 . . . **NOSE (ANATOMY)**
 RT HEAD (ANATOMY)
 ∞ NOSE
 PARANASAL SINUSES
 SINUSES

NOSE CAPS

USE NOSE CONES

NOSE CONES

UF NOSE CAPS
 GS CONES
 . **NOSE CONES**
 . . ABLATIVE NOSE CONES
 . . ROCKET NOSE CONES
 FOREBODIES
 . NOSES (FOREBODIES)
 . . **NOSE CONES**
 . . . ABLATIVE NOSE CONES
 . . . ROCKET NOSE CONES
 RT ABLATIVE MATERIALS
 BLUNT BODIES
 ∞ CAPS
 CIRCULAR CONES
 HALF CONES
 MISSILE COMPONENTS
 OGIVES
 REENTRY SHIELDING
 REENTRY VEHICLES
 SPACECRAFT COMPONENTS
 SPACECRAFT SHIELDING
 SPHERICAL CAPS
 WARHEADS

NOSE FINS

GS FINS
 . **NOSE FINS**
 RT CONTROL SURFACES
 FINNED BODIES
 NOSES (FOREBODIES)
 VANES

NOSE INLETS

GS INTAKE SYSTEMS
 . **NOSE INLETS**
 RT AIR INTAKES
 ANNULAR DUCTS
 BYPASS RATIO
 DUCTED BODIES
 DUCTS
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 NACELLES
 NOSES (FOREBODIES)
 SCOOPS
 SIDE INLETS
 SUPERSONIC INLETS
 ∞ WATER INTAKES

NOSE TIPS

GS TIPS
 . **NOSE TIPS**
 RT AERODYNAMIC CONFIGURATIONS
 AIRFOIL PROFILES
 NOSES (FOREBODIES)

NOSE WHEELS

- GS WHEELS
 - . VEHICLE WHEELS
 - . . **NOSE WHEELS**
- RT BRAKES (FOR ARRESTING MOTION)
- LANDING GEAR

NOSES (FOREBODIES)

- GS FOREBODIES
 - . **NOSES (FOREBODIES)**
 - . . NOSE CONES
 - . . . ABLATIVE NOSE CONES
 - . . . ROCKET NOSE CONES
- RT AIRCRAFT STRUCTURES
 - ∞ NOSE
 - NOSE FINS
 - NOSE INLETS
 - NOSE TIPS

NOSTOC

- GS PLANTS (BOTANY)
 - . ALGAE
 - . . BLUE GREEN ALGAE
 - . . . **NOSTOC**
 - . . . THERMOPHILIC PLANTS
 - . . . BLUE GREEN ALGAE
 - . . . **NOSTOC**

NOTATION

- USE CODING

NOTCH SENSITIVITY

- GS MECHANICAL PROPERTIES
 - . TOUGHNESS
 - . . **NOTCH SENSITIVITY**
 - . . . SENSITIVITY
 - . . . **NOTCH SENSITIVITY**
- RT CHARPY IMPACT TEST
- FATIGUE (MATERIALS)
- IMPACT STRENGTH
- IMPACT TESTS

NOTCH STRENGTH

- GS MECHANICAL PROPERTIES
 - . **NOTCH STRENGTH**
- RT BRITTLENESS
- DUCTILITY
- FATIGUE TESTS
- IMPACT TESTS
- ∞ STRENGTH
- STRESS CONCENTRATION
- STRESS INTENSITY FACTORS

NOTCH TESTS

- UF NOTCHED METALS
- GS **NOTCH TESTS**
 - . CHARPY IMPACT TEST
- RT BRITTLENESS
- CRACK OPENING DISPLACEMENT
- DROP TESTS
- FATIGUE TESTS
- HARDNESS
- IMPACT TESTS
- STRESS CONCENTRATION
- ∞ TESTS

NOTCHED METALS

- USE NOTCH TESTS

NOTCHES

- RT CRACK OPENING DISPLACEMENT
- PASSAGEWAYS
- V GROOVES

∞ **NOVA**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT NOVA LAUNCH VEHICLES
- NOVAE

NOVA COMPUTERS

- GS DATA PROCESSING EQUIPMENT
 - . COMPUTERS
 - . . DIGITAL COMPUTERS
 - . . . MINICOMPUTERS
 - **NOVA COMPUTERS**

NOVA LASER SYSTEM

- GS STIMULATED EMISSION DEVICES
 - . LASERS
 - . . HIGH POWER LASERS
 - . . . **NOVA LASER SYSTEM**
- RT LASER FUSION

NOVA LASER SYSTEM--(cont.)

- LASER OUTPUTS
- SHIVA LASER SYSTEM
- ∞ SYSTEMS

NOVA LAUNCH VEHICLES

- GS LAUNCH VEHICLES
 - . **NOVA LAUNCH VEHICLES**
 - . . ROCKET VEHICLES
 - . . . MULTISTAGE ROCKET VEHICLES
 - . . . **NOVA LAUNCH VEHICLES**
- RT F-1 ROCKET ENGINE
- J-2 ENGINE
- LIQUID PROPELLANT ROCKET ENGINES
- M-1 ENGINE
- ∞ NOVA
- ∞ VEHICLES

NOVA SATELLITES

- GS ARTIFICIAL SATELLITES
 - . NAVIGATION SATELLITES
 - . . **NOVA SATELLITES**
- RT DISCOS (SATELLITE ATTITUDE CONTROL)
- TRANSIT NAVIGATION SYSTEM

NOVA SCOTIA

- GS NATIONS
 - . CANADA
 - . . **NOVA SCOTIA**

NOVAE

- GS CELESTIAL BODIES
 - . STARS
 - . . VARIABLE STARS
 - . . . **NOVAE**
 - DWARF NOVAE
 - HERCULES NOVA
- RT CATAclysmic VARIABLES
- ∞ NOVA
- SHOCK WAVES
- STELLAR MASS
- STELLAR MASS EJECTION
- SUPERNOVAE
- SYMBIOTIC STARS

NOVOCAIN

- GS DRUGS
 - . ANESTHETICS
 - . . **NOVOCAIN**

NOWCASTING

- GS FORECASTING
 - . WEATHER FORECASTING
 - . . **NOWCASTING**
 - . . . METEOROLOGY
 - . . . WEATHER FORECASTING
 - . . . **NOWCASTING**
- RT AVIATION METEOROLOGY

NOXIOUS MATERIALS

- USE CONTAMINANTS

NOZZLE COEFFICIENT

- USE NOZZLE FLOW

NOZZLE DESIGN

- RT ∞ DESIGN
- ENGINE DESIGN
- ∞ NOZZLES

NOZZLE EFFICIENCY

- GS EFFICIENCY
 - . **NOZZLE EFFICIENCY**
- RT ∞ NOZZLES
- POWER EFFICIENCY
- PROPULSIVE EFFICIENCY
- THERMODYNAMIC EFFICIENCY

NOZZLE FLOW

- UF NOZZLE COEFFICIENT
- GS FLUID FLOW
 - . **NOZZLE FLOW**
- RT AEROTHERMOCHEMISTRY
- ANNULAR FLOW
- CHOKED FLOW
- CORNER FLOW
- DISCHARGE COEFFICIENT
- EXHAUST GASES
- EXHAUST NOZZLES
- FISSIONABLE MATERIALS
- FLOW GEOMETRY
- FLUID INJECTION
- INJECTORS

NOZZLE FLOW--(cont.)

- JET FLOW
- OUTLET FLOW
- PNEUMATIC PROBES
- SUPERSONIC JET FLOW
- TRANSONIC FLOW

NOZZLE GEOMETRY

- GS GEOMETRY
 - . **NOZZLE GEOMETRY**
- RT COAXIAL NOZZLES
- CONICAL NOZZLES
- CONVERGENT NOZZLES
- CONVERGENT-DIVERGENT NOZZLES
- DISCHARGE COEFFICIENT
- DIVERGENT NOZZLES
- MASS FLOW FACTORS
- ∞ NOZZLES
- PIPE NOZZLES
- PLUG NOZZLES
- SHROUDED NOZZLES
- SPIKE NOZZLES
- THROATS

NOZZLE INSERTS

- GS INSERTS
 - . **NOZZLE INSERTS**
- RT ABLATIVE MATERIALS
- CHOKES
- CONICAL NOZZLES
- CONVERGENT-DIVERGENT NOZZLES
- EXHAUST NOZZLES
- ∞ NOZZLES
- ROCKET NOZZLES
- THROATS

NOZZLE THRUST COEFFICIENTS

- GS COEFFICIENTS
 - . **NOZZLE THRUST COEFFICIENTS**
- RT DISCHARGE COEFFICIENT
- FLOW COEFFICIENTS
- INFLUENCE COEFFICIENT
- THRUST
- THRUST VECTOR CONTROL

NOZZLE WALLS

- GS WALLS
 - . **NOZZLE WALLS**
- RT CONICAL NOZZLES
- CONVERGENT NOZZLES
- DIVERGENT NOZZLES
- JET AMPLIFIERS
- ∞ NOZZLES
- REFRACTORY MATERIALS
- SHROUDED NOZZLES
- THROATS

NOZZLELESS ROCKET ENGINES

- GS ENGINES
 - . ROCKET ENGINES
 - . . **NOZZLELESS ROCKET ENGINES**
- RT ROCKET NOZZLES

∞ **NOZZLES**

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACOUSTIC NOZZLES
- ANNULAR NOZZLES
- ATOMIZERS
- BLOWERS
- CHOKES
- CHOKES (RESTRICTIONS)
- COAXIAL NOZZLES
- CONICAL NOZZLES
- CONVERGENT NOZZLES
- CONVERGENT-DIVERGENT NOZZLES
- ∞ DIFFUSERS
- DIVERGENT NOZZLES
- DUAL THRUST NOZZLES
- EXHAUST NOZZLES
- FLOW MEASUREMENT
- FUNNELS
- HYPERSONIC NOZZLES
- INJECTORS
- INLET NOZZLES
- NOZZLE DESIGN
- NOZZLE EFFICIENCY
- NOZZLE GEOMETRY
- NOZZLE INSERTS
- NOZZLE WALLS
- ORIFICES
- OUTLETS
- PIPE NOZZLES
- PLUG NOZZLES

NOZZLES--(cont.)

ROCKET NOZZLES
SHROUDED NOZZLES
SONIC NOZZLES
SPIKE NOZZLES
SPRAY NOZZLES
SPRAYERS
SUPERSONIC NOZZLES
TRANSONIC NOZZLES
TURBINES
VENTS
WIND TUNNEL NOZZLES

NRX REACTORS

GS NUCLEAR REACTORS
LIQUID COOLED REACTORS
WATER COOLED REACTORS
NRX REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
NRX REACTORS
RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET VEHICLES

NTS

USE NAVIGATION TECHNOLOGY SATELLITES

NU FACTOR

RT POISSON RATIO

NUCLEAR ASTROPHYSICS

GS ASTROPHYSICS
NUCLEAR ASTROPHYSICS
NUCLEAR PHYSICS
NUCLEAR ASTROPHYSICS
RT COSMOLOGY
NUCLEAR PARTICLES
STELLAR PHYSICS

NUCLEAR AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SPACE POWER REACTORS

NUCLEAR AUXILIARY POWER UNITS--(cont.)

FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
RT POWER SUPPLIES
RADIOISOTOPE BATTERIES
SPACECRAFT POWER SUPPLIES
THERMOELECTRIC GENERATORS
THERMOELECTRIC POWER GENERATION

NUCLEAR BINDING ENERGY

RT ACTIVATION ENERGY
ENERGY
IONIZATION POTENTIALS

NUCLEAR BULGE (GALAXIES)

USE GALACTIC BULGE

NUCLEAR CAPTURE

GS NUCLEAR REACTIONS
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
PARTICLE INTERACTIONS
ELEMENTARY PARTICLE INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
RT ACTIVATION ENERGY
CAPTURE EFFECT
ELECTRON TRANSITIONS
ENERGY LEVELS
INTERACTIONS
IRRADIATION
SPIN
TRANSITION PROBABILITIES

NUCLEAR CHEMISTRY

RT ATOMIC STRUCTURE
CHEMISTRY
ISOMERS
NUCLEAR ENERGY
PHYSICAL CHEMISTRY
PLASMA CHEMISTRY
QUANTUM CHEMISTRY
RADIOCHEMISTRY

NUCLEAR DEFORMATION

GS DEFORMATION
NUCLEAR DEFORMATION

NUCLEAR DEVICES

GS EXPLOSIVE DEVICES
NUCLEAR DEVICES
RT DEVICES
FISSION WEAPONS
THERMONUCLEAR EXPLOSIONS
WARHEADS

NUCLEAR ELECTRIC POWER GENERATION

UF NUCLEAR POWER GENERATION
GS NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR AUXILIARY POWER UNITS
SNAP
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 1
SNAP 3
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17
SNAP 19
SNAP 21
SNAP 23
SNAP 27
SNAP 29
SNAP 50
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4

NUCLEAR ELECTRIC POWER GENERATION--(cont.)

SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR POWER PLANTS
ENRICO FERMI ATOMIC POWER PLANT
HALLAM NUCLEAR POWER FACILITY
ML-1 NUCLEAR POWER PLANT
NUCLEAR POWER REACTORS
KIWI REACTORS
KIWI B REACTORS
KIWI B-1 REACTOR
KIWI B-4 REACTOR
PATHFINDER NUCLEAR REACTOR
PLUTONIUM RECYCLE TEST REACTOR
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
TORY 2 REACTOR
TORY 2-A REACTOR
TORY 2-C REACTOR
THERMONUCLEAR POWER GENERATION
RT ELECTRIC GENERATORS
NUCLEAR ENERGY

NUCLEAR ELECTRIC PROPULSION

GS PROPULSION
NUCLEAR PROPULSION
NUCLEAR ELECTRIC PROPULSION
RT ELECTRIC PROPULSION
ELECTROTHERMAL ENGINES
ION PROPULSION
MARINE PROPULSION
PLASMA PROPULSION
SPACECRAFT PROPULSION

NUCLEAR EMULSIONS

GS MIXTURES
DISPERSIONS
EMULSIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
SOLUTIONS
PHOTOGRAPHIC EMULSIONS
NUCLEAR EMULSIONS
RT DOSIMETERS
RADIATION COUNTERS
RADIATION MEASURING INSTRUMENTS

NUCLEAR ENERGY

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF ATOMIC ENERGY
RT ANNULAR CORE PULSE REACTORS
ATOMIC THEORY
CHEMICAL ENERGY
ENERGY POLICY
ENERGY STORAGE
MOLECULAR ENERGY LEVELS
NUCLEAR CHEMISTRY
NUCLEAR ELECTRIC POWER GENERATION
NUCLEAR FISSION
NUCLEAR FUELS
NUCLEAR FUSION
NUCLEAR HEAT
NUCLEAR PHYSICS
NUCLEAR PROPULSION
NUCLEAR REACTORS
NUCLEAR RESEARCH
NUCLEAR WARFARE
NUCLEAR WEAPONS
NUCLEONICS
SPENT FUELS

NUCLEAR ENGINE FOR ROCKET VEHICLES

UF NERVA (ENGINE)
GS ENGINES
ROCKET ENGINES
NUCLEAR ENGINE FOR ROCKET VEHICLES
RT BOOSTER ROCKET ENGINES
KIWI REACTORS
NRX REACTORS
PHOEBUS NUCLEAR REACTOR
ROVER PROJECT

NUCLEAR ENGINE FOR ROCKET--(cont.)

SUSTAINER ROCKET ENGINES
 ∞ VEHICLES
 WATER COOLED REACTORS

NUCLEAR EXPLOSION EFFECT

RT ∞ EFFECTS
 FALL-OUT
 RADIATION EFFECTS
 RADIATION HAZARDS

NUCLEAR EXPLOSIONS

UF ATOMIC EXPLOSIONS
 GS EXPLOSIONS
 . **NUCLEAR EXPLOSIONS**
 . . THERMONUCLEAR EXPLOSIONS
 RT AERIAL EXPLOSIONS
 ARTIFICIAL RADIATION BELTS
 CIVIL DEFENSE
 CRATERING
 FALL-OUT
 ∞ FIREBALLS
 FISHBOWL OPERATION
 HIGH ENERGY INTERACTIONS
 RADIATION HAZARDS
 UNDERGROUND EXPLOSIONS
 UNDERWATER EXPLOSIONS
 VELA SATELLITES

NUCLEAR FISSION

GS NUCLEAR REACTIONS
 . **NUCLEAR FISSION**
 RT CRITICAL EXPERIMENTS
 CRITICAL MASS
 DECAY
 FISSION PRODUCTS
 FISSION REACTORS
 FISSION-FISSION HYBRID REACTORS
 HIGH ENERGY INTERACTIONS
 NEUTRON FLUX DENSITY
 ∞ NUCLEAR ENERGY
 RADIOACTIVE DECAY
 RADIOACTIVE MATERIALS
 SUBCRITICAL MASS

NUCLEAR FUEL BURNUP

GS COMBUSTION
 . FUEL COMBUSTION
 . . **NUCLEAR FUEL BURNUP**
 RT CRITICAL MASS
 REACTOR PHYSICS
 REACTOR TECHNOLOGY

NUCLEAR FUEL ELEMENTS

UF FUEL ELEMENTS (NUCLEAR REACTORS)
 RT ANNULAR CORE PULSE REACTORS
 ∞ ELEMENTS
 FUELS
 PLUTONIUM ALLOYS
 REACTOR CORES
 REACTOR MATERIALS
 URANIUM ALLOYS
 URANIUM CARBIDES

NUCLEAR FUEL REPROCESSING

GS RECLAMATION
 . MATERIALS RECOVERY
 . . **NUCLEAR FUEL REPROCESSING**
 RT NUCLEAR FUELS
 ∞ PROCESSING
 ∞ RECOVERY
 RECYCLING
 SPENT FUELS

NUCLEAR FUELS

UF REACTOR FUELS
 GS FUELS
 . **NUCLEAR FUELS**
 . . CERAMIC NUCLEAR FUELS
 . . FISSION
 . . SPENT FUELS
 RT ANNULAR CORE PULSE REACTORS
 DEUTERIUM
 ENERGY POLICY
 FISSION FUELS
 FISSION
 FISSIONABLE MATERIALS
 FUEL CAPSULES
 FUEL PRODUCTION
 INERTIAL FISSION (REACTOR)
 MIXED OXIDES
 NEUTRON SOURCES
 ∞ NUCLEAR ENERGY
 NUCLEAR FUEL REPROCESSING
 PELLETS

NUCLEAR FUELS--(cont.)

PLUTONIUM
 PLUTONIUM ALLOYS
 PLUTONIUM COMPOUNDS
 REACTOR CORES
 REACTOR MATERIALS
 REACTOR STARTUP TESTS
 SOL-GEL PROCESSES
 THORIUM
 THORIUM ALLOYS
 THORIUM COMPOUNDS
 TRITIUM
 URANIUM
 URANIUM ALLOYS
 URANIUM CARBIDES
 URANIUM COMPOUNDS
 URANIUM OXIDES
 URANIUM 233
 URANIUM 235
 URANIUM 238

NUCLEAR FUSION

UF NUCLEOSYNTHESIS
 GS NUCLEAR REACTIONS
 . THERMONUCLEAR REACTIONS
 . . **NUCLEAR FUSION**
 . . . CONTROLLED FUSION
 RT COLLISIONAL PLASMAS
 DEGENERATE MATTER
 DENSE PLASMAS
 DEUTERON IRRADIATION
 ∞ FUSION
 FUSION REACTORS
 FUSION WEAPONS
 FUSION-FISSION HYBRID REACTORS
 HIGH ENERGY INTERACTIONS
 IRRADIATION
 MAGNETIC MIRRORS
 MIRROR FUSION
 ∞ NUCLEAR ENERGY
 PLASMA FOCUS
 RAILGUN ACCELERATORS
 STAR FORMATION
 STELLAR INTERIORS
 STELLAR PHYSICS
 ∞ SYNTHESIS
 TOKAMAK DEVICES

NUCLEAR GYROSCOPES

GS GYROSCOPES
 . **NUCLEAR GYROSCOPES**

NUCLEAR HEAT

GS HEAT
 . **NUCLEAR HEAT**
 RT ∞ NUCLEAR ENERGY

NUCLEAR INTERACTIONS

GS NUCLEAR REACTIONS
 . **NUCLEAR INTERACTIONS**
 . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . SPIN-ORBIT INTERACTIONS
 . . . ELECTRON CAPTURE
 . . . WEAK INTERACTIONS (FIELD THEORY)
 PARTICLE INTERACTIONS
 . **NUCLEAR INTERACTIONS**
 . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . SPIN-ORBIT INTERACTIONS
 . . . ELECTRON CAPTURE
 . . . WEAK INTERACTIONS (FIELD THEORY)
 RT COLLISION PARAMETERS
 ELEMENTARY PARTICLES
 HIGH ENERGY INTERACTIONS
 ∞ INTERACTIONS
 STRONG INTERACTIONS (FIELD THEORY)

NUCLEAR ISOBARS

RT CHEMICAL ELEMENTS
 ∞ ISOBARS
 ISOTOPES
 NUCLEI (NUCLEAR PHYSICS)
 NUCLIDES

NUCLEAR LIGHTBULB ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . NUCLEAR ROCKET ENGINES
 . . . **NUCLEAR LIGHTBULB ENGINES**
 RT GASEOUS FISSION REACTORS

NUCLEAR MAGNETIC RESONANCE

UF KNIGHT SHIFT
 NMR
 GS RESONANCE
 . MAGNETIC RESONANCE
 . . **NUCLEAR MAGNETIC RESONANCE**
 . . . PROTON MAGNETIC RESONANCE
 . . . PROTON RESONANCE
 RT MAGNETIC SIGNALS
 MAGNETOMETERS
 MOLECULAR STRUCTURE
 PARAMAGNETIC RESONANCE
 PARTICLE SPIN
 PLANCKS CONSTANT
 SPIN RESONANCE
 SPIN-LATTICE RELAXATION

NUCLEAR MEDICINE

UF RADIATION MEDICINE
 GS MEDICAL SCIENCE
 . **NUCLEAR MEDICINE**
 . . RADIOBIOLOGY
 RT ANTIRADIATION DRUGS
 HEALTH PHYSICS
 ∞ RADIATION
 RADIOPATHOLOGY

NUCLEAR METEOROLOGY

GS METEOROLOGY
 . **NUCLEAR METEOROLOGY**
 RT FALL-OUT

NUCLEAR MODELS

GS MODELS
 . **NUCLEAR MODELS**
 RT ATOMIC STRUCTURE
 ENERGY LEVELS
 MOLECULAR STRUCTURE
 QUARK PARTON MODEL

NUCLEAR PARTICLES

GS PARTICLES
 . **NUCLEAR PARTICLES**
 . . ANTIPARTICLES
 . . . ANTINEUTRINOS
 . . . ANTINUCLEONS
 . . . ANTIPROTONS
 . . . POSITRONS
 . . . BETA PARTICLES
 . . . BOSONS
 . . . ALPHA PARTICLES
 . . . MESONS
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 XI HYPERONS
 NUCLEONS
 PHOTOELECTRONS
 RT CORPUSCULAR RADIATION
 COSMIC RAYS
 ELEMENTARY PARTICLES
 FISSION PRODUCTS
 GAMMA RAY BURSTS
 NEUTRON CROSS SECTIONS
 NEUTRON DISTRIBUTION
 NEUTRON SCATTERING
 NUCLEAR ASTROPHYSICS
 NUCLEON POTENTIAL
 NUCLEON-NUCLEON SCATTERING
 PARTICLE ACCELERATORS
 PARTICLE TRACKS
 PHOTONEUTRONS
 PI-ELECTRONS
 POSITRON ANNIHILATION
 PROTON RESONANCE
 PROTONS

NUCLEAR PHYSICS

GS **NUCLEAR PHYSICS**
 . NUCLEAR ASTROPHYSICS
 . REACTOR PHYSICS
 RT ATOMIC STRUCTURE
 CURRENT ALGEBRA
 ELECTROMAGNETIC ABSORPTION
 FIELD THEORY (PHYSICS)
 HEALTH PHYSICS
 ∞ NUCLEAR ENERGY
 NUCLEONICS

NUCLEAR PHYSICS--(cont.)

PARITY
 PARTICLE SPIN
 ∞ PHYSICS
 QUANTUM THEORY
 ∞ SCIENCE
 THEORETICAL PHYSICS

NUCLEAR POTENTIAL

GS POTENTIAL ENERGY
 . **NUCLEAR POTENTIAL**
 RT NUCLEON POTENTIAL

NUCLEAR POWER GENERATION

USE NUCLEAR ELECTRIC POWER
 GENERATION

NUCLEAR POWER PLANTS

GS ELECTRIC POWER PLANTS
 . **NUCLEAR POWER PLANTS**
 . . ENRICO FERMI ATOMIC POWER
 PLANT
 . . HALLAM NUCLEAR POWER FACILITY
 . . ML-1 NUCLEAR POWER PLANT
 NUCLEAR ELECTRIC POWER
 GENERATION
 . **NUCLEAR POWER PLANTS**
 . . ENRICO FERMI ATOMIC POWER
 PLANT
 . . HALLAM NUCLEAR POWER FACILITY
 . . ML-1 NUCLEAR POWER PLANT
 RT PLASMA CORE REACTORS

NUCLEAR POWER REACTORS

GS NUCLEAR ELECTRIC POWER
 GENERATION
 . **NUCLEAR POWER REACTORS**
 . . KIWI REACTORS
 . . . KIWI B REACTORS
 . . . KIWI B-1 REACTOR
 . . . KIWI B-4 REACTOR
 . . PATHFINDER NUCLEAR REACTOR
 . . PLUTONIUM RECYCLE TEST
 REACTOR
 . . SPACE POWER REACTORS
 . . . FISSION ELECTRIC CELLS
 . . . SNAP 2
 . . . SNAP 4
 . . . SNAP 8
 . . . SNAP 10A
 . . SPACE POWER UNIT REACTORS
 . . TORY 2 REACTOR
 . . TORY 2-A REACTOR
 . . TORY 2-C REACTOR
 NUCLEAR REACTORS
 . **NUCLEAR POWER REACTORS**
 . . KIWI REACTORS
 . . . KIWI B REACTORS
 . . . KIWI B-1 REACTOR
 . . . KIWI B-4 REACTOR
 . . PATHFINDER NUCLEAR REACTOR
 . . PLUTONIUM RECYCLE TEST
 REACTOR
 . . SPACE POWER REACTORS
 . . . FISSION ELECTRIC CELLS
 . . . SNAP 2
 . . . SNAP 4
 . . . SNAP 8
 . . . SNAP 10A
 . . SPACE POWER UNIT REACTORS
 . . TORY 2 REACTOR
 . . TORY 2-A REACTOR
 . . TORY 2-C REACTOR
 RT BOILING WATER REACTORS
 BREEDER REACTORS
 FAST NUCLEAR REACTORS
 FAST OXIDE REACTORS
 HIGH TEMPERATURE GAS COOLED
 REACTORS
 LIQUID METAL FAST BREEDER
 REACTORS
 POWER REACTORS
 PRESSURIZED WATER REACTORS
 SNAP
 SODIUM GRAPHITE REACTORS

NUCLEAR POWERED SHIPS

GS SURFACE VEHICLES
 . **NUCLEAR POWERED SHIPS**
 . . SAVANNAH NUCLEAR SHIP
 WATER VEHICLES
 . SHIPS
 . **NUCLEAR POWERED SHIPS**
 . . SAVANNAH NUCLEAR SHIP
 RT AIRCRAFT CARRIERS

NUCLEAR POWERED SHIPS--(cont.)

CARGO SHIPS
 NAVY
 SUBMARINES

NUCLEAR PROPELLED AIRCRAFT

RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT
 RESEARCH AIRCRAFT

NUCLEAR PROPULSION

UF CHEMONUCLEAR PROPULSION
 THERMONUCLEAR PROPULSION
 GS PROPULSION
 . **NUCLEAR PROPULSION**
 . . NUCLEAR ELECTRIC PROPULSION
 RT AIRCRAFT ENGINES
 GASEOUS FISSION REACTORS
 HIGH TEMPERATURE NUCLEAR
 REACTORS
 HIGH TEMPERATURE PROPELLANTS
 MARINE PROPULSION
 MATTER-ANTIMATTER PROPULSION
 MERCURY ION ENGINES
 NEW MOONS PROJECT
 ∞ NUCLEAR ENERGY
 ROVER PROJECT
 SAVANNAH NUCLEAR SHIP
 SPACECRAFT PROPULSION
 TRIDENT SUBMARINE
 UNDERWATER PROPULSION

NUCLEAR PUMPED LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . **NUCLEAR PUMPED LASERS**
 RT OPTICAL PUMPING
 OPTICAL RESONANCE

NUCLEAR PUMPING

RT ELECTRON PUMPING
 ENERGY TRANSFER
 FISSION PRODUCTS
 GAS LASERS
 LASERS
 OPTICAL PUMPING
 POPULATION INVERSION
 ∞ PUMPING
 STIMULATED EMISSION
 STIMULATED EMISSION DEVICES

NUCLEAR QUADRUPOLE RESONANCE

GS RESONANCE
 . **NUCLEAR QUADRUPOLE RESONANCE**
 RT ENERGY LEVELS
 QUADRUPOLES

NUCLEAR RADIATION

GS **NUCLEAR RADIATION**
 . BETA PARTICLES
 . FAST NEUTRONS
 . GAMMA RAY BEAMS
 . GAMMA RAYS
 . . GAMMA RAY BURSTS
 . NEUTRON BEAMS
 . PHOTONEUTRONS
 . POST-BLAST NUCLEAR RADIATION
 . SPALLATION
 . THERMAL NEUTRONS
 RT ALPHA PARTICLES
 BREMSSTRAHLUNG
 CERENKOV RADIATION
 CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 ELECTRON PUMPING
 ELECTRON RADIATION
 ELECTRONS
 ELEMENTARY PARTICLES
 EMISSION SPECTRA
 FISSION PRODUCTS
 GAMMA RAY ABSORPTION
 HEALTH PHYSICS
 HIGH ENERGY INTERACTIONS
 IONIZING RADIATION
 IRRADIATION
 NEUTRONS
 PARTICLE PRODUCTION
 PHOTONS
 ∞ RADIATION
 RADIATION EFFECTS
 RADIATION HAZARDS
 RADIOACTIVE CONTAMINANTS
 RADIOACTIVE DECAY
 RADIOACTIVE MATERIALS
 RADIOACTIVITY

NUCLEAR RADIATION--(cont.)

RADIOBIOLOGY
 RADIOCHEMISTRY
 VELA SATELLITES

NUCLEAR RADIATION SPECTROSCOPY

GS SPECTROSCOPY
 . **NUCLEAR RADIATION SPECTROSCOPY**
 RT MASS SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 VACUUM SPECTROSCOPY

NUCLEAR RAMJET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . **NUCLEAR RAMJET ENGINES**
 RT PLUTO REACTORS
 ∞ ROCKETS
 SUPERSONIC LOW ALTITUDE MISSILE

NUCLEAR REACTIONS

UF NEUTRON TRANSMUTATION
 GS **NUCLEAR REACTIONS**
 . NUCLEAR FISSION
 . NUCLEAR INTERACTIONS
 . . NUCLEAR CAPTURE
 . . . ELECTRON CAPTURE
 . . . SPIN-ORBIT INTERACTIONS
 . . . ELECTRON CAPTURE
 . . . WEAK INTERACTIONS (FIELD
 THEORY)
 . NUCLEAR SCATTERING
 . . NEUTRON SCATTERING
 . . RESONANCE SCATTERING
 . NUCLEAR TRANSFORMATIONS
 . . TRANSMUTATION
 . PHOTONUCLEAR REACTIONS
 . PROTON SCATTERING
 . PROTON-PROTON REACTIONS
 . RADIOACTIVE DECAY
 . . ALPHA DECAY
 . . NEUTRON EMISSION
 . SPALLATION
 . THERMONUCLEAR REACTIONS
 . . NUCLEAR FUSION
 . . . CONTROLLED FUSION
 RT BRAGG CURVE
 COMPTON EFFECT
 CRITICAL EXPERIMENTS
 CRITICAL MASS
 ELECTRON SCATTERING
 EMISSION
 HALF LIFE
 HIGH ENERGY INTERACTIONS
 INHOUR EQUATION
 ∞ INTERACTIONS
 INTERNAL CONVERSION
 PAIR PRODUCTION
 PARTICLE INTERACTIONS
 PARTICLE PRODUCTION
 PHOTONEUTRONS
 POISONING (REACTION INHIBITION)
 POMERONS
 RADIATION ABSORPTION
 RADIOGENIC MATERIALS
 ∞ REACTION
 REACTION KINETICS
 REACTIVITY
 SOLAR NEUTRINOS
 STRONG INTERACTIONS (FIELD
 THEORY)
 SUBCRITICAL MASS

NUCLEAR REACTOR CONTROL

RT CONFINEMENT
 ∞ CONTROL
 CONTROL RODS
 ∞ REACTION CONTROL
 REACTOR SAFETY

NUCLEAR REACTORS

GS **NUCLEAR REACTORS**
 . ANNULAR CORE PULSE REACTORS
 . ASTRON THERMONUCLEAR REACTOR
 . BREEDER REACTORS
 . . EXPERIMENTAL BREEDER REACTOR
 1
 . . EXPERIMENTAL BREEDER REACTOR
 2
 . . LIGHT WATER BREEDER REACTORS
 . . LIQUID METAL FAST BREEDER
 REACTORS
 . ENGINEERING TEST REACTORS
 . FAST NUCLEAR REACTORS

NUCLEAR REACTORS--(cont.)

.. EXPERIMENTAL BREEDER REACTOR
1
.. EXPERIMENTAL BREEDER REACTOR
2
.. FAST OXIDE REACTORS
.. FAST TEST REACTORS
.. GAS COOLED FAST REACTORS
.. LIQUID METAL FAST BREEDER REACTORS
.. FUSION REACTORS
.. HELIOTRONS
.. SPHEROMAKS
.. STELLARATORS
.. FUSION-FISSION HYBRID REACTORS
.. GAS COOLED REACTORS
.. EXPERIMENTAL GAS COOLED REACTORS
.. GAS COOLED FAST REACTORS
.. HIGH TEMPERATURE NUCLEAR REACTORS
.. HIGH TEMPERATURE GAS COOLED REACTORS
.. KIWI REACTORS
.. KIWI B REACTORS
.. KIWI B-1 REACTOR
.. KIWI B-4 REACTOR
.. TORY 2 REACTOR
.. TORY 2-A REACTOR
.. TORY 2-C REACTOR
.. GASEOUS FISSION REACTORS
.. HANFORD REACTORS
.. HIGH FLUX ISOTOPE REACTORS
.. LIQUID COOLED REACTORS
.. LIQUID METAL COOLED REACTORS
.. ADVANCED SODIUM COOLED REACTOR
.. EXPERIMENTAL BREEDER REACTOR
1
.. EXPERIMENTAL BREEDER REACTOR
2
.. LITHIUM COOLED REACTOR EXPERIMENT
.. LOS ALAMOS MOLTEN PLUTONIUM REACTOR
.. MILITARY COMPACT REACTORS
.. SODIUM GRAPHITE REACTORS
.. SODIUM REACTOR EXPERIMENT
.. ORGANIC COOLED REACTORS
.. EXPERIMENTAL ORGANIC COOLED REACTORS
.. WATER COOLED REACTORS
.. BOILING WATER REACTORS
.. EXPERIMENTAL BOILING WATER REACTORS
.. HALDEN BOILING WATER REACTOR
.. LOS ALAMOS WATER BOILER REACTOR
.. PATHFINDER NUCLEAR REACTOR
.. SPERT REACTORS
.. HEAVY WATER REACTORS
.. HEAVY WATER COMPONENTS TEST REACTORS
.. PLUTONIUM RECYCLE TEST REACTOR
.. ZERO POWER REACTOR 2
.. LIGHT WATER REACTORS
.. NRX REACTORS
.. PLUM BROOK REACTOR
.. PRESSURIZED WATER REACTORS
.. SPECTRAL SHIFT CONTROL REACTOR
.. SWIMMING POOL REACTORS
.. ZERO POWER REACTORS
.. ZERO POWER REACTOR 2
.. ZERO POWER REACTOR 3
.. ZERO POWER REACTOR 6
.. ZERO POWER REACTOR 9
.. MOLTEN SALT NUCLEAR REACTORS
.. NUCLEAR POWER REACTORS
.. KIWI REACTORS
.. KIWI B REACTORS
.. KIWI B-1 REACTOR
.. KIWI B-4 REACTOR
.. PATHFINDER NUCLEAR REACTOR
.. PLUTONIUM RECYCLE TEST REACTOR
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 2
.. SNAP 4
.. SNAP 8
.. SNAP 10A
.. SPACE POWER UNIT REACTORS
.. TORY 2 REACTOR

NUCLEAR REACTORS--(cont.)

.. TORY 2-A REACTOR
.. TORY 2-C REACTOR
.. NUCLEAR RESEARCH AND TEST REACTORS
.. ADVANCED TEST REACTORS
.. EXPERIMENTAL BOILING WATER REACTORS
.. EXPERIMENTAL BREEDER REACTOR
1
.. EXPERIMENTAL BREEDER REACTOR
2
.. EXPERIMENTAL GAS COOLED REACTORS
.. EXPERIMENTAL ORGANIC COOLED REACTORS
.. HEALTH PHYSICS RESEARCH REACTOR
.. HEAVY WATER COMPONENTS TEST REACTORS
.. HERO REACTOR
.. HIGH TEMPERATURE NUCLEAR REACTORS
.. JANUS REACTOR
.. KIWI REACTORS
.. KIWI B REACTORS
.. KIWI B-1 REACTOR
.. KIWI B-4 REACTOR
.. LIVERMORE POOL TYPE REACTOR
.. LOS ALAMOS MOLTEN PLUTONIUM REACTOR
.. MILITARY COMPACT REACTORS
.. NRX REACTORS
.. PLUM BROOK REACTOR
.. PLUTONIUM RECYCLE TEST REACTOR
.. SODIUM REACTOR EXPERIMENT
.. SPERT REACTORS
.. TORY 2 REACTOR
.. TORY 2-A REACTOR
.. TORY 2-C REACTOR
.. TOWER SHIELDING REACTOR 2
.. ZERO POWER REACTOR 2
.. ZERO POWER REACTOR 3
.. ZERO POWER REACTOR 6
.. ZERO POWER REACTOR 9
.. ORGANIC MODERATED REACTORS
.. EXPERIMENTAL ORGANIC COOLED REACTORS
.. PEBBLE BED REACTORS
.. PHOEBUS NUCLEAR REACTOR
.. PLASMA CORE REACTORS
.. PLUTO REACTORS
.. THERMAL REACTORS
.. TOKAMAK DEVICES
.. JOINT EUROPEAN TORUS
.. WATER MODERATED REACTORS
.. EXPERIMENTAL BOILING WATER REACTORS
.. HEAVY WATER COMPONENTS TEST REACTORS
.. PLUTONIUM RECYCLE TEST REACTOR
RT CLOSED CYCLES
CONTROL RODS
COOLANTS
FISSILE FUELS
HIGH FLUX BEAM REACTORS
INHOUR EQUATION
LOSS OF COOLANT
MODERATORS
∞NUCLEAR ENERGY
∞PILES
RADIATION SHIELDING
REACTOR CORES
REACTOR DESIGN
REACTOR MATERIALS
REACTOR PHYSICS
REACTOR SAFETY
REACTOR STARTUP TESTS
REACTOR TECHNOLOGY
∞REACTORS
ROVER PROJECT
THERMAL NEUTRONS
THERMAL POLLUTION

NUCLEAR RELAXATION

RT RELAXATION (MECHANICS)

NUCLEAR RESEARCH

GS RESEARCH
.. NUCLEAR RESEARCH
RT HIGH ENERGY INTERACTIONS
LABORATORIES
∞NUCLEAR ENERGY

NUCLEAR RESEARCH--(cont.)

PLASMA CORE REACTORS
RADIOCHEMISTRY
NUCLEAR RESEARCH AND TEST REACTORS
UF MATERIALS TESTING REACTORS
NUCLEAR TEST REACTORS
PHYSICAL CONSTANTS TESTING REACTOR
GS NUCLEAR REACTORS
.. NUCLEAR RESEARCH AND TEST REACTORS
.. ADVANCED TEST REACTORS
.. EXPERIMENTAL BOILING WATER REACTORS
.. EXPERIMENTAL BREEDER REACTOR
1
.. EXPERIMENTAL BREEDER REACTOR
2
.. EXPERIMENTAL GAS COOLED REACTORS
.. EXPERIMENTAL ORGANIC COOLED REACTORS
.. HEALTH PHYSICS RESEARCH REACTOR
.. HEAVY WATER COMPONENTS TEST REACTORS
.. HERO REACTOR
.. HIGH TEMPERATURE NUCLEAR REACTORS
.. JANUS REACTOR
.. KIWI REACTORS
.. KIWI B REACTORS
.. KIWI B-1 REACTOR
.. KIWI B-4 REACTOR
.. LIVERMORE POOL TYPE REACTOR
.. LOS ALAMOS MOLTEN PLUTONIUM REACTOR
.. MILITARY COMPACT REACTORS
.. NRX REACTORS
.. PLUM BROOK REACTOR
.. PLUTONIUM RECYCLE TEST REACTOR
.. SODIUM REACTOR EXPERIMENT
.. SPERT REACTORS
.. TORY 2 REACTOR
.. TORY 2-A REACTOR
.. TORY 2-C REACTOR
.. TOWER SHIELDING REACTOR 2
.. ZERO POWER REACTOR 2
.. ZERO POWER REACTOR 3
.. ZERO POWER REACTOR 6
.. ZERO POWER REACTOR 9
RT BOILING WATER REACTORS
NEUTRON SOURCES
REACTOR DESIGN
REACTOR TECHNOLOGY
∞REACTORS
TRANSIENT REACTOR TEST FACILITY
NUCLEAR ROCKET ENGINES
UF THERMIONIC REACTORS
GS ENGINES
.. ROCKET ENGINES
.. NUCLEAR ROCKET ENGINES
.. NUCLEAR LIGHTBULB ENGINES
RT BOOSTER ROCKET ENGINES
ION ENGINES
MERCURY ION ENGINES
PHOEBUS NUCLEAR REACTOR
PLUTO REACTORS
RESTARTABLE ROCKET ENGINES
∞ROCKETS
SUSTAINER ROCKET ENGINES
NUCLEAR SCATTERING
SN (SCATTERING CAUSED BY NUCLEUS AND NOT BY ORBITAL ELECTRONS)
GS NUCLEAR REACTIONS
.. NUCLEAR SCATTERING
.. NEUTRON SCATTERING
.. RESONANCE SCATTERING
.. SCATTERING
.. NUCLEAR SCATTERING
.. NEUTRON SCATTERING
.. RESONANCE SCATTERING
RT ANGULAR DISTRIBUTION
BACKSCATTERING
COHERENT SCATTERING
ELASTIC SCATTERING
ELECTRON SCATTERING
FORWARD SCATTERING
INCOHERENT SCATTERING
INELASTIC SCATTERING
MANDELSTAM REPRESENTATION

NUCLEAR SHIELDING

USE RADIATION SHIELDING

NUCLEAR SPIN

GS SPIN
 . PARTICLE SPIN
 . . **NUCLEAR SPIN**
 RT ELECTRON SPIN
 ENERGY LEVELS
 KONDO EFFECT
 MAGNETIC RESONANCE
 OVERHAUSER EFFECT
 QUANTUM NUMBERS
 QUANTUM THEORY

NUCLEAR STRUCTURE

RT ENERGY LEVELS
 EVEN-EVEN NUCLEI
 ODD-ODD NUCLEI

NUCLEAR TEST REACTORS

USE NUCLEAR RESEARCH AND TEST REACTORS

NUCLEAR TRANSFORMATIONS

GS NUCLEAR REACTIONS
 . **NUCLEAR TRANSFORMATIONS**
 . . TRANSMUTATION

NUCLEAR VULNERABILITY

GS VULNERABILITY
 . **NUCLEAR VULNERABILITY**
 RT PENETRATION
 RADIATION EFFECTS
 THERMONUCLEAR EXPLOSIONS

NUCLEAR WARFARE

GS WARFARE
 . **NUCLEAR WARFARE**
 RT CIVIL DEFENSE
 HARDENING (SYSTEMS)
 ∞ NUCLEAR ENERGY

NUCLEAR WARHEADS

GS WEAPONS
 . WARHEADS
 . . **NUCLEAR WARHEADS**

NUCLEAR WASTES

USE RADIOACTIVE WASTES

NUCLEAR WEAPONS

GS WEAPONS
 . **NUCLEAR WEAPONS**
 . . FISSION WEAPONS
 . . FUSION WEAPONS
 RT BOMBS (ORDNANCE)
 EXPLOSIVES
 MISSILES
 ∞ NUCLEAR ENERGY
 PROJECTILES
 ∞ ROCKETS
 SPACE WEAPONS
 TORPEDOES
 WARHEADS
 WEAPON SYSTEMS
 WEAPONS DELIVERY

NUCLEASE

GS BIOPOLYMERS
 . PROTEINS
 . . ENZYMES
 . . . **NUCLEASE**
 ORGANIC COMPOUNDS
 . PROTEINS
 . . ENZYMES
 . . . **NUCLEASE**

NUCLEATE BOILING

GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . BOILING
 . . . **NUCLEATE BOILING**
 LEIDENFROST PHENOMENON
 RT FILM BOILING
 HEAT TRANSFER
 HEAT TRANSFER COEFFICIENTS
 NUCLEATION

NUCLEATION

GS **NUCLEATION**
 . CLOUD SEEDING
 RT ACCUMULATIONS
 AITKEN NUCLEI

NUCLEATION--(cont.)

CONDENSATION NUCLEI
 CONDENSING
 CRYSTAL GROWTH
 CRYSTALLIZATION
 DROP SIZE
 ∞ FORMATION
 HEAT TREATMENT
 ICE NUCLEI
 INITIATION
 INOCULATION
 JET CONDENSERS
 NUCLEATE BOILING
 ∞ NUCLEI
 RECRYSTALLIZATION
 SUPERCOOLING

∞ NUCLEI

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ACTIVE GALACTIC NUCLEI
 AITKEN NUCLEI
 CHARGED PARTICLES
 CHROMOSOMES
 CONDENSATION NUCLEI
 ICE NUCLEI
 NUCLEATION
 NUCLEI (CYTOLOGY)
 NUCLEI (NUCLEAR PHYSICS)
 NUCLEOGENESIS
 ODD-ODD NUCLEI

NUCLEI (CYTOLOGY)

GS ORGANELLES
 . **NUCLEI (CYTOLOGY)**
 RT CELLS (BIOLOGY)
 CYTOLOGY
 CYTOPLASM
 GENETICS
 ∞ NUCLEI

NUCLEI (NUCLEAR PHYSICS)

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . **NUCLEI (NUCLEAR PHYSICS)**
 EVEN-EVEN NUCLEI
 HEAVY NUCLEI
 HYPERNUCLEI
 ODD-EVEN NUCLEI
 ODD-ODD NUCLEI
 RT ATOMS
 CORPUSCULAR RADIATION
 COSMIC RAYS
 ELEMENTARY PARTICLES
 IONS
 ISOTOPES
 NEUTRONS
 NUCLEAR ISOBARS
 ∞ NUCLEI
 NUCLEONS
 ∞ PHYSICS
 PROTONS

NUCLEIC ACID DENATURATION

USE BIOPOLYMER DENATURATION

NUCLEIC ACIDS

GS ACIDS
 . **NUCLEIC ACIDS**
 . . DEOXYRIBONUCLEIC ACID
 . . RIBONUCLEIC ACIDS
 BIOPOLYMERS
 . **NUCLEIC ACIDS**
 . . DEOXYRIBONUCLEIC ACID
 . . RIBONUCLEIC ACIDS
 ORGANIC COMPOUNDS
 . **NUCLEIC ACIDS**
 . . DEOXYRIBONUCLEIC ACID
 . . RIBONUCLEIC ACIDS
 RT BIOPOLYMER DENATURATION
 GUANOSINES
 PROTEINS
 URIDYLIC ACID

NUCLEOGENESIS

RT GENETICS
 MUTATIONS
 ∞ NUCLEI

NUCLEON POTENTIAL

RT NEUTRONS
 NUCLEAR PARTICLES
 NUCLEAR POTENTIAL

NUCLEON POTENTIAL--(cont.)

∞ POTENTIAL
 PROTONS
 ∞ RADIATION

NUCLEON-NUCLEON INTERACTIONS

GS PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE
 INTERACTIONS
 RT . **NUCLEON-NUCLEON INTERACTIONS**
 CHARGED PARTICLES
 ∞ INTERACTIONS

NUCLEON-NUCLEON SCATTERING

GS SCATTERING
 . **NUCLEON-NUCLEON SCATTERING**
 RT NUCLEAR PARTICLES
 PARTICLE COLLISIONS
 POMERANCHUK THEOREM

NUCLEONICS

RT ∞ ELECTRONICS
 ∞ NUCLEAR ENERGY
 NUCLEAR PHYSICS
 TECHNOLOGIES

NUCLEONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . **NUCLEONS**
 . . NUCLEAR PARTICLES
 . . . **NUCLEONS**
 RT ALPHA PARTICLES
 ANTINEUTRONS
 BARYONS
 CHARGED PARTICLES
 FAST NEUTRONS
 HYPERONS
 NEUTRONS
 NUCLEI (NUCLEAR PHYSICS)
 PROTONS
 VECTOR DOMINANCE MODEL

NUCLEOPHILES

GS ELECTRON ATTACHMENT
 . **NUCLEOPHILES**

NUCLEOSIDES

GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . GLUCOSIDES
 . . . **NUCLEOSIDES**
 ADENINES
 GUANOSINES
 RT RIBOSE
 THYMIDINE

NUCLEOSYNTHESIS

USE NUCLEAR FUSION

NUCLEOTIDES

GS ORGANIC COMPOUNDS
 . **NUCLEOTIDES**
 . . ADENINES
 . . ADENOSINES
 . . . ADENOSINE DIPHOSPHATE
 . . . ADENOSINE TRIPHOSPHATE
 . . . CYCLIC AMP
 . . . POLYNUCLEOTIDES
 . . . PYRIDINE NUCLEOTIDES
 . . . URIDYLIC ACID
 RT BIOPOLYMERS
 PROTEINS

NUCLIDES

GS CHEMICAL ELEMENTS
 . **NUCLIDES**
 . . ISOTOPES
 . . . ALUMINUM ISOTOPES
 ALUMINUM 26
 ALUMINUM 27
 ANTIMONY ISOTOPES
 ARGON ISOTOPES
 ARSENIC ISOTOPES
 BARIUM ISOTOPES
 BERYLLIUM ISOTOPES
 BERYLLIUM 7
 BERYLLIUM 9
 BERYLLIUM 10
 BISMUTH ISOTOPES
 BORON ISOTOPES
 BORON 10
 BROMINE ISOTOPES
 CADMIUM ISOTOPES

NUCLIDES--(cont.)

... CALCIUM ISOTOPES
 ... CARBON ISOTOPES
 ... CARBON 12
 ... CARBON 13
 ... CARBON 14
 ... CERIUM ISOTOPES
 ... CERIUM 137
 ... CERIUM 144
 ... CESIUM ISOTOPES
 ... CESIUM 133
 ... CESIUM 134
 ... CESIUM 137
 ... CESIUM 144
 ... CESIUM VAPOR
 ... CHROMIUM ISOTOPES
 ... COBALT ISOTOPES
 ... COBALT 58
 ... COBALT 60
 ... DYSPROSIUM ISOTOPES
 ... ERBIUM ISOTOPES
 ... EUROPIUM ISOTOPES
 ... FLUORINE ISOTOPES
 ... GADOLINIUM ISOTOPES
 ... GALLIUM ISOTOPES
 ... GERMANIUM ISOTOPES
 ... GOLD ISOTOPES
 ... GOLD 198
 ... HAFNIUM ISOTOPES
 ... HELIUM ISOTOPES
 ... HOLMIUM ISOTOPES
 ... HYDROGEN ISOTOPES
 ... DEUTERIUM
 ... HYDROGEN 4
 ... TRITIUM
 ... IODINE ISOTOPES
 ... IODINE 125
 ... IODINE 131
 ... IODINE 132
 ... IRIDIUM ISOTOPES
 ... IRON ISOTOPES
 ... IRON 57
 ... IRON 58
 ... IRON 59
 ... KRYPTON ISOTOPES
 ... KRYPTON 85
 ... LANTHANUM ISOTOPES
 ... LEAD ISOTOPES
 ... LITHIUM ISOTOPES
 ... LUTETIUM
 ... LUTETIUM ISOTOPES
 ... MANGANESE ISOTOPES
 ... MERCURY ISOTOPES
 ... MOLYBDENUM ISOTOPES
 ... NEODYMIUM ISOTOPES
 ... NEON ISOTOPES
 ... NICKEL ISOTOPES
 ... NIOBIUM ISOTOPES
 ... NIOBIUM 95
 ... NITROGEN ISOTOPES
 ... NITROGEN 15
 ... NITROGEN 16
 ... NOBELIUM ISOTOPES
 ... OXYGEN ISOTOPES
 ... OXYGEN 18
 ... PALLADIUM ISOTOPES
 ... PHOSPHORUS ISOTOPES
 ... PHOSPHORUS 32
 ... PLATINUM ISOTOPES
 ... POLONIUM ISOTOPES
 ... POLONIUM 208
 ... POLONIUM 209
 ... POLONIUM 210
 ... POTASSIUM ISOTOPES
 ... POTASSIUM 38
 ... POTASSIUM 39
 ... POTASSIUM 40
 ... PRASEODYMIUM ISOTOPES
 ... PROMETHIUM ISOTOPES
 ... PROTACTINIUM ISOTOPES
 ... RADIOACTIVE ISOTOPES
 ... ASTATINE ISOTOPES
 ... BERYLLIUM 7
 ... BERYLLIUM 9
 ... BERYLLIUM 10
 ... CARBON 14
 ... CERIUM 137
 ... CERIUM 144
 ... CESIUM 134
 ... CESIUM 137
 ... CESIUM 144
 ... COBALT 58
 ... COBALT 60
 ... GOLD 198
 ... INDIUM ISOTOPES
 ... IODINE 125

NUCLIDES--(cont.)

... IODINE 131
 ... IODINE 132
 ... IRON 59
 ... KRYPTON 85
 ... NIOBIUM 95
 ... NITROGEN 16
 ... PHOSPHORUS 32
 ... POLONIUM 208
 ... POLONIUM 209
 ... POLONIUM 210
 ... POTASSIUM 38
 ... POTASSIUM 40
 ... RUBIDIUM 86
 ... SODIUM 22
 ... SODIUM 24
 ... STRONTIUM 85
 ... STRONTIUM 88
 ... STRONTIUM 89
 ... STRONTIUM 90
 ... TRANSURANIAN ELEMENTS
 ... AMERICIUM
 ... AMERICIUM ISOTOPES
 ... AMERICIUM 241
 ... BERKELIUM
 ... CALIFORNIUM
 ... CALIFORNIUM ISOTOPES
 ... CURIUM
 ... CURIUM ISOTOPES
 ... CURIUM 242
 ... CURIUM 244
 ... EINSTEINIUM
 ... FERMIUM
 ... LAWRENCIUM
 ... MENDELEVIUM
 ... NEPTUNIUM
 ... NEPTUNIUM ISOTOPES
 ... NOBELIUM
 ... PLUTONIUM
 ... PLUTONIUM ISOTOPES
 ... PLUTONIUM 238
 ... PLUTONIUM 239
 ... PLUTONIUM 240
 ... PLUTONIUM 241
 ... PLUTONIUM 244
 ... SERGENIUM
 ... TRITIUM
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 238
 ... XENON 133
 ... XENON 135
 ... ZIRCONIUM 95
 ... RADIUM ISOTOPES
 ... RADIUM 226
 ... RADON ISOTOPES
 ... RHENIUM ISOTOPES
 ... RHODIUM ISOTOPES
 ... RUBIDIUM ISOTOPES
 ... RUBIDIUM 86
 ... RUTHENIUM ISOTOPES
 ... SCANDIUM ISOTOPES
 ... SELENIUM ISOTOPES
 ... SILVER ISOTOPES
 ... SODIUM ISOTOPES
 ... SODIUM 22
 ... SODIUM 24
 ... STRONTIUM ISOTOPES
 ... STRONTIUM 85
 ... STRONTIUM 87
 ... STRONTIUM 89
 ... STRONTIUM 90
 ... TANTALUM ISOTOPES
 ... TELLURIUM
 ... TELLURIUM ISOTOPES
 ... TERBIUM ISOTOPES
 ... THORIUM ISOTOPES
 ... THULIUM ISOTOPES
 ... TIN ISOTOPES
 ... TITANIUM ISOTOPES
 ... URANIUM ISOTOPES
 ... URANIUM 232
 ... URANIUM 233
 ... URANIUM 234
 ... URANIUM 235
 ... URANIUM 238
 ... VANADIUM ISOTOPES
 ... XENON ISOTOPES
 ... XENON 129
 ... XENON 133
 ... XENON 135
 ... YTTRIUM ISOTOPES
 ... ZINC ISOTOPES
 ... ZIRCONIUM ISOTOPES
 ... ZIRCONIUM 95
 RT ISOTOPIC ENRICHMENT

NUCLIDES--(cont.)

NUCLEAR ISOBARS
 PARTICLE MASS

NULL HYPOTHESIS

GS HYPOTHESES
 RT NULL HYPOTHESIS
 CONFIDENCE LIMITS
 DEGREES OF FREEDOM
 SIGNIFICANCE
 STATISTICAL TESTS

NULL ZONES

GS REGIONS
 RT NULL ZONES
 DIFFRACTION PATTERNS
 FIELD THEORY (PHYSICS)
 FORCE
 INTERFEROMETRY
 RADIATION DISTRIBUTION
 SPECKLE INTERFEROMETRY
 VERY LONG BASE INTERFEROMETRY

NUMBER THEORY

GS NUMBER THEORY
 ADDITION THEOREM
 ARITHMETIC
 DOUBLE PRECISION ARITHMETIC
 FIXED POINT ARITHMETIC
 FLOATING POINT ARITHMETIC
 CONGRUENCES
 DIOPHANTINE EQUATION
 DIVIDING (MATHEMATICS)
 EXPONENTS
 INDUCTION (MATHEMATICS)
 INTEGERS
 MULTIPLICATION
 SUBTRACTION
 RT ADDITION
 COMBINATORIAL ANALYSIS
 DECIMALS
 DIGITS
 DIVISION
 ENUMERATION
 FIBONACCI NUMBERS
 FUNCTIONS (MATHEMATICS)
 INDUCTION
 INFINITY
 MATHEMATICS
 NUMBERS
 QUATERNIONS
 SUBGROUPS
 THEORIES
 UNIQUENESS THEOREM

NUMBERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ALPHANUMERIC CHARACTERS
 BIOT NUMBER
 COMPLEX NUMBERS
 COUNTING
 DAMKOHLE NUMBER
 DECIMALS
 DIGITS
 DIMENSIONLESS NUMBERS
 DOUBLE PRECISION ARITHMETIC
 FIBONACCI NUMBERS
 INTEGERS
 NUMBER THEORY
 QUANTUM NUMBERS
 RANDOM NUMBERS
 REAL NUMBERS

NUMERICAL ANALYSIS

GS ANALYSIS (MATHEMATICS)
 NUMERICAL ANALYSIS
 APPROXIMATION
 BORN APPROXIMATION
 BORN-OPPENHEIMER
 APPROXIMATION
 CHEBYSHEV APPROXIMATION
 EDDINGTON APPROXIMATION
 ESSENTIALLY NON-OSCILLATORY
 SCHEMES
 FINITE DIFFERENCE THEORY
 FINITE ELEMENT METHOD
 HARTREE APPROXIMATION
 LEAST SQUARES METHOD
 MEAN SQUARE VALUES
 MILNE METHOD
 MULTIGRID METHODS
 NEWTON METHODS
 NEWTON-RAPHSON METHOD

NUMERICAL ANALYSIS--(cont.)

- ... NUMERICAL DIFFERENTIATION
- ... OSEEN APPROXIMATION
- ... PADE APPROXIMATION
- ... PARTICLE IN CELL TECHNIQUE
- ... POHLHAUSEN METHOD
- ... PREDICTOR-CORRECTOR METHODS
- ... RAYLEIGH-RITZ METHOD
- ... RELAXATION METHOD (MATHEMATICS)
- ... RITZ AVERAGING METHOD
- ... SCHWARTZ METHOD
- ... SOMMERFELD APPROXIMATION
- ... TVD SCHEMES
- ... UPWIND SCHEMES (MATHEMATICS)
- ... VORTEX IN CELL TECHNIQUE
- ... BOUNDARY INTEGRAL METHOD
- ... COMPUTATIONAL CHEMISTRY
- ... COMPUTATIONAL FLUID DYNAMICS
- ... DIFFERENCE EQUATIONS
- ... ERROR ANALYSIS
- ... FINITE VOLUME METHOD
- ... FLUX VECTOR SPLITTING
- ... GLIMM METHOD
- ... GRAEFF CALCULUS
- ... INTERPOLATION
- ... ITERATION
- ... CONJUGATE GRADIENT METHOD
- ... ITERATIVE SOLUTION
- ... NEWTON METHODS
- ... PREDICTOR-CORRECTOR METHODS
- ... MONTE CARLO METHOD
- ... NOMOGRAPHS
- ... NUMERICAL INTEGRATION
- ... RUNGE-KUTTA METHOD
- ... TRUNCATION ERRORS
- RT ADJOINTS
- ALGORITHMS
- ALTERNATING DIRECTION IMPLICIT METHODS
- ∞ ANALYZING
- ∞ APPLICATIONS OF MATHEMATICS
- ASYMPTOTES
- COMPUTATIONAL GRIDS
- COMPUTER PROGRAMMING
- CRANK-NICHOLSON METHOD
- DIFFERENTIAL EQUATIONS
- ISOPARAMETRIC FINITE ELEMENTS
- LINEAR PROGRAMMING
- MATHEMATICAL TABLES
- ∞ MATHEMATICS
- ∞ METHOD OF MOMENTS
- SIGNIFICANCE
- SPATIAL MARCHING
- TIME MARCHING
- TRAJECTORY ANALYSIS

NUMERICAL CONTROL

- UF COMPUTERIZED CONTROL
- GS AUTOMATIC CONTROL
- ... **NUMERICAL CONTROL**
- RT ∞ AUTOMATION
- COMPUTER PROGRAMS
- ∞ CONTROL
- CONTROL SYSTEMS DESIGN
- DIGITAL COMMAND SYSTEMS
- DIGITAL TECHNIQUES
- ELECTRIC CONTROL
- INTERACTIVE CONTROL
- MACHINE TOOLS
- PRODUCTION ENGINEERING
- SEQUENTIAL CONTROL
- STANDARDIZATION

NUMERICAL DATA BASES

- GS INFORMATION SYSTEMS
- ... **NUMERICAL DATA BASES**
- RT INFORMATION RETRIEVAL
- ON-LINE SYSTEMS

NUMERICAL DIFFERENTIATION

- GS ANALYSIS (MATHEMATICS)
- ... NUMERICAL ANALYSIS
- ... APPROXIMATION
- ... **NUMERICAL DIFFERENTIATION**
- ... REAL VARIABLES
- ... **NUMERICAL DIFFERENTIATION**
- RT ALGORITHMS
- COMPUTER TECHNIQUES
- DIFFERENTIAL CALCULUS
- DIFFERENTIAL EQUATIONS
- ESTIMATING
- FUNCTIONS (MATHEMATICS)
- ∞ THEORIES

NUMERICAL FLOW VISUALIZATION

- GS FLOW VISUALIZATION
- ... **NUMERICAL FLOW VISUALIZATION**
- RT FLOW DISTRIBUTION
- HYDRAULIC ANALOGIES
- SCIENTIFIC VISUALIZATION

NUMERICAL INTEGRATION

- UF COWELL METHOD
- GS ANALYSIS (MATHEMATICS)
- ... NUMERICAL ANALYSIS
- ... **NUMERICAL INTEGRATION**
- ... RUNGE-KUTTA METHOD
- ... REAL VARIABLES
- ... MEASURE AND INTEGRATION
- ... **NUMERICAL INTEGRATION**
- ... RUNGE-KUTTA METHOD
- RT DIFFERENTIAL EQUATIONS
- DIGITAL INTEGRATORS
- INTEGRAL CALCULUS

NUMERICAL STABILITY

- RT APPROXIMATION
- BACKWARD DIFFERENCING
- DIFFERENCE EQUATIONS
- DIFFERENTIAL EQUATIONS
- STRANGE ATTRACTORS

NUMERICAL WEATHER FORECASTING

- GS FORECASTING
- ... WEATHER FORECASTING
- ... **NUMERICAL WEATHER FORECASTING**
- METEOROLOGY
- ... WEATHER FORECASTING
- ... **NUMERICAL WEATHER FORECASTING**
- RT ATMOSPHERIC GENERAL CIRCULATION
- MODELS
- ATMOSPHERIC MODELS
- AVIATION METEOROLOGY
- COMPUTERIZED SIMULATION
- LONG RANGE WEATHER FORECASTING
- MATHEMATICAL MODELS
- STATISTICAL WEATHER FORECASTING

NUNATAKS

- GS LANDFORMS
- ... ISLANDS
- ... **NUNATAKS**
- RT ARCTIC REGIONS
- ROCKS
- SEA ICE

NUSSELT NUMBER

- GS RATIOS
- ... DIMENSIONLESS NUMBERS
- ... **NUSSELT NUMBER**
- RT CONVECTIVE HEAT TRANSFER
- HEAT TRANSFER
- PRANDTL NUMBER
- SCHMIDT NUMBER

NUTATION

- UF NUTATIONAL OSCILLATION
- GS **NUTATION**
- ... CHANDLER WOBBLE
- RT ACTUATION
- DISPLACEMENT
- ∞ DYNAMICS
- EARTH ORIENTATION
- KINEMATICS
- LIBRATION
- ∞ MOTION
- PERTURBATION
- POLAR WANDERING (GEOLOGY)
- PRECESSION
- ROTATION
- VIBRATION

NUTATION DAMPERS

- RT CONTROL MOMENT GYROSCOPES
- ∞ DAMPERS
- OSCILLATION DAMPERS
- SPACECRAFT STABILITY

NUTATIONAL OSCILLATION

- USE NUTATION

∞ NUTRIENTS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AQUICULTURE

NUTRIENTS--(cont.)

- CALORIC REQUIREMENTS
- CARBOHYDRATES
- EUTROPHICATION
- FATS
- FATTY ACIDS
- FISHES
- LIFE SUPPORT SYSTEMS
- LIPID METABOLISM
- LIPIDS
- MINERALS
- NUTRITION
- NUTRITIONAL REQUIREMENTS
- PROTEINS
- TRACE ELEMENTS
- VITAMINS

NUTRITION

- RT BIOCHEMISTRY
- BROTHS
- CALORIC REQUIREMENTS
- DIETS
- ∞ FOOD
- METABOLISM
- NITROGEN METABOLISM
- ∞ NUTRIENTS
- NUTRITIONAL REQUIREMENTS
- SPACE FLIGHT FEEDING

NUTRITIONAL REQUIREMENTS

- GS **NUTRITIONAL REQUIREMENTS**
- ... CALORIC REQUIREMENTS
- RT ATROPHY
- ∞ NUTRIENTS
- NUTRITION
- SPACE FLIGHT FEEDING
- SYNTHETIC FOOD

NUTS (FASTENERS)

- GS FASTENERS
- ... **NUTS (FASTENERS)**
- RT ANCHORS (FASTENERS)
- BOLTS
- HOLDERS
- SCREWS
- THREADS

NUTS (FRUITS)

- RT ANGIOSPERMS
- ORCHARDS
- SEEDS

NYLON (TRADEMARK)

- GS FIBERS
- ... SYNTHETIC FIBERS
- ... **NYLON (TRADEMARK)**
- RT POLYMERIC FILMS
- ∞ POLYMERS

NYLON RESINS

- USE POLYAMIDE RESINS

NYQUIST DIAGRAM

- GS DIAGRAMS
- ... **NYQUIST DIAGRAM**
- RT CONTROL STABILITY
- TRANSFER FUNCTIONS

NYQUIST FREQUENCIES

- GS FREQUENCIES
- ... **NYQUIST FREQUENCIES**
- RT LINEAR RECEIVERS

NYSTAGMUS

- GS EYE MOVEMENTS
- ... **NYSTAGMUS**
- ... VESTIBULAR NYSTAGMUS
- RT ELECTRONYSTAGMOGRAPHY
- EYE (ANATOMY)

O**O RING SEALS**

- GS SEALS (STOPPERS)
- ... **O RING SEALS**
- RT GASKETS
- GLANDS (SEALS)
- HERMETIC SEALS
- LABYRINTH SEALS
- ∞ RINGS
- SPACE SHUTTLE BOOSTERS

O STARS

GS CELESTIAL BODIES
 . STARS
 . . . EARLY STARS
 HOT STARS
 **O STARS**
 RT BLUE STARS
 WOLF-RAYET STARS

OAK RIDGE ISOCRONOUS CYCLOTRON

UF ORIC CYCLOTRON
 GS PARTICLE ACCELERATORS
 . CYCLOTRONS
 . . **OAK RIDGE ISOCRONOUS CYCLOTRON**

OAO

UF ORBITING ASTRONOMICAL
 OBSERVATORY
 S-18 SATELLITE
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **OAO**
 OAO 1
 OAO 2
 OAO 3
 RT AGENA B ROCKET VEHICLE
 ATLAS LAUNCH VEHICLES
 HEAO
 HEAO 1
 HEAO 2
 HEAO 3
 MANNED ORBITAL TELESCOPES

OAO 1

UF OAO-A
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OAO
 **OAO 1**
 RT ATLAS CENTAUR LAUNCH VEHICLE

OAO 2

UF OAO-A2
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OAO
 **OAO 2**
 RT ATLAS CENTAUR LAUNCH VEHICLE

OAO 3

UF COPERNICUS SPACECRAFT
 OAO-C
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OAO
 **OAO 3**
 RT ATLAS CENTAUR LAUNCH VEHICLE

OAO-A

USE OAO 1

OAO-A2

USE OAO 2

OAO-C

USE OAO 3

OASES

RT AQUIFERS
 ARID LANDS
 DESERTIFICATION
 DESERTS
 POTABLE WATER
 SPRINGS (WATER)
 VEGETATION
 WELLS

OATS

GS FARM CROPS
 . GRAINS (FOOD)
 . . **OATS**
 . . . PLANTS (BOTANY)
 **OATS**
 RT AGRICULTURE
 BOTANY
 CROP GROWTH
 CROP VIGOR
 CURING
 EARTH RESOURCES

OATS--(cont.)

∞ FOOD
 GRASSES
 IRRIGATION
 SEEDS

OBERON

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . URANUS SATELLITES
 . . . **OBERON**
 RT URANUS (PLANET)

OBESITY

RT BODY FLUIDS
 BODY MEASUREMENT (BIOLOGY)
 BODY SIZE (BIOLOGY)
 BODY VOLUME (BIOLOGY)
 BODY WEIGHT
 METABOLISM

OBJECT PROGRAMS

GS COMPUTER PROGRAMS
 . **OBJECT PROGRAMS**

OBJECT-ORIENTED PROGRAMMING

GS SOFTWARE ENGINEERING
 . COMPUTER PROGRAMMING
 . . **OBJECT-ORIENTED PROGRAMMING**
 RT ADA (PROGRAMMING LANGUAGE)
 C++ (PROGRAMMING LANGUAGE)

OBLATE SPHEROIDS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . SPHEROIDS
 **OBLATE SPHEROIDS**
 RT ELLIPTICITY
 FINENESS RATIO
 FLATTENING
 GEODESY
 GEOIDS
 PROLATE SPHEROIDS
 SHAPES
 SOLAR OBLATENESS

OBLIQUE COORDINATES

GS COORDINATES
 . **OBLIQUE COORDINATES**
 RT CARTESIAN COORDINATES

OBLIQUE SHOCK WAVES

GS ELASTIC WAVES
 . SHOCK WAVES
 . . **OBLIQUE SHOCK WAVES**
 RT MAGNETOHYDRODYNAMIC WAVES
 NORMAL SHOCK WAVES
 SHOCK LAYERS
 SUPERSONIC COMPRESSORS

OBLIQUE WINGS

GS AIRFOILS
 . WINGS
 . . **OBLIQUE WINGS**
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES
 DRONE AIRCRAFT
 PILOTLESS AIRCRAFT
 REMOTELY PILOTED VEHICLES
 WING PLANFORMS

OBLIQUENESS

RT ANGLES (GEOMETRY)
 INCIDENT RADIATION

OBSCURATION

USE OCCULTATION

OBSERVABILITY (SYSTEMS)

RT BOUNDARY VALUE PROBLEMS
 CONTROL THEORY
 DEPENDENT VARIABLES
 FEEDBACK CONTROL
 INDEPENDENT VARIABLES
 OBSERVATION
 PARAMETER IDENTIFICATION
 STATE VECTORS
 SYSTEM IDENTIFICATION
 ∞ SYSTEMS
 SYSTEMS ANALYSIS
 SYSTEMS ENGINEERING

OBSERVATION

GS **OBSERVATION**
 . EARTH OBSERVATIONS (FROM SPACE)
 . . SATELLITE OBSERVATION
 . . SKY SURVEYS (ASTRONOMY)
 . . SPACE OBSERVATIONS (FROM EARTH)
 . . VISUAL OBSERVATION
 RT COUNTING
 DATA ACQUISITION
 DETECTION
 EVALUATION
 EXAMINATION
 FOREST FIRE DETECTION
 OBSERVABILITY (SYSTEMS)
 ∞ PERFORMANCE
 RADIO OBSERVATION
 RECONNAISSANCE
 SURVEILLANCE

OBSERVATION AIRCRAFT

GS **OBSERVATION AIRCRAFT**
 . A-2 AIRCRAFT
 . BREGUET 1150 AIRCRAFT
 . CESSNA L-19 AIRCRAFT
 . CL-84 AIRCRAFT
 . E-2 AIRCRAFT
 . F-5 AIRCRAFT
 . G-91 AIRCRAFT
 . G-95/4 AIRCRAFT
 . MIRAGE AIRCRAFT
 . MIRAGE 3 AIRCRAFT
 . OH-4 HELICOPTER
 . OH-5 HELICOPTER
 . OH-6 HELICOPTER
 . OV-1 AIRCRAFT
 . OV-10 AIRCRAFT
 . P-1127 AIRCRAFT
 . P-1154 AIRCRAFT
 . RB-50 AIRCRAFT
 . RF-4 AIRCRAFT
 . TSR-2 AIRCRAFT
 . U-2 AIRCRAFT
 RT ∞ AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 ARC CLOUDS
 BALLOONS
 FLYING PLATFORMS
 GLIDERS
 HS-801 AIRCRAFT
 KUIPER AIRBORNE OBSERVATORY
 LIGHT AIRCRAFT
 LIGHT HELICOPTERS
 ∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 TERRAIN FOLLOWING AIRCRAFT
 UTILITY AIRCRAFT
 WEATHER RECONNAISSANCE AIRCRAFT

OBSERVATORIES

GS **OBSERVATORIES**
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . ASTRONOMICAL NETHERLANDS
 SATELLITE
 GAMMA RAY OBSERVATORY
 GINGA SATELLITE
 HEAO
 HEAO 1
 HEAO 2
 HEAO 3
 HUBBLE SPACE TELESCOPE
 INFRARED ASTRONOMY SATELLITE
 INFRARED SPACE OBSERVATORY
 (ISO)
 IUE
 LARGE DEPLOYABLE REFLECTOR
 MAGELLAN ULTRAVIOLET
 ASTRONOMY SATELLITE
 OAO
 OAO 1
 OAO 2
 OAO 3
 OSO
 AOSO
 OSO-1
 OSO-2
 OSO-3
 OSO-4
 OSO-5
 OSO-6
 OSO-7
 OSO-8
 QUASAT
 SAS
 EXPLORER 53 SATELLITE

OBSERVATORIES--(cont.)

. . . . SAS-1
 SAS-2
 SAS-3
 . . . SPACE INFRARED TELESCOPE
 FACILITY
 . . . SPARTAN SATELLITES
 . . . TENMA SATELLITE
 . . . X RAY ASTROPHYSICS FACILITY
 . . . ASTROPLANE
 . . . ROSAT MISSION
 . . . SOFIA (AIRBORNE OBSERVATORY)
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . EGO
 . . . OGO-A
 . . . OGO-3
 . . . OGO-5
 . . . POGO
 . . . OGO-C
 . . . OGO-4
 . . . OGO-6
 . . . OSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 . . . JODRELL BANK OBSERVATORY
 . . . KUIPER AIRBORNE OBSERVATORY
 . . . LUNAR OBSERVATORIES
 . . . SOLAR OBSERVATORIES
 . . . OSO
 . . . AOSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 . . . PINHOLE OCCULTER FACILITY
 RT ARTIFICIAL SATELLITES

OBSIDIAN

GS ROCKS
 . . . IGNEOUS ROCKS
 . . . **OBSIDIAN**
 MOLDAVITE
 RT GLASS
 . . . MINERALS
 . . . POWDER (PARTICLES)
 . . . PUMICE
 . . . SILICON DIOXIDE
 . . . SOILS

OBSIDIAN GLASS

GS GLASS
 . . . **OBSIDIAN GLASS**

OBSTACLE AVOIDANCE

RT AIRCRAFT MANEUVERS
 . . . EVASIVE ACTIONS
 . . . TACTICS
 . . . VULNERABILITY

OBSTACLES

USE BARRIERS

OBSTRUCTING

USE BLOCKING

OCCIPITAL LOBES

GS ANATOMY
 . . . NERVOUS SYSTEM
 . . . CENTRAL NERVOUS SYSTEM
 . . . BRAIN
 . . . CEREBRUM
 **OCCIPITAL LOBES**

OCCCLUSION

RT DEGASSING
 . . . GAS-METAL INTERACTIONS
 . . . GAS-SOLID INTERFACES
 . . . SOLIDIFICATION

OCCULTATION

UF OBSCURATION
 GS **OCCULTATION**

OCCULTATION--(cont.)

. . . LUNAR OCCULTATION
 . . . SOLAR ECLIPSES
 . . . RADIO OCCULTATION
 . . . STELLAR OCCULTATION
 RT ∞ CONJUNCTION
 . . . ECLIPSES
 . . . EXTINGUISHING
 . . . PINHOLE OCCULTER FACILITY
 ∞ TRANSIT

OCCUPATION

RT INDUSTRIAL SAFETY
 . . . PERSONNEL
 . . . WORK

OCCUPATIONAL DISEASES

GS DISEASES
 . . . **OCCUPATIONAL DISEASES**
 RT ANEMIAS
 . . . CARBON MONOXIDE POISONING
 . . . CATARACTS
 . . . EMPHYSEMA
 . . . HAZARDS
 . . . HEALTH PHYSICS
 . . . LEAD POISONING
 . . . LEUKEMIAS
 . . . OPERATIONAL HAZARDS
 . . . PUBLIC HEALTH
 . . . PULMONARY LESIONS
 . . . RADIATION HAZARDS
 . . . TOXIC HAZARDS
 . . . TUMORS

OCCURRENCES

RT EVENTS

OCEAN BOTTOM

RT BEDS (GEOLOGY)
 . . . CONTINENTAL SHELVES
 . . . CORE SAMPLING
 . . . CRATONS
 . . . DEEP WATER
 . . . GEOLOGY
 . . . MARINE CHEMISTRY
 . . . MID-OCEAN RIDGES
 . . . MUD
 . . . OCEANOGRAPHY
 . . . SEA FLOOR SPREADING
 . . . SEAMOUNTS
 . . . SEDIMENTS
 . . . SLUDGE
 . . . UNDERWATER RESOURCES

OCEAN COLOR SCANNER

GS SCANNERS
 . . . **OCEAN COLOR SCANNER**
 RT CHLOROPHYLLS
 . . . COASTAL WATER
 . . . COASTAL ZONE COLOR SCANNER
 . . . COLORIMETRY
 . . . MULTISPECTRAL BAND SCANNERS
 . . . OCEAN DATA ACQUISITIONS SYSTEMS
 . . . OCEANOGRAPHIC PARAMETERS
 . . . OCEANOGRAPHY
 . . . PHOTOMAPPING
 . . . REMOTE SENSORS
 . . . WATER COLOR

OCEAN CURRENTS

GS CIRCULATION
 . . . WATER CIRCULATION
 WATER CURRENTS
 **OCEAN CURRENTS**
 COASTAL CURRENTS
 EL NINO
 GULF STREAM
 LOMONOSOV CURRENT
 RT CORE SAMPLING
 ∞ CURRENTS
 . . . FLUID FLOW
 . . . FRONTAL WAVES
 . . . GYRES
 . . . HYDROGRAPHY
 . . . LITTORAL DRIFT
 . . . LITTORAL TRANSPORT
 . . . OCEAN DYNAMICS
 . . . OCEANOGRAPHY
 . . . OCEANS
 . . . PRESSURE ICE
 . . . SALINITY
 . . . SPITSBERGEN (NORWAY)
 . . . TIDAL WAVES
 . . . TIDE POWERED GENERATORS
 . . . TIDE POWERED MACHINES

OCEAN CURRENTS--(cont.)

TIDEPOWER
 TIDES
 TOPEX
 UPWELLING WATER
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES

OCEAN DATA ACQUISITIONS SYSTEMS

UF OCEAN DATA PLATFORMS
 . . . OCEAN DATA STATIONS
 . . . ODAS
 RT ARGOS SYSTEM
 . . . AUTOMATIC WEATHER STATIONS
 . . . BUOYS
 . . . COASTAL ZONE COLOR SCANNER
 ∞ DATA
 . . . DATA ACQUISITION
 . . . GROUND STATIONS
 . . . INSTRUMENT PACKAGES
 . . . METEOROLOGICAL PARAMETERS
 . . . OCEAN COLOR SCANNER
 . . . OCEANOGRAPHIC PARAMETERS
 . . . SHIPS
 . . . TRANSOCEANIC SYSTEMS
 . . . UNDERWATER RESEARCH
 . . . LABORATORIES
 . . . WEATHER STATIONS

OCEAN DATA PLATFORMS

USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DATA STATIONS

USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DYNAMICS

RT AIR WATER INTERACTIONS
 . . . DYNAMIC CHARACTERISTICS
 ∞ DYNAMICS
 . . . FLUID DYNAMICS
 . . . HYDRODYNAMICS
 . . . OCEAN CURRENTS
 . . . OCEAN MODELS
 . . . OCEAN SURFACE
 . . . OCEANOGRAPHY
 . . . WATER WAVES

OCEAN FLOOR SPREADING

USE SEA FLOOR SPREADING

OCEAN MODELS

GS MODELS
 . . . **OCEAN MODELS**
 RT AIR WATER INTERACTIONS
 . . . ATMOSPHERIC MODELS
 . . . DYNAMIC MODELS
 . . . MARINE ENVIRONMENTS
 . . . MATHEMATICAL MODELS
 . . . OCEAN DYNAMICS
 . . . OCEANOGRAPHY
 . . . SARGASSO SEA
 . . . SEA ROUGHNESS
 . . . SEA STATES

OCEAN SURFACE

RT EARTH SURFACE
 . . . FLUID FLOW
 . . . HYDROGRAPHY
 . . . OCEAN DYNAMICS
 . . . OCEANOGRAPHIC PARAMETERS
 . . . OCEANOGRAPHY
 . . . SARGASSO SEA
 . . . SEA LEVEL
 . . . SEA ROUGHNESS
 . . . SEA STATES
 . . . SEA SURFACE TEMPERATURE
 . . . SEA TRUTH
 . . . SEA WATER
 . . . STORM SURGES
 ∞ SURFACES
 . . . TIDAL WAVES
 . . . TIDE POWERED GENERATORS
 . . . TIDE POWERED MACHINES
 . . . TIDEPOWER
 . . . TIDES
 . . . TOPEX
 . . . WATERWAVE ENERGY CONVERSION
 . . . WATERWAVE POWERED MACHINES

OCEAN TEMPERATURE

GS OCEANOGRAPHIC PARAMETERS
 . . . **OCEAN TEMPERATURE**
 . . . SEA SURFACE TEMPERATURE
 . . . TEMPERATURE
 . . . WATER TEMPERATURE

OCEAN TEMPERATURE--(cont.)

OCEAN TEMPERATURE
 . . . SEA SURFACE TEMPERATURE
 RT EL NINO
 OCEANOGRAPHY
 OCEANS
 OFFSHORE ENERGY SOURCES
 SEA STATES
 SEA TRUTH
 SEA WATER
 SEAS
 SOLAR SEA POWER PLANTS
 SURFACE TEMPERATURE
 TEMPERATURE DISTRIBUTION
 TEMPERATURE GRADIENTS
 THERMAL POLLUTION

OCEAN THERMAL ENERGY CONVERSION

GS ENERGY CONVERSION
 . **OCEAN THERMAL ENERGY CONVERSION**
 RT ∞ CONVERSION
 ∞ ENERGY SOURCES
 GEOTHERMAL ENERGY CONVERSION
 GEOTHERMAL TECHNOLOGY
 SOLAR SEA POWER PLANTS
 TEMPERATURE

OCEANOGRAPHIC PARAMETERS

GS **OCEANOGRAPHIC PARAMETERS**
 . OCEAN TEMPERATURE
 . . SEA SURFACE TEMPERATURE
 RT ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 COASTAL ZONE COLOR SCANNER
 INTEGRATED GLOBAL OCEAN STATION
 SYSTEMS
 METEOROLOGICAL PARAMETERS
 OCEAN COLOR SCANNER
 OCEAN DATA ACQUISITIONS SYSTEMS
 OCEAN SURFACE
 SALINITY
 SEA STATES

OCEANOGRAPHY

RT ARTIFICIAL HARBORS
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 BATHYMETERS
 BAY ICE
 BREAKWATERS
 COASTAL CURRENTS
 COASTAL ZONE COLOR SCANNER
 CORE SAMPLING
 DEEP SCATTERING LAYERS
 DEEP WATER
 DEEPWATER TERMINALS
 EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 EARTH PLANETARY STRUCTURE
 EARTH RESOURCES
 EARTH SCIENCES
 ENVIRONMENTAL MONITORING
 EROS (SATELLITES)
 ESTUARIES
 FIORDS
 FRONTAL WAVES
 GARP ATLANTIC TROPICAL EXPERIMENT
 GEOGRAPHY
 GEOLOGY
 GEOPHYSICS
 GYRES
 HARBORS
 HYDROCLIMATOLOGY
 HYDROGRAPHY
 HYDROLOGY
 ICE FLOES
 ICE MAPPING
 ISTHMUSES
 LANDSAT SATELLITES
 MARINE BIOLOGY
 MARINE ENVIRONMENTS
 MARINE METEOROLOGY
 MARINE RESOURCES
 MARINE TECHNOLOGY
 MARSHLANDS
 METEOROLOGY
 MID-OCEAN RIDGES
 OCEAN BOTTOM
 OCEAN COLOR SCANNER
 OCEAN CURRENTS
 OCEAN DYNAMICS
 OCEAN MODELS
 OCEAN SURFACE
 OCEAN TEMPERATURE

OCEANOGRAPHY--(cont.)

OCEANS
 OFFSHORE DOCKING
 OFFSHORE PLATFORMS
 OIL SLICKS
 PELAGIC ZONE
 ∞ PHYSICAL SCIENCES
 RED TIDE
 REEFS
 SARGASSO SEA
 ∞ SCIENCE
 SEA GRASSES
 SEA ICE
 SEA LEVEL
 SEA ROUGHNESS
 SEA STATES
 SEA SURFACE TEMPERATURE
 SEA WATER
 SEAS
 SEASAT PROGRAM
 SEASAT SATELLITES
 SEASAT 1
 SEASAT-B SATELLITE
 SEAWEEDES
 SHALLOW WATER
 SHIPYARDS
 SHOALS
 SHORELINES
 STORM SURGES
 TANKER TERMINALS
 THERMOCLINES
 TIDAL WAVES
 TIDE POWERED GENERATORS
 TIDEPower
 TIDES
 TOPEX
 TOPOGRAPHY
 UNDERWATER RESEARCH
 LABORATORIES
 UNDERWATER RESOURCES
 WATER CIRCULATION
 WATER CURRENTS
 WATERFOWL
 WATERWAVE ENERGY
 WATERWAVE ENERGY CONVERSION
 WETLANDS

OCEANS

GS **OCEANS**
 . ANTARCTIC OCEAN
 . ARCTIC OCEAN
 . ATLANTIC OCEAN
 . INDIAN OCEAN
 . PACIFIC OCEAN
 RT COASTAL CURRENTS
 COASTAL WATER
 COASTS
 DEEP WATER
 EARTH HYDROSPHERE
 GEOGRAPHY
 KEYS (ISLANDS)
 MARINE RESOURCES
 NEARSHORE WATER
 OCEAN CURRENTS
 OCEAN TEMPERATURE
 OCEANOGRAPHY
 SEAS
 SEAWEEDES
 SHALLOW WATER
 SHOALS
 SHORELINES
 SOUNDS (TOPOGRAPHIC FEATURES)
 THERMAL POLLUTION
 TIDAL FLATS
 TIDE POWERED GENERATORS
 WATER COLOR
 WATER DEPTH
 WATER RESOURCES
 WATERWAVE ENERGY CONVERSION

OCTAHEDRAL RESEARCH SATELLITES

USE ENVIRONMENTAL RESEARCH
 SATELLITES

OCTAHEDRITE

USE ANATASE

OCTAHEDRONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYHEDRONS
 . . . **OCTAHEDRONS**

∞ OCTANE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ANTIKNOCK ADDITIVES
 OCTANES

OCTANE NUMBER

RT GASOLINE

OCTANES

SN (ACYCLIC HYDROCARBONS)
 GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 **OCTANES**
 RT ANTIKNOCK ADDITIVES
 ∞ OCTANE

OCTAVES

GS RANGE (EXTREMES)
 . FREQUENCY RANGES
 . . **OCTAVES**
 RT ACOUSTICS
 MUSIC

OCTETS

GS VALENCE
 . **OCTETS**
 RT ATOMIC STRUCTURE
 CHEMICAL BONDS

OCTOATES

GS ESTERS
 . **OCTOATES**

OCTOL (EXPLOSIVE)

GS EXPLOSIVES
 . **OCTOL (EXPLOSIVE)**

OCTOPUSES

GS ANIMALS
 . INVERTEBRATES
 . . MOLLUSKS
 . . . CEPHALOPODS
 **OCTOPUSES**

OCULAR CIRCULATION

GS CIRCULATION
 . BLOOD CIRCULATION
 . . **OCULAR CIRCULATION**

OCULOGRAPHIC ILLUSIONS

GS PSYCHOLOGICAL EFFECTS
 . ILLUSIONS
 . . **OCULOGRAPHIC ILLUSIONS**
 RT GRAVIRECEPTORS
 OTOLITH ORGANS
 VERTICAL PERCEPTION

OCULOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **OCULOMETERS**
 . OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **OCULOMETERS**
 RT EYE MOVEMENTS
 ∞ INSTRUMENTS
 OPTICAL TRACKING

OCULOMOTOR NERVES

GS ANATOMY
 . NERVOUS SYSTEM
 . . NERVES
 . . . **OCULOMOTOR NERVES**
 . SENSE ORGANS
 . . EYE (ANATOMY)
 . . . **OCULOMOTOR NERVES**
 RT VISION

ODAS

USE OCEAN DATA ACQUISITIONS SYSTEMS

ODD-EVEN NUCLEI

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 **ODD-EVEN NUCLEI**
 RT EVEN-EVEN NUCLEI
 ODD-ODD NUCLEI

ODD-ODD NUCLEI

GS PARTICLES
 . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 . . . **ODD-ODD NUCLEI**
 RT EVEN-EVEN NUCLEI
 NUCLEAR STRUCTURE
 ∞NUCLEI
 ODD-EVEN NUCLEI

ODESSA METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . **ODESSA METEORITE**

ODORS

RT AIR POLLUTION
 COMBUSTION PRODUCTS
 EXHAUST GASES
 GASES

OFF-ON CONTROL

UF BANG-BANG CONTROL
 GS AUTOMATIC CONTROL
 . **OFF-ON CONTROL**
 RT ∞CONTROL
 CONTROL EQUIPMENT
 CONTROL THEORY
 PROPORTIONAL CONTROL
 SERVOCONTROL
 SOLENOID VALVES

OFFGASSING

RT DEGASSING
 VACUUM
 VACUUM EFFECTS

OFFICE AUTOMATION

RT ∞AUTOMATION
 MAN MACHINE SYSTEMS
 WORD PROCESSING

OFFICE OF SPACE & TERRESTRIAL APPLIES PAYLOADS

USE OSTA-1 PAYLOAD
 OSTA-2 PAYLOAD
 OSTA-3 PAYLOAD

OFFSHORE DOCKING

RT ARTIFICIAL HARBORS
 CARGO SHIPS
 DEEPWATER TERMINALS
 MARINE TECHNOLOGY
 MARINE TRANSPORTATION
 OCEANOGRAPHY
 SHIP TERMINALS
 TANKER SHIPS
 TANKER TERMINALS
 ∞TANKERS
 TERMINAL FACILITIES
 TRANSPORTATION

OFFSHORE ENERGY SOURCES

RT CRUDE OIL
 DEEPWATER TERMINALS
 DRILLING
 ENERGY TECHNOLOGY
 MARINE TECHNOLOGY
 OCEAN TEMPERATURE
 OIL EXPLORATION
 OIL FIELDS
 SEA BREEZE
 SEEPAGE

OFFSHORE PLATFORMS

RT ARTIFICIAL HARBORS
 CARGO SHIPS
 DEEPWATER TERMINALS
 MARINE TECHNOLOGY
 OCEANOGRAPHY
 ∞PLATFORMS
 TANKER SHIPS
 TANKER TERMINALS
 ∞TANKERS
 TERMINAL FACILITIES
 TRANSPORTATION

OFFSHORE REACTOR SITES

GS SITES
 . **OFFSHORE REACTOR SITES**
 RT REACTOR DESIGN
 REACTOR SAFETY

OFFSHORE REACTOR SITES--(cont.)
 REACTOR TECHNOLOGY
 REMOTE REGIONS

OFT

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

OFT 1

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

OFT 2

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

OFT 3

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

OFT 4

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

OGEE SHAPE

GS SHAPES
 . **OGEE SHAPE**
 RT VARIABLE SWEEP WINGS

OGEE WINGS

USE VARIABLE SWEEP WINGS

OGIVES

RT BODIES OF REVOLUTION
 ELLIPSOIDS
 FAIRINGS
 NOSE CONES
 SPHERES
 STREAMLINED BODIES
 SYMMETRICAL BODIES

OGO

UF ORBITING GEOPHYSICAL OBSERVATORY
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES

. . . **OGO**
 . . . EGO
 . . . OGO-A
 . . . OGO-3
 . . . OGO-5
 . . . POGO
 . . . OGO-C
 . . . OGO-4
 . . . OGO-6
 OBSERVATORIES
 . GEOPHYSICAL OBSERVATORIES
 . . **OGO**
 . . . EGO
 . . . OGO-A
 . . . OGO-3
 . . . OGO-5
 . . . POGO
 . . . OGO-C
 . . . OGO-4
 . . . OGO-6
 RT GAMMA RAY OBSERVATORY

OGO-A

UF S-49 SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . **OGO-A**
 . . . OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . **OGO-A**
 RT ATLAS AGENA LAUNCH VEHICLES

OGO-B

USE OGO-3

OGO-C

UF S-50 SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . POGO
 . . . **OGO-C**
 . . . OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . POGO
 . . . **OGO-C**

OGO-D

USE OGO-4

OGO-E

USE OGO-5

OGO-F

USE OGO-6

OGO-3

UF OGO-B
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . **OGO-3**
 . . . OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . **OGO-3**
 RT THOR AGENA LAUNCH VEHICLE

OGO-4

UF OGO-D
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . POGO
 . . . **OGO-4**
 . . . OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . POGO
 . . . **OGO-4**
 RT GEODESY

OGO-5

UF OGO-E
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . **OGO-5**
 . . . OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . **OGO-5**
 RT GEODESY

OGO-6

UF OGO-F
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . POGO
 . . . **OGO-6**
 . . . OBSERVATORIES
 . . . GEOPHYSICAL OBSERVATORIES
 . . . OGO
 . . . POGO
 . . . **OGO-6**

OH-4 HELICOPTER

UF HO-4 HELICOPTER
 GS BELL AIRCRAFT
 . **OH-4 HELICOPTER**
 LIGHT AIRCRAFT
 . LIGHT HELICOPTERS
 . . **OH-4 HELICOPTER**
 . . OBSERVATION AIRCRAFT
 . . **OH-4 HELICOPTER**
 . . V/STOL AIRCRAFT
 . . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . LIGHT HELICOPTERS
 . . . **OH-4 HELICOPTER**
 . . . MILITARY HELICOPTERS
 . . . **OH-4 HELICOPTER**

OH-5 HELICOPTER

UF FH-1100 HELICOPTER
 GS HO-5 HELICOPTER
 FAIRCHILD-HILLER AIRCRAFT
 . **OH-5 HELICOPTER**
 . HILLER AIRCRAFT
 . **OH-5 HELICOPTER**
 . LIGHT AIRCRAFT
 . LIGHT HELICOPTERS
 . . **OH-5 HELICOPTER**
 . . OBSERVATION AIRCRAFT
 . . **OH-5 HELICOPTER**
 . . PASSENGER AIRCRAFT
 . . **OH-5 HELICOPTER**
 . . V/STOL AIRCRAFT
 . . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . LIGHT HELICOPTERS

OH-5 HELICOPTER--(cont.)

... **OH-5 HELICOPTER**
 ... MILITARY HELICOPTERS
 ... **OH-5 HELICOPTER**
 RT RIGID ROTOR HELICOPTERS

OH-6 HELICOPTER

UF HO-6 HELICOPTER
 LOH HELICOPTER
 GS HUGHES AIRCRAFT
 . **OH-6 HELICOPTER**
 LIGHT AIRCRAFT
 . LIGHT HELICOPTERS
 . **OH-6 HELICOPTER**
 OBSERVATION AIRCRAFT
 . **OH-6 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . . . LIGHT HELICOPTERS
 . . . **OH-6 HELICOPTER**
 . . . MILITARY HELICOPTERS
 . . . **OH-6 HELICOPTER**

OH-13 HELICOPTER

UF H-13 HELICOPTER
 SIOUX HELICOPTER
 UH-13 HELICOPTER
 GS BELL AIRCRAFT
 . **OH-13 HELICOPTER**
 LIGHT AIRCRAFT
 . **OH-13 HELICOPTER**
 UTILITY AIRCRAFT
 . **OH-13 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . . . MILITARY HELICOPTERS
 . . . **OH-13 HELICOPTER**

OH-23 HELICOPTER

UF H-23 HELICOPTER
 RAVEN HELICOPTER
 UH-12 HELICOPTER
 GS FAIRCHILD-HILLER AIRCRAFT
 . **OH-23 HELICOPTER**
 LIGHT AIRCRAFT
 . **OH-23 HELICOPTER**
 UTILITY AIRCRAFT
 . **OH-23 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . . . MILITARY HELICOPTERS
 . . . **OH-23 HELICOPTER**

OH-58 HELICOPTER

GS LIGHT AIRCRAFT
 . LIGHT HELICOPTERS
 . **OH-58 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . . . LIGHT HELICOPTERS
 . . . **OH-58 HELICOPTER**
 . . . MILITARY HELICOPTERS
 . . . **OH-58 HELICOPTER**

OHIO

GS NATIONS
 . UNITED STATES
 . **OHIO**
 RT OHIO RIVER (US)
 WABASH RIVER BASIN (IL-IN-OH)

OHIO RIVER (US)

GS RIVERS
 . **OHIO RIVER (US)**
 RT ILLINOIS
 INDIANA
 KENTUCKY
 OHIO
 PENNSYLVANIA
 WEST VIRGINIA

OHMIC DISSIPATION

UF JOULE HEATING
 GS DISSIPATION
 . **OHMIC DISSIPATION**
 RT JOULE-THOMSON EFFECT
 LEVITATION MELTING
 LOSSES

OHMMETERS

GS MEASURING INSTRUMENTS

OHMMETERS--(cont.)

RT . **OHMMETERS**
 ELECTRICAL CONDUCTIVITY METERS
 ELECTRICAL IMPEDANCE
 ELECTRICAL MEASUREMENT
 ELECTRICAL RESISTANCE
 RESISTANCE THERMOMETERS
 TRANSCONDUCTANCE
 WHEATSTONE BRIDGES

OHMS LAW

GS CIRCUITS
 . **OHMS LAW**
 LAWS
 . **OHMS LAW**
 RT ∞ CONDUCTIVITY
 ELECTRIC CURRENT
 ELECTRICAL RESISTANCE
 ELECTRICITY
 ELECTROMOTIVE FORCES
 TRANSCONDUCTANCE
 VOLT-AMPERE CHARACTERISTICS

OHZORA SATELLITE

USE EXOS-C SATELLITE

OIL ADDITIVES

GS ADDITIVES
 . **OIL ADDITIVES**

OIL EXPLORATION

GS EXPLORATION
 . **OIL EXPLORATION**
 RT CRUDE OIL
 DRILLING
 ENERGY POLICY
 GEOLOGY
 NATURAL GAS EXPLORATION
 OFFSHORE ENERGY SOURCES
 TAR SANDS
 UNDERWATER RESOURCES

OIL FIELDS

GS RESOURCES
 . EARTH RESOURCES
 . **OIL FIELDS**
 RT CRUDE OIL
 DRILLING
 METHANE
 NATURAL GAS
 OFFSHORE ENERGY SOURCES
 OILS
 TAR SANDS

OIL POLLUTION

GS POLLUTION
 . ENVIRONMENT POLLUTION
 . . . WATER POLLUTION
 . . . **OIL POLLUTION**
 RT COASTAL ECOLOGY
 WETLANDS

OIL RECOVERY

RT ENERGY TECHNOLOGY
 RECLAMATION
 ∞ RECOVERY
 REUSE

OIL SLICKS

UF SLICKS
 RT DUMPING
 ENVIRONMENT POLLUTION
 OCEANOGRAPHY
 POLLUTION
 SPILLING
 WATER POLLUTION

OILS

GS **OILS**
 . CASTOR OIL
 . CRUDE OIL
 . FUEL OILS
 . LUBRICATING OILS
 . MINERAL OILS
 . SHALE OIL
 RT ENERGY POLICY
 FATS
 FUELS
 GREASES
 HYDRAULIC FLUIDS
 KEROGEN
 LIPID METABOLISM
 LUBRICANTS
 OIL FIELDS

OILS--(cont.)

PETROLEUM PRODUCTS
 PITCH (MATERIAL)
 RETORT PROCESSING
 TAR SANDS

OKAZAKI-LEVY-RUDENKO COMET

GS CELESTIAL BODIES
 . COMETS
 . . **OKAZAKI-LEVY-RUDENKO COMET**

OKHANSK METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 . . . **OKHANSK METEORITE**
 RT IRON METEORITES

OKLAHOMA

GS NATIONS
 . UNITED STATES
 . . **OKLAHOMA**
 RT LAKE TEXOMA (OK-TX)

OLEFINS

USE ALKENES

OLEIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **OLEIC ACID**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **OLEIC ACID**

OLFACTORY PERCEPTION

UF SMELL
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . **OLFACTORY PERCEPTION**
 RT CHEMORECEPTORS
 SENSE ORGANS

OLIGOMERS

RT MONOMERS
 POLYMER CHEMISTRY
 POLYMERIZATION
 ∞ POLYMERS

OLIVINE

GS MINERALS
 . **OLIVINE**
 . . FORSTERITE
 RT DUNITE
 IGNEOUS ROCKS
 MONTICELLITE
 PERIDOTITE
 REGOLITH
 ROCKS
 SOILS

OMAN

GS NATIONS
 . **OMAN**

OMCVD (VAPOR DEPOSITION)

USE METALORGANIC CHEMICAL VAPOR
 DEPOSITION

OME

USE ORBIT MANEUVERING ENGINE (SPACE
 SHUTTLE)

OMEGA NAVIGATION SYSTEM

GS MEASURING INSTRUMENTS
 . **OMEGA NAVIGATION SYSTEM**
 NAVIGATION
 . **OMEGA NAVIGATION SYSTEM**
 RT AIR NAVIGATION
 ∞ SYSTEMS

OMEGA-MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . BARYONS
 . . . **OMEGA-MESONS**
 . . . HADRONS
 . . . BARYONS
 . . . **OMEGA-MESONS**
 . . . MESONS

OMEGA-MESONS--(cont.)

RT **OMEGA-MESONS**
CHARGED PARTICLES
ETA-MESONS

OMEGATRONS

GS PARTICLE ACCELERATORS
CYCLOTRONS
. . . **OMEGATRONS**

OMICRON CETI STAR

UF MIRA CETI STAR
GS CELESTIAL BODIES
. STARS
. . . GIANT STARS
. . . **OMICRON CETI STAR**
. . . LATE STARS
. . . COOL STARS
. . . MIRA VARIABLES
. **OMICRON CETI STAR**
. . . VARIABLE STARS
. . . MIRA VARIABLES
. . . . **OMICRON CETI STAR**

OMNIDIRECTIONAL ANTENNAS

GS ANTENNAS
. **OMNIDIRECTIONAL ANTENNAS**
. . MONOPOLE ANTENNAS
. . . WHIP ANTENNAS
. . . TURNSTILE ANTENNAS
RT DIPOLE ANTENNAS
DIRECTIONAL ANTENNAS
MICROWAVE ANTENNAS
RADIO ANTENNAS

OMNIDIRECTIONAL RADIO RANGES

GS NAVIGATION AIDS
. BEACONS
. . RADIO BEACONS
. . . **OMNIDIRECTIONAL RADIO RANGES**
. . . SELF CALIBRATING OMNIRANGE
RADIO EQUIPMENT
. RADIO TRANSMITTERS
. . RADIO BEACONS
. . . **OMNIDIRECTIONAL RADIO RANGES**
. . . SELF CALIBRATING OMNIRANGE
TRANSMITTERS
. RADIO TRANSMITTERS
. . RADIO BEACONS
. . . **OMNIDIRECTIONAL RADIO RANGES**
. . . SELF CALIBRATING OMNIRANGE
RT DISTANCE MEASURING EQUIPMENT
RADIO NAVIGATION
SOLAR COMPASSES

OMNIPOL HC-3 HELICOPTER

USE HC-3 HELICOPTER

OMNIPOL L-29 AIRCRAFT

USE L-29 JET TRAINER

OMNIPOL Z-37 AIRCRAFT

USE Z-37 AIRCRAFT

OMNIRANGE NAVIGATION

USE VHF OMNIRANGE NAVIGATION

ON-LINE PROGRAMMING

GS SOFTWARE ENGINEERING
. COMPUTER PROGRAMMING
. . **ON-LINE PROGRAMMING**

ON-LINE SYSTEMS

RT COMPUTER PROGRAMS
COMPUTER TECHNIQUES
DATA MANAGEMENT
DATA PROCESSING
INFORMATION RETRIEVAL
INFORMATION SYSTEMS
INTEGRATED LIBRARY SYSTEMS
NUMERICAL DATA BASES
∞ SYSTEMS

ONBOARD COMPUTERS

USE AIRBORNE/SPACEBORNE COMPUTERS

ONBOARD DATA PROCESSING

GS DATA PROCESSING
. **ONBOARD DATA PROCESSING**
AIRBORNE/SPACEBORNE COMPUTERS
∞ DATA
FLIGHT MANAGEMENT SYSTEMS
IMAGE PROCESSING
MICROPROCESSORS

ONBOARD DATA PROCESSING--(cont.)

REAL TIME OPERATION
SIGNAL PROCESSING

ONBOARD EQUIPMENT

GS **ONBOARD EQUIPMENT**
. AIRBORNE EQUIPMENT
. . AIRBORNE/SPACEBORNE
COMPUTERS
. . LIGHT AIRBORNE MULTIPURPOSE
SYSTEM
. . TERCOM
. . AIRBORNE LASERS
. . AIRCRAFT EQUIPMENT
. . BOMBING EQUIPMENT
. . EJECTION SEATS
. . . FLYING EJECTION SEATS
. . TERCOM
. . SPACECRAFT EQUIPMENT
. . SPACECRAFT ELECTRONIC
EQUIPMENT
RT AIRBORNE SURVEILLANCE RADAR
∞ AIRCRAFT
BUBBLE TECHNIQUE
CREW PROCEDURES (PREFLIGHT)
∞ EQUIPMENT
FLIGHT INSTRUMENTS
FLIGHT OPERATIONS
FLIGHT SAFETY
HEATING EQUIPMENT
LIFE SUPPORT SYSTEMS
LIGHTING EQUIPMENT
RADAR EQUIPMENT
RADIO EQUIPMENT
SPACECRAFT INSTRUMENTS
STOWAGE (ONBOARD EQUIPMENT)
SURVIVAL EQUIPMENT
TELECOMMUNICATION
∞ TEST EQUIPMENT
TRAINING DEVICES

ONE DIMENSIONAL FLOW

GS FLUID FLOW
. **ONE DIMENSIONAL FLOW**
RT ANNULAR FLOW
AXIAL FLOW
CORE FLOW
FLOW GEOMETRY
HUGONOT EQUATION OF STATE
THREE DIMENSIONAL FLOW
TWO DIMENSIONAL FLOW

ONE-PHASE FLOW

USE SINGLE-PHASE FLOW

ONISOTROPY

USE ANISOTROPY

ONSAGER PHENOMENOLOGICAL COEFFICIENT

GS COEFFICIENTS
. **ONSAGER PHENOMENOLOGICAL
COEFFICIENT**
RT FLUX DENSITY
PLASMAS (PHYSICS)
STATISTICAL MECHANICS
VARIATIONAL PRINCIPLES

ONSAGER RELATIONSHIP

RT ∞ EQUILIBRIUM
IRREVERSIBLE PROCESSES
THERMODYNAMICS

ONTARIO

GS NATIONS
. CANADA
. . **ONTARIO**

ONTOGENESIS

USE ONTOGENY

ONTOGENY

UF ONTOGENESIS
RT BIOGENY
EVOLUTION (DEVELOPMENT)
GROWTH
NEUROPHYSIOLOGY

OOCYTES

USE GAMETOCYTES

OORT CLOUD

RT ∞ CLOUDS
COMET NUCLEI
COMETS

OORT CLOUD--(cont.)

NEMESIS (STAR)
SOLAR SYSTEM

OPACIFIERS

GS ADDITIVES
. **OPACIFIERS**
RT ∞ AGENTS
FILLERS

OPACITY

GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. . **OPACITY**
RT ABSORPTANCE
ABSORPTIVITY
ACOUSTICS
ATMOSPHERIC OPTICS
ATTENUATION COEFFICIENTS
CLARITY
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
HAZE
KRAMERS-KRONIG FORMULA
LIGHT (VISIBLE RADIATION)
LIGHT TRANSMISSION
REFRACTIVITY
TRANSLUCENCE
TRANSMISSION EFFICIENCY
TRANSMISSIVITY
TRANSPARENCY
TURBIDITY
UNDERWATER OPTICS
VISIBILITY

OPALESCENCE

RT IRIDESCENCE
OPTICAL PROPERTIES

OPEN CHANNEL FLOW

GS FLUID FLOW
. CHANNEL FLOW
. . **OPEN CHANNEL FLOW**
. . LIQUID FLOW
. . . **OPEN CHANNEL FLOW**
RT CAVITY FLOW
LAMINAR FLOW
MEANDERS
PIPE FLOW
TURBULENT FLOW
WATER FLOW

OPEN CIRCUIT VOLTAGE

GS POTENTIAL ENERGY
. ELECTRIC POTENTIAL
. . **OPEN CIRCUIT VOLTAGE**
RT BIAS
CAPACITANCE
ELECTRICAL PROPERTIES
ELECTRICAL RESISTIVITY
ELECTROMOTIVE FORCES
ENERGY CONVERSION EFFICIENCY
OVERVOLTAGE
∞ POTENTIAL
POWER GAIN
SHORT CIRCUIT CURRENTS
SOLAR CELLS
STATIC ELECTRICITY
VOLT-AMPERE CHARACTERISTICS

OPEN CLUSTERS

GS CELESTIAL BODIES
. STAR CLUSTERS
. . **OPEN CLUSTERS**
. . . PLEIADES CLUSTER
. . . PRAESEPE STAR CLUSTERS

OPEN PROJECT

UF ORIGIN OF PLASMAS IN EARTH
NEIGHBORHOOD
GS PROGRAMS
. NASA PROGRAMS
. . NASA SPACE PROGRAMS
. . . **OPEN PROJECT**
. . . PROJECTS
. . . **OPEN PROJECT**
. . . SPACE PROGRAMS
. . . NASA SPACE PROGRAMS
. . . **OPEN PROJECT**
RT EARTH ATMOSPHERE
EARTH MAGNETOSPHERE
PLASMA DIAGNOSTICS
PLASMA PHYSICS
PLASMASPHERE
SATELLITE-BORNE INSTRUMENTS

OPEN PROJECT--(cont.)

SPACE PLASMAS

OPENINGS

- UF CUT-OUTS
- GS **OPENINGS**
 - . APERTURES
 - . IRISES (MECHANICAL APERTURES)
 - . SYNTHETIC APERTURES
 - . PORTS (OPENINGS)
 - . SLITS
- RT ANNULAR DUCTS
 - CAVITIES
 - CRACKS
 - CURTAINS
 - DOORS
 - DUCT GEOMETRY
 - DUCTS
 - EGRESS
 - EXHAUST NOZZLES
 - EXHAUST SYSTEMS
 - GAPS
 - GATES (OPENINGS)
 - INGRESS (SPACECRAFT PASSAGEWAY)
 - INLET NOZZLES
 - INTAKE SYSTEMS
 - ORIFICES
 - OUTLETS
 - PASSAGEWAYS
 - PERFORATED PLATES
 - PIPE NOZZLES
 - SLOTS
 - VENTS
 - WINDOWS (APERTURES)

OPERATING COSTS

- GS COSTS
 - . **OPERATING COSTS**
- RT AIRLINE OPERATIONS
 - ECONOMIC ANALYSIS
 - ENERGY POLICY
 - FUELS
 - MAINTENANCE
 - PRODUCTION COSTS
 - SYSTEMS ANALYSIS

OPERATING SYSTEMS (COMPUTERS)

- UF EXECUTIVE SYSTEMS (COMPUTERS)
- GS COMPUTER PROGRAMS
 - . COMPUTER SYSTEMS PROGRAMS
 - . **OPERATING SYSTEMS (COMPUTERS)**
 - . . . DISK OPERATING SYSTEM (DOS)
 - . . . UNIX (OPERATING SYSTEM)
- RT ASSEMBLER ROUTINES
 - COMPILERS
 - COMPUTER INFORMATION SECURITY
 - COMPUTER SYSTEMS DESIGN
 - INPUT/OUTPUT ROUTINES
 - MIMD (COMPUTERS)
 - ∞ ROUTINES
 - SIMD (COMPUTERS)
 - ∞ SYSTEMS
 - WINDOWS (COMPUTER PROGRAMS)

OPERATING TEMPERATURE

- GS TEMPERATURE
 - . **OPERATING TEMPERATURE**
- RT AMBIENT TEMPERATURE
 - COMBUSTION TEMPERATURE
 - HIGH TEMPERATURE
 - SUPERCONDUCTORS
 - ROOM TEMPERATURE
 - WALL TEMPERATURE

OPERATIONAL AMPLIFIERS

- GS AMPLIFIERS
 - . **OPERATIONAL AMPLIFIERS**
- RT AMPLIFIER DESIGN
 - ANALOG CIRCUITS
 - ANALOG COMPUTERS
 - DIFFERENTIAL AMPLIFIERS
 - FEEDBACK AMPLIFIERS
 - LINEAR INTEGRATED CIRCUITS
 - TRANSISTOR AMPLIFIERS

OPERATIONAL CALCULUS

- RT ∞ APPLICATIONS OF MATHEMATICS
 - CALCULUS
 - CALCULUS OF VARIATIONS
 - DIFFERENTIAL EQUATIONS
 - FOURIER ANALYSIS
 - INTEGRAL CALCULUS
 - LINEAR EQUATIONS

OPERATIONAL HAZARDS

- GS HAZARDS
 - . **OPERATIONAL HAZARDS**
- RT AIR PIRACY
 - AIRCRAFT HAZARDS
 - CUMULATIVE DAMAGE
 - FLIGHT HAZARDS
 - METEOROID HAZARDS
 - NOISE (SOUND)
 - OCCUPATIONAL DISEASES
 - RADIATION HAZARDS

OPERATIONAL PROBLEMS

- RT AIRLINE OPERATIONS
 - ∞ OPERATIONS
 - ∞ PROBLEMS
 - SYSTEMS ENGINEERING

∞ OPERATIONS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT AIR DROP OPERATIONS
 - AIR TRAFFIC CONTROL
 - AIRLINE OPERATIONS
 - CHEMICAL ENGINEERING
 - CHEMICAL REACTIONS
 - CLINICAL MEDICINE
 - DEPLOYMENT
 - FISHBOWL OPERATION
 - LOADING OPERATIONS
 - MECHANIZATION
 - MISSION PLANNING
 - OPERATIONAL PROBLEMS
 - OPERATIONS RESEARCH
 - ORIFICES
 - PREFLIGHT OPERATIONS
 - PREMATURE OPERATION
 - PRODUCTION ENGINEERING
 - PROGRAMS
 - PROJECTS
 - RESCUE OPERATIONS
 - RUNNING
 - SEQUENCING
 - STRATEGY
 - SURGERY
 - SYSTEMS ENGINEERING

OPERATIONS RESEARCH

- GS OPTIMIZATION
 - . **OPERATIONS RESEARCH**
- RT ∞ APPLICATIONS OF MATHEMATICS
 - COMPUTER SYSTEMS SIMULATION
 - COMPUTERIZED SIMULATION
 - CONSTRAINTS
 - CONTROL SYSTEMS DESIGN
 - CRITICAL PATH METHOD
 - DECISION THEORY
 - DELPHI METHOD (FORECASTING)
 - DYNAMIC PROGRAMMING
 - EXPERIMENT DESIGN
 - FORECASTING
 - FUNCTIONS (MATHEMATICS)
 - GAME THEORY
 - INFORMATION THEORY
 - LAGRANGE MULTIPLIERS
 - LINEAR PREDICTION
 - LINEAR PROGRAMMING
 - MANAGEMENT
 - MANAGEMENT METHODS
 - MANAGEMENT PLANNING
 - MATHEMATICAL MODELS
 - MATHEMATICAL PROGRAMMING
 - MATRIX MANAGEMENT
 - MINIMA
 - MINIMAX TECHNIQUE
 - MISSION PLANNING
 - NONLINEAR PROGRAMMING
 - ∞ OPERATIONS
 - ∞ PATHS
 - PATTERN METHOD (FORECASTING)
 - PROBABILITY THEORY
 - PROBE METHOD (FORECASTING)
 - PROFILE METHOD (FORECASTING)
 - PROJECT PLANNING
 - QUALITY CONTROL
 - QUEUEING THEORY
 - RAND PROJECT
 - RAYLEIGH DISTRIBUTION
 - RESEARCH AND DEVELOPMENT
 - RESEARCH MANAGEMENT
 - RISK
 - SADDLE POINTS (GAME THEORY)
 - SEQUENCING
 - SIMULATION

OPERATIONS RESEARCH--(cont.)

- STATISTICAL ANALYSIS
- STOCHASTIC PROCESSES
- STRATEGY
- ∞ SYNTHESIS
- SYNTHESIS (CHEMISTRY)
- SYSTEMS ANALYSIS
- SYSTEMS ENGINEERING
- SYSTEMS MANAGEMENT
- SYSTEMS SIMULATION
- TRAVELING SALESMAN PROBLEM
- URBAN DEVELOPMENT
- WAR GAMES

OPERATOR PERFORMANCE

- GS HUMAN PERFORMANCE
 - . **OPERATOR PERFORMANCE**
- RT ASTRONAUT PERFORMANCE
 - COMPUTER SYSTEMS PERFORMANCE
 - MENTAL PERFORMANCE
 - ∞ PERFORMANCE
 - PILOT PERFORMANCE
 - PSYCHOMOTOR PERFORMANCE

∞ OPERATORS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT OPERATORS (MATHEMATICS)
 - OPERATORS (PERSONNEL)
 - REACTOR CORES

OPERATORS (MATHEMATICS)

- UF DIFFERENTIAL OPERATORS
- FREDHOLM OPERATORS
- GS **OPERATORS (MATHEMATICS)**
 - . BERGMAN OPERATOR
 - . LINEAR OPERATORS
- RT FUNCTIONS (MATHEMATICS)
 - INTEGRAL TRANSFORMATIONS
 - LAPLACE TRANSFORMATION
 - MATRIX THEORY
 - ∞ OPERATORS
 - PERTURBATION THEORY
 - S MATRIX THEORY

OPERATORS (PERSONNEL)

- GS PERSONNEL
 - . **OPERATORS (PERSONNEL)**
 - . . . PILOTS (PERSONNEL)
 - . . . AIRCRAFT PILOTS
 - . . . TEST PILOTS
- RT ∞ OPERATORS

OPHIUCHI CLOUDS

- RT CLOUD PHYSICS
 - ∞ CLOUDS
 - INTERSTELLAR GAS
 - INTERSTELLAR MATTER
 - NEBULAE

OPHTHALMODYNAMOMETRY

- RT BLOOD PRESSURE
 - EYE (ANATOMY)
 - VISION

OPHTHALMOLOGY

- GS MEDICAL SCIENCE
 - . **OPHTHALMOLOGY**
- RT ELECTRONYSTAGMOGRAPHY
 - EYE (ANATOMY)
 - EYE DISEASES
 - EYE EXAMINATIONS
 - MIOSIS
 - VESTIBULAR NYSTAGMUS

OPIK THEORY

- RT NEBULAE
 - ORION CONSTELLATION
 - ORION NEBULA
 - SUPERNOVAE
 - ∞ THEORIES

OPTICAL ABSORPTION

- USE ELECTROMAGNETIC ABSORPTION
- LIGHT TRANSMISSION

OPTICAL ACTIVITY

- RT BIOCHEMISTRY
 - CARBOHYDRATES
 - ∞ OPTICS
 - ORGANIC CHEMISTRY
 - POLARIMETRY
 - POLARIZED LIGHT

OPTICAL ACTIVITY--(cont.)
STEREOCHEMISTRY

OPTICAL AMPLIFIERS
USE LIGHT AMPLIFIERS

OPTICAL BISTABILITY
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
RT OPTICAL BISTABILITY
FOUR-WAVE MIXING
HYSTERESIS
INTEGRATED OPTICS
LIGHT TRANSMISSION
NONLINEAR OPTICS
OPTICAL DATA STORAGE MATERIALS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL MEMORY (DATA STORAGE)
OPTICAL SWITCHING
OPTICAL WAVEGUIDES
SWITCHING CIRCUITS

OPTICAL COMMUNICATION
UF LASER COMMUNICATION
LIGHT COMMUNICATION
OPTICAL SIGNALS
GS TELECOMMUNICATION
COMMUNICATION
RT OPTICAL COMMUNICATION
DYE LASERS
GROUND-AIR-GROUND COMMUNICATION
HIGH POWER LASERS
INTERPLANETARY COMMUNICATION
LASERS
LUNAR COMMUNICATION
OPTICAL FIBERS
OPTICS
SATELLITE COMMUNICATION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TUNABLE LASERS
VISUAL SIGNALS
WIRELESS COMMUNICATION

OPTICAL COMPUTERS
GS DATA PROCESSING EQUIPMENT
COMPUTERS
RT OPTICAL COMPUTERS
COHERENT LIGHT
COMPUTER DESIGN
ELECTRO-OPTICS
OPTICAL EQUIPMENT
OPTICAL MEMORY (DATA STORAGE)

OPTICAL CONTROL
RT AUTOMATIC CONTROL
CASCADE CONTROL
CONTROL
CONTROL EQUIPMENT
CONTROLLERS
ELECTRIC CONTROL
ELECTRO-OPTICS
ELECTRONIC CONTROL
FEEDBACK CONTROL
OPTICAL EQUIPMENT
REMOTE CONTROL

OPTICAL CORRECTION PROCEDURE
GS CORRECTION
OPTICAL CORRECTION PROCEDURE
PROCEDURES
RT OPTICAL CORRECTION PROCEDURE
ADAPTIVE OPTICS
ADJUSTING
ERRORS
INSTRUMENT ERRORS
LENS DESIGN
OPTICS
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHS
POSITION ERRORS
SEEING (ASTRONOMY)
SELF FOCUSING

OPTICAL CORRELATORS
GS CORRELATORS
OPTICAL CORRELATORS
RT IMAGE CORRELATORS
OPTICAL DATA PROCESSING

OPTICAL COUNTERMEASURES
GS COUNTERMEASURES
OPTICAL COUNTERMEASURES
RT AIR DEFENSE

OPTICAL COUNTERMEASURES--(cont.)
ANTIMISSILE DEFENSE
DECEPTION
ELECTRONIC COUNTERMEASURES
MILITARY TECHNOLOGY
MISSILE DEFENSE
OPTICAL RADAR
OPTICS
SPACE SURVEILLANCE (SPACEBORNE)

OPTICAL COUPLING
GS COUPLING
ELECTROMAGNETIC COUPLING
RT OPTICAL COUPLING
COUPLES
CROSS COUPLING
CROSS POLARIZATION
LASER ARRAYS
LASER MODE LOCKING
LIGHT TRANSMISSION
MICROWAVE COUPLING
OPTICS
PHASE LOCKED SYSTEMS
POLARIZATION (WAVES)

OPTICAL DATA PROCESSING
GS DATA PROCESSING
OPTICAL DATA PROCESSING
SCENE ANALYSIS
RT CHARACTER RECOGNITION
DATA
DATA ACQUISITION
DATA PROCESSING EQUIPMENT
GRAY SCALE
IMAGE CLASSIFICATION
IMAGE PROCESSING
LASERS
LIGHT VALVES
OPTICAL CORRELATORS
OPTICAL DISKS
OPTICAL RELAY SYSTEMS
OPTICS
PHOTONICS
PROCESSING
READERS
SCANNERS
TOMOGRAPHY

OPTICAL DATA STORAGE MATERIALS
RT DATA
DATA RECORDING
DATA STORAGE
LASER APPLICATIONS
OPTICAL BISTABILITY
OPTICAL MEMORY (DATA STORAGE)
OPTICS
PHOTOGRAPHIC FILM
VIDEO DISKS

OPTICAL DENSITY
RT DENSITY
MICRODENSITOMETERS
OPTICS
TRANSLUCENCE
TRANSMITTANCE
TRANSPARENCE
TURBIDITY
UNDERWATER OPTICS

OPTICAL DEPOLARIZATION
RT LIGHT (VISIBLE RADIATION)
OPTICS
POLARIZED LIGHT

OPTICAL DEPTH
USE OPTICAL THICKNESS

OPTICAL DISKS
UF COMPACT DISK READ-ONLY MEMORY
DEVICES
GS COMPUTER STORAGE DEVICES
OPTICAL DISKS
RT CD-ROM
DATA STORAGE
LASER APPLICATIONS
OPTICAL DATA PROCESSING
OPTICAL EQUIPMENT
OPTICAL MEMORY (DATA STORAGE)
VIDEO DISKS

OPTICAL EMISSION
USE LIGHT EMISSION

OPTICAL EMISSION SPECTROSCOPY
GS SPECTROSCOPY
OPTICAL EMISSION SPECTROSCOPY
LASER SPECTROSCOPY
RT AURORAL SPECTROSCOPY
ELECTRON SPECTROSCOPY
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)
OPTICS

OPTICAL EQUIPMENT
GS OPTICAL EQUIPMENT
BINOCULARS
CAMERAS
BAKER-NUNN CAMERA
BALLISTIC CAMERAS
DELFT CAMERA
DIFFRACTION LIMITED CAMERAS
FAINT OBJECT CAMERA
HIGH SPEED CAMERAS
FRAMING CAMERAS
I2S CAMERAS
LALLEMAND CAMERAS
MULTISPECTRAL BAND CAMERAS
PANORAMIC CAMERAS
PINHOLE CAMERAS
SCHMIDT CAMERAS
STREAK CAMERAS
TELEVISION CAMERAS
COLLIMATORS
ENDOSCOPES
EYEPIECES
HELIOMETERS
PYROHELIOMETERS
IMAGE CONVERTERS
CELESTROSCOPES
IMAGE TUBES
THERMICON
LASER DOPPLER VELOCIMETERS
OPTICAL GYROSCOPES
OPTICAL MEASURING INSTRUMENTS
CATHETOMETERS
DIFFRACTOMETERS
EBERT SPECTROMETERS
ELLIPSOLOGRAPHY
ETALONS
GEODIMETERS
HAPLOSOPES
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
LIGHT SCATTERING METERS
MICRODENSITOMETERS
NEPHELOMETERS
OCULOMETERS
OPTICAL PYROMETERS
OPTICAL RANGE FINDERS
LASER RANGE FINDERS
PHOTOGRAPHIC FILM
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
TOTAL OZONE MAPPING
SPECTROMETER
ULTRAVIOLET
SPECTROPHOTOMETERS
POLARIMETERS
REFLECTOMETERS
MICROWAVE REFLECTOMETERS
REFRACTOMETERS
SEXTANTS
SPECTROPHOTOMETERS
INFRARED SPECTROPHOTOMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
TRANSITS
THEODOLITES
CINETHODOLITES
TRANSMISSOMETERS
OPTICAL MICROSCOPES
OPTICAL SCANNERS
FLYING SPOT SCANNERS
MULTISPECTRAL BAND SCANNERS
THEMATIC MAPPERS (LANDSAT)
PERISCOPES
PHOTOGRAPHIC RECTIFIERS
POLARISCOPES
SENARMONT POLARISCOPES
PRISMS
PRISMATIC BARS
SCATTER PLATES (OPTICS)
SPECTROHELIOGRAPHS
STROBOSCOPES
WIDE ANGLE LENSES
RT ABSORPTION SPECTROSCOPY
ACOUSTIC MICROSCOPES

OPTICAL EQUIPMENT--(cont.)

CIRCUMSOLAR TELESCOPES
 DENSITOMETERS
 FABRY-PEROT SPECTROMETERS
 GEOMETRICAL OPTICS
 HORIZON SCANNERS
 INFRARED INTERFEROMETERS
 INFRARED SCANNERS
 INTERFEROMETERS
 LENSES
 LOOK ANGLES (ELECTRONICS)
 MACH-ZEHNDER INTERFEROMETERS
 MICROCHANNELS
 MICROSCOPES
 MIRRORS
 MONOCHROMATORS
 OPTICAL BISTABILITY
 OPTICAL COMPUTERS
 OPTICAL CONTROL
 OPTICAL DISKS
 ∞OPTICS
 OPTOGALVANIC SPECTROSCOPY
 PHOTOGRAPHIC EQUIPMENT
 RADIO TELESCOPES
 REFLECTING TELESCOPES
 REFRACTING TELESCOPES
 RETICLES
 SCANNER PROJECT
 SCANNERS
 SPECTROMETERS
 TELESCOPES
 TRIPODS
 VIDEO EQUIPMENT

OPTICAL FIBERS

GS FIBERS
 . OPTICAL FIBERS
 . . SCINTILLATING FIBERS
 WAVEGUIDES
 . OPTICAL WAVEGUIDES
 . . OPTICAL FIBERS
 RT COMMUNICATION CABLES
 FIBER OPTICS
 FLY BY LIGHT CONTROL
 GLASS FIBERS
 OPTICAL COMMUNICATION
 OPTICAL MATERIALS
 TRANSMISSION LINES

OPTICAL FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . OPTICAL FILTERS
 . . BIREFRINGENT FILTERS
 . . INFRARED FILTERS
 . . ULTRAVIOLET FILTERS
 RT ADAPTIVE FILTERS
 BANDPASS FILTERS
 BANDSTOP FILTERS
 DIAPHRAGMS (MECHANICS)
 DIDYMIUM
 ELECTRIC FILTERS
 FILTERGRAMS
 ∞FILTERS
 ∞GRATINGS
 GRATINGS (SPECTRA)
 HIGH PASS FILTERS
 LENSES
 LOW PASS FILTERS
 OPTICAL RELAY SYSTEMS
 ∞OPTICS
 PHOTOGRAPHIC EQUIPMENT
 PHOTOGRAPHIC FILM
 ROWLAND CIRCLES
 SUNGLASSES
 TRANSMISSION

OPTICAL FLOW (IMAGE ANALYSIS)

RT COMPUTER VISION
 IMAGE ANALYSIS
 IMAGE PROCESSING
 ∞OPTICS
 SCENE ANALYSIS
 THREE DIMENSIONAL MOTION

OPTICAL GENERATORS

USE LASER CAVITIES

OPTICAL GYROSCOPES

GS GYROSCOPES
 . OPTICAL GYROSCOPES
 OPTICAL EQUIPMENT
 . OPTICAL GYROSCOPES
 RT LASER GYROSCOPES
 ∞OPTICS
 SAGNAC EFFECT

OPTICAL HETERODYNING

GS HETERODYNING
 . OPTICAL HETERODYNING
 RT DOPPLER EFFECT
 LIGHT MODULATION
 ∞OPTICS

OPTICAL ILLUSION

GS PSYCHOLOGICAL EFFECTS
 . ILLUSIONS
 . . OPTICAL ILLUSION
 . . . ELEVATOR ILLUSION
 RT MOON ILLUSION
 ∞OPTICS

OPTICAL IMAGES

USE IMAGES

OPTICAL MASER MODULATION

USE LIGHT MODULATION

OPTICAL MASERS

USE LASERS

OPTICAL MATERIALS

RT GLASS
 INFRARED WINDOWS
 LENSES
 ∞MATERIALS
 MIRRORS
 OPTICAL FIBERS
 WINDOWS (APERTURES)

OPTICAL MEASUREMENT

SN (MEASUREMENTS OF OPTICAL
 PROPERTIES, QUANTITIES OR
 CONDITIONS)
 GS OPTICAL MEASUREMENT
 . COLORIMETRY
 . OPTOMETRY
 . PHOTOMETRY
 . . ASTRONOMICAL PHOTOMETRY
 . . . STELLAR SPECTROPHOTOMETRY
 . . ELECTROPHOTOMETRY
 . . INFRARED PHOTOMETRY
 . . SPECTROPHOTOMETRY
 . . . STELLAR SPECTROPHOTOMETRY
 . . TELEPHOTOMETRY
 . . ULTRAVIOLET PHOTOMETRY
 . . VISUAL PHOTOMETRY
 . . POLARIMETRY
 . . . ASTRONOMICAL POLARIMETRY
 RT CHEMICAL ANALYSIS
 COLLIMATORS
 DENSITOMETERS
 DIFFRACTOMETERS
 ELECTRO-OPTICAL PHOTOGRAPHY
 ELLIPSOMETRY
 EMISSIVITY
 ETALONS
 FARADAY EFFECT
 GAMMA RAY SPECTROMETERS
 GEODIMETERS
 GEOMETRICAL OPTICS
 GRAZING INCIDENCE
 IN SITU MEASUREMENT
 INFRARED INTERFEROMETERS
 INTERFEROMETERS
 LIGHT (VISIBLE RADIATION)
 ∞MEASUREMENT
 MICRODENSITOMETERS
 MODULATION TRANSFER FUNCTION
 NEPHELOMETERS
 NONINTRUSIVE MEASUREMENT
 ∞OPTICS
 PHASE CONTRAST
 PHOTOGRAPHIC MEASUREMENT
 PHOTOMETERS
 POLARIMETERS
 RAY TRACING
 REFLECTANCE
 REFLECTOMETERS
 REFRACTOMETERS
 RONCHI TEST
 SPECTRAL SIGNATURES
 SPECTROMETERS
 SPECTROPHOTOMETERS
 STROBOSCOPES

OPTICAL MEASURING INSTRUMENTS

SN (INSTRUMENTS UTILIZING OPTICAL
 PRINCIPLES FOR MEASUREMENT)
 UF OPTICAL SENSORS
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS

OPTICAL MEASURING INSTRUMENTS--(cont.)

. . CATHETOMETERS
 . . DIFFRACTOMETERS
 . . EBERT SPECTROMETERS
 . . ELLIPSOMETERS
 . . ETALONS
 . . GEODIMETERS
 . . HAPLOSCOPES
 . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED
 . . . SPECTROMETERS
 . . LIGHT SCATTERING METERS
 . . MICRODENSITOMETERS
 . . NEPHELOMETERS
 . . OCULOMETERS
 . . OPTICAL PYROMETERS
 . . OPTICAL RANGE FINDERS
 . . . LASER RANGE FINDERS
 . . PHOTOGRAPHOMETERS
 . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 TOTAL OZONE MAPPING
 SPECTROMETER
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 . . POLARIMETERS
 . . REFLECTOMETERS
 . . . MICROWAVE REFLECTOMETERS
 . . REFRACTOMETERS
 . . SEXTANTS
 . . SPECTROPHOTOMETERS
 . . . INFRARED SPECTROPHOTOMETERS
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 . . TRANSITS
 . . THEODOLITES
 . . . CINETHEODOLITES
 . . TRANSMISSOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . CATHETOMETERS
 . . DIFFRACTOMETERS
 . . EBERT SPECTROMETERS
 . . ELLIPSOMETERS
 . . ETALONS
 . . GEODIMETERS
 . . HAPLOSCOPES
 . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED
 . . . SPECTROMETERS
 . . LIGHT SCATTERING METERS
 . . MICRODENSITOMETERS
 . . NEPHELOMETERS
 . . OCULOMETERS
 . . OPTICAL PYROMETERS
 . . OPTICAL RANGE FINDERS
 . . . LASER RANGE FINDERS
 . . PHOTOGRAPHOMETERS
 . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 TOTAL OZONE MAPPING
 SPECTROMETER
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 . . POLARIMETERS
 . . REFLECTOMETERS
 . . . MICROWAVE REFLECTOMETERS
 . . REFRACTOMETERS
 . . SEXTANTS
 . . SPECTROPHOTOMETERS
 . . . INFRARED SPECTROPHOTOMETERS
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 . . TRANSITS
 . . THEODOLITES
 . . . CINETHEODOLITES
 . . TRANSMISSOMETERS
 RT ABSORPTION SPECTROSCOPY
 CINESPECTROGRAPHS
 COLORIMETRY
 DENSITOMETERS
 FABRY-PEROT SPECTROMETERS
 FAINT OBJECT CAMERA
 GONIOMETERS
 GUIDANCE SENSORS
 INFRARED INTERFEROMETERS
 INTERFEROMETERS
 LASER DOPPLER VELOCIMETERS
 MACH-ZEHNDER INTERFEROMETERS
 MICROSCOPES
 MIROS SYSTEM
 MONOCHROMATORS
 MULTISPECTRAL TRACKING
 TELESCOPES

OPTICAL MEASURING INSTRUMENTS--(cont.)

OPTICAL BISTABILITY
 ∞ OPTICS
 OPTOGALVANIC SPECTROSCOPY
 PERISCOPES
 POLARIMETRY
 POLARISCOPES
 RADIATION MEASURING INSTRUMENTS
 REFLECTING TELESCOPES
 REFRACTING TELESCOPES
 SELF FOCUSING
 SENARMONT POLARISCOPES
 SOLAR INSTRUMENTS
 TELEPHOTOMETRY
 TELESCOPES

OPTICAL MEMORY (DATA STORAGE)

RT CD-ROM
 COHERENT LIGHT
 COMPUTER STORAGE DEVICES
 ∞ DATA
 HOLOGRAPHY
 LASERS
 OPTICAL BISTABILITY
 OPTICAL COMPUTERS
 OPTICAL DATA STORAGE MATERIALS
 OPTICAL DISKS
 ∞ OPTICS
 VIDEO DISKS

OPTICAL METHODS

USE OPTICS

OPTICAL MICROSCOPES

GS MICROSCOPES
 . OPTICAL MICROSCOPES
 OPTICAL EQUIPMENT
 . OPTICAL MICROSCOPES
 RT ELECTRON MICROSCOPES
 ∞ OPTICS

OPTICAL MODULATION

USE LIGHT MODULATION

OPTICAL PATHS

RT DIFFRACTION PATHS
 GEOMETRICAL OPTICS
 MULTIPATH TRANSMISSION
 ∞ OPTICS
 ∞ PATHS
 PHASE CONTRAST
 PHOTON BEAMS
 SAGNAC EFFECT
 UNDERWATER OPTICS
 VOIGT EFFECT
 WAVE DISPERSION

OPTICAL POLARIZATION

RT CIRCULAR POLARIZATION
 LINEAR POLARIZATION
 OPTICAL PROPERTIES
 ∞ OPTICS
 ∞ POLARIZATION
 POLARIZED LIGHT
 POLARIZERS
 POLAROGRAPHY

OPTICAL PROPERTIES

SN (INCLUDES PROPERTIES AND EFFECTS
 OF VISIBLE, INFRARED AND
 ULTRAVIOLET ELECTROMAGNETIC
 WAVES)
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . ABSORPTANCE
 . . ABSORPTIVITY
 . . BIREFRINGENCE
 . . KERR ELECTROOPTICAL EFFECT
 . . BRIGHTNESS
 . . BRIGHTNESS DISTRIBUTION
 . . COLOR
 . . IRIDESCENCE
 . . WATER COLOR
 . . DICHOISM
 . . LUMINOSITY
 . . STELLAR LUMINOSITY
 . . OPACITY
 . . OPTICAL BISTABILITY
 . . OPTICAL REFLECTION
 . . PHOSPHORESCENCE
 . . PHOTOCONDUCTIVITY
 . . PHOTOVISCOELASTICITY
 . . RADIANCE
 . . REFLECTANCE
 . . . BIDIRECTIONAL REFLECTANCE

OPTICAL PROPERTIES--(cont.)

. . . SPECTRAL REFLECTANCE
 . . REFRACTIVITY
 . . SKY BRIGHTNESS
 . . STIGMATISM
 . . TRANSLUCENCE
 . . TRANSMISSIVITY
 . . TRANSMITTANCE
 . . TRANSPARENCE
 . . TURBIDITY
 RT ACOUSTO-OPTICS
 ALBEDO
 BIREFRINGENT FILTERS
 CLARITY
 COEFFICIENTS
 COHERENT RADIATION
 CROSS POLARIZATION
 DARKNESS
 DIFFRACTION
 ELECTRICAL PROPERTIES
 ELECTROMAGNETIC ABSORPTION
 EMITTANCE
 EXCITONS
 FARADAY EFFECT
 GEOMETRICAL OPTICS
 GLARE
 GLASS
 GRADIENT INDEX OPTICS
 HAZE
 INFRARED ABSORPTION
 ISOTROPY
 KERR MAGNETOOPTICAL EFFECT
 LIGHT (VISIBLE RADIATION)
 LIGHT TRANSMISSION
 LUMENS
 LUMINANCE
 LUNAR ALBEDO
 METALLIC GLASSES
 OPALESCENCE
 OPTICAL POLARIZATION
 ∞ OPTICS
 ∞ ORIENTATION
 PHOTOELECTRICITY
 PHOTONS
 PHOTOTROPISM
 PHYSICAL OPTICS
 ∞ PHYSICAL PROPERTIES
 POLARIZATION (WAVES)
 ∞ PROPERTIES
 ∞ SOLID STATE PHYSICS
 SURFACE PROPERTIES
 THERMOCHROMATIC MATERIALS
 THERMODYNAMIC PROPERTIES
 VISIBILITY
 WAVE DISPERSION

OPTICAL PUMPING

GS OPTICAL PUMPING
 . LASER PUMPING
 RT ELECTRON PUMPING
 ELECTRON-HOLE DROPS
 EXCIMER LASERS
 GAMMA RAY LASERS
 GLASS LASERS
 HCN LASERS
 KRYPTON FLUORIDE LASERS
 LASER PROPULSION
 LASERS
 MASER PUMPING
 METAL VAPOR LASERS
 NEODYMIUM LASERS
 NUCLEAR PUMPED LASERS
 NUCLEAR PUMPING
 ∞ OPTICS
 PULSE REPETITION RATE
 ∞ PUMPING
 RARE GAS-HALIDE LASERS
 SOLAR-PUMPED LASERS
 STIMULATED EMISSION
 STIMULATED EMISSION DEVICES

OPTICAL PYROMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . OPTICAL PYROMETERS
 . . TEMPERATURE MEASURING
 INSTRUMENTS
 . . OPTICAL PYROMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . OPTICAL PYROMETERS
 RT ∞ OPTICS
 RADIATION PYROMETERS

OPTICAL RADAR

UF LASER RADAR
 LIDAR
 GS RADAR
 . OPTICAL RADAR
 . . DIFFERENTIAL ABSORPTION LIDAR
 RT LASER ALTIMETERS
 LASER APPLICATIONS
 OPTICAL COUNTERMEASURES
 ∞ OPTICS
 OVER-THE-HORIZON RADAR
 RADAR DETECTION

OPTICAL RANGE FINDERS

GS MEASURING INSTRUMENTS
 . DISTANCE MEASURING EQUIPMENT
 . . RANGE FINDERS
 . . . OPTICAL RANGE FINDERS
 LASER RANGE FINDERS
 . . OPTICAL MEASURING INSTRUMENTS
 . . OPTICAL RANGE FINDERS
 . . . LASER RANGE FINDERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . OPTICAL RANGE FINDERS
 . . . LASER RANGE FINDERS
 RT LUNAR RANGEFINDING
 ∞ OPTICS

OPTICAL REFLECTION

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . OPTICAL REFLECTION
 REFLECTION
 . OPTICAL REFLECTION
 RT ANTIREFLECTION COATINGS
 ELECTROMAGNETIC ABSORPTION
 GEOMETRICAL OPTICS
 INCIDENT RADIATION
 INFRARED REFLECTION
 LIGHT TRANSMISSION
 ∞ OPTICS
 REFLECTANCE
 REFLECTED WAVES
 SPREAD REFLECTION

OPTICAL RELAY SYSTEMS

RT ELECTRO-OPTICS
 IMAGING TECHNIQUES
 LASER APPLICATIONS
 OPTICAL DATA PROCESSING
 OPTICAL FILTERS
 OPTICAL RESONATORS
 OPTICAL SWITCHING
 ∞ OPTICS
 PATTERN RECOGNITION
 ∞ SYSTEMS

OPTICAL RESONANCE

GS EMISSION
 . LIGHT EMISSION
 . . LUMINESCENCE
 . . . OPTICAL RESONANCE
 RESONANCE
 . OPTICAL RESONANCE
 RT NUCLEAR PUMPED LASERS
 ∞ OPTICS
 PLASMA RADIATION
 PLASMA SPECTRA
 RESONANCE LINES
 SPECTRUM ANALYSIS

OPTICAL RESONATORS

GS RESONATORS
 . OPTICAL RESONATORS
 RT FIELD MODE THEORY
 LASER MODES
 LASER OUTPUTS
 LASERS
 LIGHT MODULATION
 MIRRORS
 OPTICAL RELAY SYSTEMS
 ∞ OPTICS

OPTICAL SATELLITE TRACKING PROGRAM

RT ∞ OPTICS
 SATELLITE TRACKING

OPTICAL SCANNERS

GS OPTICAL EQUIPMENT
 . OPTICAL SCANNERS
 . . FLYING SPOT SCANNERS
 . . MULTISPECTRAL BAND SCANNERS
 . . . THEMATIC MAPPERS (LANDSAT)
 SCANNERS

OPTICAL SCANNERS--(cont.)

- . **OPTICAL SCANNERS**
- ... FLYING SPOT SCANNERS
- ... MULTISPECTRAL BAND SCANNERS
- ... THEMATIC MAPPERS (LANDSAT)
- RT CHARACTER RECOGNITION
- DATA ACQUISITION
- MONITORS
- ∞ OPTICS
- PHOTON BEAMS
- READERS
- TELEVISION CAMERAS

OPTICAL SENSORS

- USE OPTICAL MEASURING INSTRUMENTS

OPTICAL SIGNALS

- USE OPTICAL COMMUNICATION

OPTICAL SLANT RANGE

- GS DISTANCE
- . **OPTICAL SLANT RANGE**
- RT ∞ OPTICS
- RADAR RANGE

OPTICAL SPECTRUM

- USE LIGHT (VISIBLE RADIATION)
- SPECTRA

OPTICAL SWITCHING

- UF ELECTRO-OPTICAL SWITCHING
- OPTOELECTRONIC SWITCHING
- PHOTONIC SWITCHING
- GS SWITCHING
- . **OPTICAL SWITCHING**
- RT ACOUSTO-OPTICS
- ELECTRO-OPTICS
- INTEGRATED OPTICS
- LIGHT MODULATION
- MAGNETO-OPTICS
- OPTICAL BISTABILITY
- OPTICAL RELAY SYSTEMS
- OPTOELECTRONIC DEVICES
- PHOTONICS
- SEMICONDUCTOR LASERS
- SWITCHING CIRCUITS

OPTICAL THICKNESS

- UF OPTICAL DEPTH
- RT ANTIREFLECTION COATINGS
- FERMAT PRINCIPLE
- ∞ OPTICS
- REFRACTIVITY
- THICKNESS

OPTICAL TRACKING

- UF VISUAL TRACKING
- GS TRACKING (POSITION)
- . **OPTICAL TRACKING**
- RT BALLISTIC CAMERAS
- BORESIGHT ERROR
- BORESIGHTS
- COMPENSATORY TRACKING
- GLOBAL TRACKING NETWORK
- INFRARED TRACKING
- MINITRACK SYSTEM
- MULTIPLE TARGET TRACKING
- MULTISPECTRAL TRACKING
- TELESCOPES
- OCULOMETERS
- ∞ OPTICS
- PHOTOGRAPHIC TRACKING
- RANGE AND RANGE RATE TRACKING
- SPACE DETECTION AND TRACKING
- SYSTEM
- SPACECRAFT TRACKING
- STDN (NETWORK)

OPTICAL TRANSFER FUNCTION

- UF OTF
- GS FUNCTIONS (MATHEMATICS)
- . TRANSFER FUNCTIONS
- . **OPTICAL TRANSFER FUNCTION**
- RT ADAPTIVE OPTICS
- COST ANALYSIS
- FIGURE OF MERIT
- IMAGING TECHNIQUES
- MODULATION TRANSFER FUNCTION
- ∞ OPTICS
- ∞ PERFORMANCE
- SPACEBORNE TELESCOPES
- SYSTEM EFFECTIVENESS
- SYSTEMS ANALYSIS
- SYSTEMS ENGINEERING
- TELESCOPES

OPTICAL TRANSITION

- RT ELECTRON TRANSITIONS
- EMISSION SPECTRA
- FRANCK-CONDON PRINCIPLE
- LASING
- LUMINESCENCE
- ∞ OPTICS

OPTICAL WAVEGUIDES

- GS WAVEGUIDES
- . **OPTICAL WAVEGUIDES**
- ... OPTICAL FIBERS
- RT INTEGRATED OPTICS
- LASER OUTPUTS
- LIGHT BEAMS
- LIGHT TRANSMISSION
- OPTICAL BISTABILITY
- ∞ OPTICS
- PHOTONICS
- WAVEGUIDE LASERS

∞ OPTICS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF OPTICAL METHODS
- RT ACOUSTO-OPTICS
- ADAPTIVE OPTICS
- ANGULAR RESOLUTION
- ASPHERICITY
- ASTIGMATISM
- ATMOSPHERIC OPTICS
- CASSEGRAIN OPTICS
- CAUSTICS (OPTICS)
- CRYSTAL OPTICS
- DEFOCUSING
- DIFFRACTION PATTERNS
- DIFFRACTION PROPAGATION
- ELECTRO-OPTICAL EFFECT
- ELECTRO-OPTICAL PHOTOGRAPHY
- ELECTRO-OPTICS
- ELECTRON OPTICS
- FIBER OPTICS
- FOCI
- FRESNEL LENSES
- GEOMETRICAL OPTICS
- GRADIENT INDEX OPTICS
- HUYGENS PRINCIPLE
- IMAGES
- IMAGING TECHNIQUES
- INTEGRATED OPTICS
- LASER CAVITIES
- LASERS
- LENS DESIGN
- LENSES
- LIGHT (VISIBLE RADIATION)
- LIGHT AMPLIFIERS
- LIGHT EMISSION
- LIGHT MODULATION
- MAGNETO-OPTICS
- MIRRORS
- NONLINEAR OPTICS
- OPTICAL ACTIVITY
- OPTICAL COMMUNICATION
- OPTICAL CORRECTION PROCEDURE
- OPTICAL COUNTERMEASURES
- OPTICAL COUPLING
- OPTICAL DATA PROCESSING
- OPTICAL DATA STORAGE MATERIALS
- OPTICAL DENSITY
- OPTICAL DEPOLARIZATION
- OPTICAL EMISSION SPECTROSCOPY
- OPTICAL EQUIPMENT
- OPTICAL FILTERS
- OPTICAL FLOW (IMAGE ANALYSIS)
- OPTICAL GYROSCOPES
- OPTICAL HETERODYNING
- OPTICAL ILLUSION
- OPTICAL MEASUREMENT
- OPTICAL MEASURING INSTRUMENTS
- OPTICAL MEMORY (DATA STORAGE)
- OPTICAL MICROSCOPES
- OPTICAL PATHS
- OPTICAL POLARIZATION
- OPTICAL PROPERTIES
- OPTICAL PUMPING
- OPTICAL PYROMETERS
- OPTICAL RADAR
- OPTICAL RANGE FINDERS
- OPTICAL REFLECTION
- OPTICAL RELAY SYSTEMS
- OPTICAL RESONANCE
- OPTICAL RESONATORS
- OPTICAL SATELLITE TRACKING
- PROGRAM

OPTICS--(cont.)

- OPTICAL SCANNERS
- OPTICAL SLANT RANGE
- OPTICAL THICKNESS
- OPTICAL TRACKING
- OPTICAL TRANSFER FUNCTION
- OPTICAL TRANSITION
- OPTICAL WAVEGUIDES
- PARALLAX
- PHOTICS
- PHOTOELASTIC ANALYSIS
- PHYSICAL OPTICS
- PREFOCUSING
- QUANTUM OPTICS
- REFLECTION
- RESOLUTION
- SCATTER PLATES (OPTICS)
- ∞ SCIENCE
- SNELLS LAW
- SPECTROSCOPY
- SQUEEZED STATES (QUANTUM THEORY)
- STARLAB
- UNDERWATER OPTICS

OPTIMAL CONTROL

- UF OPTIMUM CONTROL
- GS AUTOMATIC CONTROL
- . **OPTIMAL CONTROL**
- ... H-INFINITY CONTROL
- ... LINEAR QUADRATIC REGULATOR
- ... LINEAR QUADRATIC GAUSSIAN
- CONTROL
- ... TIME OPTIMAL CONTROL
- OPTIMIZATION
- . **OPTIMAL CONTROL**
- ... H-INFINITY CONTROL
- ... LINEAR QUADRATIC REGULATOR
- ... LINEAR QUADRATIC GAUSSIAN
- CONTROL
- ... TIME OPTIMAL CONTROL
- RT ADAPTIVE CONTROL
- ∞ CONTROL
- CONTROL SYSTEMS DESIGN
- CONTROL THEORY
- FEEDBACK CONTROL
- FEEDFORWARD CONTROL
- GENETIC ALGORITHMS
- INVENTORY CONTROLS
- KALMAN-SCHMIDT FILTERING
- MODEL REFERENCE ADAPTIVE
- CONTROL
- MULTIVARIABLE CONTROL
- PARAMETER IDENTIFICATION
- TRACKING PROBLEM
- TRAJECTORY CONTROL

OPTIMIZATION

- UF MINIMIZATION
- REDUCTION (MATHEMATICS)
- GS **OPTIMIZATION**
- . FLIGHT OPTIMIZATION
- . GENETIC ALGORITHMS
- . MATHEMATICAL PROGRAMMING
- . DYNAMIC PROGRAMMING
- . LINEAR PROGRAMMING
- . NONLINEAR PROGRAMMING
- . QUADRATIC PROGRAMMING
- . OPERATIONS RESEARCH
- . OPTIMAL CONTROL
- ... H-INFINITY CONTROL
- ... LINEAR QUADRATIC REGULATOR
- ... LINEAR QUADRATIC GAUSSIAN
- CONTROL
- ... TIME OPTIMAL CONTROL
- . SIMPLEX METHOD
- . TRAJECTORY OPTIMIZATION
- RT ∞ APPLICATIONS OF MATHEMATICS
- BELLMAN THEORY
- BOLZA PROBLEMS
- CONSTRAINTS
- CORRELATION
- ∞ DESIGN
- DESIGN ANALYSIS
- DIFFERENTIAL CALCULUS
- EFFICIENCY
- EXTREMUM VALUES
- GRADIENTS
- HESSIAN MATRICES
- KALMAN FILTERS
- KALMAN-SCHMIDT FILTERING
- LAGRANGE MULTIPLIERS
- LEAST SQUARES METHOD
- MAXIMA
- MINIMA
- PARAMETER IDENTIFICATION

OPTIMIZATION--(cont.)

PENALTY FUNCTION
 PLANNING
 PONTRYAGIN PRINCIPLE
 QUALITY CONTROL
 RANGE (EXTREMES)
 ∞ REDUCTION
 SCHEDULING
 SIMULATED ANNEALING
 STATIC MODELS
 STEEPEST DESCENT METHOD
 STOPPING
 SYSTEM IDENTIFICATION
 TRAJECTORY CONTROL
 WIENER FILTERING

OPTIMUM CONTROL

USE OPTIMAL CONTROL

OPTIMUM THRUST PROGRAMMING

USE THRUST PROGRAMMING

OPTIONS

RT ALTERNATIVES
 CONTRACTS
 SELECTION
 SITE SELECTION
 SUBCONTRACTS

OPTOELECTRONIC DEVICES

GS **OPTOELECTRONIC DEVICES**
 . PHOTODIODES
 . PHOTOTRANSISTORS
 RT ELECTRO-OPTICS
 FIBER OPTICS
 INTEGRATED CIRCUITS
 INTEGRATED OPTICS
 OPTICAL SWITCHING
 PHOTONICS

OPTOELECTRONIC SWITCHING

USE OPTICAL SWITCHING

OPTOGALVANIC SPECTROSCOPY

GS SPECTROSCOPY
 . ABSORPTION SPECTROSCOPY
 . **OPTOGALVANIC SPECTROSCOPY**
 RT FLAME SPECTROSCOPY
 FRAUNHOFER LINES
 GAS SPECTROSCOPY
 INFRARED SPECTROSCOPY
 MOLECULAR SPECTROSCOPY
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 RAMAN SPECTROSCOPY
 ULTRAVIOLET SPECTROSCOPY
 VOLT-AMPERE CHARACTERISTICS

OPTOMETRY

GS OPTICAL MEASUREMENT
 . **OPTOMETRY**
 RT ANASTIGMATISM
 BLINDNESS
 EYE (ANATOMY)
 HAPLOSOPES
 ∞ MEASUREMENT
 MEDICAL SCIENCE
 VISION

OR-GATES

USE GATES (CIRCUITS)

ORAL HYGIENE

GS HYGIENE
 . **ORAL HYGIENE**
 RT CLEANLINESS
 DENTISTRY
 HEALTH
 PUBLIC HEALTH
 TEETH
 TOOTH DISEASES

ORATORY

USE PUBLIC SPEAKING

ORBIS

UF ORBITING RADIO BEACON IONOSPHERIC
 SOUNDER
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . **ORBIS**
 . . . ORBIS CAL SATELLITE
 RT IONOSPHERIC PROPAGATION
 IONOSPHERIC SOUNDING

ORBIS--(cont.)

RADIO BEACONS

ORBIS CAL SATELLITE

GS ARTIFICIAL SATELLITES
 . GRAVITY GRADIENT SATELLITES
 . . **ORBIS CAL SATELLITE**
 . . SCIENTIFIC SATELLITES
 . . . ORBIS
 . . . **ORBIS CAL SATELLITE**
 RT IONOSPHERIC PROPAGATION
 IONOSPHERIC SOUNDING
 RADIO BEACONS

ORBIT CALCULATION

UF SATELLITE ORBIT CALCULATION
 GS COMPUTATION
 . **ORBIT CALCULATION**
 . . MINIMUM VARIANCE ORBIT
 . . DETERMINATION
 RT FLIGHT MECHANICS
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 ORBITAL ELEMENTS
 ORBITAL MECHANICS
 ORBITAL POSITION ESTIMATION
 ORBITAL RESONANCES (CELESTIAL
 MECHANICS)
 QUADRATURES

ORBIT DECAY

RT AERODYNAMIC DRAG
 ATMOSPHERIC ENTRY
 FLIGHT MECHANICS
 ORBITAL MECHANICS
 SATELLITE LIFETIME
 SPACECRAFT BREAKUP

ORBIT EQUATIONS

USE ORBITAL MECHANICS

ORBIT INSERTION

GS INSERTION
 . **ORBIT INSERTION**
 RT ASCENT TRAJECTORIES
 ORBITAL MANEUVERS
 ORBITAL MECHANICS
 PAYLOAD DELIVERY (STS)
 SATELLITE ORBITS
 SPACECRAFT LAUNCHING
 SPACECRAFT MANEUVERS
 SPACECRAFT ORBITS
 TRANSFER ORBITS

ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)

UF OME
 GS ENGINES
 . ROCKET ENGINES
 . . MICROROCKET ENGINES
 . . . **ORBIT MANEUVERING ENGINE**
 . . . (SPACE SHUTTLE)
 RT AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE
 ORBITAL MANEUVERS
 SPACE SHUTTLES

ORBIT PERTURBATION

UF EVECTION
 GS PERTURBATION
 . **ORBIT PERTURBATION**
 . . SATELLITE PERTURBATION
 RT DRIFT RATE
 LONG TERM EFFECTS
 LUNAR EFFECTS
 ORBITAL ELEMENTS
 ORBITAL MECHANICS
 ORBITAL RESONANCES (CELESTIAL
 MECHANICS)
 PERTURBATION THEORY
 SCHACH EFFECT
 VINTI THEORY

ORBIT SPECTRUM UTILIZATION

RT COMMUNICATION SATELLITES
 FREQUENCY ASSIGNMENT
 RADIO RELAY SYSTEMS
 SATELLITE ORBITS
 SYSTEMS ENGINEERING
 TELEVISION SYSTEMS

ORBIT TRANSFER VEHICLES

UF OTV
 GS **ORBIT TRANSFER VEHICLES**

ORBIT TRANSFER VEHICLES--(cont.)

. AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE
 RT INERTIAL UPPER STAGE
 ORBITAL MANEUVERING VEHICLES
 ORBITAL SERVICING
 PAYLOAD DELIVERY (STS)
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 PAYLOAD RETRIEVAL (STS)
 SPACE SHUTTLES
 SPACE TRANSPORTATION
 SPACE TUGS
 ∞ SPACECRAFT
 ∞ VEHICLES

ORBITAL ASSEMBLY

UF CONSTRUCTION IN SPACE
 SPACECRAFT ORBITAL ASSEMBLY
 GS ASSEMBLING
 . **ORBITAL ASSEMBLY**
 RT EXPANDABLE STRUCTURES
 INFLATABLE SPACECRAFT
 SELF ERECTING DEVICES
 SPACE ERECTABLE STRUCTURES
 SPACE OPERATIONS CENTER (NASA)
 SPACE STATION STRUCTURES
 SPACECRAFT MODULES
 SPACECRAFT STRUCTURES

ORBITAL BREAKUP

USE SPACECRAFT BREAKUP

ORBITAL ELEMENTS

RT APSIDES
 ∞ ELEMENTS
 ORBIT CALCULATION
 ORBIT PERTURBATION
 ORBITS
 PERIHELIONS
 PERTURBATION THEORY

ORBITAL FLIGHT TEST 1 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

ORBITAL FLIGHT TEST 2 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

ORBITAL FLIGHT TEST 3 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

ORBITAL FLIGHT TEST 4 (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

ORBITAL FLIGHT TESTS (SHUTTLE)

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

ORBITAL LAUNCHING

SN (LAUNCHING FROM AN
 ORBIT--EXCLUDES LAUNCHING INTO
 ORBIT FROM GROUND)
 GS LAUNCHING
 . ROCKET LAUNCHING
 . . **ORBITAL LAUNCHING**
 RT INTERPLANETARY TRAJECTORIES
 LUNAR LAUNCH
 PAYLOAD DELIVERY (STS)
 SPACECRAFT LAUNCHING
 TRANSFER ORBITS

ORBITAL LIFETIME

RT ATTITUDE CONTROL
 EARTH ORBITS

ORBITAL MANEUVERING VEHICLES

RT ORBIT TRANSFER VEHICLES
 ORBITAL SERVICING
 POWER MODULES (STS)
 REMOTELY PILOTED VEHICLES
 ∞ SPACECRAFT

ORBITAL MANEUVERS

GS MANEUVERS
 . SPACECRAFT MANEUVERS
 . . **ORBITAL MANEUVERS**
 RT ORBIT INSERTION
 ORBIT MANEUVERING ENGINE (SPACE
 SHUTTLE)
 SPACE NAVIGATION

ORBITAL MANEUVERS--(cont.)
SPACE SHUTTLES**ORBITAL MECHANICS**

UF ORBIT EQUATIONS
 GS CLASSICAL MECHANICS
 SPACE MECHANICS
 ORBITAL MECHANICS
 ... KEPLER LAWS
 ... MINIMUM VARIANCE ORBIT DETERMINATION
 RT AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
 APSIDES
 ASTRODYNAMICS
 CELESTIAL MECHANICS
 CIRCULAR ORBITS
 DRIFT RATE
 EARTH ORBITAL RENDEZVOUS
 EARTH ORBITS
 EARTH-MARS TRAJECTORIES
 EARTH-MERCURY TRAJECTORIES
 EARTH-MOON SYSTEM
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 GODDARD TRAJECTORY DETERMINATION SYSTEM
 HANSEN LUNAR THEORY
 HILL LUNAR THEORY
 HILL METHOD
 INTERPLANETARY TRAJECTORIES
 INTERPLANETARY TRANSFER ORBITS
 LAGRANGIAN EQUILIBRIUM POINTS
 LUNAR ORBITAL RENDEZVOUS
 LUNAR ORBITS
 MANY BODY PROBLEM
 MECHANICS (PHYSICS)
 MOON-EARTH TRAJECTORIES
 ORBIT CALCULATION
 ORBIT DECAY
 ORBIT INSERTION
 ORBIT PERTURBATION
 ORBITAL RESONANCES (CELESTIAL MECHANICS)
 ORBITS
 PARKING ORBITS
 PERTURBATION
 PLANETARY LANDING
 POYNTING-ROBERTSON EFFECT
 QUADRATURES
 RENDEZVOUS
 RENDEZVOUS TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SATELLITE ORBITS
 SATELLITE PERTURBATION
 SPACE NAVIGATION
 SPACECRAFT ORBITS
 STATIONKEEPING
 SWINGBY TECHNIQUE
 THRUST PROGRAMMING
 TRAJECTORY ANALYSIS
 TRANSEARTH INJECTION
 TRANSFER ORBITS
 TRANSUNAR INJECTION
 TWENTY-FOUR HOUR ORBITS
 TWO BODY PROBLEM

ORBITAL MOTION
USE ORBITS**ORBITAL POSITION ESTIMATION**

GS ESTIMATING
 ORBITAL POSITION ESTIMATION
 RT CELESTIAL SPHERE
 GODDARD TRAJECTORY DETERMINATION SYSTEM
 NAVIGATION
 ORBIT CALCULATION
 ORIENTATION
 POSITION (LOCATION)
 POSITION ERRORS
 RANGE
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 SPACECRAFT POSITION INDICATORS
 STATE ESTIMATION

ORBITAL RENDEZVOUS

UF SATELLITE RENDEZVOUS
 GS MANEUVERS
 ORBITAL RENDEZVOUS
 ... EARTH ORBITAL RENDEZVOUS
 ... LUNAR ORBITAL RENDEZVOUS

ORBITAL RENDEZVOUS--(cont.)

RENDEZVOUS
 SPACE RENDEZVOUS
 ORBITAL RENDEZVOUS
 ... EARTH ORBITAL RENDEZVOUS
 ... LUNAR ORBITAL RENDEZVOUS
 RT ATLAS LAUNCH VEHICLES
 MULTIPLE DOCKING ADAPTERS
 PAYLOAD RETRIEVAL (STS)
 RENDEZVOUS GUIDANCE
 RENDEZVOUS SPACECRAFT
 RENDEZVOUS TRAJECTORIES
 SPACECRAFT DOCKING
 SPACECRAFT TRAJECTORIES
 TETHERING

ORBITAL RESONANCES (CELESTIAL MECHANICS)

GS RESONANCE
 ORBITAL RESONANCES (CELESTIAL MECHANICS)
 RT ASTRODYNAMICS
 CELESTIAL MECHANICS
 GRAVITATIONAL EFFECTS
 LIBRATION
 LIBRATIONAL MOTION
 ORBIT CALCULATION
 ORBIT PERTURBATION
 ORBITAL MECHANICS
 OSCILLATIONS
 PLANETARY ORBITS
 PLANETARY SYSTEMS
 SATELLITE ORBITS
 SOLAR ORBITS

ORBITAL SERVICING

UF SATELLITE REPAIR
 RT COLUMBUS SPACE STATION
 LARGE SPACE STRUCTURES
 MAN TENDED FREE FLYERS
 MANNED MANEUVERING UNITS
 ORBIT TRANSFER VEHICLES
 ORBITAL MANEUVERING VEHICLES
 PAYLOAD TRANSFER
 SPACE OPERATIONS CENTER (NASA)
 SPACE PLATFORMS
 SPACE SHUTTLE PAYLOADS
 SPACE STATION FREEDOM
 SPACE STATIONS
 SPACE TRANSPORTATION SYSTEM
 SPACE TUGS
 TELEROBOTICS

ORBITAL SHOTS

RT SHOT
 SPACECRAFT LAUNCHING

ORBITAL SIMULATORS

USE SPACE SIMULATORS

ORBITAL SPACE TESTS

RT CRRES (SATELLITE)
 ENVIRONMENTAL TESTS
 LARGE SPACE STRUCTURES
 SPACE MECHANICS
 SPACE STATIONS
 STRUCTURAL ANALYSIS
 TESTS

ORBITAL TEST SATELLITE (ESA)

USE OTS (ESA)

ORBITAL TRANSFER

USE TRANSFER ORBITS

ORBITAL VELOCITY

GS RATES (PER TIME)
 ORBITAL VELOCITY
 VELOCITY
 ORBITAL VELOCITY
 RT ANGULAR VELOCITY
 ESCAPE VELOCITY
 HYPERVELOCITY
 VELOCITY ERRORS

ORBITAL WORKERS

GS PERSONNEL
 FLYING PERSONNEL
 ASTRONAUTS
 ORBITAL WORKERS
 RT ASTRONAUT LOCOMOTION
 EXTRAVEHICULAR ACTIVITY
 SPACE MAINTENANCE
 SPACE TOOLS
 WORK CAPACITY

ORBITAL WORKSHOPS

GS ARTIFICIAL SATELLITES
 ORBITAL WORKSHOPS
 ... SATURN WORKSHOPS
 ... SATURN 1 WORKSHOP
 ... SATURN 5 WORKSHOP
 ... SKYLAB 1
 ... SKYLAB 2
 ... SKYLAB 3
 ... SKYLAB 4
 MANNED SPACECRAFT
 ORBITAL WORKSHOPS
 ... SATURN WORKSHOPS
 ... SATURN 1 WORKSHOP
 ... SATURN 5 WORKSHOP
 ... SKYLAB 1
 ... SKYLAB 2
 ... SKYLAB 3
 RT APOLLO EXTENSION SYSTEM
 CONTAINERLESS MELTS
 MANNED ORBITAL LABORATORIES
 SKYLAB PROGRAM
 SPACE LABORATORIES
 SPACE PROCESSING
 SPACE STATIONS

ORBITALS

GS **ORBITALS**
 ELECTRON ORBITALS
 MOLECULAR ORBITALS
 SLATER ORBITALS
 RT JAHN-TELLER EFFECT
 ORBITS
 SCHWARZSCHILD METRIC

ORBITING ASTRONOMICAL OBSERVATORY

USE OAO

ORBITING DIPOLES

GS ELECTRIC CHARGE
 ELECTRIC DIPOLES
 ORBITING DIPOLES
 RT COMMUNICATION EQUIPMENT
 DIPOLAS

ORBITING FROG OTOLITH

GS ARTIFICIAL SATELLITES
 BIOSATELLITES
 ORBITING FROG OTOLITH
 SPACEBORNE EXPERIMENTS
 ORBITING FROG OTOLITH
 RT BIOLOGICAL EFFECTS
 BIOMETRICS
 BIOTELEMETRY
 INSTRUMENT PACKAGES
 INTERNATIONAL COOPERATION
 ITALIAN SPACE PROGRAM
 OTOLITH ORGANS

ORBITING GEOPHYSICAL OBSERVATORY

USE OGO

ORBITING LUNAR STATIONS

GS ARTIFICIAL SATELLITES
 LUNAR SATELLITES
 ORBITING LUNAR STATIONS
 SPACE STATIONS
 ORBITING LUNAR STATIONS
 LUNAR SPACECRAFT
 LUNAR SATELLITES
 ORBITING LUNAR STATIONS
 STATIONS
 SPACE STATIONS
 ORBITING LUNAR STATIONS
 RT LUNAR BASES
 SPACECRAFT

ORBITING RADIO BEACON IONOSPHERIC SOUNDER

USE ORBIS

ORBITING SOLAR OBSERVATORY

USE OSO

ORBITRONS

RT ELECTRON CLOUDS
 ELECTRON TUBES
 IONIZATION GAGES
 SPACE CHARGE
 VACUUM GAGES

ORBITS

UF ORBITAL MOTION
 PERIODIC ORBITS
 GS **ORBITS**
 . CIRCULAR ORBITS
 . . STATIONARY ORBITS
 . EARTH ORBITS
 . . GEOSYNCHRONOUS ORBITS
 . . TWENTY-FOUR HOUR ORBITS
 . ECCENTRIC ORBITS
 . ELLIPTICAL ORBITS
 . . TRANSFER ORBITS
 . . . INTERPLANETARY TRANSFER ORBITS
 . EQUATORIAL ORBITS
 . . STATIONARY ORBITS
 . LUNAR ORBITS
 . PLANETARY ORBITS
 . SOLAR ORBITS
 . SPACECRAFT ORBITS
 . . SATELLITE ORBITS
 . . . GEOSYNCHRONOUS ORBITS
 . . . PARKING ORBITS
 . . . POLAR ORBITS
 . . . STATIONARY ORBITS
 . . . TWENTY-FOUR HOUR ORBITS
 . . TRANSFER ORBITS
 . . . INTERPLANETARY TRANSFER ORBITS
 . TROJAN ORBITS
 . STELLAR ORBITS
 RT AIRBORNE RANGE AND ORBIT DETERMINATION
 APEXES
 APHELIONS
 APOGEES
 ARTIFICIAL SATELLITES
 ASTRODYNAMICS
 CELESTIAL BODIES
 CELESTIAL MECHANICS
 ∞ CONJUNCTION
 EARTH-VENUS TRAJECTORIES
 EPHEMERIDES
 FLIGHT OPTIMIZATION
 FLIGHT PATHS
 FOUR BODY PROBLEM
 GROUND TRACKS
 ∞ INCLINATION
 INTERPLANETARY FLIGHT
 LUNAR FLIGHT
 MANY BODY PROBLEM
 ∞ MOTION
 ORBITAL ELEMENTS
 ORBITAL MECHANICS
 ORBITALS
 ∞ PATHS
 PERIGEEES
 PERIHELIONS
 QUADRATURES
 ROCHE LIMIT
 SATELLITE GROUND TRACKS
 SCHWARZSCHILD METRIC
 SPACE FLIGHT
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 STATIONKEEPING
 SUBORBITAL FLIGHT
 THREE BODY PROBLEM
 TRAJECTORIES
 TWO BODY PROBLEM

ORCHARDS

RT AGRICULTURE
 BLIGHT
 CITRUS TREES
 CROP GROWTH
 CROP VIGOR
 ∞ CROPS
 CURING
 FARM CROPS
 ∞ FOOD
 FROST DAMAGE
 FRUITS
 IRRIGATION
 NUTS (FRUITS)
 PLANTS (BOTANY)
 RURAL LAND USE
 SILVICULTURE
 TREES (PLANTS)

ORDER-DISORDER TRANSFORMATIONS

RT ATOMIC STRUCTURE
 CRYSTAL DEFECTS
 CRYSTAL LATTICES
 CRYSTAL STRUCTURE

ORDER-DISORDER TRANSFORMATIONS--(cont.)

CRYSTALLOGRAPHY
 HOLES (ELECTRON DEFICIENCIES)
 METALLOGRAPHY
 MICROSTRUCTURE
 MOLECULAR STRUCTURE
 PHASE TRANSFORMATIONS
 SOLID SOLUTIONS
 ∞ TRANSFORMATIONS

ORDNANCE

RT AIR TO SURFACE MISSILES
 AMMUNITION
 ARMOR
 BALLISTICS
 EXPLOSIVES
 GROUND SUPPORT EQUIPMENT
 PYROTECHNICS
 TANKS (COMBAT VEHICLES)
 TRAJECTORIES
 WARFARE
 WEAPON SYSTEMS
 WEAPONS

OREGON

GS NATIONS
 . UNITED STATES
 . . **OREGON**
 RT CASCADE RANGE (CA-OR-WA)
 COLUMBIA RIVER BASIN (ID-OR-WA)

ORES

USE MINERALS

ORGAN WEIGHT

GS WEIGHT (MASS)
 . **ORGAN WEIGHT**

ORGANELLES

GS **ORGANELLES**
 . CHLOROPLASTS
 . ENDOPLASMIC RETICULUM
 . . SARCOPLASMIC RETICULUM
 . LYSOSOMES
 . MITOCHONDRIA
 . NUCLEI (CYTOLOGY)
 RT CELLS (BIOLOGY)
 CYTOLOGY
 CYTOPLASM

ORGANIC ALUMINUM COMPOUNDS

GS ALUMINUM COMPOUNDS
 . **ORGANIC ALUMINUM COMPOUNDS**
 . ORGANOMETALLIC COMPOUNDS
 . **ORGANIC ALUMINUM COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

ORGANIC BORON COMPOUNDS

GS BORON COMPOUNDS
 . **ORGANIC BORON COMPOUNDS**
 . ORGANIC COMPOUNDS
 . **ORGANIC BORON COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS

ORGANIC CHARGE TRANSFER SALTS

GS ORGANIC COMPOUNDS
 . **ORGANIC CHARGE TRANSFER SALTS**
 RT CHARGE TRANSFER DEVICES
 ORGANIC SUPERCONDUCTORS
 ∞ SALTS
 SEMICONDUCTORS (MATERIALS)

ORGANIC CHEMISTRY

RT BIOCHEMISTRY
 ∞ CHEMISTRY
 . CRACKING (CHEMICAL ENGINEERING)
 . CYCLIC COMPOUNDS
 . DIELS-ALDER REACTIONS
 . HISTOCHEMICAL ANALYSIS
 . METHOXY SYSTEMS
 . OPTICAL ACTIVITY
 . PHYSIOCHEMISTRY

ORGANIC COMPOUNDS

GS **ORGANIC COMPOUNDS**
 . ACETYL COMPOUNDS
 . . ACETYLACETONE
 . . ACETYLSALICYLIC ACID
 . AMINO ACIDS
 . . ALANINE
 . . . PHENYLALANINE
 . . ASPARTIC ACID
 . . CYSTEINE

ORGANIC COMPOUNDS--(cont.)

. . DOPA
 . . FOLIC ACID
 . . GLUTAMIC ACID
 . . GLUTAMINE
 . . GLYCINE
 . . HIPPURIC ACID
 . . HISTIDINE
 . . LEUCINE
 . . NORLEUCINE
 . . LYSINE
 . . MELANOIDIN
 . . METHIONINE
 . . THYROXINE
 . . TRYPTOPHAN
 . . TYROSINE
 . CARBOHYDRATES
 . . CITRIC ACID
 . . GLUCOSIDES
 . . . NUCLEOSIDES
 . . . ADENINES
 . . . GUANOSINES
 . . POLYSACCHARIDES
 . . CELLULOSE
 . . . FORTISAN (TRADEMARK)
 . . CHITIN
 . . DEXTRANS
 . . GLYCOGENS
 . . STARCHES
 . . SUGARS
 . . DEXTRANS
 . . INOSITOLS
 . . LACTOSE
 . . MANNITOL
 . . MONOSACCHARIDES
 . . . HEXOSES
 . . . GALACTOSE
 . . . GLUCOSE
 . . . PENTOSE
 . . . RIBOSE
 . . . XYLOSE
 . . SUCROSE
 . CARBOXYLIC ACIDS
 . . ACRYLIC ACID
 . . ALANINE
 . . ASPARTIC ACID
 . . CITRIC ACID
 . . DICARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . ACETIC ACID
 . . . ETHYLENEDIAMINETETRAACETIC ACIDS
 . . . IODOACETIC ACID
 . . . ACETYLSALICYLIC ACID
 . . BENZILIC ACID
 . . BENZOIC ACID
 . . LIPOIC ACID
 . . OLEIC ACID
 . . PALMITIC ACID
 . . PROPIONIC ACID
 . . SEBACIC ACID
 . . VALERIC ACID
 . . FOLIC ACID
 . . FORMHYDROXAMIC ACID
 . . FORMIC ACID
 . . HEXOGENES (TRADEMARK)
 . . LACTIC ACID
 . . LYSINE
 . . NICOTINIC ACID
 . . OXALIC ACID
 . . OXAMIC ACIDS
 . . TRYPTOPHAN
 . . CHOLINE
 . . COENZYMES
 . . ADENOSINE DIPHOSPHATE
 . . ADENOSINE TRIPHOSPHATE
 . . CYCLIC AMP
 . . GLUTATHIONE
 . . THIAMINE
 . . CYCLIC COMPOUNDS
 . . CYCLIC HYDROCARBONS
 . . ANTHRACENE
 . . BENZENE
 . . CHLOROENZENES
 . . COLCHICINE
 . . CYCLOBUTANE
 . . CYCLOHEXANE
 . . CYCLOPROPANE
 . . DURENE
 . . INDENE
 . . MENTHOL
 . . NAPHTHALENE
 . . NAPHTHENES
 . . HETEROCYCLIC COMPOUNDS
 . . ACRIFLAVINE
 . . ADENOSINES

ORGANIC COMPOUNDS--(cont.)

. . . . ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 CYCLIC AMP
 ALKALOIDS
 ATROPINE
 BETAINES
 CAFFEINE
 COLCHICINE
 ERGOTAMINE
 HYOSCINE
 LYSERGINE
 MORPHINE
 NICOTINAMIDE
 NICOTINE
 PILOCARPINE
 RESERPINE
 STRYCHNINE
 TROPYL COMPOUNDS
 ANISOLE
 ASCORBIC ACID
 AZINES
 CYANURATES
 CYANURIC ACID
 MECLIZINE
 METHYLENE BLUE
 PHENOTHIAZINES
 AZOLES
 ACETAZOLAMIDE
 OXAZOLE
 PYRROLES
 CARBAZOLES
 INDOLES
 TRYPTOPHAN
 AZULENE
 BIOFLAVONOIDS
 BIOTIN
 CARNITINE
 CYANOCOBALAMIN
 CYTIDYLIC ACID
 DIMENHYDRINATE
 ENDRIN
 ETHYLENE OXIDE
 FOLIC ACID
 FURANS
 TETRAHYDROFURAN
 GUANETHIDINE
 HMX
 NICOTINIC ACID
 PHTHALOCYANIN
 PHYLLOQUINONE
 PIPERIDINE
 PROMETHAZINE
 PURINES
 ADENINES
 XANTHINES
 CAFFEINE
 GUANINES
 URIC ACID
 PYRIDINES
 PYRIDOXINE
 PYRIMIDINES
 ALLOXAN
 THYMIDINE
 THYMINE
 URACIL
 RDX
 RETINENE
 RIBOFLAVIN
 TETRACYCLINES
 TETRAZOLES
 THIAMINE
 THIAZINE (TRADEMARK)
 TOCOPHEROL
 TRIMETHADIONE
 RHODAMINE
 DIETHYL COMPOUNDS
 DIETHYL ETHER
 DIETHYL HYDROGEN PHOSPHITE
 (DEHP)
 DIMETHYL COMPOUNDS
 DIMETHYLHYDRAZINES
 FLUORINE ORGANIC COMPOUNDS
 FLUOROAMINES
 NITROFLUORAMINES
 TRIFLUOROAMINE OXIDE
 FLUOROCARBONS
 FLUOROHYDROCARBONS
 CARBON TETRAFLUORIDE
 CHLOROFLUOROMETHANE
 FLUOROPOLYMERS
 POLYVINYL FLUORIDE
 KEL-F
 PERFLUOROALKANE
 PERFLUOROGUANIDINE
 HYDROCARBONS

ORGANIC COMPOUNDS--(cont.)

. . . . ALIPHATIC HYDROCARBONS
 ALKANES
 BUTANES
 CETANE
 ETHANE
 HEPTANES
 METHANE
 NITROPROPANE
 NONANES
 OCTANES
 PARAFFINS
 CERESIN
 PENTANES
 NEOPENTANE
 PROPANE
 ALKENES
 BUTENES
 ETHYLENE
 VINYLIDENE
 HEXENES
 PROPYLENE
 TRIENES
 ALKYNES
 ACETYLENE
 OXYACETYLENE
 DIENES
 BUTADIENE
 HEPTADIENE
 HEXADIENE
 POLYBUTADIENE
 CAROTENE
 CHLOROFLUOROMETHANE
 CUBANE
 CYANOACETYLENE
 CYCLIC HYDROCARBONS
 ANTHRACENE
 BENZENE
 CHLOROENZENES
 COLCHICINE
 CYCLOBUTANE
 CYCLOHEXANE
 CYCLOPROPANE
 DURENE
 INDENE
 MENTHOL
 NAPHTHALENE
 NAPHTHENES
 DIPHENYL COMPOUNDS
 DIPHENYL HYDANTOIN
 LIQUEFIED NATURAL GAS
 MESITYLENE
 METHYLENE
 METHYLIDYNE
 NATURAL GAS
 PHENANTHRENE
 PYRENES
 QUINOXALINES
 STILBENE
 TOLUENE
 TRIPHENYLS
 XYLENE
 KEROGEN
 LEAD ORGANIC COMPOUNDS
 LEAD ACETATES
 LIPIDS
 CALCIFEROL
 CASTOR OIL
 FATS
 LIPOPROTEINS
 PHYLLOQUINONE
 RETINENE
 STEROIDS
 CHOLESTEROL
 CORTICOSTEROIDS
 ALDOSTERONE
 HYDROXYCORTICOSTEROID
 CORTISONE
 ESTROGENS
 PROSTAGLANDINS
 TOCOPHEROL
 NUCLEIC ACIDS
 DEOXYRIBONUCLEIC ACID
 RIBONUCLEIC ACIDS
 NUCLEOTIDES
 ADENINES
 ADENOSINES
 ADENOSINE DIPHOSPHATE
 ADENOSINE TRIPHOSPHATE
 CYCLIC AMP
 POLYNUCLEOTIDES
 PYRIDINE NUCLEOTIDES
 URIDYLIC ACID
 ORGANIC BORON COMPOUNDS
 ORGANIC CHARGE TRANSFER SALTS
 ORGANIC GERMANIUM COMPOUNDS

ORGANIC FLUORINE COMPOUNDS

ORGANIC COMPOUNDS--(cont.)

. . . . ORGANIC LIQUIDS
 ORGANIC LITHIUM COMPOUNDS
 ORGANIC PEROXIDES
 ORGANIC PHOSPHORUS COMPOUNDS
 PHOSPHAZENE
 PHOSPHENE
 PHOSPHONITRILES
 URIDYLIC ACID
 ORGANIC SILICON COMPOUNDS
 TRIPHENYL SILICON
 ORGANIC SULFUR COMPOUNDS
 ORGANIC TIN COMPOUNDS
 PENTANONE
 PEPTIDES
 POLYPEPTIDES
 GLUTATHIONE
 HYPERTENSIN
 POLYNUCLEAR ORGANIC COMPOUNDS
 PROPARGYL GROUPS
 PROTEINS
 ALBUMINS
 ASPARTATES
 CALMODULIN
 ELASTIN
 ENZYMES
 ALDOLASE
 AMIDASE
 CARBONIC ANHYDRASE
 CATALASE
 CHOLINESTERASE
 CYTOCHROMES
 HEXOKINASE
 LYSOZYME
 NUCLEASE
 OXIDASE
 PAPAIN
 PEPSIN
 PROTEASE
 THROMBIN
 TRYPSIN
 FIBRIN
 GLOBULINS
 FIBRINOGEN
 GAMMA GLOBULIN
 HEMOGLOBIN
 CARBOXYHEMOGLOBIN
 OXYHEMOGLOBIN
 KERATINS
 LIPOPROTEINS
 MELANIN
 MYOGLOBIN
 PROTEINOIDS
 PROTHROMBIN
 PROTOPROTEINS
 QUINOLINE
 QUINONES
 SEROTONIN
 RT ALCOHOLS
 ALDEHYDES
 ∞ ALIPHATIC COMPOUNDS
 ALKYL COMPOUNDS
 ∞ AROMATIC COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 CHEMICAL EVOLUTION
 ESTERS
 ETHERS
 HYDROXYL COMPOUNDS
 METABOLITES
 METHOXY SYSTEMS
 METHYL COMPOUNDS
 NITROSO COMPOUNDS
 ORGANIC SUPERCONDUCTORS
 ORGANIC WASTES (FUEL CONVERSION)
 ORGANOMETALLIC COMPOUNDS
 ∞ SALTS

ORGANIC COOLANTS

GS COOLANTS
 ORGANIC COOLANTS

ORGANIC COOLED REACTORS

UF ORGEL REACTOR
 GS NUCLEAR REACTORS
 LIQUID COOLED REACTORS
 ORGANIC COOLED REACTORS
 EXPERIMENTAL ORGANIC COOLED
 REACTORS
 RT REACTOR DESIGN
 REACTOR TECHNOLOGY

ORGANIC FLUORINE COMPOUNDS

USE FLUORINE ORGANIC COMPOUNDS

ORGANIC GERMANIUM COMPOUNDS

- GS GERMANIUM COMPOUNDS
 . **ORGANIC GERMANIUM COMPOUNDS**
 . ORGANIC COMPOUNDS
 . **ORGANIC GERMANIUM COMPOUNDS**
 ORGANOMETALLIC COMPOUNDS
 . **ORGANIC GERMANIUM COMPOUNDS**
 RT ∞CHEMICAL COMPOUNDS
 ∞METAL COMPOUNDS

ORGANIC LASERS

- GS STIMULATED EMISSION DEVICES
 . LASERS
 . **ORGANIC LASERS**
 . . DYE LASERS
 RT CARBON DIOXIDE LASERS
 CARBON LASERS
 CHEMICAL LASERS
 GAS LASERS
 INFRARED LASERS
 LIQUID LASERS

ORGANIC LIQUIDS

- GS LIQUIDS
 . **ORGANIC LIQUIDS**
 ORGANIC COMPOUNDS
 . **ORGANIC LIQUIDS**
 RT PYRUVATES
 XANTHIC ACIDS

ORGANIC LITHIUM COMPOUNDS

- GS LITHIUM COMPOUNDS
 . **ORGANIC LITHIUM COMPOUNDS**
 ORGANIC COMPOUNDS
 . **ORGANIC LITHIUM COMPOUNDS**
 ORGANOMETALLIC COMPOUNDS
 . **ORGANIC LITHIUM COMPOUNDS**
 RT ∞CHEMICAL COMPOUNDS
 ∞METAL COMPOUNDS

ORGANIC MATERIALS

- GS **ORGANIC MATERIALS**
 . PEAT
 RT BIODEGRADABILITY
 CARBONACEOUS MATERIALS
 CORK (MATERIALS)
 COTTON FIBERS
 ELASTOMERS
 LINEN
 ∞MATERIALS
 MOLDS
 PAPER (MATERIAL)
 PHASE CHANGE MATERIALS
 PLASTICS
 ∞POLYMERS
 ROSIN
 RUBBER
 SILK
 THERMOCHROMATIC MATERIALS
 WOOD
 WOOL

ORGANIC MODERATED REACTORS

- GS NUCLEAR REACTORS
 . **ORGANIC MODERATED REACTORS**
 . . EXPERIMENTAL ORGANIC COOLED
 REACTORS

ORGANIC NITRATES

- GS ESTERS
 . **ORGANIC NITRATES**
 . . CELLULOSE NITRATE
 . . NITROFORMS
 . . HYDRAZINE NITROFORM
 . . NITROGLYCERIN
 . . PETN
 NITROGEN COMPOUNDS
 . NITRATES
 . **ORGANIC NITRATES**
 . . CELLULOSE NITRATE
 . . NITROFORMS
 . . HYDRAZINE NITROFORM
 . . NITROGLYCERIN
 . . PETN

ORGANIC PEROXIDES

- GS CHALCOGENIDES
 . OXIDES
 . . ANHYDRIDES
 . . PEROXIDES
 . . **ORGANIC PEROXIDES**
 ORGANIC COMPOUNDS
 . **ORGANIC PEROXIDES**
 RT AIR POLLUTION
 HYDROCARBONS

ORGANIC PEROXIDES--(cont.)

INORGANIC PEROXIDES

ORGANIC PHOSPHORUS COMPOUNDS

- GS ORGANIC COMPOUNDS
 . **ORGANIC PHOSPHORUS COMPOUNDS**
 . . PHOSPHAZENE
 . . PHOSPHENE
 . . PHOSPHONITRILES
 . . URIDYLIC ACID
 PHOSPHORUS COMPOUNDS
 . **ORGANIC PHOSPHORUS COMPOUNDS**
 . . PHOSPHAZENE
 . . PHOSPHENE
 . . PHOSPHONITRILES
 . . URIDYLIC ACID
 RT ∞CHEMICAL COMPOUNDS

ORGANIC SEMICONDUCTORS

- GS SEMICONDUCTORS (MATERIALS)
 . **ORGANIC SEMICONDUCTORS**
 RT ∞CHEMICAL COMPOUNDS
 CONDUCTING POLYMERS
 CONDUCTORS
 ORGANIC SUPERCONDUCTORS
 SEMICONDUCTOR DEVICES

ORGANIC SILICON COMPOUNDS

- GS ORGANIC COMPOUNDS
 . **ORGANIC SILICON COMPOUNDS**
 . . TRIPHENYL SILICON
 SILICON COMPOUNDS
 . **ORGANIC SILICON COMPOUNDS**
 . . TRIPHENYL SILICON
 RT ∞CHEMICAL COMPOUNDS

ORGANIC SOLIDS

- RT ASTRONOMICAL SPECTROSCOPY
 COSMIC DUST
 PLANETARY ATMOSPHERES
 SOLIDS

ORGANIC SULFUR COMPOUNDS

- GS ORGANIC COMPOUNDS
 . **ORGANIC SULFUR COMPOUNDS**
 SULFUR COMPOUNDS
 . **ORGANIC SULFUR COMPOUNDS**
 RT ∞CHEMICAL COMPOUNDS

ORGANIC SUPERCONDUCTORS

- GS CONDUCTORS
 . SUPERCONDUCTORS
 . **ORGANIC SUPERCONDUCTORS**
 RT ORGANIC CHARGE TRANSFER SALTS
 ORGANIC COMPOUNDS
 ORGANIC SEMICONDUCTORS

ORGANIC TIN COMPOUNDS

- GS ORGANIC COMPOUNDS
 . **ORGANIC TIN COMPOUNDS**
 ORGANOMETALLIC COMPOUNDS
 . **ORGANIC TIN COMPOUNDS**
 TIN COMPOUNDS
 . **ORGANIC TIN COMPOUNDS**
 RT ∞CHEMICAL COMPOUNDS
 ∞METAL COMPOUNDS

ORGANIC WASTES (FUEL CONVERSION)

- RT ∞CONVERSION
 ENERGY CONVERSION
 GARBAGE
 HUMAN WASTES
 METABOLIC WASTES
 ORGANIC COMPOUNDS
 RESIDUES
 SEWAGE
 SLUDGE
 WASTES

ORGANISMS

- RT ANIMALS
 BIOMASS
 CARBON CYCLE
 DEEP SCATTERING LAYERS
 PLANTS (BOTANY)

ORGANIZATIONS

- UF ASSOCIATIONS
 GS **ORGANIZATIONS**
 . EUROPEAN SPACE AGENCY
 . FEDERATIONS
 . . BUREAUS (ORGANIZATIONS)
 . ISRO

ORGANIZATIONS--(cont.)

- . NORTH ATLANTIC TREATY
 ORGANIZATION (NATO)
 . WORLD METEOROLOGICAL
 ORGANIZATION
 RT TEAMS
 UNITED NATIONS

ORGANIZING

- RT PERSONNEL
 UNIONIZATION

ORGANOMETALLIC COMPOUNDS

- UF METALORGANIC COMPOUNDS
 GS **ORGANOMETALLIC COMPOUNDS**
 . CHLOROPHYLLS
 . FERROCENES
 . . ALKYLFERROCENE
 . HEMOGLOBIN
 . . CARBOXYHEMOGLOBIN
 . OXYHEMOGLOBIN
 . METALLOXANE POLYMER
 . ORGANIC ALUMINIUM COMPOUNDS
 . ORGANIC GERMANIUM COMPOUNDS
 . ORGANIC LITHIUM COMPOUNDS
 . ORGANIC TIN COMPOUNDS
 . PORPHINES
 RT CHELATES
 ∞CHEMICAL COMPOUNDS
 ∞METAL COMPOUNDS
 METALLOIDS
 METALLOSILOXANE POLYMER
 METALORGANIC CHEMICAL VAPOR
 DEPOSITION
 ORGANIC COMPOUNDS
 SYNTHETIC METALS
 TETRABUTYLS

ORGANOMETALLIC POLYMERS

- RT POLYCARBOSILANES
 ∞POLYMERS
 POLYSILANES

ORGANOMETALLIC VAPOR DEPOSITION

- USE METALORGANIC CHEMICAL VAPOR
 DEPOSITION

ORGANS

- SN (FOR SPECIFIC ORGANS, ORGAN
 SUBSTRUCTURES AND ORGAN
 SYSTEMS SEE ANATOMY)
 GS **ORGANS**
 . VISCERA
 RT ANATOMY
 CELLS (BIOLOGY)
 CIRCULATORY SYSTEM
 DIGESTIVE SYSTEM
 GASTROINTESTINAL SYSTEM
 GENITOURINARY SYSTEM
 GLANDS (ANATOMY)
 RESPIRATORY SYSTEM
 SENSE ORGANS
 TISSUES (BIOLOGY)

ORGEL REACTOR

- USE ORGANIC COOLED REACTORS

ORGUEIL METEORITE

- GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CARBONACEOUS METEORITES
 . . . CARBONACEOUS CHONDRITES
 . . . **ORGUEIL METEORITE**
 . . . CHONDRITES
 . . . CARBONACEOUS CHONDRITES
 . . . **ORGUEIL METEORITE**

ORIC CYCLOTRON

- USE OAK RIDGE ISOCRONOUS CYCLOTRON

ORIENTATION

- SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ALIGNMENT
 ATTITUDE (INCLINATION)
 AZIMUTH
 BEARING (DIRECTION)
 BRAGG ANGLE
 COLLIMATION
 CRYSTALLOGRAPHY
 DIRECTIVITY
 EDUCATION

ORIENTATION--(cont.)

FIBER ORIENTATION
FIELD STRENGTH
HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
ISOTROPY
OPTICAL PROPERTIES
ORBITAL POSITION ESTIMATION
PLY ORIENTATION
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POSITION (LOCATION)
POSITIONING
SOUND LOCALIZATION
VERTICAL ORIENTATION
VERTICAL PERCEPTION
VISUAL PERCEPTION

ORIFICE FLOW

GS FLUID FLOW
ORIFICE FLOW
RT CHOKED FLOW
CRITICAL FLOW
∞ FLOW
GAS FLOW
GRAZING FLOW
LAMINAR FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICES
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

ORIFICES

RT ANNULAR DUCTS
APERTURES
CAVITIES
CHOKES (FUEL SYSTEMS)
CHOKES (RESTRICTIONS)
DUCTS
FLOW MEASUREMENT
FLOWMETERS
GAPS
INJECTORS
∞ NOZZLES
OPENINGS
∞ OPERATIONS
ORIFICE FLOW
PORTS (OPENINGS)
SPRAY NOZZLES
THROATS
VENTURI TUBES

ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD

USE OPEN PROJECT

∞ ORIGINS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CAUSES
COORDINATES
DERIVATION
GRAPHS (CHARTS)

ORION (RADIO INTERFEROMETRY NETWORK)

RT RADIO INTERFEROMETERS
RADIO RECEIVERS
TRACKING NETWORKS

ORION AIRCRAFT

USE P-3 AIRCRAFT

ORION CONSTELLATION

GS CONSTELLATIONS
ORION CONSTELLATION
RT OPIK THEORY
ORION NEBULA
SIGMA ORIONIS

ORION NEBULA

GS CELESTIAL BODIES
NEBULAE
ORION NEBULA
HYDROGEN CLOUDS
ORION NEBULA
RT ASTROPHYSICS
CASSIOPEIA A

ORION NEBULA--(cont.)

CRAB NEBULA
GALAXIES
GUM NEBULA
INTERSTELLAR GAS
INTERSTELLAR MATTER
IRREGULAR GALAXIES
MAGELLANIC CLOUDS
MILKY WAY GALAXY
OPIK THEORY
ORION CONSTELLATION
PLANETARY NEBULAE
STELLAR CORONAS
SUPERNOVAE

ORIONID METEORIDS

GS CELESTIAL BODIES
METEOROID SHOWERS
ORIONID METEORIDS
METEORIDS
ORIONID METEORIDS
RT AQUARIID METEORIDS

ORLICZ SPACE

RT SET THEORY

ORNITHOPTER AIRCRAFT

USE RESEARCH AIRCRAFT

ORNSTEIN-UHLENBECK PROCESS

RT ∞ PROCESSES

OROGRAPHIC CLOUDS

USE CAP CLOUDS

OROGRAPHY

GS GEOGRAPHY
OROGRAPHY
GEOLOGY
OROGRAPHY
RT CONES (VOLCANOES)
GEOMORPHOLOGY
ISOSTASY
MARS VOLCANOES
MOUNTAINS
PEAKS (LANDFORMS)
VOLCANOES
VOLCANOLOGY

ORR-SOMMERFELD EQUATIONS

RT ∞ EQUATIONS
FLOW DISTORTION
FLOW STABILITY
FLOW THEORY
QUANTUM MECHANICS
VELOCITY DISTRIBUTION

ORRERIES

USE ASTRONOMICAL MODELS

ORTHICONS

GS ELECTRON TUBES
CAMERA TUBES
ORTHICONS
IMAGE ORTHICONS
RT IMAGE INTENSIFIERS
PHOTOCATHODES
TELEVISION CAMERAS
TELEVISION EQUIPMENT

ORTHO HYDROGEN

GS GASES
ORTHO HYDROGEN
RT HYDROGEN

ORTHO PARA CONVERSION

GS ISOMERIZATION
ORTHO PARA CONVERSION
RT ∞ CONVERSION
PARA HYDROGEN

ORTHOGONAL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
ORTHOGONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
ORTHOGONAL FUNCTIONS
WALSH FUNCTION
RT BESSEL FUNCTIONS
EXPONENTIAL FUNCTIONS
FUNCTION SPACE
HANKEL FUNCTIONS
HYPERBOLIC FUNCTIONS
LAGUERRE FUNCTIONS

ORTHOGONAL FUNCTIONS--(cont.)

LEGENDRE FUNCTIONS
LINEAR TRANSFORMATIONS
MATHIEU FUNCTION
ORTHOGONALITY
ORTHONORMAL FUNCTIONS
QUALITY CONTROL

ORTHOGONAL MULTIPLEXING THEORY

RT PULSE COMMUNICATION
SIGNAL TRANSMISSION
∞ THEORIES
WAVE INTERACTION
WAVELENGTH DIVISION MULTIPLEXING

ORTHOGONALITY

UF KRONECKER PRODUCT
GS MOMENTS
DISTRIBUTION MOMENTS
ORTHOGONALITY
RT COVARIANCE
EXPERIMENT DESIGN
FACTOR ANALYSIS
ORTHOGONAL FUNCTIONS
QUALITY CONTROL

ORTHOGRAPHY

GS LANGUAGES
ORTHOGRAPHY
RT HANDWRITING
INTELLIGIBILITY
LINGUISTICS
SEMANTICS
SYNTAX
WORDS (LANGUAGE)

ORTHONORMAL FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
ORTHONORMAL FUNCTIONS
RT ORTHOGONAL FUNCTIONS
WAVELET ANALYSIS

ORTHOPEDICS

GS MEDICAL SCIENCE
ORTHOPEDICS

ORTHOGRAPHY

GS PHOTOGRAPHY
ORTHOGRAPHY
RT AERIAL PHOTOGRAPHY
COLOR PHOTOGRAPHY
MAPPING

ORTHOSTATIC TOLERANCE

RT BED REST
BLOOD PRESSURE
HEAD DOWN TILT
HUMAN TOLERANCES
LOWER BODY NEGATIVE PRESSURE
POSTURE
TOLERANCES (PHYSIOLOGY)

ORTHOTROPIC CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
ROCKET ENGINE CASES

ORTHOTROPIC PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
ORTHOTROPIC PLATES

ORTHOTROPIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
ORTHOTROPIC SHELLS
RT CYLINDRICAL SHELLS
METAL SHELLS
REINFORCED SHELLS
SHELL STABILITY
THIN WALLED SHELLS

ORTHOTROPISM

RT PLATES (STRUCTURAL MEMBERS)

OSCILLATING CYLINDERS

RT ∞ CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
OSCILLATIONS
VIBRATION

OSCILLATING FLOW

GS FLUID FLOW

OSCILLATING FLOW--(cont.)

- . UNSTEADY FLOW
- . . . **OSCILLATING FLOW**
- RT . . . BUFFETING
- . . . COMPRESSIBILITY EFFECTS
- . . . FLOW DISTORTION
- . . . NONEQUILIBRIUM FLOW
- . . . SMALL PERTURBATION FLOW
- . . . STROUHAL NUMBER

OSCILLATION DAMPERS

- RT ∞ ABSORBERS
- ∞ DAMPERS
- . MAXWELL BODIES
- . NONOSCILLATORY ACTION
- . NONSTABILIZED OSCILLATION
- . NUTATION DAMPERS
- . SPRINGS (ELASTIC)
- . VIBRATION ISOLATORS

OSCILLATIONS

- UF . PHUGOID OSCILLATIONS
- GS . **OSCILLATIONS**
- . . . AIRFOIL OSCILLATIONS
- . . . WING OSCILLATIONS
- . . . ELECTRON OSCILLATIONS
- . . . HARMONIC OSCILLATION
- . . . HYDROFOIL OSCILLATIONS
- . . . MOLECULAR OSCILLATIONS
- . . . NONOSCILLATORY ACTION
- . . . NONSTABILIZED OSCILLATION
- . . . PLASMA OSCILLATIONS
- . . . PRESSURE OSCILLATIONS
- . . . SELF OSCILLATION
- . . . SOUTHERN OSCILLATION
- . . . STABLE OSCILLATIONS
- . . . STELLAR OSCILLATIONS
- . . . SOLAR OSCILLATIONS
- . . . TRANSIENT OSCILLATIONS
- . . . TRANSVERSE OSCILLATION
- . . . H WAVES
- . . . UNDAMPED OSCILLATIONS
- RT . AMPLITUDES
- . BRUNT-VAISALA FREQUENCY
- . CRYSTAL OSCILLATORS
- . DAMPING
- . FEEDBACK
- ∞ MOTION
- . . . NONUNIFORMITY
- . . . ORBITAL RESONANCES (CELESTIAL MECHANICS)
- . . . OSCILLATING CYLINDERS
- . . . OSCILLATORS
- . . . PENDULUMS
- . . . PERIODIC VARIATIONS
- . . . PERTURBATION
- . . . RESONANCE
- . . . RESONANT VIBRATION
- ∞ RHYTHM
- . . . SPACECRAFT MOTION
- . . . SPRINGS (ELASTIC)
- . . . SYNTONY
- . . . TRAVELING WAVE TUBES
- . . . VIBRATION
- . . . VIBRATION TESTS

OSCILLATOR STRENGTHS

- RT . ABSORPTION SPECTRA
- . ABSORPTIVITY
- . ELECTRON OSCILLATIONS
- . ELECTRON TRANSITIONS
- . LINE SPECTRA
- . MOLECULAR OSCILLATIONS
- . MOLECULAR OSCILLATORS
- . OSCILLATORS
- . SPECTRAL LINE WIDTH

OSCILLATORS

- UF . WAVE OSCILLATORS
- GS . **OSCILLATORS**
- . . . AUTODYNES
- . . . CRYSTAL OSCILLATORS
- . . . PIEZOELECTRIC CRYSTALS
- . . . HARMONIC OSCILLATORS
- . . . MECHANICAL OSCILLATORS
- . . . PENDULUMS
- . . . GYROSCOPIC PENDULUMS
- . . . MICROWAVE OSCILLATORS
- . . . MAGNETRONS
- . . . NIGOTRONS
- . . . MOLECULAR OSCILLATORS
- . . . RELAXATION OSCILLATORS
- . . . PHANTASTRONS
- . . . SYNCHRONIZED OSCILLATORS
- . . . VACUUM TUBE OSCILLATORS

OSCILLATORS--(cont.)

- . VOLTAGE CONTROLLED OSCILLATORS
- RT . AMPLIFIERS
- . AUTOMATIC FREQUENCY CONTROL
- . CAVITY RESONATORS
- . CIRCUITS
- . ELECTRON TUBES
- . FEEDBACK
- . FEEDBACK AMPLIFIERS
- . FLIP-FLOPS
- . FREQUENCY PULLING
- . FREQUENCY STABILITY
- . FREQUENCY SYNTHESIZERS
- . HARMONIC GENERATORS
- . INVERTERS
- . MICROWAVE TUBES
- ∞ MOTION
- . . . MULTIVIBRATORS
- . . . NEGATIVE FEEDBACK
- . . . NONOSCILLATORY ACTION
- . . . NONSTABILIZED OSCILLATION
- . . . OSCILLATIONS
- . . . OSCILLATOR STRENGTHS
- . . . PARAMETRONS
- . . . PERIODIC VARIATIONS
- . . . PERTURBATION
- . . . POSITIVE FEEDBACK
- . . . RESONANT FREQUENCIES
- . . . RESONATORS
- . . . SELF EXCITATION
- . . . SEMICONDUCTOR DEVICES
- . . . SIGNAL GENERATORS
- . . . SOLID STATE DEVICES
- . . . SUBHARMONIC GENERATORS
- . . . SUPERCONDUCTING CAVITY
- . . . RESONATORS
- . . . TRANSFORMERS
- . . . VIBRATION

OSCILLOGRAMS

- USE . OSCILLOGRAPHS

OSCILLOGRAPHS

- UF . OSCILLOGRAMS
- GS . MEASURING INSTRUMENTS
- . . . **OSCILLOGRAPHS**
- . . . RECORDING INSTRUMENTS
- . . . **OSCILLOGRAPHS**
- RT . BARKHAUSEN EFFECT
- . . . ELECTRICAL MEASUREMENT
- . . . OSCILLOSCOPES
- . . . TIME MEASUREMENT

OSCILLOSCOPES

- RT . CATHODE RAY TUBES
- . ELECTRONIC EQUIPMENT TESTS
- . FLYING SPOT SCANNERS
- . FREQUENCY ANALYZERS
- . OSCILLOGRAPHS
- . SWEEP CIRCUITS
- . SWEEP FREQUENCY
- . SYNCHROSCOPES
- . VIDEO EQUIPMENT

OSCULATIONS

- USE . DOUBLE CUSPS

OSEEN APPROXIMATION

- GS . ANALYSIS (MATHEMATICS)
- . . . NUMERICAL ANALYSIS
- . . . APPROXIMATION
- . . . **OSEEN APPROXIMATION**
- RT . INCOMPRESSIBLE FLUIDS
- . . . NAVIER-STOKES EQUATION
- . . . ROSHKO PREDICTION
- . . . STOKES FLOW
- . . . VISCOUS FLUIDS

OSMIUM

- GS . CHEMICAL ELEMENTS
- . . . **OSMIUM**
- . . . OSMIUM ISOTOPES
- . . . METALS
- . . . REFRACTORY METALS
- . . . **OSMIUM**
- . . . OSMIUM ISOTOPES
- . . . TRANSITION METALS
- . . . **OSMIUM**
- . . . OSMIUM ISOTOPES
- . . . REFRACTORY MATERIALS
- . . . REFRACTORY METALS
- . . . **OSMIUM**
- . . . OSMIUM ISOTOPES

OSMIUM ALLOYS

- GS . ALLOYS
- . . . HEAT RESISTANT ALLOYS
- . . . REFRACTORY METAL ALLOYS
- . . . **OSMIUM ALLOYS**
- . . . REFRACTORY MATERIALS
- . . . REFRACTORY METAL ALLOYS
- . . . **OSMIUM ALLOYS**

OSMIUM COMPOUNDS

- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 8 COMPOUNDS
- ∞ METAL COMPOUNDS

OSMIUM ISOTOPES

- GS . CHEMICAL ELEMENTS
- . . . **OSMIUM**
- . . . **OSMIUM ISOTOPES**
- . . . METALS
- . . . REFRACTORY METALS
- . . . **OSMIUM**
- . . . **OSMIUM ISOTOPES**
- . . . TRANSITION METALS
- . . . **OSMIUM**
- . . . **OSMIUM ISOTOPES**
- . . . REFRACTORY MATERIALS
- . . . REFRACTORY METALS
- . . . **OSMIUM**
- . . . **OSMIUM ISOTOPES**

OSMOMETERS

- GS . MEASURING INSTRUMENTS
- . . . PRESSURE GAGES
- . . . **OSMOMETERS**

OSMOSIS

- UF . HYPERTONIA
- . . . OSMOTIC PRESSURE
- GS . **OSMOSIS**
- . . . REVERSE OSMOSIS
- RT . CELL MEMBRANES (BIOLOGY)
- . . . DEMINERALIZING
- . . . DESALINIZATION
- . . . DIAPHRAGMS (MECHANICS)
- . . . DIFFUSION
- . . . EXTRACTION
- . . . HOMEOSTASIS
- . . . ISOTONICITY
- . . . MEMBRANES
- . . . PERMEATING
- . . . PRESSURE
- ∞ SEPARATION
- . . . WATER BALANCE

OSMOTIC PRESSURE

- USE . OSMOSIS

OSO

- UF . ORBITING SOLAR OBSERVATORY
- GS . ARTIFICIAL SATELLITES
- . . . GEOPHYSICAL SATELLITES
- . . . **OSO**
- . . . OSO-C
- . . . OSO-1
- . . . OSO-2
- . . . OSO-3
- . . . OSO-4
- . . . OSO-5
- . . . OSO-6
- . . . OSO-7
- . . . OSO-8
- . . . OBSERVATORIES
- . . . ASTRONOMICAL OBSERVATORIES
- . . . ASTRONOMICAL SATELLITES
- . . . **OSO**
- . . . AOSO
- . . . OSO-1
- . . . OSO-2
- . . . OSO-3
- . . . OSO-4
- . . . OSO-5
- . . . OSO-6
- . . . OSO-7
- . . . OSO-8
- . . . GEOPHYSICAL OBSERVATORIES
- . . . **OSO**
- . . . OSO-C
- . . . OSO-1
- . . . OSO-2
- . . . OSO-3
- . . . OSO-4
- . . . OSO-5
- . . . OSO-6
- . . . OSO-7
- . . . OSO-8

OSO--(cont.)

. SOLAR OBSERVATORIES
 . . . **OSO**
 . . . AOSO
 . . . OSO-C
 . . . OSO-1
 . . . OSO-2
 . . . OSO-3
 . . . OSO-4
 . . . OSO-5
 . . . OSO-6
 . . . OSO-7
 . . . OSO-8
 RT SUN
 THOR DELTA LAUNCH VEHICLE

OSO-A

USE OSO-1

OSO-B

USE OSO-2

OSO-C

UF S-57 SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-C**
 OBSERVATORIES
 . GEOPHYSICAL OBSERVATORIES
 . . OSO
 . . . **OSO-C**
 SOLAR OBSERVATORIES
 . . OSO
 . . . **OSO-C**
 RT DELTA LAUNCH VEHICLE

OSO-D

USE OSO-4

OSO-E

USE OSO-3

OSO-F

USE OSO-5

OSO-G

USE OSO-6

OSO-H

USE OSO-7

OSO-J

USE OSO-8

OSO-1

UF OSO-A
 S-16 SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-1**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-1**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-1**
 SOLAR OBSERVATORIES
 . . OSO
 **OSO-1**
 RT DELTA LAUNCH VEHICLE

OSO-2

UF OSO-B
 S-17 SATELLITE
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-2**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-2**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-2**
 SOLAR OBSERVATORIES
 . . OSO
 **OSO-2**
 RT DELTA LAUNCH VEHICLE

OSO-3

UF OSO-E
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-3**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-3**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-3**
 SOLAR OBSERVATORIES
 . . OSO
 . . . **OSO-3**

OSO-4

UF OSO-D
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-4**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-4**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-4**
 SOLAR OBSERVATORIES
 . . OSO
 **OSO-4**
 RT DELTA LAUNCH VEHICLE

OSO-5

UF OSO-F
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-5**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-5**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-5**
 SOLAR OBSERVATORIES
 . . OSO
 . . . **OSO-5**

OSO-6

UF OSO-G
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-6**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-6**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-6**
 SOLAR OBSERVATORIES
 . . OSO
 . . . **OSO-6**

OSO-7

UF OSO-H
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-7**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-7**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-7**
 SOLAR OBSERVATORIES
 . . OSO
 **OSO-7**
 RT DUAL SPIN SPACECRAFT

OSO-8

UF OSO-J
 GS ARTIFICIAL SATELLITES

OSO-8--(cont.)

. GEOPHYSICAL SATELLITES
 . . OSO
 . . . **OSO-8**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . OSO
 **OSO-8**
 GEOPHYSICAL OBSERVATORIES
 . . OSO
 **OSO-8**
 SOLAR OBSERVATORIES
 . . OSO
 . . . **OSO-8**

OSPREY AIRCRAFT

USE V-22 AIRCRAFT

OSPREY MISSILE

GS MISSILES
 . **OSPREY MISSILE**
 RT J-85 ENGINE

OSS-1 PAYLOAD

GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **OSS-1 PAYLOAD**
 RT EXPLORATION
 GET AWAY SPECIALS (STS)
 INVESTIGATION
 NASA PROGRAMS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

OSTA-1 PAYLOAD

SN (OFFICE OF SPACE & TERRESTRIAL
 APPLICATIONS PAYLOADS)
 UF OFFICE OF SPACE & TERRESTRIAL APPLIC
 PAYLOADS
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **OSTA-1 PAYLOAD**
 RT SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

OSTA-2 PAYLOAD

SN (OFFICE OF SPACE & TERRESTRIAL
 APPLICATIONS PAYLOADS)
 UF OFFICE OF SPACE & TERRESTRIAL APPLIC
 PAYLOADS
 GS PAYLOADS
 . **OSTA-2 PAYLOAD**
 RT SPACE TRANSPORTATION SYSTEM
 SPACELAB

OSTA-3 PAYLOAD

SN (OFFICE OF SPACE & TERRESTRIAL
 APPLICATIONS PAYLOADS)
 UF OFFICE OF SPACE & TERRESTRIAL APPLIC
 PAYLOADS
 GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **OSTA-3 PAYLOAD**
 RT REMOTE SENSING
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS
 SPACECRAFT EQUIPMENT

OSTEOPOROSIS

GS DISEASES
 . **OSTEOPOROSIS**
 RT BONE DEMINERALIZATION
 BONE MINERAL CONTENT
 BONES
 CALCIUM METABOLISM
 METABOLISM

OT-2

USE ESSA 2 SATELLITE

OT-3

USE ESSA 1 SATELLITE

OTF

USE OPTICAL TRANSFER FUNCTION

OTOLARYNGOLOGY

GS MEDICAL SCIENCE
 . **OTOLARYNGOLOGY**
 RT EAR

OTOLITH ORGANS

GS ANATOMY

OTOLITH ORGANS--(cont.)

- . SENSE ORGANS
- . . . EAR
- . . . LABYRINTH
- **OTOLITH ORGANS**
- . . . GRAVIRECEPTORS
- **OTOLITH ORGANS**
- . RECEPTORS (PHYSIOLOGY)
- . . GRAVIRECEPTORS
- . . . **OTOLITH ORGANS**
- RT OCULOGRAVIC ILLUSIONS
- ORBITING FROG OTOLITH
- SEMICIRCULAR CANALS
- VERTICAL PERCEPTION

OTOLOGY

- GS MEDICAL SCIENCE
- . **OTOLOGY**
- RT EAR

OTS (ESA)

- UF ORBITAL TEST SATELLITE (ESA)
- GS ARTIFICIAL SATELLITES
- . ESA SATELLITES
- . . . **OTS (ESA)**
- . ESA SPACECRAFT
- . . ESA SATELLITES
- . . . **OTS (ESA)**
- RT EUROPEAN COMMUNICATIONS
- SATELLITE
- EUROPEAN SPACE PROGRAMS

OTTO CYCLE

- GS CYCLES
- . THERMODYNAMIC CYCLES
- . . **OTTO CYCLE**
- RT RANKINE CYCLE

OTV

- USE ORBIT TRANSFER VEHICLES

OUTCROPS

- RT FOLDS (GEOLOGY)
- FORMATIONS
- GEOLOGY

OUTER BANKS (NC)

- GS LANDFORMS
- . BARRIERS (LANDFORMS)
- . . **OUTER BANKS (NC)**
- RT ATLANTIC OCEAN
- ISLANDS
- NORTH CAROLINA

OUTER PLANET MISSIONS

- USE GRAND TOURS

OUTER PLANET SPACECRAFT

- USE OUTER PLANETS EXPLORERS

OUTER PLANETS EXPLORERS

- UF OUTER PLANET SPACECRAFT
- PLANETARY EXPLORER
- RT DELTA LAUNCH VEHICLE
- EXPLORER SATELLITES
- FLYBY MISSIONS
- GRAND TOURS
- INTERPLANETARY FLIGHT
- MARS PROBES
- SPACECRAFT
- TOPS (SPACECRAFT)
- VENUS PROBES

OUTER RADIATION BELT

- GS PARTICLES
- . CHARGED PARTICLES
- . . MAGNETICALLY TRAPPED PARTICLES
- . . . RADIATION BELTS
- **OUTER RADIATION BELT**
- . TRAPPED PARTICLES
- . . MAGNETICALLY TRAPPED PARTICLES
- . . . RADIATION BELTS
- **OUTER RADIATION BELT**
- RT ARTIFICIAL RADIATION BELTS
- INNER RADIATION BELT
- PROTON BELTS
- ∞ RADIATION

OUTER SPACE TREATY

- GS FOREIGN POLICY
- . INTERNATIONAL RELATIONS
- . . INTERNATIONAL COOPERATION
- . . . **OUTER SPACE TREATY**
- RT CONVENTIONS

OUTER SPACE TREATY--(cont.)

- INTERNATIONAL LAW
- RESEARCH AND DEVELOPMENT
- RESOURCE ALLOCATION
- SPACE LAW

OUTGASSING

- RT DEGASSING
- DESORPTION
- EVOLUTION (LIBERATION)
- GAS EVOLUTION
- PURGING
- RESIDUAL GAS
- TRANSPIRATION
- VACUUM
- VACUUM PUMPS

OUTLET FLOW

- GS FLUID FLOW
- . **OUTLET FLOW**
- RT CASCADE FLOW
- CHANNEL FLOW
- ∞ FLOW
- FLOW CHARACTERISTICS
- NOZZLE FLOW

OUTLETS

- GS **OUTLETS**
- . VENTS
- RT APERTURES
- CAVITIES
- ∞ DISCHARGE
- DOORS
- DUCTS
- EGRESS
- EXHAUST NOZZLES
- EXHAUST SYSTEMS
- GATES (OPENINGS)
- ∞ NOZZLES
- OPENINGS
- OUTPUT
- PIPE NOZZLES
- PLUGS
- PORTS (OPENINGS)
- ∞ TERMINALS

OUTLETS (GEOLOGY)

- USE ESTUARIES

OUTLIERS (LANDFORMS)

- UF KLIPPEN
- GS LANDFORMS
- . **OUTLIERS (LANDFORMS)**
- RT FORMATIONS
- ROCKS
- SOIL EROSION

OUTLIERS (STATISTICS)

- RT MATHEMATICAL MODELS
- PROBABILITY THEORY
- STATISTICAL ANALYSIS
- STATISTICAL DISTRIBUTIONS
- STATISTICAL TESTS

OUTPUT

- UF DUMMY LOADS
- GS **OUTPUT**
- . CARDIAC OUTPUT
- . . HEART MINUTE VOLUME
- . . STROKE VOLUME
- . . LASER OUTPUTS
- . MASER OUTPUTS
- RT ∞ CAPACITY
- CATCHERS
- COMPUTER SYSTEMS PERFORMANCE
- DELIVERY
- EFFLUX
- INPUT
- OUTLETS
- ∞ PERFORMANCE
- POWER CONDITIONING
- PRINTOUTS
- ∞ PRODUCTION
- PRODUCTS
- READOUT
- SUPPLYING
- TRACKING PROBLEM
- TRANSFER FUNCTIONS
- TRANSMISSION
- YIELD

OV-1 AIRCRAFT

- UF AO-1 AIRCRAFT
- GRUMMAN OV-1C AIRCRAFT
- MOHAWK AIRCRAFT

OV-1 AIRCRAFT--(cont.)

- GS GRUMMAN AIRCRAFT
- . **OV-1 AIRCRAFT**
- JET AIRCRAFT
- . TURBOPROP AIRCRAFT
- . . **OV-1 AIRCRAFT**
- MONOPLANES
- . **OV-1 AIRCRAFT**
- OBSERVATION AIRCRAFT
- . **OV-1 AIRCRAFT**
- RT ∞ AIRCRAFT

OV-1 SATELLITES

- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . . **OV-1 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
- SPIN STABILIZATION

OV-2 SATELLITES

- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . . **OV-2 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
- SPIN STABILIZATION

OV-3 SATELLITES

- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . . **OV-3 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
- SPIN STABILIZATION

OV-4 SATELLITES

- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . . **OV-4 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
- SPIN STABILIZATION

OV-5 SATELLITES

- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . . **OV-5 SATELLITES**
- RT GRAVITY GRADIENT SATELLITES
- SPIN STABILIZATION

OV-10 AIRCRAFT

- UF NA-300 AIRCRAFT
- GS ATTACK AIRCRAFT
- . **OV-10 AIRCRAFT**
- COIN AIRCRAFT
- . **OV-10 AIRCRAFT**
- JET AIRCRAFT
- . TURBOPROP AIRCRAFT
- . . **OV-10 AIRCRAFT**
- MONOPLANES
- . **OV-10 AIRCRAFT**
- NORTH AMERICAN AIRCRAFT
- . **OV-10 AIRCRAFT**
- OBSERVATION AIRCRAFT
- . **OV-10 AIRCRAFT**
- RECONNAISSANCE AIRCRAFT
- . **OV-10 AIRCRAFT**
- RT ∞ AIRCRAFT

OVARIES

- GS ANATOMY
- . GENITOURINARY SYSTEM
- . . REPRODUCTIVE SYSTEMS
- . . . SEX GLANDS
- . . . GONADS
- **OVARIES**
- GLANDS (ANATOMY)
- . . . ENDOCRINE GLANDS
- . . . GONADS
- **OVARIES**
- . . . SEX GLANDS
- . . . GONADS
- **OVARIES**
- RT EGGS
- MENSTRUATION

OVENS

- GS HEATING EQUIPMENT
- . **OVENS**
- RT BAKING
- DRY HEAT
- FURNACES
- WASTE ENERGY UTILIZATION

OVER-THE-HORIZON RADAR

- GS RADAR
- . SEARCH RADAR

OVER-THE-HORIZON RADAR--(cont.)

RT . . . **OVER-THE-HORIZON RADAR**
 . . . EARLY WARNING SYSTEMS
 . . . MOVING TARGET INDICATORS
 . . . OPTICAL RADAR
 . . . RADAR DETECTION
 . . . RADAR RANGE

OVERCAST

USE CLOUD COVER

OVERCOMPRESSION

USE OVERCONSOLIDATION

OVERCONSOLIDATION

UF OVERCOMPRESSION
 RT CONSOLIDATION
 FOUNDATIONS

OVERHAUSER EFFECT

RT ∞ EFFECTS
 . . . MAGNETIC RESONANCE
 . . . NUCLEAR SPIN
 ∞ POLARIZATION
 RESONANCE

OVERPRESSURE

GS PRESSURE
 . . . **OVERPRESSURE**
 RT BLAST LOADS
 DYNAMIC PRESSURE

OVERTONES

USE HARMONICS

OVERVOLTAGE

RT CIRCUIT PROTECTION
 DECOMPOSITION
 ELECTRIC POTENTIAL
 GEIGER COUNTERS
 OPEN CIRCUIT VOLTAGE
 POLARIZATION (CHARGE SEPARATION)
 SURGES

OXALATES

GS **OXALATES**
 . . . COBALT OXALATES
 RT OXALIC ACID
 ∞ OXYGEN COMPOUNDS

OXALIC ACID

GS ACIDS
 . . . CARBOXYLIC ACIDS
 . . . **OXALIC ACID**
 . . . ORGANIC COMPOUNDS
 . . . CARBOXYLIC ACIDS
 . . . **OXALIC ACID**
 RT OXALATES

OXAMIC ACIDS

GS ACIDS
 . . . CARBOXYLIC ACIDS
 . . . **OXAMIC ACIDS**
 . . . NITROGEN COMPOUNDS
 . . . AMIDES
 . . . **OXAMIC ACIDS**
 . . . ORGANIC COMPOUNDS
 . . . CARBOXYLIC ACIDS
 . . . **OXAMIC ACIDS**

OXAZOLE

GS ORGANIC COMPOUNDS
 . . . CYCLIC COMPOUNDS
 . . . HETEROCYCLIC COMPOUNDS
 . . . AZOLES
 . . . **OXAZOLE**

OXIDASE

GS ACIDS
 . . . **OXIDASE**
 . . . BIOPOLYMERS
 . . . PROTEINS
 . . . ENZYMES
 . . . **OXIDASE**
 . . . ORGANIC COMPOUNDS
 . . . PROTEINS
 . . . ENZYMES
 . . . **OXIDASE**

OXIDATION

GS CHEMICAL REACTIONS
 . . . **OXIDATION**
 . . . ELECTROCHEMICAL OXIDATION
 . . . PHOTOOXIDATION

OXIDATION--(cont.)

RT . . . RUSTING
 . . . ASSOCIATION REACTIONS
 . . . CHARRING
 . . . CHEMICAL ATTACK
 . . . COMBUSTION
 . . . COMBUSTION CHEMISTRY
 . . . CORROSION
 . . . DEGRADATION
 . . . DEHYDROGENATION
 . . . DOPA
 . . . ELECTRON TRANSFER
 . . . EPOXIDATION
 . . . EROSION BURNING
 . . . FUEL COMBUSTION
 . . . HOT CORROSION
 . . . HYDROCARBON COMBUSTION
 . . . METAL COMBUSTION
 . . . OXIDIZERS
 . . . OXYGENATION
 . . . PASSIVITY
 . . . REDUCTION (CHEMISTRY)
 . . . ROASTING
 . . . THERMAL RESISTANCE
 . . . TURBULENT COMBUSTION

OXIDATION RESISTANCE

GS CORROSION RESISTANCE
 . . . **OXIDATION RESISTANCE**
 RT PASSIVITY
 ∞ RESISTANCE
 . . . RUSTING
 . . . SILICONIZING
 . . . THERMAL RESISTANCE

OXIDATION-REDUCTION REACTIONS

GS CHEMICAL REACTIONS
 . . . **OXIDATION-REDUCTION REACTIONS**
 RT ELECTROCHEMISTRY
 REDUCTION (CHEMISTRY)

OXIDE FILMS

RT CATHODIC COATINGS
 ∞ FILMS
 . . . METAL OXIDES
 . . . METAL SURFACES
 . . . SURFACE LAYERS
 . . . THIN FILMS

OXIDES

GS CHALCOGENIDES
 . . . **OXIDES**
 . . . ANHYDRIDES
 . . . PEROXIDES
 . . . INORGANIC PEROXIDES
 . . . ORGANIC PEROXIDES
 . . . SODIUM PEROXIDES
 . . . BORON OXIDES
 . . . BRUCITE
 . . . CARBON MONOXIDE
 . . . CARBON SUBOXIDES
 . . . CHLORINE OXIDES
 . . . DIOXIDES
 . . . CARBON DIOXIDE
 . . . FLINT
 . . . HYDROGEN PEROXIDE
 . . . SILICON DIOXIDE
 . . . QUARTZ
 . . . COESITE
 . . . STISHOVITE
 . . . SULFUR DIOXIDES
 . . . GERMANIUM OXIDES
 . . . HEAVY WATER
 . . . METAL OXIDES
 . . . ALKALINE EARTH OXIDES
 . . . BARIUM OXIDES
 . . . BERYLLIUM OXIDES
 . . . CALCIUM OXIDES
 . . . AKERMANITE
 . . . MAGNESIUM OXIDES
 . . . AKERMANITE
 . . . PERICLASE
 . . . ALUMINUM OXIDES
 . . . SAPPHIRE
 . . . BISMUTH OXIDES
 . . . CERIUM OXIDES
 . . . CESIUM OXIDES
 . . . CHROMIUM OXIDES
 . . . COBALT OXIDES
 . . . COPPER OXIDES
 . . . GALLIUM OXIDES
 . . . HAFNIUM OXIDES
 . . . IRON OXIDES
 . . . HEMATITE
 . . . ILMENITE

OXIDES--(cont.)

. . . MAGNETITE
 . . . LANTHANUM OXIDES
 . . . LEAD OXIDES
 . . . LITHIUM OXIDES
 . . . MANGANESE OXIDES
 . . . HOPCALITE (TRADEMARK)
 . . . MERCURY OXIDES
 . . . MIXED OXIDES
 . . . BSCCO SUPERCONDUCTORS
 . . . YBCO SUPERCONDUCTORS
 . . . MOLYBDENUM OXIDES
 . . . NICKEL OXIDES
 . . . NIOBIUM OXIDES
 . . . PLATINUM OXIDES
 . . . PLUTONIUM OXIDES
 . . . POTASSIUM OXIDES
 . . . SCANDIUM OXIDES
 . . . SILVER OXIDES
 . . . SODIUM PEROXIDES
 . . . STRONTIUM OXIDES
 . . . TANTALUM OXIDES
 . . . THORIUM OXIDES
 . . . TIN OXIDES
 . . . TITANIUM OXIDES
 . . . ANATASE
 . . . ILMENITE
 . . . RUTILE
 . . . TUNGSTEN OXIDES
 . . . SCHEELITE
 . . . URANIUM OXIDES
 . . . VANADIUM OXIDES
 . . . YTTRIUM OXIDES
 . . . ZINC OXIDES
 . . . ZIRCONIUM OXIDES
 . . . NITROGEN OXIDES
 . . . NITRIC OXIDE
 . . . NITROGEN DIOXIDE
 . . . NITROGEN TETROXIDE
 . . . NITROUS OXIDES
 . . . PHOSPHORUS OXIDES
 . . . PYROXENES
 . . . ENSTATITE
 . . . SELENIUM OXIDES
 . . . SILICON OXIDES
 . . . MUSCOVITE
 . . . NEPHELINE
 . . . SILICON DIOXIDE
 . . . QUARTZ
 . . . COESITE
 . . . STISHOVITE
 . . . SPODUMENE
 . . . SULFUR OXIDES
 . . . SULFUR DIOXIDES
 RT ANODIC COATINGS
 CATHODIC COATINGS
 ETHYLENE OXIDE
 EUXENITE
 INSULATION
 METAL COATINGS
 NIOBATES
 NONFLAMMABLE MATERIALS
 ∞ OXYGEN COMPOUNDS
 WATER

OXIDIZERS

GS **OXIDIZERS**
 . . . HIGH ENERGY OXIDIZERS
 . . . LIQUID OXIDIZERS
 . . . LIQUID OXYGEN
 . . . PHOTOCHEMICAL OXIDANTS
 . . . ROCKET OXIDIZERS
 . . . FLOX
 . . . TAGN
 RT ∞ AGENTS
 . . . AIR POLLUTION
 . . . FLUORINE
 . . . FUELS
 . . . NITRAMINE PROPELLANTS
 . . . OXIDATION

OXIMETRY

RT BIOCHEMICAL OXYGEN DEMAND
 BLOOD
 HYPEROXIA
 HYPOXIA
 OXYGEN CONSUMPTION

OXOSILANES

USE POLYSILANES

OXYACETYLENE

GS ORGANIC COMPOUNDS
 . . . HYDROCARBONS
 . . . ALIPHATIC HYDROCARBONS

OXYACETYLENE--(cont.)

- ... ALKYNES
- ... **OXYACETYLENE**
- RT ACETYLENE
- DETONABLE GAS MIXTURES
- ∞ OXYGEN COMPOUNDS

OXYALKYLATION

- USE ALKYLATION

OXYFLUORIDES

- GS HALOGEN COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORIDES
- ... **OXYFLUORIDES**
- HALIDES
- FLUORIDES
- ... **OXYFLUORIDES**
- RT ∞ OXYGEN COMPOUNDS

OXYGEN

- GS CHEMICAL ELEMENTS
- ... **OXYGEN**
- LIQUID OXYGEN
- ... OXYGEN ISOTOPES
- ... OXYGEN 17
- ... OXYGEN 18
- GASES
- ... **OXYGEN**
- LIQUID OXYGEN
- ... OXYGEN ISOTOPES
- ... OXYGEN 17
- ... OXYGEN 18
- RT CHLORELLA
- HIGH PRESSURE OXYGEN
- OXYGEN ATOMS
- OXYGEN IONS
- OXYGEN PLASMA
- OZONE
- REACTION BONDING
- SCHUMANN-RUNGE BANDS
- SIALON

OXYGEN AFTERGLOW

- GS AFTERGLOWS
- ... **OXYGEN AFTERGLOW**

OXYGEN ANALYZERS

- UF OXYGEN DETECTORS
- GS MEASURING INSTRUMENTS
- ... **OXYGEN ANALYZERS**
- RT GAS ANALYSIS

OXYGEN ATOMS

- GS ATOMS
- ... **OXYGEN ATOMS**
- RT OXYGEN

OXYGEN BREATHING

- RT ∞ BREATHING

∞ OXYGEN COMPOUNDS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ACIDS
- ALUMINATES
- ARSENATES
- BORATES
- BROMATES
- CARBOHYDRATES
- CARBON SUBOXIDES
- CARBONATES
- ∞ CHEMICAL COMPOUNDS
- CHLORATES
- CHROMATES
- GERMANIUM OXIDES
- NIOBATES
- OXALATES
- OXIDES
- OXYACETYLENE
- OXYFLUORIDES
- OXYGEN FLUORIDES
- OZONATES
- OZONE FLUORIDE
- OZONIDES
- STANNATES

OXYGEN CONSUMPTION

- GS CONSUMPTION
- ... **OXYGEN CONSUMPTION**
- RT BIOCHEMICAL OXYGEN DEMAND
- HYPEROXIA
- HYPOXIA

OXYGEN CONSUMPTION--(cont.)

- METABOLISM
- OXIMETRY

OXYGEN DEFICIENCY

- USE HYPOXIA

OXYGEN DETECTORS

- USE OXYGEN ANALYZERS

OXYGEN FLUORIDES

- GS HALOGEN COMPOUNDS
- FLUORINE COMPOUNDS
- FLUORIDES
- ... **OXYGEN FLUORIDES**
- HALIDES
- FLUORIDES
- ... **OXYGEN FLUORIDES**
- RT ∞ OXYGEN COMPOUNDS

OXYGEN IONS

- GS IONS
- ... **OXYGEN IONS**
- RT FREE RADICALS
- NEGATIVE IONS
- OXYGEN

OXYGEN ISOTOPES

- GS CHEMICAL ELEMENTS
- NUCLIDES
- ISOTOPES
- ... **OXYGEN ISOTOPES**
- ... OXYGEN 18
- OXYGEN
- ... **OXYGEN ISOTOPES**
- ... OXYGEN 17
- ... OXYGEN 18
- GASES
- OXYGEN
- ... **OXYGEN ISOTOPES**
- ... OXYGEN 17
- ... OXYGEN 18

OXYGEN MASKS

- GS BREATHING APPARATUS
- ... **OXYGEN MASKS**
- MASKS
- ... **OXYGEN MASKS**
- OXYGEN SUPPLY EQUIPMENT
- ... **OXYGEN MASKS**
- RT HIGH ALTITUDE BREATHING
- LIFE SUPPORT SYSTEMS
- PORTABLE LIFE SUPPORT SYSTEMS

OXYGEN METABOLISM

- GS METABOLISM
- ... **OXYGEN METABOLISM**
- RT HYDROGEN METABOLISM
- RESPIRATION

OXYGEN PLASMA

- GS PARTICLES
- CHARGED PARTICLES
- ... ENERGETIC PARTICLES
- ... PLASMAS (PHYSICS)
- ... **OXYGEN PLASMA**
- RT ARGON PLASMA
- HELIUM PLASMA
- HYDROGEN PLASMA
- OXYGEN

OXYGEN PRODUCTION

- RT CLOSED ECOLOGICAL SYSTEMS
- GAS EXCHANGE

OXYGEN RECOMBINATION

- GS CHEMICAL REACTIONS
- ATOMIC RECOMBINATION
- ... **OXYGEN RECOMBINATION**
- RECOMBINATION REACTIONS
- ATOMIC RECOMBINATION
- ... **OXYGEN RECOMBINATION**
- RT IONIZATION

OXYGEN REGULATORS

- GS REGULATORS
- ... **OXYGEN REGULATORS**
- RT FLOW REGULATORS
- PRESSURE REGULATORS

OXYGEN SPECTRA

- GS SPECTRA
- ... **OXYGEN SPECTRA**
- RT AIRGLOW

OXYGEN SPECTRA--(cont.)

- HERZBERG BANDS
- MOLECULAR SPECTRA
- SOLAR SPECTRA

OXYGEN SUPPLY EQUIPMENT

- UF OXYGEN SYSTEMS
- GS **OXYGEN SUPPLY EQUIPMENT**
- OXYGEN MASKS
- RT AEPS
- AIR CONDITIONING EQUIPMENT
- BREATHING APPARATUS
- CABIN ATMOSPHERES
- COMPRESSED AIR
- CONTROLLED ATMOSPHERES
- EMERGENCY LIFE SUSTAINING SYSTEMS
- LIFE SUPPORT SYSTEMS
- PRESSURIZED CABINS
- SURVIVAL EQUIPMENT

OXYGEN SYSTEMS

- USE OXYGEN SUPPLY EQUIPMENT

OXYGEN TENSION

- GS PRESSURE
- PARTIAL PRESSURE
- ... **OXYGEN TENSION**
- ... HYPOXEMIA

OXYGEN TOXICITY

- USE HYPEROXIA

OXYGEN 17

- GS CHEMICAL ELEMENTS
- OXYGEN
- ... OXYGEN ISOTOPES
- ... **OXYGEN 17**
- GASES
- OXYGEN
- ... OXYGEN ISOTOPES
- ... **OXYGEN 17**

OXYGEN 18

- GS CHEMICAL ELEMENTS
- NUCLIDES
- ISOTOPES
- ... OXYGEN ISOTOPES
- ... **OXYGEN 18**
- OXYGEN
- ... OXYGEN ISOTOPES
- ... **OXYGEN 18**
- GASES
- OXYGEN
- ... OXYGEN ISOTOPES
- ... **OXYGEN 18**

OXYGEN-HYDROCARBON ROCKET ENGINES

- UF LIQUID OXYGEN HYDROCARBON
- ROCKET ENGINES
- GS LOX-HYDROCARBON ROCKET ENGINES
- ENGINES
- ROCKET ENGINES
- LIQUID PROPELLANT ROCKET ENGINES
- ... **OXYGEN-HYDROCARBON ROCKET ENGINES**
- RT BOOSTER ROCKET ENGINES
- LIQUID OXYGEN
- REUSABLE ROCKET ENGINES
- SPACECRAFT PROPULSION

OXYGENATION

- GS CHEMICAL REACTIONS
- ... **OXYGENATION**
- RT AERATION
- DISSOLVED GASES
- OXIDATION

OXYHALIDES

- GS HALOGEN COMPOUNDS
- HALIDES
- ... **OXYHALIDES**

OXYHEMOGLOBIN

- GS BIOPOLYMERS
- PROTEINS
- ... HEMOGLOBIN
- ... **OXYHEMOGLOBIN**
- ORGANIC COMPOUNDS
- PROTEINS
- ... HEMOGLOBIN
- ... **OXYHEMOGLOBIN**
- ORGANOMETALLIC COMPOUNDS

P

OXYHEMOGLOBIN--(cont.)

GS HEMOGLOBIN
 . . . OXYHEMOGLOBIN
 RT ERYTHROCYTES

OXYNITRIDES

GS NITROGEN COMPOUNDS
 . NITRIDES
 . . . OXYNITRIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 5A COMPOUNDS

OZONATES

RT ∞ OXYGEN COMPOUNDS
 OZONE

OZONE

GS GASES
 . OZONE
 RT HALOGEN OCCULTATION EXPERIMENT
 OXYGEN
 OZONATES
 OZONE FLUORIDE
 OZONIDES
 OZONOMETRY
 PHOTOCHEMICAL OXIDANTS
 SAGE SATELLITE
 SOLAR MESOSPHERE EXPLORER

OZONE DEPLETION

UF OZONE HOLES
 GS DEPLETION
 . OZONE DEPLETION
 RT AIR POLLUTION
 ANTARCTIC REGIONS
 ARCTIC REGIONS
 ATMOSPHERIC COMPOSITION
 CHLOROFLUOROCARBONS
 CHLOROFLUOROMETHANE
 OZONOMETRY
 OZONOSPHERE
 TOTAL OZONE MAPPING
 SPECTROMETER

OZONE FLUORIDE

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . OZONE FLUORIDE
 . HALIDES
 . . FLUORIDES
 . . . OZONE FLUORIDE
 RT ∞ OXYGEN COMPOUNDS
 OZONE

OZONE HOLES

USE OZONE DEPLETION

OZONE LAYER

USE OZONOSPHERE

OZONIDES

RT ∞ OXYGEN COMPOUNDS
 OZONE

OZONOMETRY

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . GAS ANALYSIS
 . . . OZONOMETRY
 RT OZONE
 OZONE DEPLETION
 TOTAL OZONE MAPPING
 SPECTROMETER

OZONOSPHERE

UF OZONE LAYER
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . . STRATOSPHERE
 . . . OZONOSPHERE
 RT CHEMOSPHERE
 CHLOROFLUOROCARBONS
 HOMOSPHERE
 OZONE DEPLETION
 UMKEHR EFFECT
 UPPER ATMOSPHERE

P BAND

SN (225 TO 390 MHZ)
 GS FREQUENCIES
 . RADIO FREQUENCIES
 . . MICROWAVE FREQUENCIES
 . . . P BAND
 . . . ULTRAHIGH FREQUENCIES
 . . . P BAND
 . . . VERY HIGH FREQUENCIES
 . . . P BAND

P WAVES

GS ELASTIC WAVES
 . P WAVES
 RT COMPRESSIBLE FLUIDS
 COMPRESSION WAVES
 CRUSTAL FRACTURES
 DILATATIONAL WAVES
 S WAVES
 SEISMIC WAVES
 SURFACE WAVES

P.A.C.M. TELEMETRY

SN (PULSE AMPLITUDE CODE MODULATION)
 GS TELECOMMUNICATION
 . TELEMETRY
 . . P.A.C.M. TELEMETRY
 TRANSMISSION
 . SIGNAL TRANSMISSION
 . . TELEMETRY
 . . . P.A.C.M. TELEMETRY
 RT AMPLITUDE MODULATION
 COMMUNICATION EQUIPMENT
 DIFFERENTIAL PULSE CODE
 MODULATION
 MODULATION
 PULSE AMPLITUDE MODULATION
 PULSE CODE MODULATION

P-I-N DIODES

USE DIODES
 P-I-N JUNCTIONS

P-I-N JUNCTIONS

UF P-I-N DIODES
 GS SEMICONDUCTOR JUNCTIONS
 . P-I-N JUNCTIONS
 RT DIODES
 ∞ JUNCTIONS
 SOLAR CELLS

P-N JUNCTIONS

UF N-P JUNCTIONS
 GS SEMICONDUCTOR JUNCTIONS
 . P-N JUNCTIONS
 RT ∞ JUNCTIONS
 SIS (SEMICONDUCTORS)

P-N-P JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . P-N-P JUNCTIONS
 RT ∞ JUNCTIONS

P-N-P-N JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
 . P-N-P-N JUNCTIONS
 RT ∞ JUNCTIONS
 LATCH-UP
 THYRISTORS

P-TYPE SEMICONDUCTORS

GS SEMICONDUCTORS (MATERIALS)
 . P-TYPE SEMICONDUCTORS
 RT HOLES (ELECTRON DEFICIENCIES)
 SEMICONDUCTOR JUNCTIONS

P-1 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . BOOSTER ROCKET ENGINES
 . . . P-1 ENGINE
 . . . SOLID PROPELLANT ROCKET
 ENGINES
 . . . P-1 ENGINE

P-3 AIRCRAFT

UF ORION AIRCRAFT
 P3V AIRCRAFT
 GS ANTISUBMARINE WARFARE AIRCRAFT
 . P-3 AIRCRAFT
 JET AIRCRAFT
 . P-3 AIRCRAFT

P-3 AIRCRAFT--(cont.)

LOCKHEED AIRCRAFT
 . P-3 AIRCRAFT
 MONOPLANES
 . P-3 AIRCRAFT
 RT ∞ AIRCRAFT
 TURBOPROP ENGINES

P-51 AIRCRAFT

UF MUSTANG AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . P-51 AIRCRAFT
 MONOPLANES
 . P-51 AIRCRAFT
 NORTH AMERICAN AIRCRAFT
 . P-51 AIRCRAFT
 SINGLE ENGINE AIRCRAFT
 . P-51 AIRCRAFT
 RT ∞ AIRCRAFT

P-84 AIRCRAFT

USE JET PROVOST AIRCRAFT

P-160 AIRCRAFT

UF ME P-160 AIRCRAFT
 MESSERSCHMITT ME P-160 AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . P-160 AIRCRAFT
 PASSENGER AIRCRAFT
 . P-160 AIRCRAFT
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . P-160 AIRCRAFT
 RT ∞ AIRCRAFT

P-166 AIRCRAFT

UF PIAGGIO P-166 AIRCRAFT
 GS LIGHT AIRCRAFT
 . P-166 AIRCRAFT
 MONOPLANES
 . P-166 AIRCRAFT
 PASSENGER AIRCRAFT
 . P-166 AIRCRAFT
 PIAGGIO AIRCRAFT
 . P-166 AIRCRAFT
 TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . P-166 AIRCRAFT
 RT ∞ AIRCRAFT

P-308 AIRCRAFT

UF ME P-308 AIRCRAFT
 MESSERSCHMITT ME P-308 AIRCRAFT
 GS ATTACK AIRCRAFT
 . P-308 AIRCRAFT
 JET AIRCRAFT
 . P-308 AIRCRAFT
 MONOPLANES
 . P-308 AIRCRAFT
 RT ∞ AIRCRAFT

P-531 HELICOPTER

UF SCOUT HELICOPTER
 WESTLAND P-531 HELICOPTER
 GS UTILITY AIRCRAFT
 . P-531 HELICOPTER
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 P-531 HELICOPTER
 WESTLAND AIRCRAFT
 . P-531 HELICOPTER
 RT ANTISUBMARINE WARFARE AIRCRAFT
 PASSENGER AIRCRAFT

P-1127 AIRCRAFT

UF HAWKER P-1127 AIRCRAFT
 KESTREL AIRCRAFT
 VZ-12 AIRCRAFT
 XV-6A AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . P-1127 AIRCRAFT
 HAWKER SIDDELEY AIRCRAFT
 . P-1127 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . . P-1127 AIRCRAFT
 MONOPLANES
 . P-1127 AIRCRAFT
 OBSERVATION AIRCRAFT
 . P-1127 AIRCRAFT
 RECONNAISSANCE AIRCRAFT

P-1127 AIRCRAFT--(cont.)

- . **P-1127 AIRCRAFT**
- SINGLE ENGINE AIRCRAFT
- . **P-1127 AIRCRAFT**
- V/STOL AIRCRAFT
- . **P-1127 AIRCRAFT**
- RT ∞ AIRCRAFT
- BRISTOL-SIDDELEY BS 53 ENGINE
- HARRIER AIRCRAFT
- TURBOFAN ENGINES

P-1154 AIRCRAFT

- UF HAWKER P-1154 AIRCRAFT
- GS ATTACK AIRCRAFT
- . FIGHTER AIRCRAFT
- . **P-1154 AIRCRAFT**
- HAWKER SIDDELEY AIRCRAFT
- . **P-1154 AIRCRAFT**
- JET AIRCRAFT
- . TURBOFAN AIRCRAFT
- . **P-1154 AIRCRAFT**
- MONOPLANES
- . **P-1154 AIRCRAFT**
- OBSERVATION AIRCRAFT
- . **P-1154 AIRCRAFT**
- RECONNAISSANCE AIRCRAFT
- . **P-1154 AIRCRAFT**
- SINGLE ENGINE AIRCRAFT
- . **P-1154 AIRCRAFT**
- SUPERSONIC AIRCRAFT
- . **P-1154 AIRCRAFT**
- V/STOL AIRCRAFT
- . **P-1154 AIRCRAFT**
- RT ∞ AIRCRAFT
- TURBOFAN ENGINES

PA-34 SENECA AIRCRAFT

- UF SENECA AIRCRAFT
- GS LIGHT AIRCRAFT
- . PIPER AIRCRAFT
- . **PA-34 SENECA AIRCRAFT**
- RT ∞ AIRCRAFT
- ATLIT PROJECT
- GAW-1 AIRFOIL
- GENERAL DYNAMICS AIRCRAFT

PACE

- USE PHYSICS AND CHEMISTRY EXPERIMENT
- IN SPACE

PACIFIC ISLANDS

- GS LANDFORMS
- . ISLANDS
- . **PACIFIC ISLANDS**
- . . . GUAM
- . . . JAPAN
- . . . JOHNSTON ISLAND
- . . . KURILE ISLANDS
- . . . NEW GUINEA (ISLAND)
- . . . NEW ZEALAND
- . . . PHILIPPINES
- . . . SAMOA

PACIFIC NORTHWEST (US)

- GS REGIONS
- . **PACIFIC NORTHWEST (US)**
- RT .CANADA
- UNITED STATES

PACIFIC OCEAN

- GS OCEANS
- . **PACIFIC OCEAN**
- RT BERING SEA
- COASTAL RANGES (CA)
- EL NINO
- GULF OF ALASKA
- GULF OF CALIFORNIA (MEXICO)
- INDONESIA
- MID-OCEAN RIDGES
- MONTEREY BAY (CA)
- SAN FRANCISCO BAY (CA)
- SEA OF OKHOTSK
- SOUTHERN CALIFORNIA

PACKAGES

- GS **PACKAGES**
- . INSTRUMENT PACKAGES
- . . . APOLLO LUNAR SURFACE
- . . . EXPERIMENTS PACKAGE
- . . . EASEP
- . . . EREP
- RT BAGS
- BOXES (CONTAINERS)
- BUNDLES
- CARTRIDGES

PACKAGES--(cont.)

- CASES (CONTAINERS)
- ∞ CONTAINERS
- ∞ INSTRUMENTS
- PACKAGING

PACKAGING

- GS **PACKAGING**
- . ELECTRONIC PACKAGING
- RT ∞ CONTAINERS
- CORROSION PREVENTION
- ENCAPSULATING
- ENCLOSURE
- HAULING
- HOPPERS
- INHIBITORS
- MARKING
- MATERIALS HANDLING
- PACKAGES
- ∞ PACKING
- PRESERVING
- SEALERS
- SPIRAL WRAPPING
- ∞ STORAGE
- TRANSPORTATION
- VERMICULITE
- WEATHERPROOFING
- ∞ WRAP

PACKET SWITCHING

- GS SWITCHING
- . **PACKET SWITCHING**
- RT BEAM SWITCHING
- COMMUNICATION NETWORKS
- DATA TRANSMISSION
- INTERRUPTION
- MICROWAVE SWITCHING
- MULTIPLE ACCESS
- NETWORK CONTROL
- PACKET TRANSMISSION
- PACKETS (COMMUNICATION)
- PROTOCOL (COMPUTERS)
- RADIO TRANSMISSION
- SEQUENCING
- SIGNAL TRANSMISSION
- SWITCHING CIRCUITS
- SWITCHING THEORY
- TELECOMMUNICATION
- TIME DIVISION MULTIPLE ACCESS

PACKET TRANSMISSION

- GS TELECOMMUNICATION
- . **PACKET TRANSMISSION**
- . . . ALOHA SYSTEM
- TRANSMISSION
- . SIGNAL TRANSMISSION
- . . . DATA TRANSMISSION
- . . . **PACKET TRANSMISSION**
- ALOHA SYSTEM
- RT AUTOMATIC REPEAT REQUEST
- CHANNEL CAPACITY
- MESSAGE PROCESSING
- PACKET SWITCHING
- PACKETS (COMMUNICATION)
- SATELLITE COMMUNICATION
- SPACECRAFT COMMUNICATION
- TRANSMISSION EFFICIENCY

PACKETS (COMMUNICATION)

- RT ALOHA SYSTEM
- COMMUNICATION NETWORKS
- DATA TRANSMISSION
- PACKET SWITCHING
- PACKET TRANSMISSION
- TRANSMISSION EFFICIENCY
- WAVE PACKETS

∞ PACKING

- SN *(USE OF A MORE SPECIFIC TERM IS*
- RECOMMENDED--CONSULT THE TERMS*
- LISTED BELOW)*
- RT PACKAGING
- PACKING DENSITY
- PACKINGS (SEALS)
- SEALING

PACKING DENSITY

- GS DENSITY (NUMBER/VOLUME)
- . **PACKING DENSITY**
- RT BRAVAIS CRYSTALS
- CRYSTAL STRUCTURE
- CRYSTALS
- ∞ PACKING
- VOID RATIO

PACKINGS (SEALS)

- GS SEALS (STOPPERS)
- . **PACKINGS (SEALS)**
- RT BEARINGS
- GLANDS (SEALS)
- LABYRINTH SEALS
- ∞ PACKING
- PUMPS
- SEALERS
- SEALING
- SHAFTS (MACHINE ELEMENTS)
- VALVES

∞ PAD

- SN *(USE OF A MORE SPECIFIC TERM IS*
- RECOMMENDED--CONSULT THE TERMS*
- LISTED BELOW)*
- RT CUSHIONS
- FOUNDATIONS
- LAUNCHING PADS

PADDLES

- RT FOLDING STRUCTURES
- MIXERS
- SOLAR GENERATORS
- TURBOMACHINE BLADES

PADE APPROXIMATION

- GS ANALYSIS (MATHEMATICS)
- . CALCULUS
- . . . SERIES (MATHEMATICS)
- . . . **PADE APPROXIMATION**
- . . . NUMERICAL ANALYSIS
- . . . APPROXIMATION
- . . . **PADE APPROXIMATION**
- . . . REAL VARIABLES
- . . . SERIES (MATHEMATICS)
- . . . **PADE APPROXIMATION**

PAGEOS SATELLITE

- GS ARTIFICIAL SATELLITES
- . GEODETIC SATELLITES
- . . . **PAGEOS SATELLITE**
- . . . PASSIVE SATELLITES
- . . . **PAGEOS SATELLITE**
- RT EXPLORER 29 SATELLITE
- EXPLORER 36 SATELLITE
- GEOS 1 SATELLITE
- GEOS 2 SATELLITE
- GEOS 3 SATELLITE

PAIN

- GS PERCEPTION
- . SENSORY PERCEPTION
- . . . **PAIN**
- RT ANALGESIA

PAIN SENSITIVITY

- GS PERCEPTION
- . SENSORY PERCEPTION
- . . . **PAIN SENSITIVITY**
- SENSITIVITY
- . **PAIN SENSITIVITY**

PAINTS

- GS COATINGS
- . **PAINTS**
- RT FILLERS
- FINISHES
- METAL COATINGS
- PIGMENTS
- PRIMERS (COATINGS)
- PROTECTIVE COATINGS
- RUBBER COATINGS
- SEALERS
- SPRAYED COATINGS
- TURPENTINE
- VARNISHES

PAIR PRODUCTION

- GS PARTICLE PRODUCTION
- . **PAIR PRODUCTION**
- RT ELECTROMAGNETIC ABSORPTION
- ELECTRON EMISSION
- ELECTRON PHOTON CASCADES
- ELECTRON-POSITRON PAIRS
- EMISSION
- HIGH ENERGY INTERACTIONS
- NUCLEAR REACTIONS
- PHOTOPRODUCTION
- POSITRON ANNIHILATION
- POSITRONS

PAKISTAN

GS NATIONS
 . **PAKISTAN**
 RT ASIA
 BANGLADESH
 HIMALAYAS
 PAKISTAN SPACE PROGRAM

PAKISTAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . **PAKISTAN SPACE PROGRAM**
 RT PAKISTAN

PALAPA B SATELLITE

USE PALAPA 2 SATELLITE

PALAPA SATELLITES

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . **PALAPA SATELLITES**
 . . . PALAPA 2 SATELLITE
 RT INDONESIA SPACE PROGRAM
 INTERNATIONAL COOPERATION

PALAPA 2 SATELLITE

UF PALAPA B SATELLITE
 GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . . PALAPA SATELLITES
 . . . **PALAPA 2 SATELLITE**
 RT INDONESIA SPACE PROGRAM
 INTERNATIONAL COOPERATION

PALEOBIOLOGY

RT ARCHAEBACTERIA
 . BIOLOGY
 . . . CRETACEOUS-TERTIARY BOUNDARY
 FOSSILS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 PALEONTOLOGY

PALEOCLIMATOLOGY

GS CLIMATOLOGY
 . **PALEOCLIMATOLOGY**
 RT CLIMATE
 CLIMATE CHANGE
 PALEONTOLOGY

PALEOMAGNETISM

GS MAGNETIC FIELDS
 . **PALEOMAGNETISM**
 MAGNETIC PROPERTIES
 . **PALEOMAGNETISM**
 RT ARCHAEOLOGY
 CONES (VOLCANOES)
 CONTINENTAL DRIFT
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 MARS VOLCANOES
 REMANENCE
 ROCKS
 VOLCANOES
 VOLCANOLOGY

PALEONTOLOGY

RT ARCHAEBACTERIA
 CAMBRIAN PERIOD
 CENOZOIC ERA
 CRETACEOUS PERIOD
 CRETACEOUS-TERTIARY BOUNDARY
 FORMATIONS
 FOSSILS
 GEOCHEMISTRY
 GEOCHRONOLOGY
 GEOLOGICAL SURVEYS
 GEOLOGY
 HISTORIES
 MESOZOIC ERA
 PALEOBIOLOGY
 PALEOCLIMATOLOGY
 PALEOZOIC ERA
 PRECAMBRIAN PERIOD
 PROTOBIOLOGY
 STRATIGRAPHY
 TERTIARY PERIOD

PALEOZOIC ERA

GS **PALEOZOIC ERA**
 . CAMBRIAN PERIOD
 RT GEOCHRONOLOGY
 MESOZOIC ERA

PALEOZOIC ERA--(cont.)

PALEONTOLOGY
 PRECAMBRIAN PERIOD

PALLADIUM

GS CHEMICAL ELEMENTS
 . **PALLADIUM**
 METALS
 . TRANSITION METALS
 . . **PALLADIUM**
 RT PALLADIUM ISOTOPES

PALLADIUM ALLOYS

GS ALLOYS
 . **PALLADIUM ALLOYS**

PALLADIUM COMPOUNDS

RT . . . CHEMICAL COMPOUNDS
 METALS
 TRANSITION METALS

PALLADIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **PALLADIUM ISOTOPES**
 RT PALLADIUM

PALMAR SWEAT INDEX

RT PERSPIRATION
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)

PALMGREN-MINER RULE

UF MINER RULE
 GS RULES
 . **PALMGREN-MINER RULE**
 RT FATIGUE LIFE

PALMITIC ACID

GS ACIDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **PALMITIC ACID**
 ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . . FATTY ACIDS
 . . . **PALMITIC ACID**
 RT FATS

PALO VERDE VALLEY (CA)

GS VALLEYS
 . **PALO VERDE VALLEY (CA)**
 RT CALIFORNIA
 DESERTS

PAM (MODULATION)

USE PULSE AMPLITUDE MODULATION

PAMPAS

GS LAND
 . PLAINS
 . . **PAMPAS**

PAN (POLYACRYLONITRILE)

USE POLYACRYLONITRILE

PANAMA

GS NATIONS
 . **PANAMA**
 RT CANALS
 CENTRAL AMERICA

PANAMA CANAL ZONE

GS LANDFORMS
 . **PANAMA CANAL ZONE**
 REGIONS
 . **PANAMA CANAL ZONE**
 RT CARIBBEAN SEA
 CENTRAL AMERICA
 UNITED STATES

PANAVIA MILITARY AIRCRAFT

RT . . . AIRCRAFT
 AIRCRAFT DESIGN
 FIGHTER AIRCRAFT
 . . . MILITARY AIRCRAFT
 VARIABLE SWEEP WINGS
 WEAPON SYSTEMS

PANCREAS

GS ANATOMY
 . DIGESTIVE SYSTEM
 . . **PANCREAS**

PANCREAS--(cont.)

. GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . **PANCREAS**
 RT DIABETES MELLITUS
 GASTROINTESTINAL SYSTEM
 TRYPSIN

PANEL FLUTTER

GS VIBRATION
 . STRUCTURAL VIBRATION
 . . FLUTTER
 . . . **PANEL FLUTTER**
 . . . SELF INDUCED VIBRATION
 . . . **PANEL FLUTTER**
 RT AERODYNAMIC NOISE
 AEROELASTICITY
 BENDING VIBRATION

PANEL METHOD (FLUID DYNAMICS)

GS PROCEDURES
 . **PANEL METHOD (FLUID DYNAMICS)**
 RT BERNOULLI THEOREM
 BOUNDARY LAYERS
 COMPUTATIONAL FLUID DYNAMICS
 FINITE ELEMENT METHOD
 . . . FLOW
 FLOW THEORY
 FLUID DYNAMICS
 FLUX VECTOR SPLITTING
 GAS-SOLID INTERACTIONS
 . . . METHODOLOGY
 TURBULENCE
 VORTEX LATTICE METHOD

PANELS

SN (EXCLUDES GROUPS OF PEOPLE)
 GS **PANELS**
 . CURVED PANELS
 . RECTANGULAR PANELS
 . WING PANELS
 RT BAFFLES
 CEILINGS (ARCHITECTURE)
 . . . CONSTRUCTION MATERIALS
 DIVIDERS
 FLAT PLATES
 . . . PLATES
 . . . SHEETS
 SHIELDING
 THIN PLATES
 WALLS

PANIC

RT EMOTIONAL FACTORS
 EMOTIONS
 FEAR
 HUMAN BEHAVIOR

PANORAMIC CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . **PANORAMIC CAMERAS**
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **PANORAMIC CAMERAS**
 RT CAMERA SHUTTERS
 FOCUSING
 LENSES
 PHOTOGRAPHY
 WIDE ANGLE LENSES

PANORAMIC SCANNING

GS SCANNING
 . **PANORAMIC SCANNING**
 RT CONICAL SCANNING
 FREQUENCY SCANNING
 MULTISPECTRAL BAND SCANNERS
 RADAR SCANNING
 SCANNERS
 SEARCHING
 SURVEILLANCE

PANSPERMIA

RT ABIOGENESIS
 AEROSPACE ENVIRONMENTS
 BACTERIA
 BIOLOGICAL EVOLUTION
 EXOBIOLOGY
 EXTRATERRESTRIAL LIFE
 FUNGI

PANT PROGRAM

UF ABLATED NOSETIPS
 PASSIVE NOSETIP TECHNOLOGY
 GS PROGRAMS

PANT PROGRAM--(cont.)
PANT PROGRAM

PANTAR CHONDRITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 PANTAR CHONDRITES

PANTHER AIRCRAFT
 USE F-9 AIRCRAFT

PAPAIN

GS BIOPOLYMERS
 . PROTEINS
 . . ENZYMES
 . . . **PAPAIN**
 ORGANIC COMPOUNDS
 . PROTEINS
 . . ENZYMES
 . . . **PAPAIN**
 RT PEPSIN

PAPER (MATERIAL)

RT BOARDS (PAPER)
 KRAFT PROCESS (WOODPULP)
 ∞ MATERIALS
 ORGANIC MATERIALS
 WEBS (SHEETS)
 WOOD

PAPER CHROMATOGRAPHY

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . CHROMATOGRAPHY
 . . . **PAPER CHROMATOGRAPHY**
 RT GAS CHROMATOGRAPHY
 LIQUID CHROMATOGRAPHY

PAPERS

GS DOCUMENTS
 . **PAPERS**
 RT BOARDS (PAPER)
 CONFERENCES
 FIBERS
 ∞ FILMS
 LAMINATES
 LITERATURE
 PRESIDENTIAL REPORTS
 PRIVACY
 REPORTS
 ∞ SHEETS
 WEBS (SHEETS)

PAPILLAE

RT PROTUBERANCES

PAPUA NEW GUINEA

GS NATIONS
 . **PAPUA NEW GUINEA**
 RT ASIA
 AUSTRALIA
 NEW GUINEA (ISLAND)

PARA HYDROGEN

GS GASES
 . **PARA HYDROGEN**
 RT HYDROGEN
 ORTHO PARA CONVERSION

PARABOLAS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . CONICS
 **PARABOLAS**

PARABOLIC ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . REFLECTOR ANTENNAS
 . . . **PARABOLIC ANTENNAS**
 RT ANTENNA DESIGN
 CASSEGRAIN ANTENNAS
 HORN ANTENNAS
 MICROWAVE ANTENNAS
 RADAR ANTENNAS
 RADAR EQUIPMENT
 RADAR REFLECTORS

PARABOLIC BODIES

UF PARABOLOIDS
 GS SYMMETRICAL BODIES

PARABOLIC BODIES--(cont.)

. BODIES OF REVOLUTION
 . . **PARABOLIC BODIES**

PARABOLIC DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **PARABOLIC DIFFERENTIAL EQUATIONS**
 RT ∞ EQUATIONS

PARABOLIC FLIGHT

RT ASCENT TRAJECTORIES
 BALLISTIC TRAJECTORIES
 CLIMBING FLIGHT
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 ∞ FLIGHT
 MIDCOURSE TRAJECTORIES
 MISSILE TRAJECTORIES
 SUBORBITAL FLIGHT
 TRAJECTORIES
 WEIGHTLESSNESS
 WEIGHTLESSNESS SIMULATION

PARABOLIC REFLECTORS

UF DISHES
 GS REFLECTORS
 . **PARABOLIC REFLECTORS**
 . . PARABOLOID MIRRORS
 RT MICROWAVE ANTENNAS
 RADAR REFLECTORS
 REFLECTOR ANTENNAS
 SCHWARZSCHILD ANTENNAS
 SOLAR REFLECTORS

PARABOLIC VELOCITY

USE ESCAPE VELOCITY

PARABOLOID MIRRORS

GS MIRRORS
 . **PARABOLOID MIRRORS**
 REFLECTORS
 . PARABOLIC REFLECTORS
 . . **PARABOLOID MIRRORS**
 RT REFLECTING TELESCOPES
 SOLAR REFLECTORS

PARABOLOIDS

USE PARABOLIC BODIES

PARACHUTE DESCENT

UF PARACHUTING
 GS DESCENT
 . **PARACHUTE DESCENT**
 RT BAILOUT
 EJECTION
 EJECTION TRAINING
 ESCAPE (ABANDONMENT)
 FREE FALL
 PARACHUTES

PARACHUTE FABRICS

GS FABRICS
 . **PARACHUTE FABRICS**
 RT FORTISAN (TRADEMARK)
 GORES
 PARACHUTES

PARACHUTES

GS **PARACHUTES**
 . DRAG CHUTES
 . RECOVERY PARACHUTES
 . RIBBON PARACHUTES
 . ROTOCHUTES
 RT AERODYNAMIC BRAKES
 AIR DROP OPERATIONS
 AIRDROPS
 BALLUTES
 BRAKES (FOR ARRESTING MOTION)
 FOLDING STRUCTURES
 PARACHUTE DESCENT
 PARACHUTE FABRICS
 PARACONE
 PARAVULCOONS
 PARAWINGS
 TOWED BODIES
 WHIRL TOWERS

PARACHUTING

USE PARACHUTE DESCENT

PARACHUTING INJURY

GS INJURIES
 . **PARACHUTING INJURY**

PARACONE

RT ESCAPE CAPSULES
 ESCAPE SYSTEMS
 PARACHUTES

PARADOXES

GS KNOWLEDGE
 . PHILOSOPHY
 . . **PARADOXES**
 RT ∞ LOGIC
 RELATIVITY

PARAFFINS

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKANES
 **PARAFFINS**
 CERESIN
 RT HYDROCARBON FUELS
 KEROSENE
 SHALE OIL

PARAGLIDERS

GS GLIDERS
 . **PARAGLIDERS**
 . . INFLATABLE GLIDERS
 RT FOLDING STRUCTURES
 HYPERSONIC GLIDERS
 PARAWINGS
 ∞ SUBSONIC AIRCRAFT

PARAGUAY

GS NATIONS
 . **PARAGUAY**
 RT SOUTH AMERICA

PARALLAX

GS **PARALLAX**
 . SOLAR PARALLAX
 . STELLAR PARALLAX
 RT ASTROMETRY
 COMPANION STARS
 ∞ OPTICS

PARALLEL COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **PARALLEL COMPUTERS**
 MASSIVELY PARALLEL PROCESSORS
 CONNECTION MACHINE
 MIMD (COMPUTERS)
 SIMD (COMPUTERS)
 RT HYPERCUBE MULTIPROCESSORS

PARALLEL FLOW

GS FLUID FLOW
 . **PARALLEL FLOW**
 . . PIPE FLOW
 . . . THREE DIMENSIONAL FLOW
 RT FLOW GEOMETRY
 FLOW VELOCITY
 FLUID DYNAMICS
 LAMINAR FLOW
 STEADY FLOW

PARALLEL PLATES

RT CAPACITORS
 ∞ CHANNELS
 FLAT PLATES
 METAL PLATES
 ∞ PLATES
 THIN PLATES
 WAVEGUIDES

PARALLEL PROCESSING (COMPUTERS)

GS DATA PROCESSING
 . **PARALLEL PROCESSING (COMPUTERS)**
 RT ASSOCIATIVE PROCESSING (COMPUTERS)
 CONCURRENT PROCESSING
 CONNECTION MACHINE
 HYPERCUBE MULTIPROCESSORS
 ILLIAC 3 COMPUTER
 ILLIAC 4 COMPUTER
 INTERPROCESSOR COMMUNICATION
 MASSIVELY PARALLEL PROCESSORS
 MIMD (COMPUTERS)

PARALLEL PROCESSING (COMPUTERS)--(cont.)

SIMD (COMPUTERS)
 SUPERCOMPUTERS
 SYSTOLIC ARRAYS
 TRANSPUTERS
 VECTOR PROCESSING (COMPUTERS)

PARALLEL PROGRAMMING

GS SOFTWARE ENGINEERING
 . COMPUTER PROGRAMMING
 . . **PARALLEL PROGRAMMING**
 RT MULTIPROCESSING (COMPUTERS)
 PIPELINING (COMPUTERS)

PARALLEL STRIP LINES

USE MICROSTRIP TRANSMISSION LINES

PARALLELEPIPEDS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYHEDRONS
 . . . **PARALLELEPIPEDS**

PARALLELOGRAMS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYGONS
 . . . TETRAGONS
 **PARALLELOGRAMS**
 RHOMBOIDS

PARALYSIS

GS DISEASES
 . **PARALYSIS**
 . INJURIES
 . . **PARALYSIS**
 RT DISABILITIES
 TREMORS

PARAMAGNETIC AMPLIFIERS

USE MASERS

PARAMAGNETIC RESONANCE

GS RESONANCE
 . MAGNETIC RESONANCE
 . . **PARAMAGNETIC RESONANCE**
 . . . ELECTRON PARAMAGNETIC
 RESONANCE
 RT ABSORPTION SPECTRA
 FERROMAGNETIC RESONANCE
 NUCLEAR MAGNETIC RESONANCE
 PARAMAGNETISM

PARAMAGNETISM

GS MAGNETIC PROPERTIES
 . **PARAMAGNETISM**
 RT ANTIFERROMAGNETISM
 CURIE-WEISS LAW
 DIAMAGNETISM
 PARAMAGNETIC RESONANCE

PARAMECIA

GS ANIMALS
 . PROTOZOA
 . . **PARAMECIA**
 MICROORGANISMS
 . PROTOZOA
 . . **PARAMECIA**

PARAMETER IDENTIFICATION

GS ESTIMATING
 . **PARAMETER IDENTIFICATION**
 IDENTIFYING
 . **PARAMETER IDENTIFICATION**
 . . . **PARAMETER IDENTIFICATION**
 **PARAMETER IDENTIFICATION**
 RT COMPLEX SYSTEMS
 CONTROL SYSTEMS DESIGN
 DYNAMIC RESPONSE
 ESTIMATES
 GENETIC ALGORITHMS
 INDEPENDENT VARIABLES
 LEAST SQUARES METHOD
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 OBSERVABILITY (SYSTEMS)
 OPTIMAL CONTROL
 OPTIMIZATION
 PREDICTION ANALYSIS TECHNIQUES
 PROBABILITY THEORY
 STATISTICAL ANALYSIS
 STEEPEST DESCENT METHOD
 SYSTEM IDENTIFICATION
 SYSTEMS ANALYSIS

PARAMETER IDENTIFICATION--(cont.)
SYSTEMS ENGINEERING**PARAMETERIZATION**

GS **PARAMETERIZATION**
 . **PARAMETER IDENTIFICATION**
 . . ALGORITHMS
 RT . APPLICATIONS OF MATHEMATICS
 DEPENDENT VARIABLES
 DERIVATION
 DIMENSIONAL ANALYSIS
 ESTIMATORS
 FORMALISM
 FORMULATIONS
 MATHEMATICAL MODELS
 SCALE EFFECT
 SEMIEMPIRICAL EQUATIONS
 SYSTEM IDENTIFICATION
 UNITS OF MEASUREMENT

PARAMETERS

USE INDEPENDENT VARIABLES

PARAMETRIC AMPLIFIERS

UF **PARAMETRIC OSCILLATORS**
 REACTANCE AMPLIFIERS
 GS **AMPLIFIERS**
 . **PARAMETRIC AMPLIFIERS**
 RT FREQUENCY CONVERTERS
 LC CIRCUITS
 MAGNETOSTATIC AMPLIFIERS
 MICROWAVE AMPLIFIERS
 NEGATIVE RESISTANCE DEVICES
 POWER AMPLIFIERS
 SEMICONDUCTOR DEVICES

PARAMETRIC DIODES

GS ELECTRONIC EQUIPMENT
 . DIODES
 . . SEMICONDUCTOR DIODES
 . . . **PARAMETRIC DIODES**
 SOLID STATE DEVICES
 SEMICONDUCTOR DEVICES
 **PARAMETRIC DIODES**
 RT VARACTOR DIODES

PARAMETRIC FREQUENCY CONVERTERS

GS FREQUENCY CONVERTERS
 . **PARAMETRIC FREQUENCY CONVERTERS**
 RT . CONVERTERS
 . . PHASE MODULATION
 . . . UP-CONVERTERS

PARAMETRIC OSCILLATORS

USE **PARAMETRIC AMPLIFIERS**

PARAMETRONS

RT COMPUTER STORAGE DEVICES
 MAGNETIC CORES
 MAGNETIC STORAGE
 OSCILLATORS
 PHASE LOCK DEMODULATORS
 THIN FILMS

PARANASAL SINUSES

GS ANATOMY
 . RESPIRATORY SYSTEM
 . . **PARANASAL SINUSES**
 . . . SINUSES
 . . . **PARANASAL SINUSES**
 RT NOSE (ANATOMY)

PARAPLASTS

GS PLASTERS
 . **PARAPLASTS**
 RT RESINS

PARAPSYCHOLOGY

USE EXTRASENSORY PERCEPTION

PARASITES

GS **PARASITES**
 . TRYPANOSOME
 RT ANIMALS
 BLIGHT
 INFESTATION

PARASITIC ANTENNAS

USE **PARASITIC ELEMENTS (ANTENNAS)**

PARASITIC DISEASES

GS DISEASES
 . INFECTIOUS DISEASES

PARASITIC DISEASES--(cont.)

. . **PARASITIC DISEASES**
 RT AIRBORNE INFECTION
 AMOEBA
 BLIGHT
 RUST FUNGI
 TRYPANOSOME

PARASITIC ELEMENTS (ANTENNAS)

UF **PARASITIC ANTENNAS**
PARASITIC REFLECTORS
 PASSIVE ELEMENTS
 GS ANTENNA COMPONENTS
 . **PARASITIC ELEMENTS (ANTENNAS)**
 . . DIRECTORS (ANTENNA ELEMENTS)
 RT ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 DIPOLE ANTENNAS
 DIRECTIONAL ANTENNAS
 LOG PERIODIC ANTENNAS
 RADIO RECEIVERS
 REFLECTORS
 YAGI ANTENNAS

PARASITIC REFLECTORS

USE **PARASITIC ELEMENTS (ANTENNAS)**

PARATHYROID GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . **PARATHYROID GLAND**
 RT CALCIUM METABOLISM

PARAVULCOONS

GS BRAKES (FOR ARRESTING MOTION)
 . AERODYNAMIC BRAKES
 . . **PARAVULCOONS**
 . . . DRAG DEVICES
 . . . AERODYNAMIC BRAKES
 . . . **PARAVULCOONS**
 EXPANDABLE STRUCTURES
 INFLATABLE STRUCTURES
 **PARAVULCOONS**
 RT AIR DROP OPERATIONS
 BALLOONS
 FOLDING STRUCTURES
 PARACHUTES

PARAWINGS

GS AIRFOILS
 . WINGS
 . . FLEXIBLE WINGS
 . . . **PARAWINGS**
 RT AIR DROP OPERATIONS
 FOLDING STRUCTURES
 HANG GLIDERS
 PARACHUTES
 PARAGLIDERS

PARENTAL FUNCTIONS

RT . FUNCTIONS

PARENTS

RT CHILDREN
 HUMAN BEINGS

PARITY

RT BCH CODES
 CODING
 CONSERVATION
 CORRECTION
 EQUIVALENCE
 ERROR DETECTION CODES
 INFORMATION THEORY
 NUCLEAR PHYSICS
 PARTICLE SPIN
 QUANTUM NUMBERS
 QUANTUM THEORY
 STRANGENESS
 VECTOR CURRENTS

PARKING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT PARKING ORBITS
 RAMPS (STRUCTURES)

PARKING ORBITS

GS ORBITS
 . SPACECRAFT ORBITS
 . . SATELLITE ORBITS
 . . . **PARKING ORBITS**

PARKING ORBITS--(cont.)

RT EARTH ORBITS
EARTH-MOON TRAJECTORIES
FLIGHT OPTIMIZATION
INTERPLANETARY TRAJECTORIES
LUNAR ORBITS
LUNAR TRAJECTORIES
ORBITAL MECHANICS
∞ PARKING
PLANETARY ORBITS
THRUST PROGRAMMING
TRANSFER ORBITS

PARKINSON DISEASE

GS DISEASES
RT PARKINSON DISEASE
TREMORS

PARKS

GS LAND
PARKS
NATIONAL PARKS
YELLOWSTONE NATIONAL PARK
(ID-MT-WY)
RT RECREATION
REGIONAL PLANNING
URBAN DEVELOPMENT
URBAN PLANNING

PAROTID GLAND

USE SALIVARY GLANDS

PARSING ALGORITHMS

GS MATHEMATICAL LOGIC
ALGORITHMS
PARSING ALGORITHMS
RT COMPILERS
COMPUTER TECHNIQUES
GRAMMARS
NATURAL LANGUAGE PROCESSING
SEMANTICS
SUBROUTINES
SYNTAX

PARTIAL DIFFERENTIAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
REAL VARIABLES
DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL
EQUATIONS
BIHARMONIC EQUATIONS
BURGER EQUATION
CAUCHY-RIEMANN EQUATIONS
ELLIPTIC DIFFERENTIAL
EQUATIONS
MONGE-AMPERE EQUATION
EULER-CAUCHY EQUATIONS
FOKKER-PLANCK EQUATION
GAUSS EQUATION
HELMHOLTZ VORTICITY EQUATION
LIOUVILLE EQUATIONS
PARABOLIC DIFFERENTIAL
EQUATIONS
POISSON EQUATION
VLASOV EQUATIONS
RT ALTERNATING DIRECTION IMPLICIT
METHODS
BOLTZMANN-VLASOV EQUATION
EQUATIONS
FUNCTIONAL INTEGRATION
KINETIC EQUATIONS
LAPLACE EQUATION
METHOD OF CHARACTERISTICS
NEUMANN PROBLEM
WAVE EQUATIONS

PARTIAL PRESSURE

GS PRESSURE
PARTIAL PRESSURE
OXYGEN TENSION
HYPOXEMIA
RT DALTON LAW
GAS PRESSURE
HENRY LAW
INTERNAL PRESSURE
RAOULT LAW
RESIDUAL GAS
TENSION
VAPOR PRESSURE

PARTICLE ACCELERATION

GS RATES (PER TIME)
ACCELERATION (PHYSICS)
PARTICLE ACCELERATION
RT ACCELERATION

PARTICLE ACCELERATION--(cont.)

ELECTROMAGNETIC ACCELERATION
MAGNETIC FIELDS
PLASMA ACCELERATION
RACETRACKS (PARTICLE
ACCELERATORS)
WAVE-PARTICLE INTERACTIONS

PARTICLE ACCELERATOR TARGETS

GS TARGETS
PARTICLE ACCELERATOR TARGETS
RT ACCELERATORS
TARGET THICKNESS

PARTICLE ACCELERATORS

GS PARTICLE ACCELERATORS
CYCLIC ACCELERATORS
BETATRONS
SYNCHROCYCLOTRONS
SYNCHROTRONS
BEVATRON
STORAGE RINGS (PARTICLE
ACCELERATORS)
CYCLOTRONS
GEOCYCLOTRONS
MICROTRONS
OAK RIDGE ISOCHRONOUS
CYCLOTRON
OMEGATRONS
SYNCHROCYCLOTRONS
ELECTRON ACCELERATORS
BETATRONS
ION ACCELERATORS
LINEAR ACCELERATORS
NIMROD ACCELERATOR
SUPERCONDUCTING SUPER COLLIDER
SYNCHROPHASOTRONS
VAN DE GRAAFF ACCELERATORS
RT ACCELERATORS
BEAM SPLITTERS
ELECTRON GUNS
ELEMENTARY PARTICLES
ION SOURCES
KAON PRODUCTION
NEUTRON SOURCES
NUCLEAR PARTICLES
RACETRACKS (PARTICLE
ACCELERATORS)
RAILGUN ACCELERATORS
SEPEC (PAYLOAD)

PARTICLE BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
ATOMIC BEAMS
ELECTRON BEAMS
RELATIVISTIC ELECTRON BEAMS
ION BEAMS
NEUTRAL BEAMS
MOLECULAR BEAMS
NEUTRON BEAMS
NEUTRINO BEAMS
PION BEAMS
PROTON BEAMS
RT BEAM SPLITTERS
ELECTRON ACCELERATION
ELECTRON BOMBARDMENT
FLUX (RATE)
ION STRIPPING
PHONON BEAMS

PARTICLE CHARGING

RT CHARGED PARTICLES

PARTICLE COLLISIONS

GS COLLISIONS
PARTICLE COLLISIONS
RT ATOMIC COLLISIONS
ATOMIC EXCITATIONS
BGK MODEL
DENSE PLASMAS
FADDEEV EQUATIONS
IONIC COLLISIONS
KINETICS
MEAN FREE PATH
MOLECULAR COLLISIONS
MOLECULAR EXCITATION
NUCLEON-NUCLEON SCATTERING
SCATTERING

PARTICLE COUNTERS

USE RADIATION COUNTERS

PARTICLE DECAY

USE RADIOACTIVE DECAY

PARTICLE DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ELECTRON DENSITY
(CONCENTRATION)
CARRIER DENSITY (SOLID STATE)
ELECTRON DENSITY PROFILES
IONOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ELECTRON
DENSITY
ELECTRON DISTRIBUTION
ELECTRON DENSITY PROFILES
ION DENSITY (CONCENTRATION)
IONOSPHERIC ION DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON
DENSITY
PROTON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC PROTON
DENSITY
PLASMA DENSITY
RT ATMOSPHERIC DENSITY
ESRO 4 SATELLITE
ION STRIPPING
IONOSPHERIC COMPOSITION
SPACE DENSITY
SPATIAL DISTRIBUTION

PARTICLE DETECTORS

USE RADIATION COUNTERS

PARTICLE DIFFUSION

GS DIFFUSION
PARTICLE DIFFUSION
ELECTRON DIFFUSION
IONIC DIFFUSION
RT ATOMIC BEAMS
BOLTZMANN TRANSPORT EQUATION
DIFFUSION COEFFICIENT
DIFFUSION LENGTH
DROP SIZE
FLUX (RATE)
GASEOUS SELF-DIFFUSION
MOLECULAR DIFFUSION
MUON SPIN ROTATION
SELF DIFFUSION (SOLID STATE)
THERMOPHORESIS

PARTICLE EMISSION

GS EMISSION
PARTICLE EMISSION
ELECTRON EMISSION
FIELD EMISSION
PHOTOELECTRIC EMISSION
SECONDARY EMISSION
ION EMISSION
NEUTRON EMISSION
THERMIONIC EMISSION
RT EXHAUST EMISSION
EXPULSION
SELF SUSTAINED EMISSION
STIMULATED EMISSION

PARTICLE ENERGY

GS PARTICLE ENERGY
ELECTRON ENERGY
ELECTRON STATES
PROTON ENERGY
RT ENERGY
INTERNAL ENERGY
KINETIC ENERGY
MONOCHROMATIZATION
PARTICLE INTENSITY

PARTICLE FLUX

USE FLUX (RATE)

PARTICLE FLUX DENSITY

SN (LIMITED TO PARTICLE EMISSION OR
DETECTION RATE PER UNIT AREA)
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RT HELIOS SATELLITES
PARTICLE INTENSITY
RADIANCY
RADIATION COUNTERS
RADIATION PRESSURE
SOLAR CONSTANT
SOLAR FLUX DENSITY

PARTICLE IMAGE DISPLACEMENT VELOCIMETRY

USE PARTICLE IMAGE VELOCIMETRY

PARTICLE IMAGE VELOCIMETRY

- UF PARTICLE IMAGE DISPLACEMENT VELOCIMETRY
- PIDV (VELOCIMETRY)
- PIV (VELOCIMETRY)
- GS MECHANICAL MEASUREMENT
 - . FLOW MEASUREMENT
 - . **PARTICLE IMAGE VELOCIMETRY**
 - . VELOCITY MEASUREMENT
- RT **PARTICLE IMAGE VELOCIMETRY**
 - FLOW DISTRIBUTION
 - FLOW VELOCITY
 - FLOW VISUALIZATION
 - IMAGING TECHNIQUES
 - LASER DOPPLER VELOCIMETERS
 - PHOTOGRAPHIC MEASUREMENT
 - PHOTOGRAPHIC RECORDING
 - TWO PHASE FLOW

PARTICLE IN CELL TECHNIQUE

- GS ANALYSIS (MATHEMATICS)
 - . NUMERICAL ANALYSIS
 - . APPROXIMATION
- RT **PARTICLE IN CELL TECHNIQUE**
 - ∞ CELLS
 - CRYSTAL LATTICES
 - FLOW EQUATIONS
 - ∞ METHODOLOGY
 - VORTEX IN CELL TECHNIQUE

∞ PARTICLE INTENSITY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT PARTICLE ENERGY
- PARTICLE FLUX DENSITY

PARTICLE INTERACTIONS

- GS **PARTICLE INTERACTIONS**
 - . ELEMENTARY PARTICLE INTERACTIONS
 - . HIGH ENERGY INTERACTIONS
 - . STRONG INTERACTIONS (FIELD THEORY)
 - . MESON-MESON INTERACTIONS
 - . MESON-NUCLEON INTERACTIONS
 - . NUCLEAR CAPTURE
 - . ELECTRON CAPTURE
 - . NUCLEON-NUCLEON INTERACTIONS
 - . WEAK ENERGY INTERACTIONS
 - . WEAK INTERACTIONS (FIELD THEORY)
 - . ION ATOM INTERACTIONS
 - . MOLECULAR INTERACTIONS
 - . MOLECULAR COLLISIONS
 - . NUCLEAR INTERACTIONS
 - . NUCLEAR CAPTURE
 - . ELECTRON CAPTURE
 - . SPIN-ORBIT INTERACTIONS
 - . ELECTRON CAPTURE
 - . WEAK INTERACTIONS (FIELD THEORY)
 - . PLASMA-PARTICLE INTERACTIONS
 - . WAVE-PARTICLE INTERACTIONS
- RT BRAGG CURVE
- CHARM (PARTICLE PHYSICS)
- CHEMICAL REACTIONS
- COLLISION PARAMETERS
- ELECTRON PHONON INTERACTIONS
- ELECTRON SCATTERING
- FEYNMAN DIAGRAMS
- FLAVOR (PARTICLE PHYSICS)
- ∞ INTERACTIONS
- NEUTRAL CURRENTS
- NUCLEAR REACTIONS
- PHOTONUCLEAR REACTIONS
- PHOTOPHORESIS
- QUANTUM CHROMODYNAMICS

PARTICLE LADEN JETS

- RT FUEL FLOW
- JET FLOW
- PARTICLES
- TURBULENT FLOW

PARTICLE MASS

- GS MASS
 - . **PARTICLE MASS**
 - . ELECTRON MASS
- RT GRAVITINOS
- MAGNETIC RIGIDITY
- NUCLIDES

PARTICLE MOTION

- RT DIFFRACTION RADIATION
- ELECTROPHORESIS
- FALLING
- LATTICE VIBRATIONS
- MAGNETIC RIGIDITY
- MEAN FREE PATH
- ∞ MOTION
- NEUTRAL SHEETS
- PHOTOPHORESIS
- RECOILINGS
- RELATIVISTIC VELOCITY
- SETTLING
- THERMOPHORESIS

PARTICLE PRECIPITATION

- GS **PARTICLE PRECIPITATION**
 - . ELECTRON PRECIPITATION
 - . PROTON PRECIPITATION
- RT ATOMIC STRUCTURE
- CHARGED PARTICLES
- ∞ PRECIPITATION

PARTICLE PRODUCTION

- GS **PARTICLE PRODUCTION**
 - . KAON PRODUCTION
 - . PAIR PRODUCTION
 - . PHOTOPRODUCTION
- RT COMMUNION
- CORPUSCULAR RADIATION
- HIGH ENERGY INTERACTIONS
- NUCLEAR RADIATION
- NUCLEAR REACTIONS
- PARTICLES
- RADIOACTIVITY
- SPALLATION

PARTICLE SIZE DISTRIBUTION

- GS SIZE DISTRIBUTION
- RT **PARTICLE SIZE DISTRIBUTION**
 - DIMENSIONS
 - DROP SIZE
 - FINENESS
 - FINES
 - FRACTIONS
 - GRAIN SIZE
 - PARTICLES
 - PARTICULATES
 - PRECIPITATION PARTICLE MEASUREMENT
 - SIZE DETERMINATION
 - SIZE SEPARATION
 - SOLIDS FLOW
 - THERMOPHORESIS

PARTICLE SPIN

- GS SPIN
 - . **PARTICLE SPIN**
 - . ELECTRON SPIN
 - . ISOTOPIC SPIN
 - . NUCLEAR SPIN
- RT ANGULAR MOMENTUM
- ISING MODEL
- MUON SPIN ROTATION
- NUCLEAR MAGNETIC RESONANCE
- NUCLEAR PHYSICS
- PARITY
- QUENCHING (ATOMIC PHYSICS)
- SPIN RESONANCE

PARTICLE TELESCOPES

- UF ELECTRON TELESCOPES
- GEP TELESCOPES
- GODDARD EXPERIMENT PACKAGE
- TELESCOPE
- PROTON TELESCOPES
- GS MEASURING INSTRUMENTS
- COUNTERS
- . RADIATION COUNTERS
- . **PARTICLE TELESCOPES**
- . RADIATION MEASURING INSTRUMENTS
- . RADIATION COUNTERS
- . **PARTICLE TELESCOPES**
- TELESCOPES
- RT **PARTICLE TELESCOPES**
 - GEIGER COUNTERS
 - SATELLITE-BORNE INSTRUMENTS
 - SCINTILLATION COUNTERS

PARTICLE THEORY

- RT BODY KINEMATICS
- CHARM (PARTICLE PHYSICS)
- COLLISION PARAMETERS
- FLAVOR (PARTICLE PHYSICS)
- GRAND UNIFIED THEORY

PARTICLE THEORY--(cont.)

- ∞ INTERACTIONS
- MANY BODY PROBLEM
- PLASMA-PARTICLE INTERACTIONS
- QUARK MODELS
- STRING THEORY
- SUPERGRAVITY
- SUPERSYMMETRY
- ∞ THEORIES
- UNIFIED FIELD THEORY
- WEAK ENERGY INTERACTIONS

PARTICLE TRACKS

- RT CHEMICAL ANALYSIS
- CORE SAMPLING
- COSMIC RAYS
- FOSSILS
- GEOCHRONOLOGY
- LUNAR ROCKS
- METEORIDS
- NUCLEAR PARTICLES
- RADIATION EFFECTS
- STRATIGRAPHY
- TRACE ELEMENTS
- ∞ TRACKS

PARTICLE TRAJECTORIES

- GS TRAJECTORIES
- RT **PARTICLE TRAJECTORIES**
 - . ELECTRON TRAJECTORIES
 - BUBBLE CHAMBERS
 - CHARGED PARTICLES
 - ELECTRON OPTICS
 - IONIZING RADIATION
- ∞ MOTION
- ∞ PATHS
- RACETRACKS (PARTICLE ACCELERATORS)
- ∞ TRACKS

PARTICLES

- GS **PARTICLES**
 - . AEROSOLS
 - . FOG
 - . CHARGED PARTICLES
 - . ANTIPROTONS
 - . ENERGETIC PARTICLES
 - . ELECTRONS
 - . CONDUCTION ELECTRONS
 - . HIGH ENERGY ELECTRONS
 - . HOT ELECTRONS
 - . N ELECTRONS
 - . NEGATONS
 - . PI-ELECTRONS
 - . NUCLEI (NUCLEAR PHYSICS)
 - . EVEN-EVEN NUCLEI
 - . HEAVY NUCLEI
 - . HYPERNUCLEI
 - . ODD-EVEN NUCLEI
 - . ODD-ODD NUCLEI
 - . PLASMAS (PHYSICS)
 - . ARGON PLASMA
 - . BETA PARTICLES
 - . BOUNDARY LAYER PLASMAS
 - . COLD PLASMAS
 - . COLLISIONAL PLASMAS
 - . STRONGLY COUPLED PLASMAS
 - . COLLISIONLESS PLASMAS
 - . COSMIC PLASMA
 - . CYLINDRICAL PLASMAS
 - . DENSE PLASMAS
 - . PLASMA FOCUS
 - . STRONGLY COUPLED PLASMAS
 - . ELECTRON PLASMA
 - . ELECTRON-POSITRON PLASMAS
 - . ELLIPTICAL PLASMAS
 - . HELIUM PLASMA
 - . HIGH TEMPERATURE PLASMAS
 - . HYDROGEN PLASMA
 - . DEUTERIUM PLASMA
 - . LASER PLASMAS
 - . METALLIC PLASMAS
 - . CESIUM PLASMA
 - . MICROPLASMAS
 - . NITROGEN PLASMA
 - . NONEQUILIBRIUM PLASMAS
 - . NONUNIFORM PLASMAS
 - . OXYGEN PLASMA
 - . RAREFIED PLASMAS
 - . RELATIVISTIC PLASMAS
 - . ROTATING PLASMAS
 - . SEMICONDUCTOR PLASMAS
 - . SPACE PLASMAS
 - . SOLAR WIND
 - . STELLAR WINDS

PARTICLES--(cont.)

. . . . SPHERICAL PLASMAS
 THERMAL PLASMAS
 TOROIDAL PLASMAS
 IONIZED GASES
 LORENTZ GAS
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 PARTONS
 PLASMA CLOUDS
 MAGNETIC CLOUDS
 PLASMA JETS
 RADIO JETS (ASTRONOMY)
 PLASMA LAYERS
 PLASMA SHEATHS
 PLASMA SLABS
 POSITRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 CORPUSCULAR RADIATION
 ELECTRON PRECIPITATION
 ELECTRON RADIATION
 BETA PARTICLES
 ELECTRON BEAMS
 RELATIVISTIC ELECTRON BEAMS
 PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 RADIATION BELTS
 SOLAR CORPUSCULAR RADIATION
 SOLAR ELECTRONS
 SOLAR NEUTRONS
 SOLAR PROTONS
 DROPS (LIQUIDS)
 RAINDROPS
 DUST
 COSMIC DUST
 INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 ZODIACAL DUST
 LUNAR DUST
 TERRESTRIAL DUST BELT
 ELEMENTARY PARTICLES
 ANTIPARTICLES
 ANTINEUTRINOS
 ANTINEUTRONS
 ANTIPROTONS
 POSITRONS
 BETA PARTICLES
 BOSONS
 ALPHA PARTICLES
 MESONS
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 XI HYPERONS
 DEUTERONS
 ELECTRON-POSITRON PAIRS
 FERMIONS
 BARYONS
 HYPERONS
 XI HYPERONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 ETA-MESONS
 LEPTONS
 ANTINEUTRINOS
 MUONS
 NEUTRINOS
 SOLAR NEUTRINOS
 MESON RESONANCE
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 SOLAR NEUTRONS
 THERMAL NEUTRONS
 PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 GLUONS
 GRAVITINOS
 GRAVITONS
 HADRONS

PARTICLES--(cont.)

. . . . BARYONS
 OMEGA-MESONS
 RHO-MESONS
 SIGMA-MESONS
 MESONS
 KAONS
 MUONS
 OMEGA-MESONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 MAGNETIC MONOPOLES
 NUCLEONS
 PARTONS
 QUARKS
 TACHYONS
 FLAKES
 METAL PARTICLES
 METAL POWDER
 PLATINUM BLACK
 POWDERED ALUMINUM
 SINTERED ALUMINUM POWDER
 MICROPARTICLES
 MIST
 NEUTRAL PARTICLES
 GRAVITINOS
 NEUTRONS
 COLD NEUTRONS
 FAST NEUTRONS
 PHOTONEUTRONS
 SOLAR NEUTRONS
 THERMAL NEUTRONS
 NUCLEAR PARTICLES
 ANTIPARTICLES
 ANTINEUTRINOS
 ANTINEUTRONS
 ANTINUCLEONS
 ANTIPROTONS
 POSITRONS
 BETA PARTICLES
 BOSONS
 ALPHA PARTICLES
 MESONS
 ETA-MESONS
 KAONS
 MESON RESONANCE
 X MESONS
 MUONS
 PIONS
 VECTOR MESONS
 RHO-MESONS
 SIGMA-MESONS
 PHOTONS
 XI HYPERONS
 NUCLEONS
 PHOTOELECTRONS
 PARTICULATES
 SOOT
 POLLEN
 POWDER (PARTICLES)
 FINES
 METAL POWDER
 PLATINUM BLACK
 POWDERED ALUMINUM
 SINTERED ALUMINUM POWDER
 RELATIVISTIC PARTICLES
 RELATIVISTIC ELECTRON BEAMS
 TRAPPED PARTICLES
 MAGNETICALLY TRAPPED PARTICLES
 RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
 PROTON BELTS
 AIR POLLUTION
 CHEMICAL CLOUDS
 CLOUDS
 COLLOIDS
 DEUTERON IRRADIATION
 DIRT
 DISPERSIONS
 GAS ATOMIZATION
 GRAINS
 GRANULAR MATERIALS
 GRIT
 ION STRIPPING
 IONS
 NEUTRAL BEAMS
 NEUTRON BEAMS
 NODULES
 NONPOINT SOURCES
 PARTICLE LADEN JETS
 PARTICLE PRODUCTION
 PARTICLE SIZE DISTRIBUTION
 POSITRON ANNIHILATION

RT

PARTICLES--(cont.)

. . . . PRECIPITATION PARTICLE
 MEASUREMENT
 PROTON PRECIPITATION
 SMOKE

PARTICULATE FILTERS

USE FLUID FILTERS

PARTICULATE REINFORCED COMPOSITES

GS COMPOSITE MATERIALS

. . . . PARTICULATE REINFORCED COMPOSITES

RT METAL MATRIX COMPOSITES

. . . . METAL PARTICLES

. . . . MICROPARTICLES

. . . . PARTICULATES

. . . . REINFORCING MATERIALS

PARTICULATE SAMPLING

GS SAMPLING

. . . . PARTICULATE SAMPLING

RT ASSAYING

. . . . CHEMICAL ANALYSIS

. . . . CONCENTRATION (COMPOSITION)

. . . . IDENTIFYING

. . . . PARTICULATES

PARTICULATES

GS PARTICLES

. . . . PARTICULATES

. . . . SOOT

RT

. . . . AEROSOLS

. . . . AIR POLLUTION

. . . . AIR QUALITY

. . . . AIR SAMPLING

. . . . ATMOSPHERIC COMPOSITION

. . . . COMBUSTION PRODUCTS

. . . . CONTAMINANTS

. . . . DISPERSIONS

. . . . DUST

. . . . EXHAUST GASES

. . . . FLY ASH

. . . . PARTICLE SIZE DISTRIBUTION

. . . . PARTICULATE REINFORCED

. . . . COMPOSITES

. . . . PARTICULATE SAMPLING

. . . . POLLUTION CONTROL

. . . . POLLUTION MONITORING

. . . . SMOG

. . . . SMOKE

. . . . SOLID SUSPENSIONS

∞ PARTITIONS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)

RT

. . . . CURTAINS

. . . . PARTITIONS (MATHEMATICS)

. . . . PARTITIONS (STRUCTURES)

. . . . SEPTUM

PARTITIONS (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)

. . . . COMBINATORIAL ANALYSIS

. . . . PARTITIONS (MATHEMATICS)

RT

. . . . COMBINATIONS (MATHEMATICS)

. . . . EQUIVALENCE

∞ PARTITIONS

. . . . PERMUTATIONS

PARTITIONS (STRUCTURES)

RT BULKHEADS

. . . . CURTAINS

∞ PARTITIONS

. . . . THIN WALLS

. . . . WALLS

PARTONS

GS PARTICLES

. . . . CHARGED PARTICLES

. . . . PARTONS

. . . . ELEMENTARY PARTICLES

. . . . PARTONS

RT

. . . . HADRONS

. . . . LEPTONS

. . . . QUARK PARTON MODEL

. . . . QUARKS

PARTS

USE COMPONENTS

PAS

UF PERIGEE-APOGEE SATELLITES

PAS--(cont.)

GS ARTIFICIAL SATELLITES
 . PAS
 RT ELLIPTICAL ORBITS
 TWENTY-FOUR HOUR ORBITS

PASCAL (PROGRAMMING LANGUAGE)

GS LANGUAGES
 . PROGRAMMING LANGUAGES
 . . PASCAL (PROGRAMMING LANGUAGE)
 RT COMPILERS
 COMPUTER PROGRAMMING

PASCHEN SERIES

GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 PASCHEN SERIES
 RT ABSORPTION SPECTRA
 ATOMIC SPECTRA
 ELECTRON TRANSITIONS
 EMISSION SPECTRA
 H LINES
 HYDROGEN

PASSAGEWAYS

GS PASSAGEWAYS
 . STRAITS
 . . TORRES STRAIT
 . . TRANSFER TUNNELS
 RT APPROACH
 CAVITIES
 CORRIDORS
 GAPS
 NOTCHES
 OPENINGS
 ∞ PATHS
 ROADS
 ∞ TUNNELS
 UNDERGROUND STRUCTURES
 VESTIBULES

PASSENGER AIRCRAFT

UF EXECUTIVE AIRCRAFT
 GS PASSENGER AIRCRAFT
 . BAC 111 AIRCRAFT
 . BO-105 HELICOPTER
 . BOEING 707 AIRCRAFT
 . BOEING 720 AIRCRAFT
 . BOEING 727 AIRCRAFT
 . BOEING 737 AIRCRAFT
 . BOEING 747 AIRCRAFT
 . BOEING 757 AIRCRAFT
 . BOEING 767 AIRCRAFT
 . BOEING 777 AIRCRAFT
 . BREGUET 941 AIRCRAFT
 . C-33 AIRCRAFT
 . C-35 AIRCRAFT
 . C-46 AIRCRAFT
 . CESSNA 172 AIRCRAFT
 . CESSNA 205 AIRCRAFT
 . CESSNA 210 AIRCRAFT
 . CESSNA 402B AIRCRAFT
 . CH-3 HELICOPTER
 . CH-46 HELICOPTER
 . CH-47 HELICOPTER
 . CH-54 HELICOPTER
 . COMET 4 AIRCRAFT
 . COMMUTER AIRCRAFT
 . CV-340 AIRCRAFT
 . CV-440 AIRCRAFT
 . CV-880 AIRCRAFT
 . CV-990 AIRCRAFT
 . DC 8 AIRCRAFT
 . DC 10 AIRCRAFT
 . DH 121 AIRCRAFT
 . DH 125 AIRCRAFT
 . DO-27 AIRCRAFT
 . DO-28 AIRCRAFT
 . ELECTRA AIRCRAFT
 . EUROPEAN AIRBUS
 . . A-300 AIRCRAFT
 . . A-310 AIRCRAFT
 . . A-320 AIRCRAFT
 . F-27 AIRCRAFT
 . F-28 HELICOPTER
 . F-28 TRANSPORT AIRCRAFT
 . G-1 AIRCRAFT
 . G-222 AIRCRAFT
 . H-19 HELICOPTER
 . H-53 HELICOPTER
 . H-56 HELICOPTER
 . HFB-320 AIRCRAFT
 . HS-748 AIRCRAFT

PASSENGER AIRCRAFT--(cont.)

. IL-62 AIRCRAFT
 . JETSTREAM AIRCRAFT
 . L-1011 AIRCRAFT
 . L-2000 AIRCRAFT
 . MYSTERE 20 AIRCRAFT
 . OH-5 HELICOPTER
 . P-160 AIRCRAFT
 . P-166 AIRCRAFT
 . SE-210 AIRCRAFT
 . T-39 AIRCRAFT
 . TU-104 AIRCRAFT
 . TU-124 AIRCRAFT
 . TU-134 AIRCRAFT
 . TU-144 AIRCRAFT
 . U-10 AIRCRAFT
 . VC-10 AIRCRAFT
 . VISCOUNT AIRCRAFT
 . YAK 40 AIRCRAFT
 . YS-11 AIRCRAFT
 RT AIR TRANSPORTATION
 ∞ AIRCRAFT
 AN-22 AIRCRAFT
 AN-24 AIRCRAFT
 CARGO AIRCRAFT
 CIVIL AVIATION
 COMMERCIAL AIRCRAFT
 DC 7 AIRCRAFT
 E-2 AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 GROUND EFFECT MACHINES
 HC-3 HELICOPTER
 JET AIRCRAFT
 LIGHT AIRCRAFT
 LIGHT TRANSPORT AIRCRAFT
 ∞ LOW WING AIRCRAFT
 MERCURE AIRCRAFT
 MH-262 AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MYSTERE 50 AIRCRAFT
 P-531 HELICOPTER
 PD-808 AIRCRAFT
 ROTARY WING AIRCRAFT
 SAAB 105 AIRCRAFT
 SC-7 AIRCRAFT
 SHORT HAUL AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 SUPERSONIC AIRCRAFT
 SUPERSONIC TRANSPORTS
 TRANSPORT AIRCRAFT
 TU-154 AIRCRAFT
 TURBOFAN AIRCRAFT
 TURBOPROP AIRCRAFT
 V/STOL AIRCRAFT
 WATER TAKEOFF AND LANDING
 AIRCRAFT

PASSENGERS

RT AIRLINE OPERATIONS
 AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 AUTOMATED MIXED TRAFFIC VEHICLES
 AUTOMATED TRANSIT VEHICLES
 PAYLOADS
 RAPID TRANSIT SYSTEMS
 RIDING QUALITY
 TRANSPORTATION

PASSES

USE GAPS (GEOLOGY)

PASSIVATION

USE PASSIVITY

PASSIVE ELEMENTS

USE PARASITIC ELEMENTS (ANTENNAS)

PASSIVE L-BAND RADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 PASSIVE L-BAND RADIOMETERS
 RT MICROWAVE FREQUENCIES
 ULTRAHIGH FREQUENCIES

PASSIVE NOSETIP TECHNOLOGY

USE PANT PROGRAM

PASSIVE SATELLITES

UF REFLECTOR SATELLITES
 GS ARTIFICIAL SATELLITES
 . PASSIVE SATELLITES
 . . BEACON SATELLITES
 . . . BEACON EXPLORER A

PASSIVE SATELLITES--(cont.)

. . . EXPLORER 22 SATELLITE
 . . . ECHO SATELLITES
 . . . ECHO 1 SATELLITE
 . . . ECHO 2 SATELLITE
 . . LAGEOS (SATELLITE)
 . . PAGEOS SATELLITE
 RT ACTIVE SATELLITES
 COMMUNICATION SATELLITES
 ECHO PROJECT
 GEODETIC SATELLITES
 NAVIGATION SATELLITES
 SYNCHRONOUS SATELLITES

PASSIVITY

UF PASSIVATION
 RT ANODIZING
 CHEMICAL ATTACK
 CHEMICAL PROPERTIES
 COATINGS
 CORROSION
 CORROSION PREVENTION
 CORROSION RESISTANCE
 DEACTIVATION
 ELECTROLYSIS
 ∞ INHIBITION
 INHIBITORS
 OXIDATION
 OXIDATION RESISTANCE
 RUSTING
 SILICONIZING

PASTE (CONSISTENCY)

RT MIXTURES

PASTES

GS ADHESIVES
 . PASTES
 RT GLUES
 PLASTERS

PASTEURIZING

GS HEATING
 . PASTEURIZING
 RT PURIFICATION
 STERILIZATION

PATCH TESTS

SN (CONDITIONS FOR ASSESSING FINITE
 ELEMENT METHOD CONVERGENCE AND
 STABILITY PROPERTIES)
 RT CONVERGENCE
 FINITE ELEMENT METHOD
 HYDRAULIC FLUIDS
 STRUCTURAL ANALYSIS
 ∞ TESTS

PATENT APPLICATIONS

RT COPYRIGHTS
 INVENTIONS
 LICENSING
 PATENTS
 PRODUCT DEVELOPMENT
 TECHNOLOGY UTILIZATION

PATENT POLICY

GS POLICIES
 . PATENT POLICY
 RT INVENTIONS
 PATENTS
 PRODUCT DEVELOPMENT
 REGULATIONS
 RULES

PATENTS

RT CLAIMING
 GRANTS
 INVENTIONS
 PATENT APPLICATIONS
 PATENT POLICY

PATH PLANNING

USE TRAJECTORY PLANNING

PATHFINDER NUCLEAR REACTOR

GS NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR POWER REACTORS
 . . PATHFINDER NUCLEAR REACTOR
 NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 PATHFINDER NUCLEAR REACTOR

PATHFINDER NUCLEAR REACTOR--(cont.)
 . NUCLEAR POWER REACTORS
 . . **PATHFINDER NUCLEAR REACTOR**

PATHOGENESIS
 RT CHOLERA
 DISEASES
 PATHOGENS

PATHOGENS
 RT BACTERIA
 CLOSTRIDIUM BOTULINUM
 PATHOGENESIS

PATHOLOGICAL EFFECTS
 RT BIOLOGICAL EFFECTS
 CARBON MONOXIDE POISONING
 CHOLERA
 DISEASES
 ∞ EFFECTS
 PHYSIOLOGICAL RESPONSES
 ∞ STRESS (BIOLOGY)

PATHOLOGY
 GS MEDICAL SCIENCE
 . **PATHOLOGY**
 . . HUMAN PATHOLOGY
 RT AUTOPSIES
 DIAGNOSIS
 DISSECTION
 HEMORRHAGES
 RADIATION THERAPY
 VETERINARY MEDICINE

∞ **PATHS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 UF COURSES
 LANES
 RT CRITICAL PATH METHOD
 DIFFRACTION PATHS
 DUALITY PRINCIPLE
 FLIGHT PATHS
 GROUND TRACKS
 MEAN FREE PATH
 METEOR TRAILS
 MULTIPATH TRANSMISSION
 NETWORK ANALYSIS
 OPERATIONS RESEARCH
 OPTICAL PATHS
 ORBITS
 PARTICLE TRAJECTORIES
 PASSAGEWAYS
 PERT
 ROUTES
 SOUND TRANSMISSION
 THERMODYNAMICS
 TRAJECTORIES

PATIENTS
 RT HUMAN BEINGS
 HUMAN PATHOLOGY
 THERAPY

PATRIOT MISSILE
 GS MISSILES
 . SURFACE TO AIR MISSILES
 . . **PATRIOT MISSILE**
 RT MISSILE CONFIGURATIONS
 ∞ ROCKETS
 WEAPONS

PATROLS
 RT RECONNAISSANCE

PATTERN DISTRIBUTION
 USE DISTRIBUTION (PROPERTY)

PATTERN METHOD (FORECASTING)
 GS FORECASTING
 . TECHNOLOGICAL FORECASTING
 . . **PATTERN METHOD (FORECASTING)**
 MANAGEMENT METHODS
 . **PATTERN METHOD (FORECASTING)**
 RT DELPHI METHOD (FORECASTING)
 ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 PLANNING
 PREDICTIONS
 PROBE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

PATTERN RECOGNITION
 UF AUTOMATIC PATTERN RECOGNITION
 FEATURE EXTRACTION
 GS RECOGNITION
 . **PATTERN RECOGNITION**
 . . CHARACTER RECOGNITION
 . . . GRAPHOLOGY
 RT CHANGE DETECTION
 CLUMPS
 CLUSTER ANALYSIS
 COMPUTER VISION
 CONTEXT
 EDGE DETECTION
 FEATURE IDENTIFICATION AND
 LOCATION EXPER
 GRAY SCALE
 IMAGE ANALYSIS
 IMAGE CLASSIFICATION
 MULTISENSOR APPLICATIONS
 OPTICAL RELAY SYSTEMS
 PRINCIPAL COMPONENTS ANALYSIS
 READERS
 REPETITION

PATTERN REGISTRATION
 RT COMPARISON
 IMAGE CONTRAST
 IMAGE CORRELATORS
 IMAGE MOTION COMPENSATION
 IMAGE RECONSTRUCTION
 IMAGE RESOLUTION
 IMAGING TECHNIQUES
 MAGNETIC SIGNATURES
 MATCHING

∞ **PATTERNS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT DIFFRACTION PATTERNS
 DISTRIBUTION (PROPERTY)
 DRAINAGE PATTERNS
 KURTOSIS
 MOLDS
 PHOTOMASKS
 PROTOTYPES
 RADIATION DISTRIBUTION
 REGULARITY
 RESINS
 SPECKLE PATTERNS
 SYNTHETIC ARRAYS
 TEMPLATES
 TEST PATTERN GENERATORS
 WIDMANSTATTEN STRUCTURE

PATTERSON MAP
 GS CHARTS
 . GRAPHS (CHARTS)
 . . **PATTERSON MAP**
 RT CRYSTAL LATTICES
 CRYSTAL STRUCTURE
 LATTICE PARAMETERS

PAULI EXCLUSION PRINCIPLE
 GS QUANTUM MECHANICS
 . **PAULI EXCLUSION PRINCIPLE**
 WAVE FUNCTIONS
 . **PAULI EXCLUSION PRINCIPLE**
 RT ATOMIC STRUCTURE
 EXCLUSION
 FERMIONS

PAVEMENTS
 RT ASPHALT
 COATINGS
 CONCRETES
 FOUNDATIONS
 HIGHWAYS
 ROADS
 RUNWAYS
 STREETS

PAYLOAD ASSIST MODULE
 GS MODULES
 . **PAYLOAD ASSIST MODULE**
 ROCKET VEHICLES
 . **PAYLOAD ASSIST MODULE**
 RT INSTRUMENT PACKAGES
 PAYLOADS
 SPACE SHUTTLE PAYLOADS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

PAYLOAD CONTROL
 RT ∞ CONTROL

PAYLOAD CONTROL--(cont.)
 PAYLOADS
 SOUNDING ROCKETS
 SPACE SHUTTLES

PAYLOAD DELIVERY (STS)
 GS DELIVERY
 . **PAYLOAD DELIVERY (STS)**
 RT ADVANCED LAUNCH SYSTEM (STS)
 ELECTRIC POWER SUPPLIES
 ORBIT INSERTION
 ORBIT TRANSFER VEHICLES
 ORBITAL LAUNCHING
 PAYLOADS
 POWER MODULES (STS)
 SOLAR ARRAYS
 SPACE TRANSPORTATION SYSTEM

PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
 GS **PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM**
 RT . REMOTE MANIPULATOR SYSTEM
 MANIPULATORS
 NASA PROGRAMS
 ORBIT TRANSFER VEHICLES
 PAYLOADS
 REMOTE HANDLING
 SPACE SHUTTLES
 ∞ SYSTEMS

PAYLOAD INTEGRATION
 RT MISSION PLANNING
 PAYLOAD INTEGRATION PLAN
 PAYLOADS
 SPACE SHUTTLE PAYLOADS

PAYLOAD INTEGRATION PLAN
 RT PAYLOAD INTEGRATION
 PAYLOADS
 ∞ PLANS
 SPACE SHUTTLE ORBITERS
 SPACE SHUTTLE PAYLOADS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS

PAYLOAD MASS RATIO
 GS RATIOS
 . MASS RATIOS
 . . **PAYLOAD MASS RATIO**
 RT MULTISTAGE ROCKET VEHICLES
 PIGGYBACK SYSTEMS
 PRESSURE RATIO
 PROPELLANT MASS RATIO

PAYLOAD RETRIEVAL (STS)
 GS RETRIEVAL
 . **PAYLOAD RETRIEVAL (STS)**
 RT ORBIT TRANSFER VEHICLES
 ORBITAL RENDEZVOUS
 PAYLOAD TRANSFER
 REMOTE MANIPULATOR SYSTEM
 SPACE SHUTTLES
 SPACE TRANSPORTATION SYSTEM
 STATIONKEEPING

PAYLOAD STATIONS
 SN *(THE POSITION OR MOUNTING PLACE FOR A PAYLOAD ONBOARD A ROCKET VEHICLE, SPACECRAFT, OR SPACE STATION; EXCLUDES ORBITAL STATIONS AND CREW WORKSTATIONS)*
 GS STATIONS
 . **PAYLOAD STATIONS**
 RT PAYLOADS
 SPACE TRANSPORTATION

PAYLOAD TRANSFER
 RT ORBITAL SERVICING
 PAYLOAD RETRIEVAL (STS)
 SPACE MAINTENANCE

PAYLOADS
 GS **PAYLOADS**
 . EXPOS (SPACELAB PAYLOAD)
 . OSTA-2 PAYLOAD
 . SEPAC (PAYLOAD)
 . SHUTTLE IMAGING RADAR
 . SORTIE SYSTEMS
 . SPACE SHUTTLE PAYLOADS
 . . ADVANCED TECHNOLOGY
 LABORATORY
 . . ASTRO MISSIONS (STS)
 . . ATMOSPHERIC GENERAL
 CIRCULATION EXPERIMENT

PAYLOADS--(cont.)

.. EARTH RADIATION BUDGET
.. EXPERIMENT
.. EARTH VIEWING APPLICATIONS
.. LABORATORY
.. ELECTROMAGNETIC ENVIRONMENT
.. EXPERIMENT
.. GET AWAY SPECIALS (STS)
.. HALOGEN OCCULTATION
.. EXPERIMENT
.. OSS-1 PAYLOAD
.. OSTA-1 PAYLOAD
.. OSTA-3 PAYLOAD
.. PHYSICS AND CHEMISTRY
.. EXPERIMENT IN SPACE
.. PLASMA INTERACTION EXPERIMENT
.. SPACELAB
.. X RAY ASTROPHYSICS FACILITY
.. SPACE STATION PAYLOADS
.. SPACELAB PAYLOADS
.. AMPS (SATELLITE PAYLOAD)
.. ATMOSPHERIC CLOUD PHYSICS LAB
.. (SPACELAB)
.. ATMOSPHERIC GENERAL
.. CIRCULATION EXPERIMENT
.. GEOPHYSICAL FLUID FLOW CELLS
.. SOLAR CELL CALIBRATION FACILITY
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ANNULAR SUSPENSION AND POINTING
SYSTEM
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
ASTEROID CAPTURE
EASEP
GERMAN INFRARED LABORATORY
INSTRUMENT PACKAGES
LIRTS (TELESCOPE)
∞LOADING
LOADS (FORCES)
PASSENGERS
PAYLOAD ASSIST MODULE
PAYLOAD CONTROL
PAYLOAD DELIVERY (STS)
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
PAYLOAD INTEGRATION
PAYLOAD INTEGRATION PLAN
PAYLOAD STATIONS
PIGGYBACK SYSTEMS
SPACE PROCESSING APPLICATIONS
.. ROCKET
.. SPACE TRANSPORTATION
.. SPACE TUGS
.. SPACEBORNE EXPERIMENTS
.. VERTICAL 8 ROCKET
.. WARHEADS
∞WEIGHT
WEIGHT (MASS)

PBB

USE POLYBROMINATED BIPHENYLS

PBRE (REACTORS)

USE PEBBLE BED REACTORS

PCB

USE POLYCHLORINATED BIPHENYLS

PCM (MATERIALS)

USE PHASE CHANGE MATERIALS

PCM (MODULATION)

USE PULSE CODE MODULATION

PCM TELEMETRY

GS TELECOMMUNICATION
.. TELEMETRY
.. PCM TELEMETRY
TRANSMISSION
.. SIGNAL TRANSMISSION
.. TELEMETRY
.. PCM TELEMETRY
RT DIFFERENTIAL PULSE CODE
MODULATION
PULSE CODE MODULATION

PD-808 AIRCRAFT

UF DOUGLAS PD-808 AIRCRAFT
PIAGGIO-DOUGLAS PD-808 AIRCRAFT
GS JET AIRCRAFT
.. PD-808 AIRCRAFT
LIGHT AIRCRAFT
.. PD-808 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT

PD-808 AIRCRAFT--(cont.)

.. DOUGLAS AIRCRAFT
.. PD-808 AIRCRAFT
MONOPLANES
.. PD-808 AIRCRAFT
PIAGGIO AIRCRAFT
.. PD-808 AIRCRAFT
UTILITY AIRCRAFT
.. PD-808 AIRCRAFT
RT ∞AIRCRAFT
PASSENGER AIRCRAFT

PDM (MODULATION)

USE PULSE DURATION MODULATION

PDP COMPUTERS

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 7 COMPUTER
.. PDP 8 COMPUTER
.. PDP 9 COMPUTER
.. PDP 10 COMPUTER
.. PDP 11 COMPUTER
.. PDP 11/20 COMPUTER
.. PDP 11/40 COMPUTER
.. PDP 11/45 COMPUTER
.. PDP 11/50 COMPUTER
.. PDP 11/70 COMPUTER
.. PDP 12 COMPUTER

PDP 7 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 7 COMPUTER
RT PDP 9 COMPUTER

PDP 8 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 8 COMPUTER

PDP 9 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 9 COMPUTER
RT PDP 7 COMPUTER

PDP 10 COMPUTER

UF SYSTEM 10 COMPUTER
GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 10 COMPUTER

PDP 11 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 11 COMPUTER

PDP 11/20 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 11/20 COMPUTER

PDP 11/40 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 11/40 COMPUTER

PDP 11/45 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 11/45 COMPUTER

PDP 11/50 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS

PDP 11/50 COMPUTER--(cont.)

.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 11/50 COMPUTER

PDP 11/70 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 11/70 COMPUTER

PDP 12 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP COMPUTERS
.. PDP 12 COMPUTER

PDP 15 COMPUTER

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS
.. DIGITAL COMPUTERS
.. PDP 15 COMPUTER

PEACETIME

RT ELECTRONIC WARFARE
HISTORIES
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
WARFARE

∞ PEAKS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT APEXES
EXTREMUM VALUES
MAXIMA
MOUNTAINS
PLATEAUS

PEAKS (LANDFORMS)

UF PINNACLES
GS LANDFORMS
.. PEAKS (LANDFORMS)
.. PIKE'S PEAK (CO)
RT MOUNTAINS
OROGRAPHY
TOPOGRAPHY

PEARLITE

RT CEMENTITE
FERRITES
IRON ALLOYS
MICROSTRUCTURE
STEELS

PEARSON DISTRIBUTIONS

GS FUNCTIONS (MATHEMATICS)
.. PROBABILITY DENSITY FUNCTIONS
.. PEARSON DISTRIBUTIONS
STATISTICAL ANALYSIS
.. PROBABILITY DENSITY FUNCTIONS
.. PEARSON DISTRIBUTIONS
STATISTICAL DISTRIBUTIONS
.. PEARSON DISTRIBUTIONS

PEAT

GS CARBONACEOUS MATERIALS
.. PEAT
ORGANIC MATERIALS
.. PEAT
RESOURCES
.. EARTH RESOURCES
.. FOSSIL FUELS
.. PEAT
RT COAL
SEDIMENTS

PEBBLE BED REACTORS

UF PBRE (REACTORS)
GS NUCLEAR REACTORS
.. PEBBLE BED REACTORS
RT REACTOR DESIGN
REACTOR TECHNOLOGY

PECLET NUMBER

GS RATIOS
.. DIMENSIONLESS NUMBERS
.. PECLET NUMBER
RT ADVECTION
HEAT TRANSFER
PRANDTL NUMBER

PECLET NUMBER--(cont.)
 REYNOLDS NUMBER
 THERMAL DIFFUSION

PECULIAR GALAXIES
 GS CELESTIAL BODIES
 . GALAXIES
 . . . **PECULIAR GALAXIES**
 RT ELLIPTICAL GALAXIES
 GALACTIC STRUCTURE
 SPIRAL GALAXIES

PECULIAR STARS
 GS CELESTIAL BODIES
 . STARS
 . . . **PECULIAR STARS**
 . . . SHELL STARS
 . . . SIGMA ORIONIS
 . . . SYMBIOTIC STARS
 RT A STARS
 B STARS
 HOT STARS
 MAGNETIC STARS
 STELLAR SPECTRA
 STELLAR SPECTROPHOTOMETRY
 STELLAR STRUCTURE

PEDALS
 RT LEVERS
 MANUAL CONTROL

PEDIMENTS
 USE PIEDMONT

PEDIPLAINS
 USE PIEDMONT

PEDOLOGY
 USE SOIL SCIENCE

PEEK
 UF POLYETHERETHERKETONES
 GS PLASTICS
 . SYNTHETIC RESINS
 . . POLYETHER RESINS
 . . . **PEEK**
 . . . THERMOPLASTIC RESINS
 . . . **PEEK**
 RESINS
 . SYNTHETIC RESINS
 . . POLYETHER RESINS
 . . . **PEEK**
 . . . THERMOPLASTIC RESINS
 . . . **PEEK**
 RT CARBON FIBER REINFORCED PLASTICS
 ETHERS
 KETONES
 POLYMER MATRIX COMPOSITES
 RESIN MATRIX COMPOSITES

PEELING
 RT ADHESION
 CUTTING
 DEBONDING (MATERIALS)
 DELAMINATING
 FLAKING
 MECHANICAL PROPERTIES
 SHEDDING
 . . STRIPPING

PEENING
 GS METAL FINISHING
 . **PEENING**
 . . SHOT PEENING
 RT COLD WORKING
 HARDENING (MATERIALS)
 METAL WORKING
 WORK HARDENING

PEGASUS AIR-LAUNCHED BOOSTER
 GS LAUNCH VEHICLES
 . **PEGASUS AIR-LAUNCHED BOOSTER**
 ROCKET VEHICLES
 . . MULTISTAGE ROCKET VEHICLES
 . . . **PEGASUS AIR-LAUNCHED BOOSTER**
 RT AIR LAUNCHING
 B-52 AIRCRAFT

PEGASUS COMPUTER
 GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **PEGASUS COMPUTER**

PEGASUS ENGINE
 USE BRISTOL-SIDDELEY BS 53 ENGINE

PEGASUS SATELLITES
 GS ARTIFICIAL SATELLITES
 . **PEGASUS SATELLITES**
 RT SATURN PROJECT

PELAGIC ZONE
 GS REGIONS
 . **PELAGIC ZONE**
 RT OCEANOGRAPHY

PELLETS
 RT BRIQUETS
 FUEL CAPSULES
 GRANULAR MATERIALS
 NUCLEAR FUELS
 . . SHOT

PELLICLE
 RT THIN FILMS

PELOMYXA
 GS ANIMALS
 . PROTOZOA
 . . AMOEBA
 . . . **PELOMYXA**
 MICROORGANISMS
 . PROTOZOA
 . . AMOEBA
 . . . **PELOMYXA**

PELTIER EFFECTS
 RT . . EFFECTS
 SEEBECK EFFECT
 TEMPERATURE EFFECTS
 THERMOCOUPLES
 THERMOELECTRIC COOLING
 THERMOELECTRICITY
 THERMOPHYSICAL PROPERTIES

PELVIS
 GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . **PELVIS**
 RT GIRDLES

PENALTIES
 GS LAW (JURISPRUDENCE)
 . PUBLIC LAW
 . . **PENALTIES**
 RT AIR LAW
 DISCIPLINING
 JUDGMENTS
 LEGAL LIABILITY
 LIABILITIES
 PROHIBITION
 REGULATIONS

PENALTY FUNCTION
 GS FUNCTIONS (MATHEMATICS)
 . **PENALTY FUNCTION**
 RT CONSTRAINTS
 . . FUNCTIONS
 MAXIMA
 MINIMA
 OPTIMIZATION

PENCIL BEAMS
 GS BEAMS (RADIATION)
 . **PENCIL BEAMS**
 RT ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 RADAR BEAMS

PENDULOUS GYROSCOPES
 USE GYROSCOPIC PENDULUMS

PENDULUMS
 GS OSCILLATORS
 . MECHANICAL OSCILLATORS
 . . **PENDULUMS**
 . . . GYROSCOPIC PENDULUMS
 RT ACCELEROMETERS
 GRAVITATION
 MOMENTUM
 OSCILLATIONS
 TIMING DEVICES

PENETRANTS
 RT . . AGENTS
 PRESERVATIVES

PENETRANTS--(cont.)
 RETARDANTS

PENETRATING PARTICLES
 USE CORPUSCULAR RADIATION

PENETRATION
 RT DIFFUSION
 DRILLING
 FRAGMENTATION
 HYDRODYNAMIC RAM EFFECT
 IMPACT
 NUCLEAR VULNERABILITY
 PERCOLATION
 PERFORATING
 PERMEABILITY
 PERMEATING
 PIERCING
 . . SATURATION
 SEEPAGE
 TERMINAL BALLISTICS
 VULNERABILITY

PENETRATION BALLISTICS
 USE TERMINAL BALLISTICS

PENETROMETERS
 GS MEASURING INSTRUMENTS
 . **PENETROMETERS**
 RT LUNAR SOIL

PENICILLIN
 GS DRUGS
 . ANTIBIOTICS
 . . **PENICILLIN**

PENINSULAR RANGES (CA)
 GS LANDFORMS
 . MOUNTAINS
 . . **PENINSULAR RANGES (CA)**
 RT CALIFORNIA

PENINSULAS
 GS LANDFORMS
 . **PENINSULAS**
 . . DELMARVA PENINSULA (DE-MD-VA)
 RT ISTHMUSES
 LAND
 WATER

PENNING DISCHARGE
 GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **PENNING DISCHARGE**
 RT ELECTRODELESS DISCHARGES
 GAS IONIZATION
 ION MOTION
 PLASMA GENERATORS

PENNING EFFECT
 RT . . EFFECTS
 GAS IONIZATION
 METASTABLE ATOMS

PENNING GAGES
 GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . IONIZATION GAGES
 **PENNING GAGES**
 VACUUM APPARATUS
 . VACUUM GAGES
 . . IONIZATION GAGES
 . . . **PENNING GAGES**

PENNSYLVANIA
 GS NATIONS
 . UNITED STATES
 . . **PENNSYLVANIA**
 RT ALLEGHENY PLATEAU (US)
 DELAWARE BAY (US)
 DELAWARE RIVER BASIN (US)
 OHIO RIVER (US)
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)

PENS
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF STYLUSES
 RT ENCLOSURES
 RECORDING INSTRUMENTS

PENTABORANES

GS BORON COMPOUNDS
 . BORON HYDRIDES
 . BORANES
 **PENTABORANES**
 HYDROGEN COMPOUNDS
 . HYDRIDES
 . BORON HYDRIDES
 . BORANES
 **PENTABORANES**

PENTACHLORIDES

USE CHLORIDES

PENTAERYTHRITOL TETRANITRATE

USE PETN

PENTANES

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . ALIPHATIC HYDROCARBONS
 . ALKANES
 **PENTANES**
 NEOPENTANE

PENTANONE

GS KETONES
 . **PENTANONE**
 ORGANIC COMPOUNDS
 . **PENTANONE**
 RT ACETONE
 ACETYLACETONE

PENTOBARBITAL

RT DRUGS
 NARCOTICS
 SEDATIVES

PENTOBARBITAL SODIUM

GS DRUGS
 . **PENTOBARBITAL SODIUM**
 . RESERPINE
 RT NEMBUTAL (TRADEMARK)

PENTODES

RT ELECTRON TUBES
 SEMICONDUCTOR DEVICES
 TETRODES
 TRANSISTORS
 VACUUM TUBES

PENTOLITE

GS EXPLOSIVES
 . **PENTOLITE**
 PROPELLANTS
 . **PENTOLITE**

PENTOSE

GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . SUGARS
 MONOSACCHARIDES
 **PENTOSE**
 RIBOSE
 XYLOSE

PENUMBRAS

GS SHADOWS
 . **PENUMBRAS**
 RT ECLIPSES
 UMBRAS

PEOPLE SATELLITES

GS ARTIFICIAL SATELLITES
 . FRENCH SATELLITES
 . . **PEOPLE SATELLITES**
 RT GEOPHYSICAL SATELLITES

PEOPLES DEMOCRATIC REPUBLIC OF GERMANY

USE EAST GERMANY

PEPPERS

RT ∞FOOD

PEPSIN

GS BIOPOLYMERS
 . PROTEINS
 . ENZYMES
 **PEPSIN**
 ORGANIC COMPOUNDS
 . PROTEINS
 . ENZYMES
 **PEPSIN**
 RT PAPAIN

PEPTIDES

GS ORGANIC COMPOUNDS
 . **PEPTIDES**
 . . POLYPEPTIDES
 . . . GLUTATHIONE
 . . . HYPERTENSIN
 RT AMINO ACIDS
 ASPARTIC ACID
 PROTEINS

PERCENTAGE

USE RATIOS

PERCEPTION

GS **PERCEPTION**
 . BINAURAL HEARING
 . MOTION PERCEPTION
 . SENSORY PERCEPTION
 . AUDITORY PERCEPTION
 . CONSCIOUSNESS
 . EXTRASENSORY PERCEPTION
 . KINESTHESIA
 . OLFACTORY PERCEPTION
 . PAIN
 . PAIN SENSITIVITY
 . PROPRIOCEPTION
 . AUTOKINESIS
 . TASTE
 . TOUCH
 . TACTILE DISCRIMINATION
 . VERTICAL PERCEPTION
 . VIBRATION PERCEPTION
 . VISUAL PERCEPTION
 . . CRITICAL FLICKER FUSION
 . . SPACE PERCEPTION
 AUTOKINESIS
 VISUAL DISCRIMINATION
 SOUND LOCALIZATION
 RT ACUITY
 ADAPTATION
 ARTIFICIAL INTELLIGENCE
 CHARACTER RECOGNITION
 COGNITION
 COLOR
 CONTRAST
 ELECTROCUTANEOUS COMMUNICATION
 ∞FREQUENCY RESPONSE
 IDENTIFYING
 ILLUSIONS
 IMAGES
 INFORMATION PROCESSING (BIOLOGY)
 ∞INTERPRETATION
 KNOWLEDGE
 LEGIBILITY
 MONOCULAR VISION
 PERCEPTUAL TIME CONSTANT
 READING
 RESOLUTION
 RETINAL ADAPTATION
 SENSITIVITY
 SENSORY DEPRIVATION
 SENSORY FEEDBACK
 SYMBOLS
 THRESHOLDS (PERCEPTION)
 VISIBILITY
 VISION

PERCEPTONS

USE SELF ORGANIZING SYSTEMS

PERCEPTUAL ERRORS

RT DISPLAY DEVICES
 VISUAL PERCEPTION
 VISUAL STIMULI

PERCEPTUAL TIME CONSTANT

GS CONSTANTS
 . TIME CONSTANT
 . . **PERCEPTUAL TIME CONSTANT**
 RT PERCEPTION
 REACTION TIME
 SENSE ORGANS
 SENSORIMOTOR PERFORMANCE
 VELOCITY

PERCHLORATES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . **PERCHLORATES**
 . . ALUMINUM PERCHLORATES
 . . . AMMONIUM PERCHLORATES
 . . . HYDRAZINE PERCHLORATES
 . . . HYDROGEN PERCHLORATE
 . . . HYDROXYLAMMONIUM
 PERCHLORATES

PERCHLORATES--(cont.)

. . . LITHIUM PERCHLORATES
 . . . MAGNESIUM PERCHLORATES
 . . . NITRONIUM PERCHLORATE
 . . . POTASSIUM PERCHLORATES
 RT CHLORATES
 PERCHLORIC ACID

PERCHLORIC ACID

GS ACIDS
 . **PERCHLORIC ACID**
 RT PERCHLORATES

PERCHLORYL FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . . . **PERCHLORYL FLUORIDES**
 . . . HALIDES
 . . . FLUORIDES
 . . . **PERCHLORYL FLUORIDES**

PERCOLATION

RT BEDS (PROCESS ENGINEERING)
 CONCENTRATING
 DIFFUSION
 EXTRACTION
 FILTRATION
 INTERSTICES
 LEACHING
 LYSIMETERS
 PENETRATION
 PERMEABILITY
 PERMEATING
 SEEPAGE
 ∞SEPARATION
 VOIDS

PERCUS METHOD

RT FLOW EQUATIONS
 INTEGRAL EQUATIONS
 ∞METHODOLOGY

PERCUSSION

RT DETONATION
 IMPACT
 PHYSICAL EXAMINATIONS
 PRIMERS (EXPLOSIVES)

PERFECT GAS

USE IDEAL GAS

PERFLUORO COMPOUNDS

GS **PERFLUORO COMPOUNDS**
 . PERFLUOROALKANE
 . PERFLUOROGUANIDINE

PERFLUOROALKANE

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORO COMPOUNDS
 . . . DIFLUORO COMPOUNDS
 **PERFLUOROALKANE**
 FLUORINE ORGANIC COMPOUNDS
 **PERFLUOROALKANE**
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . **PERFLUOROALKANE**
 PERFLUORO COMPOUNDS
 . **PERFLUOROALKANE**

PERFLUOROGUANIDINE

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORO COMPOUNDS
 . . . FLUORINE ORGANIC COMPOUNDS
 **PERFLUOROGUANIDINE**
 ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . **PERFLUOROGUANIDINE**
 PERFLUORO COMPOUNDS
 . **PERFLUOROGUANIDINE**
 RT GUANIDINES

PERFORATED PLATES

GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . . **PERFORATED PLATES**
 RT ANISOTROPIC PLATES
 CAVITIES
 HOLE GEOMETRY (MECHANICS)
 HOLES (MECHANICS)
 OPENINGS
 ∞PERFORATION

PERFORATED PLATES--(cont.)

POROUS BOUNDARY LAYER CONTROL
STRESS CONCENTRATION

PERFORATED SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . **PERFORATED SHELLS**
RT ARCHES
 CAVITIES
 ENCLOSURES
 FAIRINGS
 HOLE DISTRIBUTION (MECHANICS)
 HOLE GEOMETRY (MECHANICS)
 HOLES (MECHANICS)
 HOUSINGS
 HULLS (STRUCTURES)
 MEMBRANE STRUCTURES
 NACELLES
∞ PERFORMANCE
 PRESSURE VESSEL DESIGN
 ROCKET ENGINE CASES
 SHELL THEORY
 STRESS CONCENTRATION

PERFORATING

RT BURNTHROUGH (FAILURE)
 CUTTING
 DRILLING
 FORMATIONS
 FRACTURING
 GAS INJECTION
 INJECTION
 METAL CUTTING
 METAL WORKING
 PENETRATION
∞ PERFORATION
 PIERCING
 WATER INJECTION

∞ PERFORATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CAVITIES
 HOLES (MECHANICS)
 PERFORATED PLATES
 PERFORATED SHELLS
 PERFORATING
 PIERCING

∞ PERFORMANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRCRAFT PERFORMANCE
 ASTRONAUT PERFORMANCE
 COMFORT
 COMPLEXITY
 COMPUTER SYSTEMS PERFORMANCE
 CONSISTENCY
 EFFICIENCY
 EFFORT
 ENVIRONMENTS
 EVALUATION
 EXAMINATION
 FATIGUE (BIOLOGY)
 FIGURE OF MERIT
 FLIGHT CHARACTERISTICS
 HUMAN FACTORS ENGINEERING
 HUMAN PERFORMANCE
 LONG TERM EFFECTS
 MENTAL PERFORMANCE
 MODULATION TRANSFER FUNCTION
 OBSERVATION
 OPERATOR PERFORMANCE
 OPTICAL TRANSFER FUNCTION
 OUTPUT
 PERFORMANCE TESTS
 PILOT PERFORMANCE
 POSTFLIGHT ANALYSIS
 PROPULSION SYSTEM PERFORMANCE
 QUALITY
 RATINGS
 RELIABILITY
 SPACECRAFT PERFORMANCE
 STANDARDS
 TASK COMPLEXITY
 TRAINING EVALUATION

PERFORMANCE PREDICTION

GS FORECASTING
 . **PERFORMANCE PREDICTION**
 PREDICTIONS
 . **PERFORMANCE PREDICTION**
RT EVALUATION

PERFORMANCE PREDICTION--(cont.)

MANAGEMENT
PREDICTION ANALYSIS TECHNIQUES
RELIABILITY
RELIABILITY ANALYSIS
RELIABILITY ENGINEERING
TREND ANALYSIS

PERFORMANCE TESTS

SN *(APPLY ONLY TO OPERATING
EQUIPMENT)*
RT ACCELERATED LIFE TESTS
 ACCEPTABILITY
 CERTIFICATION
 CHECKOUT
 COMPUTER SYSTEMS PERFORMANCE
 INSPECTION
∞ PERFORMANCE
 SPACE VEHICLE CHECKOUT PROGRAM
 SPECIFICATIONS
 STANDARDS
∞ TESTS

PERFUSION

USE DIFFUSION

PERICLASE

GS CHALCOGENIDES
 . OXIDES
 . . . METAL OXIDES
 . . . ALKALINE EARTH OXIDES
 . . . MAGNESIUM OXIDES
 **PERICLASE**
 MAGNESIUM COMPOUNDS
 . MAGNESIUM OXIDES
 . . **PERICLASE**

PERIDOTITE

UF KIMBERLITE
GS ROCKS
 . IGNEOUS ROCKS
 . . **PERIDOTITE**
RT CHROMITES
 DUNITE
 OLIVINE
 REGOLITH
 SOILS

PERIGEE-APOGEE SATELLITES

USE PAS

PERIGEEES

GS APSIDES
 . **PERIGEEES**
RT APOGEEES
 EARTH ORBITS
 ELLIPTICAL ORBITS
 ORBITS
 PERILUNES

PERIHELIONS

GS APSIDES
 . **PERIHELIONS**
RT APHELIONS
 ELLIPTICAL ORBITS
 ORBITAL ELEMENTS
 ORBITS
 SOLAR ORBITS

PERILUNES

GS APSIDES
 . **PERILUNES**
RT LUNAR ORBITS
 LUNAR SATELLITES
 PERIGEEES

PERIOD DOUBLING

GS BRANCHING (MATHEMATICS)
 . **PERIOD DOUBLING**
RT CHAOS
 PERIODIC FUNCTIONS
 TRANSITION FLOW
 TURBULENCE
 TURBULENT FLOW

PERIOD EQUATIONS

USE PERIODIC FUNCTIONS

PERIODIC FUNCTIONS

UF PERIOD EQUATIONS
GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **PERIODIC FUNCTIONS**
 . . . TRIGONOMETRIC FUNCTIONS

PERIODIC FUNCTIONS--(cont.)

. . . COSINE SERIES
 . . . SINE SERIES
 . . . TANGENTS
FUNCTIONS (MATHEMATICS)
 . TRANSCENDENTAL FUNCTIONS
 . . **PERIODIC FUNCTIONS**
 . . . TRIGONOMETRIC FUNCTIONS
 . . . COSINE SERIES
 . . . SINE SERIES
 . . . TANGENTS
RT FLOQUET THEOREM
 FOURIER ANALYSIS
 PERIOD DOUBLING

PERIODIC ORBITS

USE ORBITS

PERIODIC PROCESSES

USE CYCLES

PERIODIC VARIATIONS

UF PERIODICITY
GS VARIATIONS
 . **PERIODIC VARIATIONS**
 . . ALTERNATIONS
 . . ANNUAL VARIATIONS
 . . DIURNAL VARIATIONS
 . . NOCTURNAL VARIATIONS
 . . SECULAR VARIATIONS
RT AUTOCORRELATION
 CATACLYSMIC VARIABLES
 CLIMATOLOGY
 CYCLES
 DENDROCHRONOLOGY
 EL NINO
 EXTRAPOLATION
 FOURIER ANALYSIS
 LONG TERM EFFECTS
 OSCILLATIONS
 OSCILLATORS
 POLAR WANDERING (GEOLOGY)
 REGULARITY
∞ RHYTHM
 SEMIREGULAR VARIABLE STARS
 SOUTHERN OSCILLATION
 TRENDS
 VARIABILITY
 VARIABLE STARS

PERIODICALS

UF JOURNALS (DOCUMENTS)
GS DOCUMENTS
 . **PERIODICALS**
RT ∞ JOURNALS
 RECORDS

PERIODICITY

USE PERIODIC VARIATIONS

PERIODICITY (BIOLOGY)

USE RHYTHM (BIOLOGY)

PERIPHERAL CIRCULATION

GS CIRCULATION
 . BLOOD CIRCULATION
 . . **PERIPHERAL CIRCULATION**

PERIPHERAL EQUIPMENT (COMPUTERS)

SN *(EXCLUDES COMPUTER-CONTROLLED
EQUIPMENT)*
UF AUXILIARY EQUIPMENT (COMPUTERS)
GS DATA PROCESSING EQUIPMENT
 . **PERIPHERAL EQUIPMENT
(COMPUTERS)**
 . . PRINTERS (DATA PROCESSING)
 . . REMOTE CONSOLES
RT ANALOG TO DIGITAL CONVERTERS
 COMPUTER STORAGE DEVICES
 COMPUTER SYSTEMS DESIGN
 DATA PROCESSING
 DIGITAL TO ANALOG CONVERTERS
∞ EQUIPMENT
 MAGNETIC DISKS
 MAGNETIC TAPES
 MODEMS
 PLOTTERS

PERIPHERAL JET FLOW

GS FLUID FLOW
 . JET FLOW
 . . **PERIPHERAL JET FLOW**
RT DOWNWASH
 GROUND EFFECT (AERODYNAMICS)

PERIPHERAL JET FLOW--(cont.)

GROUND EFFECT MACHINES
LIFT AUGMENTATION

PERIPHERAL NERVOUS SYSTEM

GS ANATOMY
 . NERVOUS SYSTEM
 . . **PERIPHERAL NERVOUS SYSTEM**
RT NEUROMUSCULAR TRANSMISSION
 ∞ SYSTEMS

PERIPHERAL VISION

GS VISION
 . **PERIPHERAL VISION**
RT SPACE PERCEPTION
 VISUAL ACUITY
 VISUAL FIELDS

PERIPHERIES

USE BOUNDARIES

PERISCOPES

GS OPTICAL EQUIPMENT
 . **PERISCOPES**
RT BINOCULARS
 EYEPieces
 OPTICAL MEASURING INSTRUMENTS
 TELESCOPES
 VIEWING

PERITONEUM

GS ANATOMY
 . **PERITONEUM**
 MEMBRANES
 . **PERITONEUM**
RT ABDOMEN
 EPITHELIUM
 TISSUES (BIOLOGY)
 VISCERA

PERMAFROST

UF FROZEN SOILS
GS SOILS
 . **PERMAFROST**
RT AUFEIS (ICE)
 POLAR REGIONS

PERMALLOYS (TRADEMARK)

GS ALLOYS
 . **PERMALLOYS (TRADEMARK)**
 MAGNETIC MATERIALS
 . FERROMAGNETIC MATERIALS
 . . **PERMALLOYS (TRADEMARK)**
RT IRON ALLOYS
 MAGNETS
 MOLYBDENUM ALLOYS
 NICKEL ALLOYS
 PERMANENT MAGNETS

PERMANENT MAGNETS

GS MAGNETS
 . **PERMANENT MAGNETS**
RT FERRIMAGNETS
 FERROMAGNETIC MATERIALS
 MAGNETIC MATERIALS
 PERMALLOYS (TRADEMARK)

PERMANGANATES

GS MANGANESE COMPOUNDS
 . **PERMANGANATES**
RT MANGANESE IONS

PERMEABILITY

SN (EXCLUDES MAGNETIC PERMEABILITY)
GS **PERMEABILITY**
 . DIELECTRIC PERMEABILITY
RT AQUIFERS
 DENSITY (MASS/VOLUME)
 DIFFUSION
 DIFFUSIVITY
 DRAINAGE
 FORMATIONS
 INFILTRATION
 INTERSTICES
 LEACHING
 LEAKAGE
 MECHANICAL PROPERTIES
 PENETRATION
 PERCOLATION
 PERMEATING
 ∞ PHYSICAL PROPERTIES
 POROSITY
 ∞ RESISTANCE
 SEEPAGE

PERMEABILITY--(cont.)

SURFACE PROPERTIES
VOID RATIO
VOIDS
WETTABILITY

PERMEATING

RT ∞ ABSORPTION
 DESORPTION
 DIALYSIS
 DIFFUSION
 DISPERSING
 IMPREGNATING
 OSMOSIS
 PENETRATION
 PERCOLATION
 PERMEABILITY
 POROSITY
 REVERSE OSMOSIS
 ∞ SATURATION
 SORPTION
 TRANSPIRATION

PERMISSIVITY

RT COMPATIBILITY
 PSYCHOLOGICAL FACTORS

PERMITTIVITY

UF DIELECTRIC CONSTANT
GS ELECTRICAL PROPERTIES
 . DIELECTRIC PROPERTIES
 . . **PERMITTIVITY**
RT ELECTRIC FIELDS
 FIELD STRENGTH

PERMUTATIONS

GS ANALYSIS (MATHEMATICS)
 . COMBINATORIAL ANALYSIS
 . . **PERMUTATIONS**
RT ∞ COMBINATION
 COMBINATIONS (MATHEMATICS)
 PARTITIONS (MATHEMATICS)
 SET THEORY

PEROVSKITES

GS CALCIUM COMPOUNDS
 . **PEROVSKITES**
 MINERALS
 . **PEROVSKITES**
 TITANIUM COMPOUNDS
 . TITANATES
 . . **PEROVSKITES**

PEROXIDES

GS CHALCOGENIDES
 . OXIDES
 . . ANHYDRIDES
 . . . **PEROXIDES**
 . . . INORGANIC PEROXIDES
 . . . ORGANIC PEROXIDES
 . . . SODIUM PEROXIDES
RT DIOXIDES

PERSEID METEOROIDS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . **PERSEID METEOROIDS**
 . METEOROIDS
 . . **PERSEID METEOROIDS**

PERSHING MISSILE

GS MISSILES
 . BALLISTIC MISSILES
 . . **PERSHING MISSILE**
 . SURFACE TO SURFACE MISSILES
 . . **PERSHING MISSILE**
RT MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

PERSIAN GULF

GS GULFS
 . **PERSIAN GULF**
RT INLETS (TOPOGRAPHY)

PERSONAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . MICROCOMPUTERS
 **PERSONAL COMPUTERS**
 IBM PERSONAL COMPUTERS
 MACINTOSH PERSONAL
 COMPUTERS
RT COMPUTER TECHNIQUES

PERSONAL COMPUTERS--(cont.)

VSAT (NETWORK)

PERSONALITY

RT DEPERSONALIZATION
 PERSONNEL SELECTION

PERSONALITY TESTS

RT INTELLIGENCE TESTS
 PSYCHOLOGICAL TESTS
 PSYCHOMETRICS
 QUALIFICATIONS
 ∞ TESTS

PERSONNEL

GS **PERSONNEL**
 . AIR TRAFFIC CONTROLLERS
 . (PERSONNEL)
 . CREWS
 . . FLIGHT CREWS
 . . . SPACECREWS
 . ENEMY PERSONNEL
 . ENGINEERS
 . FLYING PERSONNEL
 . . . ASTRONAUTS
 . . . ORBITAL WORKERS
 . . . COSMONAUTS
 . . . FLIGHT CREWS
 . . . SPACECREWS
 . . . PILOTS (PERSONNEL)
 . . . AIRCRAFT PILOTS
 . . . TEST PILOTS
 . . . GROUND CREWS
 . . . INSTRUCTORS
 . . . MEDICAL PERSONNEL
 . . . FLIGHT NURSES
 . . . PHYSICIANS
 . . . SURGEONS
 . . . FLIGHT SURGEONS
 . . . NAVIGATORS
 . . . OPERATORS (PERSONNEL)
 . . . PILOTS (PERSONNEL)
 . . . AIRCRAFT PILOTS
 . . . TEST PILOTS
 . . . POLICE
 . . . PROGRAMMERS
 . . . SCIENTISTS
RT ∞ COMPLEMENT
 CONSULTING
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW WORKSTATIONS
 DEPERSONALIZATION
 DEPLOYMENT
 EMPLOYEE RELATIONS
 ∞ ESTIMATORS
 HELMET MOUNTED DISPLAYS
 HUMAN RESOURCES
 INCENTIVES
 INHABITANTS
 MANPOWER
 OCCUPATION
 ORGANIZING
 POSITION (TITLE)
 QUALIFICATIONS
 RESEARCH MANAGEMENT
 RESOURCES
 RETIREMENT
 RETRAINING
 SERVICES
 UNIONIZATION
 WAGE SURVEYS

PERSONNEL DEVELOPMENT

RT ∞ DEVELOPMENT
 EMPLOYEE RELATIONS
 HUMAN RESOURCES
 MANAGEMENT
 RESOURCES
 TRAINING ANALYSIS

PERSONNEL MANAGEMENT

GS MANAGEMENT
 . INDUSTRIAL MANAGEMENT
 . . **PERSONNEL MANAGEMENT**
RT EMPLOYEE RELATIONS
 HUMAN RELATIONS
 HUMAN RESOURCES
 LEADERSHIP
 MANAGEMENT PLANNING

PERSONNEL PROPULSION SYSTEMS

USE SELF MANEUVERING UNITS

PERSONNEL SELECTION

GS SELECTION
 . **PERSONNEL SELECTION**
 . . PILOT SELECTION
 RT APTITUDE
 EMPLOYMENT
 INTELLIGENCE TESTS
 LABOR
 PERSONALITY
 PHYSICAL EXAMINATIONS
 PHYSIOLOGICAL TESTS

PERSONNEL SUBSYSTEMS

RT INDUSTRIES

PERSPEX (TRADEMARK)

GS PLASTICS
 . **PERSPEX (TRADEMARK)**

PERSPIRATION

UF SWEATING
 RT BODY FLUIDS
 BODY TEMPERATURE
 EVAPORATION
 EXCRETION
 FECEs
 HEAT ACCLIMATIZATION
 HUMIDITY
 PALMAR SWEAT INDEX
 SKIN (ANATOMY)
 SWEAT
 TRANSPIRATION

PERT

UF PROGRAM EVALUATION REVIEW
 TECHNIQUE
 RT COMMERCE
 CONTRACT MANAGEMENT
 CRITICAL PATH METHOD
 GERT
 MANAGEMENT ANALYSIS
 MANAGEMENT METHODS
 MANAGEMENT PLANNING
 ∞ PATHS
 PROGRAM TREND LINE ANALYSIS
 PROJECT MANAGEMENT

PERTURBATION

GS **PERTURBATION**
 . ORBIT PERTURBATION
 . . SATELLITE PERTURBATION
 RT ∞ DISTURBANCES
 FOUR BODY PROBLEM
 GEODESY
 LONG TERM EFFECTS
 MANY BODY PROBLEM
 NUTATION
 ORBITAL MECHANICS
 OSCILLATIONS
 OSCILLATORS
 RADIATION PRESSURE
 SCHACH EFFECT
 THREE BODY PROBLEM
 TWO BODY PROBLEM
 VARIATIONS

PERTURBATION THEORY

UF DISTURBANCE THEORY
 GS **PERTURBATION THEORY**
 . VINTI THEORY
 RT BOUSSINESQ APPROXIMATION
 CELESTIAL MECHANICS
 DISTURBING FUNCTIONS
 HANSEN LUNAR THEORY
 HARTREE APPROXIMATION
 HILL LUNAR THEORY
 HILL METHOD
 MANY BODY PROBLEM
 OPERATORS (MATHEMATICS)
 ORBIT PERTURBATION
 ORBITAL ELEMENTS
 QUANTUM THEORY
 STRANGE ATTRACTORS
 TAYLOR INSTABILITY
 ∞ THEORIES
 VON ZEIPPEL METHOD
 WAVE FUNCTIONS
 WENTZEL-KRAMER-BRILLOUIN METHOD
 YANG-MILLS FIELDS
 YANG-MILLS THEORY

PERU

GS NATIONS
 . **PERU**
 RT SOUTH AMERICA

PERVEANCE

GS RATIOS
 . **PERVEANCE**
 RT CHILD-LANGMUIR LAW
 SPACE CHARGE
 THERMIONIC DIODES
 VACUUM TUBES
 WORK FUNCTIONS

PESTICIDES

GS POISONS
 . **PESTICIDES**
 . . INSECTICIDES
 . . . DIELDRIN
 RT CROP DUSTING
 ENVIRONMENTAL CHEMISTRY
 TOXICOLOGY

PETALS

RT PLANTS (BOTANY)

PETECHIA

GS HEMORRHAGES
 . **PETECHIA**
 RT SKIN (ANATOMY)

PETN

UF PENTAERYTHRITOL TETRANITRATE
 ESTERS
 GS . ORGANIC NITRATES
 . . **PETN**
 NITROGEN COMPOUNDS
 . NITRATES
 . . ORGANIC NITRATES
 . . . **PETN**
 RT EXPLOSIVES

PETREL SOUNDING ROCKET

GS ROCKET VEHICLES
 . SOUNDING ROCKETS
 . . **PETREL SOUNDING ROCKET**
 RT ∞ ROCKETS

PETRI NETS

GS MODELS
 . MATHEMATICAL MODELS
 . . **PETRI NETS**
 NETS
 . **PETRI NETS**
 RT CONSECUTIVE EVENTS
 DYNAMIC MODELS
 GRAPHS (CHARTS)
 INFORMATION THEORY
 SEQUENCING
 TREES (MATHEMATICS)

PETROGRAPHY

GS GEOLOGY
 . PETROLOGY
 . . **PETROGRAPHY**
 RT INLIERS (LANDFORMS)
 ROCKS
 SEDIMENTARY ROCKS

PETROLEUM

USE CRUDE OIL

PETROLEUM PRODUCTS

GS PRODUCTS
 . **PETROLEUM PRODUCTS**
 . . ASPHALT
 . . DIESEL FUELS
 . . GASOLINE
 . . TARS
 RT BUTANES
 CRUDE OIL
 GREASES
 KEROGEN
 LUBRICANTS
 LUBRICATING OILS
 METHANE
 NATURAL GAS
 OILS
 PLASTICS
 POLYNUCLEAR ORGANIC COMPOUNDS

PETROLOGY

GS GEOLOGY
 . **PETROLOGY**
 . . PETROGRAPHY
 RT CONES (VOLCANOES)
 FORMATIONS
 GEOCHEMISTRY
 GEOLOGICAL SURVEYS

PETROLOGY--(cont.)

GEOPHYSICS
 IMPACT MELTS
 INLIERS (LANDFORMS)
 MARS VOLCANOES
 MINERALOGY
 ROCKS
 STRATIGRAPHY
 VOLCANOES
 VOLCANOLOGY

PFAFF EQUATION

GS ANALYSIS (MATHEMATICS)
 . **PFAFF EQUATION**
 RT DIFFERENTIAL EQUATIONS
 ∞ EQUATIONS
 THERMODYNAMICS

PFM (MODULATION)

USE PULSE FREQUENCY MODULATION

PH

RT ACID BASE EQUILIBRIUM
 ACID RAIN
 ACIDITY
 ACIDOSIS
 ALKALINITY
 ALKALOSIS
 BASES (CHEMICAL)
 BUFFERS (CHEMISTRY)
 HYDROGEN IONS

PH FACTOR

RT ACID BASE EQUILIBRIUM
 ACIDOSIS
 ALKALOSIS
 HYDROGEN IONS
 ION CONCENTRATION

PHANTASTRONS

GS CIRCUITS
 . DELAY CIRCUITS
 . . **PHANTASTRONS**
 OSCILLATORS
 . RELAXATION OSCILLATORS
 . . **PHANTASTRONS**
 RT FEEDBACK AMPLIFIERS

PHANTOM AIRCRAFT

GS JET AIRCRAFT
 . **PHANTOM AIRCRAFT**
 . . F-4 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 . MCDONNELL AIRCRAFT
 . . **PHANTOM AIRCRAFT**
 . . . F-4 AIRCRAFT
 MONOPLANES
 . **PHANTOM AIRCRAFT**
 . . F-4 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . **PHANTOM AIRCRAFT**
 . . F-4 AIRCRAFT
 RT ∞ AIRCRAFT

PHARMACOLOGY

GS **PHARMACOLOGY**
 . PSYCHOPHARMACOLOGY
 RT ANESTHESIOLOGY
 ANTIRADIATION DRUGS
 BIOPROCESSING
 CYCLIC AMP
 DRUGS
 MEDICAL SCIENCE
 ∞ MEDICINE
 MOTION SICKNESS DRUGS
 VASOCONSTRICTOR DRUGS
 VETERINARY MEDICINE

PHARYNX

GS ANATOMY
 . RESPIRATORY SYSTEM
 . . **PHARYNX**

PHASE ANGLE

USE PHASE SHIFT

PHASE CHANGE MATERIALS

UF PCM (MATERIALS)
 RT CERESIN
 CONDENSING
 FUSION (MELTING)
 HEAT OF FUSION
 HEAT STORAGE
 HEAT TRANSFER

PHASE CHANGE MATERIALS--(cont.)

LIQUID-SOLID INTERFACES
 ∞ MATERIALS
 . MELTING
 . ORGANIC MATERIALS
 . PHASE TRANSFORMATIONS
 . SOLAR ENERGY
 . SOLAR ENERGY CONVERSION
 . SOLAR HEATING
 . SUBLIMATION
 . TROMBE WALLS
 . WAXES
 . WORKING FLUIDS

PHASE COHERENCE

RT ∞ COHERENCE
 . COHERENCE COEFFICIENT
 . COHERENT LIGHT
 . FOUR-WAVE MIXING
 . WAVE FRONTS

PHASE CONJUGATION

GS CONJUGATION
 . **PHASE CONJUGATION**
 . . FOUR-WAVE MIXING

PHASE CONTRAST

GS CONTRAST
 . **PHASE CONTRAST**
 RT DIFFRACTION PATTERNS
 . ELECTRON MICROSCOPY
 . MICROSCOPY
 . OPTICAL MEASUREMENT
 . OPTICAL PATHS
 . SCANNING ELECTRON MICROSCOPY
 . TRANSMISSION ELECTRON MICROSCOPY

PHASE CONTROL

RT CIRCUIT PROTECTION
 ∞ CONTROL
 . PHASE LOCKED SYSTEMS
 . TRANSFORMERS

PHASE DEMODULATORS

GS DEMODULATORS
 . **PHASE DEMODULATORS**
 RT BRAGG CELLS
 . MODEMS

PHASE DETECTORS

GS CIRCUITS
 . **PHASE DETECTORS**
 . . SYNCHROSCOPES
 RT ∞ DETECTORS
 . PHASE LOCKED SYSTEMS
 . SIGNAL DETECTION
 . SYNCHRONISM

PHASE DEVIATION

RT AMPLITUDES
 . MODULATED CONTINUOUS RADIATION
 . SIGNAL ANALYSIS

PHASE DIAGRAMS

UF CONSTITUTIONAL DIAGRAMS
 . EQUILIBRIUM DIAGRAMS
 . EUTECTIC DIAGRAMS
 GS DIAGRAMS
 . **PHASE DIAGRAMS**
 RT ALLOYS
 . BINARY SYSTEMS (MATERIALS)
 . CRITICAL TEMPERATURE
 . EUTECTICS
 . HEAT OF FUSION
 . HEAT TREATMENT
 . INTERMETALLICS
 . LIQUID PHASES
 . LIQUIDS
 . LIQUIDUS
 . MELTING POINTS
 . PHASE SEPARATION (MATERIALS)
 . PHASE STABILITY (MATERIALS)
 . SOLID PHASES
 . SOLID SOLUTIONS
 . SOLID SUSPENSIONS
 . SOLUBILITY
 . STOICHIOMETRY
 . TRANSITION POINTS
 . TRANSITION TEMPERATURE
 . VAPOR PHASES

PHASE ERROR

GS ERRORS
 . **PHASE ERROR**

PHASE ERROR--(cont.)

RT CIRCUIT PROTECTION
 . ERROR SIGNALS

PHASE LOCK DEMODULATORS

GS DEMODULATORS
 . **PHASE LOCK DEMODULATORS**
 RT CORRELATION DETECTION
 . PARAMETRICS

PHASE LOCKED SYSTEMS

RT FEEDBACK FREQUENCY MODULATION
 . OPTICAL COUPLING
 . PHASE CONTROL
 . PHASE DETECTORS
 . SYNCHRONIZED OSCILLATORS
 ∞ SYSTEMS
 . TRACKING FILTERS

PHASE MATCHING

RT CRYSTAL OPTICS
 . CRYSTALS
 . FREQUENCY MULTIPLIERS
 . HARMONIC GENERATIONS
 . LASER OUTPUTS
 . LASERS

PHASE MODULATION

GS CODING
 . SIGNAL ENCODING
 . . **PHASE MODULATION**
 . . . FM/PM (MODULATION)
 . . . PHASE SHIFT KEYING
 BINARY PHASE SHIFT KEYING
 QUADRATURE PHASE SHIFT
 KEYING
 . MODULATION
 . . **PHASE MODULATION**
 . . . FM/PM (MODULATION)
 . . . PHASE SHIFT KEYING
 BINARY PHASE SHIFT KEYING
 QUADRATURE PHASE SHIFT
 KEYING
 RT AMPLITUDE MODULATION
 . BRAGG CELLS
 . DEMODULATION
 . DEMODULATORS
 . FREQUENCY MODULATION
 . MODEMS
 . MODULATORS
 . PARAMETRIC FREQUENCY CONVERTERS
 . PULSE MODULATION
 . PUSH-PULL AMPLIFIERS
 . TRELLIS CODING

PHASE RESPONSE

USE FREQUENCY RESPONSE
 . PHASE SHIFT

PHASE RULE

GS RULES
 . **PHASE RULE**
 RT CHEMICAL EQUILIBRIUM
 . DEGREES OF FREEDOM
 ∞ GIBBS EQUATIONS

PHASE SEPARATION (MATERIALS)

RT BINARY SYSTEMS (MATERIALS)
 . LIQUID PHASES
 . MISCIBILITY GAP
 . PHASE DIAGRAMS
 . PHASE STABILITY (MATERIALS)
 . PHASE TRANSFORMATIONS
 ∞ SEPARATION
 . SOLID PHASES
 . SOLUBILITY

PHASE SHIFT

UF PHASE ANGLE
 . PHASE RESPONSE
 GS **PHASE SHIFT**
 . SAGNAC EFFECT
 RT ANGLES (GEOMETRY)
 . EQUALIZERS (CIRCUITS)
 . MICROWAVE SWITCHING
 ∞ PHASES
 ∞ SHIFT

PHASE SHIFT CIRCUITS

GS CIRCUITS
 . **PHASE SHIFT CIRCUITS**
 . . CIRCUITORS (PHASE SHIFT
 . . CIRCUITS)
 RT DELAY CIRCUITS

PHASE SHIFT CIRCUITS--(cont.)

DUPLEX OPERATION
 . GYRATORS

PHASE SHIFT KEYING

GS CODING
 . SIGNAL ENCODING
 . . PHASE MODULATION
 . . . **PHASE SHIFT KEYING**
 BINARY PHASE SHIFT KEYING
 QUADRATURE PHASE SHIFT
 KEYING
 . KEYING
 . . **PHASE SHIFT KEYING**
 . . . BINARY PHASE SHIFT KEYING
 . . . QUADRATURE PHASE SHIFT KEYING
 . MODULATION
 . . PHASE MODULATION
 . . . **PHASE SHIFT KEYING**
 BINARY PHASE SHIFT KEYING
 QUADRATURE PHASE SHIFT
 KEYING
 RT INFORMATION THEORY
 . QUADRATURE AMPLITUDE MODULATION
 . TRELLIS CODING

PHASE STABILITY (MATERIALS)

GS STABILITY
 . **PHASE STABILITY (MATERIALS)**
 RT CRYSTALLIZATION
 . PHASE DIAGRAMS
 . PHASE SEPARATION (MATERIALS)
 . PHASE TRANSFORMATIONS
 ∞ PHASES
 . STABILIZATION

PHASE SWITCHING INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . **PHASE SWITCHING**
 . INTERFEROMETERS
 RT RADIO ASTRONOMY
 . RADIO TELESCOPES

PHASE TRANSFORMATIONS

GS **PHASE TRANSFORMATIONS**
 . FREEZING
 . . VIBRATIONAL FREEZING
 . . ZONE MELTING
 . LIQUEFACTION
 . . COAL LIQUEFACTION
 . MARTENSITIC TRANSFORMATION
 . MELTING
 . . ARC MELTING
 . . FUSION (MELTING)
 . . LEVITATION MELTING
 . . VACUUM MELTING
 . VAPORIZING
 . . BOILING
 . . . FILM BOILING
 . . . NUCLEATE BOILING
 LEIDENFROST PHENOMENON
 . . EVAPORATION
 . . . EVAPOTRANSPIRATION
 . . . PROPELLANT EVAPORATION
 . . . TRANSPIRATION
 . . FLASHING (VAPORIZING)
 . . PREVAPORIZATION
 . . SUBLIMATION
 . COLD HARDENING
 . CONDENSING
 . CRITICAL TEMPERATURE
 . CRYSTALLIZATION
 . DIRECTIONAL SOLIDIFICATION
 . (CRYSTALS)
 . ELECTRON-HOLE DROPS
 . HEAT OF FUSION
 . ISING MODEL
 . MARTENSITE
 . MELT SPINNING
 . METAMORPHISM (GEOLOGY)
 . MUSHY ZONES
 . NEEL TEMPERATURE
 . ORDER-DISORDER TRANSFORMATIONS
 . PHASE CHANGE MATERIALS
 . PHASE SEPARATION (MATERIALS)
 . PHASE STABILITY (MATERIALS)
 ∞ PHASES
 . SHAPE MEMORY ALLOYS
 . SOLIDIFICATION
 . SOLIDS
 . SYNTACTIC ALLOYS
 ∞ TRANSFORMATIONS
 ∞ TRANSITION
 . TRANSITION PRESSURE

PHASE TRANSFORMATIONS--(cont.)
TRANSITION TEMPERATURE

PHASE VELOCITY
GS RATES (PER TIME)
. **PHASE VELOCITY**
VELOCITY
RT **PHASE VELOCITY**
ELECTROMAGNETIC RADIATION
GROUP VELOCITY
LANDAU DAMPING
PROPAGATION VELOCITY
QUANTUM MECHANICS
TRAVELING WAVES
WAVE FRONTS
WAVE PROPAGATION

PHASE-SPACE INTEGRAL
GS ANALYSIS (MATHEMATICS)
. **PHASE-SPACE INTEGRAL**
RT CLASSICAL MECHANICS
EUCLIDEAN GEOMETRY
HYPERSPACES
STATE VECTORS

PHASED ARRAYS
GS ARRAYS
. **PHASED ARRAYS**
RT ANTENNA ARRAYS
LASER ARRAYS
LINEAR ARRAYS
MONOPULSE ANTENNAS
SEISMOGRAPHS
STEERABLE ANTENNAS

PHASES
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CYCLES
LIQUID PHASES
LUNAR PHASES
PHASE SHIFT
PHASE STABILITY (MATERIALS)
PHASE TRANSFORMATIONS
SOLID PHASES
TERMINATOR LINES
VAPOR PHASES

PHENACETIN
USE ACETANILIDE

PHENANTHRENE
GS ISOMERS
. **PHENANTHRENE**
ORGANIC COMPOUNDS
. HYDROCARBONS
. **PHENANTHRENE**
RT ANTHRACENE
DYES

PHENOBARBITAL
RT DRUGS
NARCOTICS
SEDATIVES

PHENOL FORMALDEHYDE
RT FORMALDEHYDE
PHENOLIC RESINS
RESINS

PHENOLIC EPOXY RESINS
GS PLASTICS
. SYNTHETIC RESINS
. THERMOSETTING RESINS
. EPOXY RESINS
. **PHENOLIC EPOXY RESINS**
. PHENOLIC RESINS
. **PHENOLIC EPOXY RESINS**
RESINS
. SYNTHETIC RESINS
. THERMOSETTING RESINS
. EPOXY RESINS
. **PHENOLIC EPOXY RESINS**
. PHENOLIC RESINS
. **PHENOLIC EPOXY RESINS**
RT ADHESIVES
AMINES
CROSSLINKING

PHENOLIC RESINS
GS PLASTICS
. SYNTHETIC RESINS
. THERMOSETTING RESINS

PHENOLIC RESINS--(cont.)
. **PHENOLIC RESINS**
. MICARTA
. **PHENOLIC EPOXY RESINS**
RESINS
. SYNTHETIC RESINS
. THERMOSETTING RESINS
. **PHENOLIC RESINS**
. MICARTA
. **PHENOLIC EPOXY RESINS**
RT CARBON-PHENOLIC COMPOSITES
PHENOL FORMALDEHYDE

PHENOLOGY
RT ACTIVITY CYCLES (BIOLOGY)
BIOMETEOROLOGY
CLIMATOLOGY
COASTAL ECOLOGY
ECOLOGY
MIGRATION
MOLTING
PHENOMENOLOGY
RHYTHM (BIOLOGY)

PHENOLS
GS HYDROXYL COMPOUNDS
. ALCOHOLS
. **PHENOLS**
. BISPHENOLS
. CRESOLS
. PHLOROGLUCINOL
. THYMOL
RT THIOLS

PHENOMENOLOGY
RT CASE HISTORIES
EXPERIMENTATION
MEDICAL PHENOMENA
MESOSCALE PHENOMENA
PHENOLOGY

PHENOTHIAZINES
GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. AZINES
. **PHENOTHIAZINES**
PYRAZINES
. AZINES
. **PHENOTHIAZINES**

PHENYLALANINE
GS ACIDS
. AMINO ACIDS
. ALANINE
. **PHENYLALANINE**
ORGANIC COMPOUNDS
. AMINO ACIDS
. ALANINE
. **PHENYLALANINE**

PHENYLS
GS **PHENYLS**
. POLYBROMINATED BIPHENYLS
. POLYCHLORINATED BIPHENYLS
. POLYPHENYLS
. TETRAPHENYLS
. TRIPHENYLS
. TERPHENYLS
RT PHOSPHENE
PROPARGYL GROUPS

PHILCO 2000 COMPUTER
GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
. **PHILCO 2000 COMPUTER**

PHILIPPINES
GS LANDFORMS
. ISLANDS
. PACIFIC ISLANDS
. **PHILIPPINES**
NATIONS
. **PHILIPPINES**

PHILIPS IONIZATION GAGES
GS MEASURING INSTRUMENTS
. PRESSURE GAGES
. VACUUM GAGES
. IONIZATION GAGES
. **PHILIPS IONIZATION GAGES**
VACUUM APPARATUS
. VACUUM GAGES

PHILIPS IONIZATION GAGES--(cont.)
. IONIZATION GAGES
. **PHILIPS IONIZATION GAGES**
RT PRESSURE MEASUREMENT

PHILOSOPHY
GS KNOWLEDGE
. **PHILOSOPHY**
. PARADOXES
RT LITERATURE
LOGIC
MATHEMATICAL LOGIC

PHLOROGLUCINOL
GS HYDROXYL COMPOUNDS
. ALCOHOLS
. PHENOLS
. **PHLOROGLUCINOL**
RT CHEMICAL INDICATORS
RESINS

PHOBIAS
GS **PHOBIAS**
. FEAR
. FEAR OF FLYING
RT ANXIETY
EMOTIONAL FACTORS

PHOBOS
GS CELESTIAL BODIES
. NATURAL SATELLITES
. MARS SATELLITES
. **PHOBOS**
RT DEIMOS
MARS (PLANET)

PHOEBE
GS CELESTIAL BODIES
. NATURAL SATELLITES
. SATURN SATELLITES
. **PHOEBE**
RT SATURN (PLANET)

PHOEBUS NUCLEAR REACTOR
GS NUCLEAR REACTORS
. **PHOEBUS NUCLEAR REACTOR**
RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET
VEHICLES
NUCLEAR ROCKET ENGINES

PHOENIX (AZ)
GS CITIES
. **PHOENIX (AZ)**
RT ARIZONA

PHOENIX QUADRANGLE (AZ)
GS LANDFORMS
. **PHOENIX QUADRANGLE (AZ)**
RT ARIZONA
GEODETIC SURVEYS
MAPPING

PHOENIX SOUNDING ROCKET
GS ROCKET VEHICLES
. MULTISTAGE ROCKET VEHICLES
. **PHOENIX SOUNDING ROCKET**
. SOUNDING ROCKETS
. **PHOENIX SOUNDING ROCKET**
RT SOLID PROPELLANT ROCKET ENGINES

PHONEMES
GS LINGUISTICS
. **PHONEMES**
SPEECH
. **PHONEMES**
RT LANGUAGES
PHONEMICS
PHONETICS
PSYCHOLINGUISTICS
SPEECH RECOGNITION
WORDS (LANGUAGE)

PHONEMICS
GS LINGUISTICS
. **PHONEMICS**
RT INTELLIGIBILITY
LANGUAGES
PHONEMES
PHONETICS
PSYCHOLINGUISTICS
SPEECH
SPEECH DEFECTS
SPEECH RECOGNITION

PHONEMICS--(cont.)

WORDS (LANGUAGE)

PHONETICS

GS SPEECH

. **PHONETICS**

RT ACOUSTICS
INTELLIGIBILITY
LANGUAGES
PHONEMES
PHONEMICS
SPEECH DEFECTS
SPEECH RECOGNITION
VERBAL COMMUNICATION
WORDS (LANGUAGE)

PHONOARTERIOGRAPHY

RT ARTERIES
BLOOD CIRCULATION
PHONOCARDIOGRAPHY

PHONOCARDIOGRAMS

USE PHONOCARDIOGRAPHY

PHONOCARDIOGRAPHY

UF PHONOCARDIOGRAMS
VIBROCARDIOGRAPHY
GS BIOENGINEERING
. BIOMETRICS
. . . CARDIOGRAPHY
. . . **PHONOCARDIOGRAPHY**
. . . . ECHOCARDIOGRAPHY
RT BALLISTOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
HEART
HEART DISEASES
PHONOARTERIOGRAPHY
VECTORCARDIOGRAPHY

PHONON BEAMS

GS BEAMS (RADIATION)
. **PHONON BEAMS**
ELASTIC WAVES
. PHONONS
. . **PHONON BEAMS**
ELECTROMAGNETIC RADIATION
. THERMAL RADIATION
. . **PHONON BEAMS**
ELEMENTARY EXCITATIONS
. PHONONS
. . **PHONON BEAMS**
RT CORPUSCULAR RADIATION
PARTICLE BEAMS
PHOTON BEAMS
UMKLAPP PROCESS

PHONONS

GS ELASTIC WAVES
. **PHONONS**
. . PHONON BEAMS
ELEMENTARY EXCITATIONS
. **PHONONS**
. . PHONON BEAMS
RT CRYSTAL STRUCTURE
LATTICE VIBRATIONS
PLASMONS
POLARONS
SOUND WAVES
UMKLAPP PROCESS

PHORIA

GS DISEASES
. EYE DISEASES
. . **PHORIA**

PHOSGENE

GS GASES
. **PHOSGENE**
HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. . CHLORIDES
. . . **PHOSGENE**
. . HALIDES
. . . CHLORIDES
. . . **PHOSGENE**
POISONS
. **PHOSGENE**
RT ∞CHEMICAL COMPOUNDS

PHOSPHATES

GS PHOSPHORUS COMPOUNDS
. **PHOSPHATES**
. . ADENINES
. . . ADENOSINE TRIPHOSPHATE

PHOSPHATES--(cont.)

. . AMMONIUM PHOSPHATES
. . CALCIUM PHOSPHATES
. . CYCLIC AMP
. . DIPHOSPHATES
. . . ADENOSINE DIPHOSPHATE
. . . INDIUM PHOSPHATES
. . . MONAZITE SANDS
. . . PHOSPHENE
. . . POLYNUCLEOTIDES
. . . POTASSIUM PHOSPHATES
. . . PYRIDINE NUCLEOTIDES
. . . URIDYLIC ACID
RT KREEP
PHOSPHORIC ACID
SKYDROL (TRADEMARK)

PHOSPHAZENE

GS ORGANIC COMPOUNDS
. ORGANIC PHOSPHORUS COMPOUNDS
. . **PHOSPHAZENE**
PHOSPHORUS COMPOUNDS
. ORGANIC PHOSPHORUS COMPOUNDS
. . **PHOSPHAZENE**
RT NITROGEN COMPOUNDS
PHOSPHINES
PHOSPHONITRILES
POLYMER CHEMISTRY

PHOSPHENE

GS ORGANIC COMPOUNDS
. ORGANIC PHOSPHORUS COMPOUNDS
. . **PHOSPHENE**
PHOSPHORUS COMPOUNDS
. ORGANIC PHOSPHORUS COMPOUNDS
. . **PHOSPHENE**
. . PHOSPHATES
. . . **PHOSPHENE**
RT LUMINOSITY
PHENYLS
RETINA
VISION

PHOSPHIDES

GS PHOSPHORUS COMPOUNDS
. **PHOSPHIDES**
. . BORON PHOSPHIDES
. . GALLIUM PHOSPHIDES
. . INDIUM PHOSPHIDES
. . MANGANESE PHOSPHIDES
. . SCHREIBERSITE

PHOSPHINES

GS HYDROGEN COMPOUNDS
. HYDRIDES
. . **PHOSPHINES**
PHOSPHORUS COMPOUNDS
. **PHOSPHINES**
RT PHOSPHAZENE

PHOSPHONITRILES

GS NITRILES
. **PHOSPHONITRILES**
NITROGEN COMPOUNDS
. **PHOSPHONITRILES**
ORGANIC COMPOUNDS
. ORGANIC PHOSPHORUS COMPOUNDS
. . **PHOSPHONITRILES**
PHOSPHORUS COMPOUNDS
. ORGANIC PHOSPHORUS COMPOUNDS
. . **PHOSPHONITRILES**
RT PHOSPHAZENE

PHOSPHONIUM COMPOUNDS

GS PHOSPHORUS COMPOUNDS
. **PHOSPHONIUM COMPOUNDS**
RT ∞CHEMICAL COMPOUNDS

PHOSPHORESCENCE

GS ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. . **PHOSPHORESCENCE**
EMISSION
. LIGHT EMISSION
. . LUMINESCENCE
. . . FLUORESCENCE
. . . **PHOSPHORESCENCE**
RT AFTERGLOWS
BIOLUMINESCENCE
CHEMILUMINESCENCE
PHOSPHORS
PLASMA RADIATION
SCINTILLATION
TRAPPING

PHOSPHORIC ACID

GS ACIDS
. **PHOSPHORIC ACID**
PHOSPHORUS COMPOUNDS
. **PHOSPHORIC ACID**
RT PHOSPHATES

PHOSPHORIC ACID FUEL CELLS

GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. . FUEL CELLS
. . . **PHOSPHORIC ACID FUEL CELLS**
ELECTROCHEMICAL CELLS
. FUEL CELLS
. . **PHOSPHORIC ACID FUEL CELLS**
RT BIOCHEMICAL FUEL CELLS
ELECTROLYTIC CELLS
ENERGY TECHNOLOGY
HYDROGEN OXYGEN FUEL CELLS
REGENERATIVE FUEL CELLS
TOTAL ENERGY SYSTEMS

PHOSPHORS

GS **PHOSPHORS**
. RADIOPHOSPHORS
RT FLUORESCENCE
IMAGE INTENSIFIERS
LASER INDUCED FLUORESCENCE
MERCURY LAMPS
PHOSPHORESCENCE
PHOTOGRAPHIC FILM

PHOSPHORUS

GS CHEMICAL ELEMENTS
. **PHOSPHORUS**
. . PHOSPHORUS ISOTOPES
. . . PHOSPHORUS 32

PHOSPHORUS COMPOUNDS

GS **PHOSPHORUS COMPOUNDS**
. DIETHYL HYDROGEN PHOSPHITE
(DEHP)
. ORGANIC PHOSPHORUS COMPOUNDS
. . PHOSPHAZENE
. . PHOSPHENE
. . PHOSPHONITRILES
. . URIDYLIC ACID
. . PHOSPHATES
. . ADENINES
. . ADENOSINE TRIPHOSPHATE
. . AMMONIUM PHOSPHATES
. . CALCIUM PHOSPHATES
. . CYCLIC AMP
. . DIPHOSPHATES
. . . ADENOSINE DIPHOSPHATE
. . . INDIUM PHOSPHATES
. . . MONAZITE SANDS
. . . PHOSPHENE
. . . POLYNUCLEOTIDES
. . . POTASSIUM PHOSPHATES
. . . PYRIDINE NUCLEOTIDES
. . . URIDYLIC ACID
. . PHOSPHIDES
. . . BORON PHOSPHIDES
. . . GALLIUM PHOSPHIDES
. . . INDIUM PHOSPHIDES
. . . MANGANESE PHOSPHIDES
. . . SCHREIBERSITE
. . PHOSPHINES
. . PHOSPHONIUM COMPOUNDS
. . PHOSPHORIC ACID
. . PHOSPHORUS OXIDES
. . PHOSPHORUS POLYMERS
RT ∞CHEMICAL COMPOUNDS
∞GROUP 5A COMPOUNDS

PHOSPHORUS ISOTOPES

GS CHEMICAL ELEMENTS
. NUCLIDES
. . ISOTOPES
. . . **PHOSPHORUS ISOTOPES**
. . . . PHOSPHORUS 32
. . . PHOSPHORUS
. . . **PHOSPHORUS ISOTOPES**
. . . PHOSPHORUS 32

PHOSPHORUS METABOLISM

GS METABOLISM
. **PHOSPHORUS METABOLISM**

PHOSPHORUS OXIDES

GS CHALCOGENIDES
. OXIDES
. . **PHOSPHORUS OXIDES**
PHOSPHORUS COMPOUNDS

PHOSPHORUS OXIDES--(cont.)
PHOSPHORUS OXIDES

PHOSPHORUS POLYMERS

GS PHOSPHORUS COMPOUNDS
PHOSPHORUS POLYMERS
 RT ∞ POLYMERS

PHOSPHORUS 32

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . . . PHOSPHORUS ISOTOPES
 . . . **PHOSPHORUS 32**
 . . . RADIOACTIVE ISOTOPES
 . . . **PHOSPHORUS 32**
 . PHOSPHORUS
 . . PHOSPHORUS ISOTOPES
 . . . **PHOSPHORUS 32**

PHOSPHORYLATION

GS CHEMICAL REACTIONS
PHOSPHORYLATION

PHOTICS

RT LIGHT (VISIBLE RADIATION)
 ∞ OPTICS

PHOTO RECONNAISSANCE SPACECRAFT

GS MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . . **PHOTO RECONNAISSANCE SPACECRAFT**
 RT ∞ SPACECRAFT

PHOTOABSORPTION

GS ENERGY ABSORPTION
 . RADIATION ABSORPTION
 . . ELECTROMAGNETIC ABSORPTION
 . . . **PHOTOABSORPTION**
 RT ∞ ABSORPTION
 PHOTOEXCITATION

PHOTOACOUSTIC MICROSCOPY

GS MICROSCOPY
 . **PHOTOACOUSTIC MICROSCOPY**
 RT ACOUSTIC MICROSCOPES
 ACOUSTO-OPTICS
 CERAMICS
 NONDESTRUCTIVE TESTS
 PHOTOACOUSTIC SPECTROSCOPY

PHOTOACOUSTIC SPECTROSCOPY

GS SPECTROSCOPY
 . **PHOTOACOUSTIC SPECTROSCOPY**
 RT ABSORPTION SPECTRA
 ABSORPTIVITY
 ACOUSTO-OPTICS
 LASER APPLICATIONS
 LASER SPECTROSCOPY
 PHOTOACOUSTIC MICROSCOPY

PHOTOCATHODES

UF PHOTOELECTRIC CATHODES
 GS ELECTRODES
 . CATHODES
 . . TUBE CATHODES
 . . . **PHOTOCATHODES**
 RT ELECTRODE MATERIALS
 IMAGE CONVERTERS
 IMAGE INTENSIFIERS
 IMAGE ORTHICONS
 LIGHT AMPLIFIERS
 MICROCHANNELS
 ORTHICONS
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC EMISSION
 PHOTOELECTRIC MATERIALS
 PHOTOMULTIPLIER TUBES

PHOTOCELLS

USE PHOTOELECTRIC CELLS

PHOTOCHEMICAL OXIDANTS

GS OXIDIZERS
 . **PHOTOCHEMICAL OXIDANTS**
 RT AIR POLLUTION
 ATMOSPHERIC CHEMISTRY
 NITROGEN OXIDES
 OZONE
 PHOTOOXIDATION

PHOTOCHEMICAL REACTIONS

UF PHOTOCHEMISTRY
 PHOTOREDUCTION
 GS CHEMICAL REACTIONS
 . **PHOTOCHEMICAL REACTIONS**
 . . PHOTOCHROMISM
 . . PHOTODECOMPOSITION
 . . PHOTOLYSIS
 . . PHOTOSYNTHESIS
 . . RADIOLYSIS
 RT ASSOCIATION REACTIONS
 ATMOSPHERIC CHEMISTRY
 CHARGE TRANSFER
 SODALITE

PHOTOCHEMISTRY

USE PHOTOCHEMICAL REACTIONS

PHOTOCHROMISM

GS CHEMICAL REACTIONS
 . PHOTOCHEMICAL REACTIONS
 . . **PHOTOCHROMISM**
 RT COLOR PHOTOGRAPHY
 SODALITE

PHOTOCINOMETRY

USE PHOTOGRAMMETRY

PHOTOCONDUCTIVE CELLS

GS PHOTOELECTRIC CELLS
 . **PHOTOCONDUCTIVE CELLS**
 RT ∞ CELLS
 PHOTOVOLTAIC CELLS

PHOTOCONDUCTIVITY

UF PHOTORESISTIVITY
 GS ELECTRICAL PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . **PHOTOCONDUCTIVITY**
 ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **PHOTOCONDUCTIVITY**
 PHOTOELECTRICITY
 . PHOTOELECTRIC EFFECT
 . . **PHOTOCONDUCTIVITY**
 TRANSPORT PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . **PHOTOCONDUCTIVITY**
 RT ∞ CONDUCTIVITY
 MERCURY CADMIUM TELLURIDES
 PHOTOCONDUCTORS
 SQUARE WELLS

PHOTOCONDUCTORS

UF PHOTORESISTORS
 GS CONDUCTORS
 . **PHOTOCONDUCTORS**
 SEMICONDUCTORS (MATERIALS)
 . **PHOTOCONDUCTORS**
 RT MERCURY CADMIUM TELLURIDES
 PHOTOCONDUCTIVITY
 PHOTODIODES
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC MATERIALS
 PHOTOMETERS
 PHOTOTRANSISTORS
 RESISTORS
 TUNNEL JUNCTIONS

PHOTOCURRENTS

USE ELECTRIC CURRENT
 PHOTOELECTRIC EMISSION

PHOTODECOMPOSITION

GS CHEMICAL REACTIONS
 . PHOTOCHEMICAL REACTIONS
 . . **PHOTODECOMPOSITION**
 DECOMPOSITION
 . **PHOTODECOMPOSITION**
 RADIATION CHEMISTRY
 . **PHOTODECOMPOSITION**
 RT ELECTROMAGNETIC ABSORPTION
 PHOTODETACHMENT
 PHOTOLYSIS

PHOTODETACHMENT

RT PHOTODECOMPOSITION
 PHOTOIONIZATION

PHOTODETECTORS

USE PHOTOMETERS

PHOTODIODES

GS ELECTRONIC EQUIPMENT

PHOTODIODES--(cont.)

. DIODES
 . . SEMICONDUCTOR DIODES
 . . . **PHOTODIODES**
 . . . SOLID STATE DEVICES
 . . . SEMICONDUCTOR DEVICES
 . . . **PHOTODIODES**
 OPTOELECTRONIC DEVICES
 . **PHOTODIODES**
 RT FOCAL PLANE DEVICES
 ION IMPLANTATION
 LASERS
 MERCURY CADMIUM TELLURIDES
 MSM (SEMICONDUCTORS)
 PHOTOCONDUCTORS
 PHOTOELECTRIC CELLS
 PHOTOELECTRIC MATERIALS
 PHOTOTRANSISTORS
 PHOTOTUBES
 PUSHBROOM SENSOR MODES
 SIS (SEMICONDUCTORS)
 SOLAR CELLS
 X RAY DETECTORS

PHOTODISSOCIATION

GS DECOMPOSITION
 . **PHOTODISSOCIATION**
 DISSOCIATION
 . **PHOTODISSOCIATION**
 RADIATION CHEMISTRY
 . **PHOTODISSOCIATION**
 RT ELECTROMAGNETIC ABSORPTION
 PHOTOEXCITATION
 PHOTOLYSIS

PHOTOELASTIC ANALYSIS

UF PHOTOELASTIC STRESS MEASUREMENT
 RT FRINGE MULTIPLICATION
 MOIRE EFFECTS
 ∞ OPTICS
 PHOTOGRAPHIC MEASUREMENT
 ∞ POLARIZATION
 POLARIZATION (WAVES)
 STRESS ANALYSIS
 STRESS MEASUREMENT
 TEMPERATURE INVERSIONS

PHOTOELASTIC MATERIALS

RT ∞ MATERIALS
 PHOTOELASTICITY

PHOTOELASTIC STRESS MEASUREMENT

USE PHOTOELASTIC ANALYSIS

PHOTOELASTICITY

GS ELECTROMAGNETIC PROPERTIES
 . **PHOTOELASTICITY**
 . . PHOTOVISCOELASTICITY
 MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . **PHOTOELASTICITY**
 . . . PHOTOVISCOELASTICITY
 RT BIREFRINGENCE
 DICHROISM
 PHOTOELASTIC MATERIALS
 POLARIZED LIGHT
 PRISMS
 REFRACTION
 STRESS ANALYSIS

PHOTOELECTRIC CATHODES

USE PHOTOCATHODES

PHOTOELECTRIC CELLS

UF PHOTOCELLS
 GS **PHOTOELECTRIC CELLS**
 . PHOTOCONDUCTIVE CELLS
 . PHOTOVOLTAIC CELLS
 . . SOLAR CELLS
 . . . VERTICAL JUNCTION SOLAR CELLS
 RT ∞ CELLS
 DIRECT POWER GENERATORS
 ∞ ELECTRIC CELLS
 ELECTROCHEMICAL CELLS
 ELECTRODE MATERIALS
 ENERGY ABSORPTION FILMS
 PHOTOCATHODES
 PHOTOCONDUCTORS
 PHOTODIODES
 PHOTOMETERS
 PHOTOMULTIPLIER TUBES
 PHOTOTRANSISTORS
 PHOTOTUBES
 SOLAR GENERATORS
 TRANSDUCERS

PHOTOELECTRIC EFFECT

- GS PHOTOELECTRICITY
 - . PHOTOELECTRIC EFFECT
 - . . . PHOTOCONDUCTIVITY
 - . . . PHOTOELECTRIC EMISSION
 - . . . PHOTOIONIZATION
 - . . . PHOTOVOLTAIC EFFECT
- RT ∞ EFFECTS
 - PHOTOELECTRONS

PHOTOELECTRIC EMISSION

- UF PHOTOCURRENTS
 - PHOTOEMISSION
 - PHOTOEMISSIVITY
- GS EMISSION
 - . PARTICLE EMISSION
 - . . ELECTRON EMISSION
 - . . . PHOTOELECTRIC EMISSION
 - PHOTOELECTRICITY
 - . PHOTOELECTRIC EFFECT
 - . . PHOTOELECTRIC EMISSION
- RT ELECTRICAL PROPERTIES
 - EXTERNAL SURFACE CURRENTS
 - NEGATIVE ELECTRON AFFINITY
 - PHOTOCATHODES
 - PHOTOEXCITATION
 - PHOTOIONIZATION
 - PHOTOPEAK
 - PHOTOVOLTAGES
 - PHOTOVOLTAIC EFFECT
 - STIMULATED EMISSION
 - WORK FUNCTIONS

PHOTOELECTRIC GENERATORS

- GS ELECTRIC GENERATORS
 - . DIRECT POWER GENERATORS
 - . . PHOTOELECTRIC GENERATORS
 - . . . PHOTOVOLTAIC CELLS
 - SOLAR CELLS
 - VERTICAL JUNCTION SOLAR CELLS
- RT ∞ GENERATORS
 - PHOTOELECTROCHEMICAL DEVICES
 - SOLAR ENERGY CONVERSION
 - SOLAR GENERATORS
 - THERMOELECTRIC GENERATORS

PHOTOELECTRIC MATERIALS

- UF PHOTOEMITTERS
- RT ELECTRODE MATERIALS
 - ELECTRON EMISSION
 - ∞ MATERIALS
 - PHOTOCATHODES
 - PHOTOCONDUCTORS
 - PHOTODIODES
 - PHOTOELECTRICITY
 - PHOTOELECTRONS
 - PHOTOTRANSISTORS
 - PHOTOTUBES
 - PHOTOVOLTAIC CELLS

PHOTOELECTRIC PHOTOMETERS

- USE ELECTROPHOTOMETERS

PHOTOELECTRICITY

- UF PHOTOELECTRONICS
 - PHOTOSENSORS
- GS PHOTOELECTRICITY
 - . PHOTOELECTRIC EFFECT
 - . . PHOTOCONDUCTIVITY
 - . . . PHOTOELECTRIC EMISSION
 - . . . PHOTOIONIZATION
 - . . . PHOTOVOLTAIC EFFECT
- RT COMPTON EFFECT
 - ELECTRICAL PROPERTIES
 - ELECTRICITY
 - OPTICAL PROPERTIES
 - PHOTOELECTRIC MATERIALS
 - PHOTOELECTRONS
 - PHOTOVOLTAGES

PHOTOELECTROCHEMICAL DEVICES

- RT ∞ DEVICES
 - ELECTROCHEMICAL CELLS
 - ELECTRODE MATERIALS
 - ENERGY TECHNOLOGY
 - PHOTOELECTRIC GENERATORS
 - PHOTOELECTROCHEMISTRY
 - PHOTON BEAMS
 - SOLAR ENERGY CONVERSION

PHOTOELECTROCHEMISTRY

- GS ELECTROCHEMISTRY
 - . PHOTOELECTROCHEMISTRY
- RT ∞ CHEMISTRY

PHOTOELECTROCHEMISTRY--(cont.)

PHOTOELECTROCHEMICAL DEVICES

PHOTOELECTROMAGNETIC DETECTORS

- USE PHOTOELECTROMAGNETIC EFFECTS
 - RADIATION MEASURING INSTRUMENTS

PHOTOELECTROMAGNETIC EFFECTS

- UF PHOTOELECTROMAGNETIC DETECTORS
- RT ∞ EFFECTS
 - EXCITONS
 - INTERMETALLICS

PHOTOELECTRON SPECTROSCOPY

- GS SPECTROSCOPY
 - . PHOTOELECTRON SPECTROSCOPY
- RT ELECTRON EMISSION
 - SPECTROSCOPIC ANALYSIS

PHOTOELECTRONICS

- USE ELECTRONICS
 - PHOTOELECTRICITY

PHOTOELECTRONS

- GS PARTICLES
 - . NUCLEAR PARTICLES
 - . . PHOTOELECTRONS
- RT ELECTRON EMISSION
 - PHOTOELECTRIC EFFECT
 - PHOTOELECTRIC MATERIALS
 - PHOTOELECTRICITY
 - PHOTOIONIZATION
 - PHOTOMAGNETIC EFFECTS
 - PHOTONEUTRONS
 - PHOTONUCLEAR REACTIONS
 - PHOTOVOLTAIC EFFECT

PHOTOEMISSION

- USE PHOTOELECTRIC EMISSION

PHOTOEMISSIVITY

- USE EMISSIVITY
 - PHOTOELECTRIC EMISSION

PHOTOEMITTERS

- USE PHOTOELECTRIC MATERIALS

PHOTOENGRAVING

- RT MICROMACHINING
 - PHOTOMECHANICAL EFFECT
 - PRINTING

PHOTOEXCITATION

- GS EXCITATION
 - . PHOTOEXCITATION
- RT FLUORESCENCE
 - MOLECULAR EXCITATION
 - PHOTOABSORPTION
 - PHOTODISSOCIATION
 - PHOTOELECTRIC EMISSION
 - PHOTOIONIZATION
 - PHOTOLUMINESCENCE

PHOTO GEOLOGY

- GS GEOLOGY
 - . PHOTO GEOLOGY
- RT AERIAL PHOTOGRAPHY
 - EARTH RESOURCES SURVEY AIRCRAFT
 - GEOLOGICAL SURVEYS
 - GEOMORPHOLOGY
 - ICE MAPPING
 - NATURAL GAS EXPLORATION
 - PHOTOGRAMMETRY
 - PHOTOMAPPING
 - RECONNAISSANCE
 - THEMATIC MAPPING

PHOTO GONIOMETERS

- GS MEASURING INSTRUMENTS
 - . GONIOMETERS
 - . . PHOTO GONIOMETERS
 - . . . OPTICAL MEASURING INSTRUMENTS
 - . . . PHOTO GONIOMETERS
 - OPTICAL EQUIPMENT
 - . . OPTICAL MEASURING INSTRUMENTS
 - . . . PHOTO GONIOMETERS
- RT ANGLES (GEOMETRY)
 - DIFFRACTOMETERS
 - ETALONS
 - INTERFEROMETERS
 - MONOCHROMATORS
 - SPECTROMETERS

PHOTOGRAMMETRY

- UF PHOTOCLINOMETRY
- GS PHOTOGRAPHIC MEASUREMENT
 - . PHOTOGRAMMETRY
- RT AERIAL PHOTOGRAPHY
 - MAPPING
 - PHOTO GEOLOGY
 - PHOTORECONNAISSANCE
 - PROJECTORS
 - RELIEF MAPS
 - STEREOPHOTOGRAPHY
 - SURVEYS
 - TERRAIN ANALYSIS

PHOTOGRAPH INTERPRETATION

- USE PHOTOINTERPRETATION

PHOTOGRAPHIC DEVELOPERS

- UF DEVELOPERS (PHOTOGRAPHY)
- RT ∞ DEVELOPMENT
 - PHOTOGRAPHS
 - PHOTOGRAPHY

PHOTOGRAPHIC EMULSIONS

- GS MIXTURES
 - . DISPERSIONS
 - . . EMULSIONS
 - . . . PHOTOGRAPHIC EMULSIONS
 - NUCLEAR EMULSIONS
 - SOLUTIONS
 - PHOTOGRAPHIC EMULSIONS
 - NUCLEAR EMULSIONS
- RT PHOTOGRAPHY
 - PHOTOSENSITIVITY

PHOTOGRAPHIC EQUIPMENT

- GS PHOTOGRAPHIC EQUIPMENT
 - . CAMERAS
 - . . BAKER-NUNN CAMERA
 - . . . BALLISTIC CAMERAS
 - . . . DELFT CAMERA
 - . . . DIFFRACTION LIMITED CAMERAS
 - . . . FAINT OBJECT CAMERA
 - . . . HIGH SPEED CAMERAS
 - . . . FRAMING CAMERAS
 - . . . 12S CAMERAS
 - . . . LALLEMAND CAMERAS
 - . . . MULTISPECTRAL BAND CAMERAS
 - . . . PANORAMIC CAMERAS
 - . . . PINHOLE CAMERAS
 - . . . SCHMIDT CAMERAS
 - . . . STREAK CAMERAS
 - . . . TELEVISION CAMERAS
 - . . . PHOTOGRAPHIC PROCESSING EQUIPMENT
 - . . . PHOTOGRAPHIC RECTIFIERS
- RT ∞ EQUIPMENT
 - LENSES
 - OPTICAL EQUIPMENT
 - OPTICAL FILTERS
 - PHOTOGRAPHY
 - PHOTOMETERS
 - PROJECTORS

PHOTOGRAPHIC FILM

- GS PHOTOGRAPHIC FILM
 - . MICROFILMS
- RT ∞ FILMS
 - MAGAZINES (SUPPLY CHAMBERS)
 - OPTICAL DATA STORAGE MATERIALS
 - OPTICAL FILTERS
 - PHOSPHORS
 - PHOTOGRAPHS
 - PHOTOGRAPHY
 - POLYMERIC FILMS
 - SABATIER REACTION

PHOTOGRAPHIC MEASUREMENT

- GS PHOTOGRAPHIC MEASUREMENT
 - . PHOTOGRAMMETRY
- RT DOSIMETERS
 - ∞ MEASUREMENT
 - OPTICAL CORRECTION PROCEDURE
 - OPTICAL MEASUREMENT
 - PARTICLE IMAGE VELOCIMETRY
 - PHOTOELASTIC ANALYSIS
 - PHOTOGRAPHY
 - PHOTOINTERPRETATION
 - PHOTOMETRY
 - PHOTORECONNAISSANCE
 - SPECTROMETERS

PHOTOGRAPHIC PLATES

- RT GLASS
 - PHOTOGRAPHIC PROCESSING

PHOTOGRAPHIC PLATES--(cont.)

PHOTOGRAPHS
PHOTOGRAPHY
∞ PLATES

PHOTOGRAPHIC PROCESSING

RT DARKROOMS
PHOTOGRAPHIC PLATES
PHOTOGRAPHS
PHOTOGRAPHY
PRINTING
∞ PROCESSING

PHOTOGRAPHIC PROCESSING EQUIPMENT

GS PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC PROCESSING EQUIPMENT
RT DARKROOMS
PHOTOGRAPHY
REPRODUCTION (COPYING)

PHOTOGRAPHIC RECORDING

GS RECORDING
PHOTOGRAPHIC RECORDING
RT DATA RECORDING
HIGH SPEED PHOTOGRAPHY
HOLOGRAMMETRY
INTERMITTENCY HYPOTHESIS
PARTICLE IMAGE VELOCIMETRY
PHOTOGRAPHS
PHOTOGRAPHY
RECORDING INSTRUMENTS

PHOTOGRAPHIC RECTIFIERS

GS OPTICAL EQUIPMENT
PHOTOGRAPHIC RECTIFIERS
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC RECTIFIERS
RT ∞ CONDENSERS
PHOTOGRAPHY

PHOTOGRAPHIC TRACKING

GS TRACKING (POSITION)
PHOTOGRAPHIC TRACKING
RT CINETHODOLITES
OPTICAL TRACKING
PHOTOGRAPHY
SATELLITE TRACKING
SPACE DETECTION AND TRACKING SYSTEM

PHOTOGRAPHS

GS PHOTOGRAPHS
CLOUD PHOTOGRAPHS
LUNAR PHOTOGRAPHS
MARS PHOTOGRAPHS
MICROPHOTOGRAPHS
MOTION PICTURES
PHOTOMICROGRAPHS
RT DISPLAY DEVICES
IMAGES
MOSAICS
OPTICAL CORRECTION PROCEDURE
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC FILM
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC RECORDING
PHOTOGRAPHY
PIXELS
REPRESENTATIONS
SPATIAL FILTERING
VIDEO TAPES
VISUAL AIDS
XEROGRAPHY

PHOTOGRAPHY

GS PHOTOGRAPHY
AERIAL PHOTOGRAPHY
ALL SKY PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
AUTORADIOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CHRONOPHOTOGRAPHY
CINEMATOGRAPHY
CLOUD PHOTOGRAPHY
COLOR PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
ELECTRON PHOTOGRAPHY
FRACTOGRAPHY
FRAME PHOTOGRAPHY
HIGH SPEED PHOTOGRAPHY
HOLOGRAPHY
ACOUSTICAL HOLOGRAPHY
MICROWAVE HOLOGRAPHY

PHOTOGRAPHY--(cont.)

SPECKLE HOLOGRAPHY
WHITE LIGHT HOLOGRAPHY
INFRARED IMAGERY
LUNAR PHOTOGRAPHY
METRIC PHOTOGRAPHY
MICROWAVE PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
RADAR PHOTOGRAPHY
ORTHOPHOTOGRAPHY
PHOTOMICROGRAPHY
ROCKET-BORNE PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPECTROPHOTOGRAPHY
STEREOSCOPY
STEREOPHOTOGRAPHY
STREAK PHOTOGRAPHY
ULTRAVIOLET PHOTOGRAPHY
ULTRAVIOLET PHOTOMETRY
UNDERWATER PHOTOGRAPHY
UROGRAPHY
RT BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
CAMERAS
CLOUD PHOTOGRAPHS
DARKROOMS
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
EVAPOGRAPHY
EXPOSURE
GRAPHIC ARTS
HS-801 AIRCRAFT
ICE MAPPING
IMAGERY
IMAGING TECHNIQUES
LUNAR PHOTOGRAPHS
MAPPING
MARS PHOTOGRAPHS
MICROPHOTOGRAPHS
MULTISPECTRAL BAND CAMERAS
MULTISPECTRAL BAND SCANNERS
PANORAMIC CAMERAS
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC EMULSIONS
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC FILM
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC PROCESSING EQUIPMENT
PHOTOGRAPHIC RECORDING
PHOTOGRAPHIC RECTIFIERS
PHOTOGRAPHIC TRACKING
PHOTOGRAPHS
PHOTOINTERPRETATION
PHOTOLITHOGRAPHY
PHOTOMAPPING
PHOTOMAPS
PHOTOMASKS
PHOTOMECHANICAL EFFECT
PHOTORECONNAISSANCE
PINHOLE CAMERAS
PIXELS
PROJECTORS
RADIOGRAPHY
RAPID BALLISTICS IDENTIFICATION
REPRODUCTION (COPYING)
TIMBER INVENTORY
VIDEO TAPES
WAVE FRONT RECONSTRUCTION
XEROGRAPHY

PHOTOINTERPRETATION

UF PHOTOGRAPH INTERPRETATION
RT AERIAL PHOTOGRAPHY
ANALYZING
CHANGE DETECTION
GROUND TRUTH
INTERPRETATION
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHY
PHOTOMAPPING
PHOTORECONNAISSANCE
SEA TRUTH
SPATIAL FILTERING

PHOTOIONIZATION

GS EMISSION
PHOTOIONIZATION

PHOTOIONIZATION--(cont.)

IONIZATION
PHOTOIONIZATION
PHOTOELECTRICITY
PHOTOELECTRIC EFFECT
PHOTOIONIZATION
RT ATMOSPHERIC IONIZATION
AURORAL IONIZATION
AURORAL IRRADIATION
ELECTRON EMISSION
GAS IONIZATION
LASER INDUCED FLUORESCENCE
PHOTODETACHMENT
PHOTOELECTRIC EMISSION
PHOTOELECTRONS
PHOTOEXCITATION

PHOTOLITHOGRAPHY

GS PRINTING
LITHOGRAPHY
PHOTOLITHOGRAPHY
RT MICROELECTRONICS
MICROMODULES
PHOTOGRAPHY

PHOTOLUMINESCENCE

GS EMISSION
LIGHT EMISSION
LUMINESCENCE
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
X RAY FLUORESCENCE
RT FLUORESCENCE
LASER INDUCED FLUORESCENCE
PHOTOEXCITATION
PHOTOLUMINESCENT BANDS

PHOTOLUMINESCENT BANDS

GS SPECTRA
SPECTRAL BANDS
PHOTOLUMINESCENT BANDS
RT ABSORPTION SPECTRA
BANDS
EMISSION SPECTRA
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE

PHOTOLYSIS

GS CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOLYSIS
DECOMPOSITION
PHOTOLYSIS
RADIATION CHEMISTRY
PHOTOLYSIS
RT CRACKING (CHEMICAL ENGINEERING)
ELECTROLYSIS
PHOTODECOMPOSITION
PHOTODISSOCIATION
RADIOLYSIS

PHOTOMAGNETIC EFFECTS

RT DEUTERONS
EFFECTS
GAMMA RAYS
PHOTOELECTRONS
SPIN DECOUPLING

PHOTOMAPPING

GS MAPPING
PHOTOMAPPING
RT AERIAL PHOTOGRAPHY
COASTAL ZONE COLOR SCANNER
COLOR PHOTOGRAPHY
DMSP SATELLITES
EARTH RESOURCES
GEODESY
GEOLOGY
GNOMONIC PROJECTION
HOLOGRAMMETRY
ICE MAPPING
MAPS
OCEAN COLOR SCANNER
PHOTOGEOLGY
PHOTOGRAPHY
PHOTOINTERPRETATION
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SOIL MAPPING
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING
THERMAL MAPPING
TOPOGRAPHY

PHOTOMAPS

GS MAPS
 . **PHOTOMAPS**
 RT AERIAL PHOTOGRAPHY
 PHOTOGRAPHY
 RELIEF MAPS
 SATELLITE-BORNE PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY
 THEMATIC MAPPING

PHOTOMASKS

RT ARRAYS
 CIRCUIT DIAGRAMS
 INTEGRATED CIRCUITS
 MASKING
 MICROELECTRONICS
 MICROMACHINING
 MICROPHOTOGRAPHS
 ∞ PATTERNS
 PHOTOGRAPHY
 PRINTED CIRCUITS
 SOLID STATE DEVICES
 SUBSTRATES
 WAFERS

PHOTOMECHANICAL EFFECT

RT ∞ EFFECTS
 LITHOGRAPHY
 MICROMACHINING
 PHOTOENGRAVING
 PHOTOGRAPHY
 PRINTING

PHOTOMETERS

UF MICROPHOTOMETERS
 PHOTODETECTORS
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **PHOTOMETERS**
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 TOTAL OZONE MAPPING
 SPECTROMETER
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 RADIATION MEASURING INSTRUMENTS
 . . . **PHOTOMETERS**
 ELECTROPHOTOMETERS
 ULTRAVIOLET SPECTROMETERS
 TOTAL OZONE MAPPING
 SPECTROMETER
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **PHOTOMETERS**
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 TOTAL OZONE MAPPING
 SPECTROMETER
 . . . ULTRAVIOLET
 SPECTROPHOTOMETERS
 RT BOLOMETERS
 DENSITOMETERS
 ELECTROPHOTOMETRY
 ELLIPSOMETERS
 HORIZON SCANNERS
 INFRARED SPECTROPHOTOMETERS
 MICRODENSITOMETERS
 NEPHELOMETERS
 OPTICAL MEASUREMENT
 PHOTOCONDUCTORS
 PHOTOELECTRIC CELLS
 PHOTOGRAPHIC EQUIPMENT
 PHOTOMETRY
 PHOTOTRANSISTORS
 POLARIMETERS
 PYRANOMETERS
 RADIOMETERS
 REFLECTOMETERS
 SPECTROMETERS
 SPECTROPHOTOMETERS
 TELEPHOTOMETRY
 TRANSMISSOMETERS
 ULTRAVIOLET DETECTORS
 X RAY DETECTORS

PHOTOMETRY

GS OPTICAL MEASUREMENT
 . **PHOTOMETRY**
 . . ASTRONOMICAL PHOTOMETRY
 . . . STELLAR SPECTROPHOTOMETRY
 . . . ELECTROPHOTOMETRY
 . . . INFRARED PHOTOMETRY
 . . . SPECTROPHOTOMETRY

PHOTOMETRY--(cont.)

. . . STELLAR SPECTROPHOTOMETRY
 . . . TELEPHOTOMETRY
 . . . ULTRAVIOLET PHOTOMETRY
 . . . VISUAL PHOTOMETRY
 RT CHEMICAL ANALYSIS
 COLORIMETRY
 ILLUMINATING
 ∞ ILLUMINATION
 LIGHT (VISIBLE RADIATION)
 LUMINANCE
 PHOTOGRAPHIC MEASUREMENT
 PHOTOMETERS
 POLARIMETRY
 REFLECTANCE
 SPECTROSCOPY
 TRANSMITTANCE

PHOTOMICROGRAPHS

GS PHOTOGRAPHS
 . **PHOTOMICROGRAPHS**
 RT PHOTOMICROGRAPHY

PHOTOMICROGRAPHY

UF MICROGRAPHY
 GS IMAGERY
 . **PHOTOMICROGRAPHY**
 PHOTOGRAPHY
 . **PHOTOMICROGRAPHY**
 RT BLACK AND WHITE PHOTOGRAPHY
 ELECTRON MICROSCOPES
 METALLOGRAPHY
 MICROSCOPES
 MICROSCOPY
 MICROSTRUCTURE
 PHOTOMICROGRAPHS

PHOTOMULTIPLIER TUBES

UF ELECTRON MULTIPLIERS
 MULTIPLIER PHOTOTUBES
 GS AMPLIFIERS
 . CURRENT AMPLIFIERS
 . . **PHOTOMULTIPLIER TUBES**
 . . . FREQUENCY MODULATION
 PHOTOMULTIPLIERS
 ELECTRON TUBES
 . COLD CATHODE TUBES
 . . PHOTOTUBES
 . . . **PHOTOMULTIPLIER TUBES**
 FREQUENCY MODULATION
 PHOTOMULTIPLIERS
 RT CATHODES
 CHANNEL MULTIPLIERS
 DYNODES
 ELECTRODES
 MICROCHANNEL PLATES
 MICROWAVE TUBES
 MULTIPACITOR DISCHARGES
 MULTIPLIERS
 PHOTOCATHODES
 PHOTOELECTRIC CELLS
 SCINTILLATING FIBERS
 SCINTILLATION COUNTERS
 SECONDARY EMISSION

PHOTON ABSORPTIOMETRY

GS DENSITY MEASUREMENT
 . **PHOTON ABSORPTIOMETRY**
 RT ABSORPTION SPECTRA
 DENSITOMETERS
 ELECTROMAGNETIC ABSORPTION
 ENERGY ABSORPTION
 GAMMA RAY ABSORPTIOMETRY
 GAMMA RAY ABSORPTION
 MULTIPHOTON ABSORPTION
 RADIATION ABSORPTION

PHOTON BEAMS

GS BEAMS (RADIATION)
 . **PHOTON BEAMS**
 ELECTROMAGNETIC RADIATION
 . **PHOTON BEAMS**
 RT BEAM WAVEGUIDES
 GAMMA RAY BEAMS
 INCIDENT RADIATION
 LASER OUTPUTS
 LIGHT BEAMS
 OPTICAL PATHS
 OPTICAL SCANNERS
 PHONON BEAMS
 PHOTOELECTROCHEMICAL DEVICES
 PHOTONIC PROPULSION
 PHOTONS
 REFLECTED WAVES
 REFRACTED WAVES

PHOTON BEAMS--(cont.)

THERMAL BLOOMING

PHOTON DENSITY

GS RATES (PER TIME)
 . FLUX DENSITY
 . . **PHOTON DENSITY**
 RT SQUEEZED STATES (QUANTUM THEORY)

PHOTON-ELECTRON INTERACTION

RT ELASTIC SCATTERING
 ELECTRON SCATTERING
 ELEMENTARY PARTICLE INTERACTIONS
 ∞ INTERACTIONS
 UMKLAPP PROCESS

PHOTONEUTRONS

GS NUCLEAR RADIATION
 . **PHOTONEUTRONS**
 PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . NEUTRONS
 **PHOTONEUTRONS**
 NEUTRAL PARTICLES
 NEUTRONS
 . . . **PHOTONEUTRONS**
 RT BARYONS
 NUCLEAR PARTICLES
 NUCLEAR REACTIONS
 PHOTOELECTRONS
 PHOTONUCLEAR REACTIONS
 VECTOR DOMINANCE MODEL

PHOTONIC PROPULSION

GS PROPULSION
 . LOW THRUST PROPULSION
 . . **PHOTONIC PROPULSION**
 . . . SPACECRAFT PROPULSION
 . . . **PHOTONIC PROPULSION**
 RT ELECTROMAGNETIC PROPULSION
 PHOTON BEAMS

PHOTONIC SWITCHING

USE OPTICAL SWITCHING

PHOTONICS

RT ELECTRO-OPTICS
 FIBER OPTICS
 LASERS
 LIGHT EMITTING DIODES
 OPTICAL DATA PROCESSING
 OPTICAL SWITCHING
 OPTICAL WAVEGUIDES
 OPTOELECTRONIC DEVICES
 PHOTONS

PHOTONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . **PHOTONS**
 . . . NUCLEAR PARTICLES
 . . . BOSONS
 . . . **PHOTONS**
 RT ANNIHILATION REACTIONS
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 GAMMA RAYS
 LIGHT (VISIBLE RADIATION)
 NUCLEAR RADIATION
 OPTICAL PROPERTIES
 PHOTON BEAMS
 PHOTONICS
 PHOTONUCLEAR REACTIONS
 PHOTOPRODUCTION
 PLANCKS CONSTANT
 QUANTUM THEORY
 ∞ RADIATION
 ROTONS

PHOTONUCLEAR REACTIONS

GS NUCLEAR REACTIONS
 . **PHOTONUCLEAR REACTIONS**
 RT ELECTROMAGNETIC INTERACTIONS
 LIGHT (VISIBLE RADIATION)
 PARTICLE INTERACTIONS
 PHOTOELECTRONS
 PHOTONEUTRONS
 PHOTONS
 PHOTOPRODUCTION

PHOTOOXIDATION

GS CHEMICAL REACTIONS

PHOTOOXIDATION--(cont.)

- . OXIDATION
- . . . **PHOTOOXIDATION**
- RT ASSOCIATION REACTIONS
- PHOTOCHEMICAL OXIDANTS

PHOTOPEAK

- RT AMPLITUDE DISTRIBUTION ANALYSIS
- PHOTOELECTRIC EMISSION
- PULSE AMPLITUDE
- SCINTILLATION COUNTERS

PHOTOPHILIC PLANTS

- GS PLANTS (BOTANY)
- . . . **PHOTOPHILIC PLANTS**
- RT LIGHT (VISIBLE RADIATION)
- PHOTOSENSITIVITY

PHOTOPHORESIS

- RT AEROSOLS
- LIGHT (VISIBLE RADIATION)
- PARTICLE INTERACTIONS
- PARTICLE MOTION
- RADIATION PRESSURE

PHOTOPLASTICITY

- GS MECHANICAL PROPERTIES
- . PLASTIC PROPERTIES
- . . . **PHOTOPLASTICITY**

PHOTOPRODUCTION

- GS ELECTROMAGNETIC INTERACTIONS
- . . . **PHOTOPRODUCTION**
- PARTICLE PRODUCTION
- . . . **PHOTOPRODUCTION**
- RT ELECTROMAGNETIC ABSORPTION
- PAIR PRODUCTION
- PHOTONS
- PHOTONUCLEAR REACTIONS
- RADIOACTIVE DECAY
- VECTOR DOMINANCE MODEL

PHOTORECEPTORS

- GS ANATOMY
- . SENSE ORGANS
- . . . **PHOTORECEPTORS**
- RECEPTORS (PHYSIOLOGY)
- . . . **PHOTORECEPTORS**
- RT EYE (ANATOMY)
- PHOTOSENSITIVITY
- RETINA
- SENSITOMETRY
- VISUAL PIGMENTS
- YOUNG-HELMHOLTZ THEORY

PHOTORECONNAISSANCE

- GS IMAGERY
- . . . **PHOTORECONNAISSANCE**
- RECONNAISSANCE
- . . . **PHOTORECONNAISSANCE**
- RT AERIAL RECONNAISSANCE
- AIRBORNE INTEGRATED
- RECONNAISSANCE SYSTEM
- BLACK AND WHITE PHOTOGRAPHY
- DMSP SATELLITES
- EARTH RESOURCES SURVEY AIRCRAFT
- GROUND TRUTH
- HS-801 AIRCRAFT
- PHOTOGRAMMETRY
- PHOTOGRAPHIC MEASUREMENT
- PHOTOGRAPHY
- PHOTOINTERPRETATION
- SPECTRAL RECONNAISSANCE

PHOTOREDUCTION

- USE PHOTOCHEMICAL REACTIONS

PHOTORESISTIVITY

- USE PHOTOCONDUCTIVITY

PHOTORESISTORS

- USE PHOTOCONDUCTORS

PHOTOSENSITIVITY

- GS SENSITIVITY
- . . . **PHOTOSENSITIVITY**
- . . . LIGHT ADAPTATION
- . . . PHOTOTROPISM
- RT LIGHT (VISIBLE RADIATION)
- PHOTOGRAPHIC EMULSIONS
- PHOTOPHILIC PLANTS
- PHOTORECEPTORS
- SENSITOMETRY
- THRESHOLDS (PERCEPTION)

PHOTOSENSITIVITY--(cont.)

- VISUAL PIGMENTS

PHOTOSENSORS

- USE PHOTOELECTRICITY
- RADIATION MEASURING INSTRUMENTS

PHOTOSPHERE

- GS **PHOTOSPHERE**
- . SOLAR GRANULATION
- RT CHROMOSPHERE
- FACULAE
- SOLAR ATMOSPHERE
- SOLAR PHYSICS
- SPICULES
- STARSPOTS
- STELLAR ACTIVITY
- SUN
- SUNSPOTS

PHOTOSTRESSES

- GS STRESSES
- . . . **PHOTOSTRESSES**

PHOTOSYNTHESIS

- GS CHEMICAL REACTIONS
- . . . PHOTOCHEMICAL REACTIONS
- . . . **PHOTOSYNTHESIS**
- RT ALGAE
- CARBOHYDRATES
- CHLORELLA
- CHLOROPHYLLS
- CHLOROPLASTS
- CROP GROWTH
- RESPIRATION

PHOTOTHERMAL CONVERSION

- GS ENERGY CONVERSION
- . . . SOLAR ENERGY CONVERSION
- . . . **PHOTOTHERMAL CONVERSION**
- RT ∞ CONVERSION
- ENERGY ABSORPTION FILMS
- ENERGY CONVERSION EFFICIENCY
- ENERGY TECHNOLOGY
- SELECTIVITY
- SOLAR COLLECTORS
- SOLAR DYNAMIC POWER SYSTEMS
- SOLAR ENERGY ABSORBERS
- SOLAR REFLECTORS
- SOLAR THERMAL ELECTRIC POWER
- PLANTS
- SPECTRAL SENSITIVITY
- THERMAL ENERGY
- THERMODYNAMICS

PHOTOTHERMOTROPISM

- USE ANISOTROPY
- PHOTOTROPISM
- TEMPERATURE EFFECTS

PHOTOTRANSISTORS

- GS ELECTRONIC EQUIPMENT
- . SOLID STATE DEVICES
- . . . SEMICONDUCTOR DEVICES
- TRANSISTORS
- **PHOTOTRANSISTORS**
- OPTOELECTRONIC DEVICES
- . . . **PHOTOTRANSISTORS**
- RT JUNCTION TRANSISTORS
- PHOTOCONDUCTORS
- PHOTODIODES
- PHOTOELECTRIC CELLS
- PHOTOELECTRIC MATERIALS
- PHOTOMETERS
- PHOTOTUBES

PHOTOTROPISM

- UF PHOTOTHERMOTROPISM
- GS SENSITIVITY
- . . . PHOTOSENSITIVITY
- . . . **PHOTOTROPISM**
- RT COLOR
- CROP VIGOR
- OPTICAL PROPERTIES
- PLANTS (BOTANY)

PHOTOTUBES

- GS ELECTRON TUBES
- . COLD CATHODE TUBES
- . . . **PHOTOTUBES**
- PHOTOMULTIPLIER TUBES
- FREQUENCY MODULATION
- PHOTOMULTIPLIERS
- RT CATHODES

PHOTOTUBES--(cont.)

- ELECTRODES
- FLYING SPOT SCANNERS
- GAS DISCHARGE TUBES
- MICROWAVE TUBES
- PHOTODIODES
- PHOTOELECTRIC CELLS
- PHOTOELECTRIC MATERIALS
- PHOTOTRANSISTORS

PHOTOVISCOELASTICITY

- GS ELECTROMAGNETIC PROPERTIES
- . OPTICAL PROPERTIES
- . . . **PHOTOVISCOELASTICITY**
- . . . PHOTOELASTICITY
- . . . **PHOTOVISCOELASTICITY**
- MECHANICAL PROPERTIES
- . ELASTIC PROPERTIES
- . . . PHOTOELASTICITY
- **PHOTOVISCOELASTICITY**
- VISCOELASTICITY
- **PHOTOVISCOELASTICITY**

PHOTOVOLTAGES

- GS POTENTIAL ENERGY
- . ELECTRIC POTENTIAL
- . . . **PHOTOVOLTAGES**
- RT PHOTOELECTRIC EMISSION
- PHOTOELECTRICITY
- PHOTOVOLTAIC EFFECT
- THRESHOLD VOLTAGE

PHOTOVOLTAIC CELLS

- GS ELECTRIC GENERATORS
- . DIRECT POWER GENERATORS
- . . . PHOTOELECTRIC GENERATORS
- **PHOTOVOLTAIC CELLS**
- SOLAR CELLS
- VERTICAL JUNCTION SOLAR
- CELLS
- ELECTRONIC EQUIPMENT
- . SOLID STATE DEVICES
- . . . SEMICONDUCTOR DEVICES
- **PHOTOVOLTAIC CELLS**
- SOLAR CELLS
- VERTICAL JUNCTION SOLAR
- CELLS
- PHOTOELECTRIC CELLS
- . . . **PHOTOVOLTAIC CELLS**
- . . . SOLAR CELLS
- VERTICAL JUNCTION SOLAR CELLS
- RT AMORPHOUS SILICON
- ∞ CELLS
- ELECTROCHEMICAL CELLS
- PHOTOCONDUCTIVE CELLS
- PHOTOELECTRIC MATERIALS
- SHORT CIRCUIT CURRENTS
- SIS (SEMICONDUCTORS)
- SOLAR GENERATORS

PHOTOVOLTAIC CONVERSION

- GS ENERGY CONVERSION
- . . . SOLAR ENERGY CONVERSION
- **PHOTOVOLTAIC CONVERSION**
- RT ∞ CONVERSION
- PHOTOVOLTAIC EFFECT
- SOLAR ARRAYS
- SOLAR CELLS

PHOTOVOLTAIC EFFECT

- GS ELECTRICAL PROPERTIES
- . . . **PHOTOVOLTAIC EFFECT**
- PHOTOELECTRICITY
- . . . PHOTOELECTRIC EFFECT
- **PHOTOVOLTAIC EFFECT**
- RT ∞ EFFECTS
- PHOTOELECTRIC EMISSION
- PHOTOELECTRONS
- PHOTOVOLTAGES
- PHOTOVOLTAIC CONVERSION
- THRESHOLD VOLTAGE

PHREATOPHYTES

- GS PLANTS (BOTANY)
- . . . **PHREATOPHYTES**
- RT TREES (PLANTS)

PHTHALATES

- GS ESTERS
- . . . **PHTHALATES**

PHTHALOCYANIN

- GS ORGANIC COMPOUNDS
- . . . CYCLIC COMPOUNDS
- HETEROCYCLIC COMPOUNDS

PHTHALOCYANIN--(cont.)
 . . . **PHTHALOCYANIN**
 RT PIGMENTS

PHUGOID OSCILLATIONS
 USE OSCILLATIONS
 PITCH (INCLINATION)

PHYLOQUINONE
 UF VITAMIN K
 GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **PHYLOQUINONE**
 . LIPIDS
 . . **PHYLOQUINONE**
 VITAMINS
 . **PHYLOQUINONE**

PHYSICAL CHEMISTRY
 GS **PHYSICAL CHEMISTRY**
 . CRYOCHEMISTRY
 . QUANTUM CHEMISTRY
 RT AEROTHERMOCHEMISTRY
 ATMOSPHERIC CHEMISTRY
 CHEMICAL ANALYSIS
 ∞ CHEMISTRY
 COMPUTATIONAL CHEMISTRY
 NUCLEAR CHEMISTRY
 ∞ PHYSICS
 THERMOCHEMISTRY
 THERMODYNAMICS

PHYSICAL CONSTANTS TESTING REACTOR
 USE NUCLEAR RESEARCH AND TEST
 REACTORS
 WATER COOLED REACTORS

PHYSICAL ENDURANCE
 USE PHYSICAL FITNESS

PHYSICAL EXAMINATIONS
 RT FLIGHT FITNESS
 MOBILE QUARANTINE FACILITY
 PERCUSSION
 PERSONNEL SELECTION

PHYSICAL EXERCISE
 UF EXERCISE
 GYMNASTICS
 GS **PHYSICAL EXERCISE**
 . HYPERKINESIA
 RT ANGINA PECTORIS
 ATHLETES
 ATROPHY
 FATIGUE (BIOLOGY)
 HYPOKINESIA
 PHYSICAL FITNESS
 RUNNING
 SWIMMING
 TREADMILLS
 WALKING

PHYSICAL FACTORS
 GS PHYSIOLOGICAL FACTORS
 . **PHYSICAL FACTORS**
 RT ∞ PHYSICS
 WORK

PHYSICAL FITNESS
 UF PHYSICAL ENDURANCE
 GS FITNESS
 . **PHYSICAL FITNESS**
 RT ATHLETES
 COMPETITION
 EXERCISE PHYSIOLOGY
 FLIGHT FITNESS
 PHYSICAL EXERCISE
 PHYSIOLOGICAL TESTS
 POSTURE
 SPORTS MEDICINE
 SWIMMING
 TREADMILLS
 WORK CAPACITY

PHYSICAL OPTICS
 RT CRYSTAL OPTICS
 FIBER OPTICS
 GEOMETRICAL OPTICS
 GRADIENT INDEX OPTICS
 OPTICAL PROPERTIES
 ∞ OPTICS
 QUANTUM OPTICS
 QUANTUM THEORY

PHYSICAL OPTICS--(cont.)
 ∞ THEORIES

∞ **PHYSICAL PROPERTIES**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ACOUSTIC PROPERTIES
 ADSORPTIVITY
 BRAGG ANGLE
 BUOYANCY
 CHEMICAL PROPERTIES
 COLOR
 DENSITY (MASS/VOLUME)
 DIFFUSIVITY
 DURABILITY
 EDDY CURRENTS
 ELASTIC PROPERTIES
 ELECTRICAL PROPERTIES
 ELECTROMAGNETIC PROPERTIES
 FUSIBILITY
 ∞ HIGH RESISTANCE
 HYGROSCOPICITY
 HYSTERESIS
 IMPEDANCE
 INTERNAL FRICTION
 ISOTROPY
 MAGNETIC DIPOLES
 MAGNETIC PROPERTIES
 MECHANICAL PROPERTIES
 OPTICAL PROPERTIES
 PERMEABILITY
 POLYMORPHISM
 PROPELLANT PROPERTIES
 ∞ PROPERTIES
 SURFACE PROPERTIES
 THERMAL EXPANSION
 THERMODYNAMIC PROPERTIES
 THIXOTROPY
 TRANSMISSIVITY
 TRANSPORT PROPERTIES
 VIRTUAL PROPERTIES
 VISCOSITY

∞ **PHYSICAL SCIENCES**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ASTRONOMY
 ∞ CHEMISTRY
 GEOLOGY
 LIFE SCIENCES
 ∞ METALLURGY
 METEOROLOGY
 MINERALOGY
 OCEANOGRAPHY
 ∞ PHYSICS
 ∞ SCIENCE

PHYSICAL WORK
 UF EXERTION
 GS WORK
 . **PHYSICAL WORK**
 RT EFFORT
 HORSEPOWER
 TASKS
 TREADMILLS
 WORK CAPACITY
 WORKLOADS (PSYCHOPHYSIOLOGY)

PHYSICIANS
 GS PERSONNEL
 . MEDICAL PERSONNEL
 . . **PHYSICIANS**
 RT STETHOSCOPES

∞ **PHYSICS**
 SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ASTROPHYSICS
 ATMOSPHERIC PHYSICS
 ATOMIC PHYSICS
 BIOPHYSICS
 BRANCHING (PHYSICS)
 CHARM (PARTICLE PHYSICS)
 CLOUD PHYSICS
 COMBUSTION
 COMBUSTION PHYSICS
 CONDENSED MATTER PHYSICS
 DEGENERATE MATTER
 ELECTROPHYSICS
 FIELD THEORY (PHYSICS)
 GEOPHYSICS
 HEALTH PHYSICS

PHYSICS--(cont.)
 HEALTH PHYSICS RESEARCH REACTOR
 KINETICS
 LOW TEMPERATURE PHYSICS
 MAGNETOMECHANICS (PHYSICS)
 MATTER (PHYSICS)
 ∞ MECHANICS (PHYSICS)
 ∞ MOLECULAR PHYSICS
 NEUTRON PHYSICS
 NUCLEAR PHYSICS
 NUCLEI (NUCLEAR PHYSICS)
 PHYSICAL CHEMISTRY
 PHYSICAL FACTORS
 ∞ PHYSICAL SCIENCES
 PLASMA PHYSICS
 PLASMAS (PHYSICS)
 POLYMER PHYSICS
 PSYCHOPHYSICS
 QUENCHING (ATOMIC PHYSICS)
 RADIO PHYSICS
 REACTOR PHYSICS
 REENTRY PHYSICS
 RIGID ROTORS (PLASMA PHYSICS)
 ∞ SCIENCE
 SELECTION RULES (NUCLEAR PHYSICS)
 SOLAR PHYSICS
 ∞ SOLID STATE PHYSICS
 STRANGE ATTRACTORS
 THEORETICAL PHYSICS

PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE

UF PACE
 GS EXPERIMENTATION
 . **PHYSICS AND CHEMISTRY
 EXPERIMENT IN SPACE**
 PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **PHYSICS AND CHEMISTRY
 EXPERIMENT IN SPACE**
 SPACEBORNE EXPERIMENTS
 . **PHYSICS AND CHEMISTRY
 EXPERIMENT IN SPACE**
 RT ∞ CHEMISTRY
 SPACE FLIGHT

PHYSIOCHEMISTRY
 GS BIOCHEMISTRY
 . **PHYSIOCHEMISTRY**
 RT ∞ CHEMISTRY
 EXERCISE PHYSIOLOGY
 MOLECULAR BIOLOGY
 ORGANIC CHEMISTRY
 PHYSIOLOGY
 PSYCHOTROPIC DRUGS
 ∞ SCIENCE

PHYSIOGRAPHY
 USE GEOMORPHOLOGY

PHYSIOLOGICAL ACCELERATION
 GS RATES (PER TIME)
 . **PHYSIOLOGICAL ACCELERATION**
 RT ∞ ACCELERATION
 ACCELERATION (PHYSICS)
 ACCELERATION STRESSES
 (PHYSIOLOGY)
 DECELERATION
 GRAVITATIONAL PHYSIOLOGY
 IMPACT ACCELERATION

PHYSIOLOGICAL DEFENSES
 GS **PHYSIOLOGICAL DEFENSES**
 . IMMUNE SYSTEMS
 RT ACQUIRED IMMUNODEFICIENCY
 SYNDROME
 ANTIBODIES
 ANTIGENS
 BIOCOMPATIBILITY
 ∞ DEFENSE
 INOCULUM
 INTERFERON

PHYSIOLOGICAL EFFECTS
 GS **PHYSIOLOGICAL EFFECTS**
 . PHYSIOLOGICAL RESPONSES
 . . HEMODYNAMIC RESPONSES
 BIOLOGICAL EFFECTS
 BONE DEMINERALIZATION
 CHOLERA
 COMFORT
 DIVING (UNDERWATER)
 ∞ EFFECTS
 ELECTROLYTE METABOLISM
 ENVIRONMENTAL ENGINEERING

PHYSIOLOGICAL EFFECTS--(cont.)

ENVIRONMENTS
 EXERCISE PHYSIOLOGY
 GEOTROPISM
 GONADS
 GRAVITATIONAL PHYSIOLOGY
 HEAD DOWN TILT
 HEAT ACCLIMATIZATION
 HEAT STROKE
 HEMATOPOIESIS
 HEMATOPOIETIC SYSTEM
 HUMAN REACTIONS
 NOISE POLLUTION
 RADIATION EFFECTS
 REACTION TIME
 RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)
 SHOCK (PHYSIOLOGY)
 SPACE ADAPTATION SYNDROME
 SPORTS MEDICINE

PHYSIOLOGICAL FACTORS

GS **PHYSIOLOGICAL FACTORS**
 . PHYSICAL FACTORS
 RT ASTRONAUT PERFORMANCE
 . CHEMICAL DEFENSE
 . CHEMICAL WARFARE
 . FLIGHT STRESS (BIOLOGY)
 . NOISE POLLUTION
 . SEX FACTOR

PHYSIOLOGICAL RESPONSES

GS **PHYSIOLOGICAL EFFECTS**
 . **PHYSIOLOGICAL RESPONSES**
 . . HEMODYNAMIC RESPONSES
 . . . RESPONSES
 . **PHYSIOLOGICAL RESPONSES**
 . . HEMODYNAMIC RESPONSES
 . . . DESYNCHRONIZATION (BIOLOGY)
 . . . EVOKED RESPONSE
 . . . (PSYCHOPHYSIOLOGY)
 . . . GRAVITATIONAL PHYSIOLOGY
 . . . PATHOLOGICAL EFFECTS
 RT

PHYSIOLOGICAL TELEMETRY

USE BIOTELEMETRY

PHYSIOLOGICAL TESTS

GS **PHYSIOLOGICAL TESTS**
 . BODY SWAY TEST
 . CARBOXYHEMOGLOBIN TEST
 . EAR PRESSURE TEST
 . ELECTRONYSTAGMOGRAPHY
 . VESTIBULAR TESTS
 . WEBER TEST
 RT CARDIAC OUTPUT
 . CARDIOGRAPHY
 . CERTIFICATION
 . ENVIRONMENTAL INDEX
 . ENVIRONMENTAL TESTS
 . MOBILE QUARANTINE FACILITY
 . PERSONNEL SELECTION
 . PHYSICAL FITNESS
 . PILOT SELECTION
 . PSYCHOMOTOR PERFORMANCE
 . SENSORIMOTOR PERFORMANCE
 . STROKE VOLUME
 . TAYLOR MANIFEST ANXIETY SCALE
 . . . TESTS
 . . . TREADMILLS
 . . . URINALYSIS

PHYSIOLOGY

GS **PHYSIOLOGY**
 . ELECTROPHYSIOLOGY
 . EXERCISE PHYSIOLOGY
 . GRAVITATIONAL PHYSIOLOGY
 . NEUROPHYSIOLOGY
 . PSYCHOPHYSIOLOGY
 . RESPIRATORY PHYSIOLOGY
 . UNDERWATER PHYSIOLOGY
 RT AGING (BIOLOGY)
 . BLOOD CIRCULATION
 . BONE DEMINERALIZATION
 . CATABOLISM
 . CYTOGENESIS
 . DIFFERENTIATION (BIOLOGY)
 . DIGESTING
 . HEART FUNCTION
 . HEMODYNAMICS
 . HOMEOSTASIS
 . MENSTRUATION
 . METABOLISM
 . MITOSIS
 . NARCOSIS

PHYSIOLOGY--(cont.)

PHYSIOCHEMISTRY
 REGENERATION (PHYSIOLOGY)
 REGULARITY
 RESPIRATION
 . . . SCIENCE
 . . . SHOCK (PHYSIOLOGY)
 . . . STRESS (PHYSIOLOGY)
 . . . THERMOREGULATION
 . . . TOLERANCES (PHYSIOLOGY)

PHYTOPLANKTON

GS PLANKTON
 . **PHYTOPLANKTON**
 . . PLANTS (BOTANY)
 . . . AQUATIC PLANTS
 . . . **PHYTOPLANKTON**
 RT ALGAE
 . MARINE BIOLOGY
 . WATER POLLUTION
 . ZOOPLANKTON

PHYTOTRONS

UF GERMINATORS
 . GROWTH CHAMBERS
 RT GERMINATION
 . GREENHOUSES
 . GROWTH
 . PLANTS (BOTANY)

PI-ELECTRONS

GS PARTICLES
 . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 ELECTRONS
 **PI-ELECTRONS**
 RT MOLECULAR ELECTRONICS
 . NUCLEAR PARTICLES

PIAGGIO AIRCRAFT

GS **PIAGGIO AIRCRAFT**
 . P-166 AIRCRAFT
 . PD-808 AIRCRAFT
 RT . . . AIRCRAFT

PIAGGIO P-166 AIRCRAFT

USE P-166 AIRCRAFT

PIAGGIO-DOUGLAS PD-808 AIRCRAFT

USE PD-808 AIRCRAFT

PIASECKI AIRCRAFT

GS **PIASECKI AIRCRAFT**
 . VZ-8 AIRCRAFT
 RT . . . AIRCRAFT

PICKLING (METALLURGY)

GS CLEANING
 . CHEMICAL CLEANING
 . . . **PICKLING (METALLURGY)**
 RT DESCALING
 . METAL FILMS
 . METAL FINISHING
 . SCALE (CORROSION)

PICKOFFS

USE SENSORS

PICKUPS

USE SENSORS

PICOSECOND PULSES

GS PULSES
 . **PICOSECOND PULSES**
 RT AMPLITUDES
 . ELECTROMAGNETIC MISSILES
 . ELECTROMAGNETIC PULSES
 . LASER OUTPUTS
 . PULSE RATE
 . PULSED RADIATION
 . TIME SIGNALS

PICRATES

GS NITROGEN COMPOUNDS
 . NITRO COMPOUNDS
 . . . **PICRATES**
 . . . AMMONIUM PICRATES

PICTURE ELEMENTS

USE PIXELS

PICTURE TUBES

UF KINESCOPES
 GS ELECTRON TUBES

PICTURE TUBES--(cont.)

. VACUUM TUBES
 . . CATHODE RAY TUBES
 . . . **PICTURE TUBES**
 VIDEO EQUIPMENT
 . **PICTURE TUBES**
 RT DISPLAY DEVICES
 . FLYING SPOT SCANNERS
 . RASTER SCANNING
 . TELEVISION EQUIPMENT

PIDV (VELOCIMETRY)

USE PARTICLE IMAGE VELOCIMETRY

PIEDMONTS

UF PEDIMENTS
 . PEDIPLAINS
 GS LANDFORMS
 . TERRACES (LANDFORMS)
 . . PLATEAUS
 . . . **PIEDMONTS**
 CENTRAL PIEDMONT (US)
 RT COASTAL PLAINS
 . MOUNTAINS

PIERCING

UF PUNCTURING
 RT CUTTING
 . DRILLING
 . EXTRUDING
 . FORGING
 . METAL WORKING
 . PENETRATION
 . PERFORATING
 . . . PERFORATION
 . . . SPARK MACHINING
 . . . VULNERABILITY

PIERS

USE WHARVES

PIEZOELECTRIC CERAMICS

GS TITANIUM COMPOUNDS
 . TITANATES
 . . **PIEZOELECTRIC CERAMICS**
 . . . LEAD ZIRCONATE TITANATES

PIEZOELECTRIC CRYSTALS

GS CRYSTALS
 . CRYSTAL OSCILLATORS
 . . **PIEZOELECTRIC CRYSTALS**
 . . . OSCILLATORS
 . . . CRYSTAL OSCILLATORS
 . . . **PIEZOELECTRIC CRYSTALS**
 RT MICROSONICS
 . PIEZORESISTIVE TRANSDUCERS
 . QUARTZ TRANSDUCERS
 . SINGLE CRYSTALS

PIEZOELECTRIC GAGES

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . **PIEZOELECTRIC GAGES**
 . . . TRANSDUCERS
 . . . PIEZOELECTRIC TRANSDUCERS
 . . . **PIEZOELECTRIC GAGES**
 . . . PIEZORESISTIVE TRANSDUCERS
 . . . **PIEZOELECTRIC GAGES**
 RT PRESSURE SENSORS
 . STRAIN GAGES

PIEZOELECTRIC TRANSDUCERS

GS TRANSDUCERS
 . **PIEZOELECTRIC TRANSDUCERS**
 . . . PIEZOELECTRIC GAGES
 RT INTERDIGITAL TRANSDUCERS
 . PRAETERSONIC DEVICES
 . ULTRASONIC CLEANING

PIEZOELECTRICITY

GS ELECTRICAL PROPERTIES
 . **PIEZOELECTRICITY**
 . MECHANICAL PROPERTIES
 . . **PIEZOELECTRICITY**
 RT CRYSTAL OSCILLATORS
 . ELASTIC PROPERTIES
 . ELECTRICITY
 . ELECTROSTRICTION
 . PIEZORESISTIVE TRANSDUCERS
 . PYROELECTRICITY

PIEZOMETERS

GS MEASURING INSTRUMENTS
 . PRESSURE GAGES

PIEZOMETERS--(cont.)

... **PIEZOMETERS**
RT SEEPAGE

PIEZORESISTIVE TRANSDUCERS

GS TRANSDUCERS
... **PIEZORESISTIVE TRANSDUCERS**
... PIEZOELECTRIC GAGES
RT PIEZOELECTRIC CRYSTALS
PIEZOELECTRICITY

PIGEONS

GS ANIMALS
... VERTEBRATES
... BIRDS
... **PIGEONS**

PIGGYBACK SYSTEMS

RT AIR LAUNCHING
MULTISTAGE ROCKET VEHICLES
PAYLOAD MASS RATIO
PAYLOADS
∞ SYSTEMS

PIGMENTS

GS **PIGMENTS**
... CAROTENE
... CHLOROPHYLLS
... CYTOCHROMES
... MELANIN
... VISUAL PIGMENTS
RT ADDITIVES
ALBINISM
ANATASE
DOPA
FILLERS
INKS
MYOGLOBIN
PAINTS
PHTHALOCYANIN
RUTILE
SKIN (ANATOMY)

PIGS (SWINE)

USE SWINE

PIKE'S PEAK (CO)

GS LANDFORMS
... PEAKS (LANDFORMS)
... **PIKE'S PEAK (CO)**
RT COLORADO
MOUNTAINS

PILE FOUNDATIONS

GS FOUNDATIONS
... **PILE FOUNDATIONS**
RT ∞ PILES

∞ PILES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT NUCLEAR REACTORS
PILE FOUNDATIONS

PILLOWS

RT COUCHES
CUSHIONS
SEATS

PILOCARPINE

GS BASES (CHEMICAL)
... ALKALOIDS
... **PILOCARPINE**
NITROGEN COMPOUNDS
... ALKALOIDS
... **PILOCARPINE**
ORGANIC COMPOUNDS
... CYCLIC COMPOUNDS
... HETEROCYCLIC COMPOUNDS
... ALKALOIDS
... **PILOCARPINE**

PILOT ERROR

UF FLIGHT TECHNICAL ERROR
GS ERRORS
... **PILOT ERROR**
RT AIRCRAFT ACCIDENTS
COLLISIONS
CRASH LANDING
CRASHES
HUMAN FACTORS ENGINEERING
HUMAN PERFORMANCE
MIDAIR COLLISIONS

PILOT ERROR--(cont.)

PILOT INDUCED OSCILLATION

PILOT INDUCED OSCILLATION

RT AERODYNAMIC STABILITY
AIRCRAFT CONTROL
AIRCRAFT STABILITY
CONTROL STABILITY
HIGH GAIN
LONGITUDINAL CONTROL
MAN MACHINE SYSTEMS
NONSTABILIZED OSCILLATION
PILOT ERROR
PILOT PERFORMANCE
SELF INDUCED VIBRATION
STABLE OSCILLATIONS
TRANSIENT OSCILLATIONS

PILOT LANDING AID TELEVISION SYSTEM

USE PLAT SYSTEM

PILOT PERFORMANCE

GS HUMAN PERFORMANCE
... **PILOT PERFORMANCE**
RT AIRCRAFT PERFORMANCE
ASTRONAUT PERFORMANCE
FLIGHT FATIGUE
INTRAHEMICULAR ACTIVITY
MAN OPERATED PROPULSION SYSTEMS
OPERATOR PERFORMANCE
∞ PERFORMANCE
PILOT INDUCED OSCILLATION
PSYCHOMOTOR PERFORMANCE
SENSORIMOTOR PERFORMANCE

PILOT PLANTS

RT INDUSTRIAL PLANTS
MODELS
PRODUCT DEVELOPMENT
PROTOTYPES

PILOT SELECTION

GS SELECTION
... PERSONNEL SELECTION
... **PILOT SELECTION**
RT PHYSIOLOGICAL TESTS
PSYCHOLOGICAL TESTS

PILOT TRAINING

GS EDUCATION
... **PILOT TRAINING**
RT ASTRONAUT TRAINING
AVIATION PSYCHOLOGY
EJECTION INJURIES
EJECTION TRAINING
FLIGHT SIMULATORS
FLIGHT TRAINING
SPACE FLIGHT TRAINING
TRAINING SIMULATORS

PILOTTED CENTRIFUGES

USE HUMAN CENTRIFUGES

PILOTLESS AIRCRAFT

SN (CONVENTIONAL AIRCRAFT CONVERTED
FOR REMOTE CONTROL)
GS **PILOTLESS AIRCRAFT**
... DRONE AIRCRAFT
... TARGET DRONE AIRCRAFT
... FIREBEE 2 TARGET DRONE
AIRCRAFT
... JINDIVIK TARGET AIRCRAFT
RT ∞ AIRCRAFT
BALLOONS
DRONE VEHICLES
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
OBLIQUE WINGS
RECONNAISSANCE AIRCRAFT
REMOTELY PILOTTED VEHICLES

∞ PILOTS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIRCRAFT PILOTS
AUTOMATIC PILOTS
PILOTS (PERSONNEL)
TEST PILOTS

PILOTS (PERSONNEL)

GS PERSONNEL
... FLYING PERSONNEL
... **PILOTS (PERSONNEL)**

PILOTS (PERSONNEL)--(cont.)

... AIRCRAFT PILOTS
... TEST PILOTS
... OPERATORS (PERSONNEL)
... **PILOTS (PERSONNEL)**
... AIRCRAFT PILOTS
... TEST PILOTS
RT ASTRONAUTS
COSMONAUTS
CREWS
FLIGHT CREWS
∞ PILOTS

PINCH EFFECT

GS **PINCH EFFECT**
... PLASMA PINCH
... SCREW PINCH
... THETA PINCH
... ZETA PINCH
... REVERSE FIELD PINCH
RT CYLINDRICAL PLASMAS
∞ EFFECTS
MAGNETIC FIELDS
MAGNETOHYDRODYNAMICS
PLASMA COMPRESSION
PLASMA CONTROL
RELATIVISTIC PLASMAS
STELLARATORS
THERMONUCLEAR POWER GENERATION
THERMONUCLEAR REACTIONS
ZETA THERMONUCLEAR REACTOR

PINEAL GLAND

GS ANATOMY
... GLANDS (ANATOMY)
... ENDOCRINE GLANDS
... **PINEAL GLAND**
... NERVOUS SYSTEM
... CENTRAL NERVOUS SYSTEM
... BRAIN
... DIENCEPHALON
... **PINEAL GLAND**

PINHOLE CAMERAS

GS OPTICAL EQUIPMENT
... CAMERAS
... **PINHOLE CAMERAS**
PHOTOGRAPHIC EQUIPMENT
... CAMERAS
... **PINHOLE CAMERAS**
RT APERTURES
PHOTOGRAPHY
PINHOLE OCCULTER FACILITY
PINHOLES

PINHOLE OCCULTER FACILITY

GS OBSERVATORIES
... SOLAR OBSERVATORIES
... **PINHOLE OCCULTER FACILITY**
RT OCCULTATION
PINHOLE CAMERAS
PINHOLES
SPACEBORNE ASTRONOMY

PINHOLES

RT CASTING
CASTINGS
DEFECTS
INTERSTICES
LEAKAGE
PINHOLE CAMERAS
PINHOLE OCCULTER FACILITY
POROSITY

PINNACLES

USE PEAKS (LANDFORMS)

PINNING

SN (LIMITED TO ELECTRONICS)
GS **PINNING**
... FLUX PINNING
RT CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
CURRENT DENSITY
MAGNETIC FLUX
SUPERCONDUCTORS

PINS

GS FASTENERS
... **PINS**
RT COUPLINGS
HOLDERS
LATCHES
RIVETS
∞ SPIKES

PINS--(cont.)

STUDS (STRUCTURAL MEMBERS)

PINTLES

RT PIVOTS
RUDDERS
SHAFTS (MACHINE ELEMENTS)

PION BEAMS

GS BEAMS (RADIATION)
PARTICLE BEAMS
PION BEAMS
RT NEUTRAL BEAMS
NEUTRON BEAMS

PIONEER F SPACE PROBE

USE PIONEER 10 SPACE PROBE

PIONEER G SPACE PROBE

USE PIONEER 11 SPACE PROBE

PIONEER PROJECT

GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
PIONEER PROJECT
PROJECTS
PIONEER PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
PIONEER PROJECT
RT LUNAR PROBES
PIONEER SPACE PROBES
SPACE PROBES

PIONEER SATURN SPACECRAFT

USE PIONEER 11 SPACE PROBE

PIONEER SPACE PROBES

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE
PIONEER PROJECT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
SOLAR PROBES

PIONEER VENUS ORBITER

USE PIONEER VENUS 1 SPACECRAFT

PIONEER VENUS SPACECRAFT

UF PIONEER 12 SPACE PROBE
GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT

PIONEER VENUS SPACECRAFT--(cont.)

PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
RT PIONEER SPACE PROBES
PROBES
SPACE PROBES

PIONEER VENUS 1 SPACECRAFT

UF PIONEER VENUS ORBITER
GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
RT PIONEER SPACE PROBES
PROBES
SPACE PROBES

PIONEER VENUS 2 ENTRY PROBES

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
RT PROBES

PIONEER VENUS 2 MULTIPROBE SPACECRAFT

USE PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 NIGHT PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
RT PROBES

PIONEER VENUS 2 SOUNDER PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 SOUNDER
PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 SOUNDER
PROBE

PIONEER VENUS 2 SPACECRAFT

UF PIONEER VENUS 2 MULTIPROBE
SPACECRAFT
GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
VENUS PROBES
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
RT PIONEER SPACE PROBES
PROBES
SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS

GS INTERPLANETARY SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
VENUS PROBES
PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS--(cont.)

PIONEER VENUS 2 TRANSPORTER
BUS
UNMANNED SPACECRAFT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
RT PROBES

PIONEER 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 1 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 1 SPACE PROBE
RT THOR ABLE ROCKET VEHICLE

PIONEER 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 2 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 2 SPACE PROBE

PIONEER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 3 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 3 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE

PIONEER 4 LUNAR PROBE

USE PIONEER 4 SPACE PROBE

PIONEER 4 SPACE PROBE

UF PIONEER 4 LUNAR PROBE
GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 4 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 4 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE

PIONEER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 5 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 5 SPACE PROBE
RT THOR ABLE ROCKET VEHICLE

PIONEER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 6 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 6 SPACE PROBE
RT DELTA LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE

PIONEER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 7 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 7 SPACE PROBE
RT DELTA LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE

PIONEER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
PIONEER SPACE PROBES
PIONEER 8 SPACE PROBE
UNMANNED SPACECRAFT
SPACE PROBES
PIONEER SPACE PROBES
PIONEER 8 SPACE PROBE
RT JUNO 2 LAUNCH VEHICLE

PIONEER 8 SPACE PROBE--(cont.)
∞ PROBES**PIONEER 9 SPACE PROBE**

- GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 9 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 9 SPACE PROBE**
 RT ∞ PROBES

PIONEER 10 SPACE PROBE

- UF PIONEER F SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 10 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 10 SPACE PROBE**
 RT ∞ PROBES

PIONEER 11 SPACE PROBE

- UF PIONEER G SPACE PROBE
 PIONEER SATURN SPACECRAFT
 GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . **PIONEER 11 SPACE PROBE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . **PIONEER 11 SPACE PROBE**
 RT ∞ PROBES

PIONEER 12 SPACE PROBE

- USE PIONEER VENUS SPACECRAFT

PIONS

- GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 **PIONS**
 . NUCLEAR PARTICLES
 . . BOSONS
 . . . MESONS
 **PIONS**
 RT BARYONS
 CHARGED PARTICLES
 KAONS

PIPE FLOW

- UF KIRCHHOFF-HELMHOLTZ FLOW
 GS FLUID FLOW
 . GAS FLOW
 . . **PIPE FLOW**
 . PARALLEL FLOW
 . . **PIPE FLOW**
 RT CAVITY FLOW
 CHANNEL FLOW
 CHOKED FLOW
 CRITICAL FLOW
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 OPEN CHANNEL FLOW
 ORIFICE FLOW
 PIPES (TUBES)
 PRESSURE GRADIENTS
 SINGLE-PHASE FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUPERCRITICAL FLOW
 TURBULENT FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 WATER FLOW
 WATER HAMMER
 WATER PRESSURE

PIPE NOZZLES

- RT EXHAUST SYSTEMS
 INLET NOZZLES
 INTAKE SYSTEMS
 NOZZLE GEOMETRY
 ∞ NOZZLES
 OPENINGS
 OUTLETS
 TANKS (CONTAINERS)

PIPELINES

- GS **PIPELINES**
 . SEWERS
 RT CROSSINGS
 ∞ LINES
 MATERIALS HANDLING
 PIPES (TUBES)
 PUMPS
 SIPHONS
 STEAM FLOW
 ∞ STORAGE
 STORAGE TANKS
 TRANSPORTATION
 WASTE DISPOSAL
 WATER HAMMER

PIPELINING (COMPUTERS)

- GS DATA PROCESSING
 . **PIPELINING (COMPUTERS)**
 RT ASSOCIATIVE PROCESSING
 (COMPUTERS)
 DATA PROCESSING EQUIPMENT
 MULTIPROCESSING (COMPUTERS)
 MULTIPROGRAMMING
 PARALLEL PROGRAMMING
 TIME SHARING
 VECTOR PROCESSING (COMPUTERS)

PIPER AIRCRAFT

- GS LIGHT AIRCRAFT
 . **PIPER AIRCRAFT**
 . . PA-34 SENECA AIRCRAFT
 RT ∞ AIRCRAFT
 GENERAL AVIATION AIRCRAFT

PIPERIDINE

- GS BASES (CHEMICAL)
 . **PIPERIDINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **PIPERIDINE**
 RT PYRIDINES

PIPES (TUBES)

- UF TUBING
 GS **PIPES (TUBES)**
 . GAS PIPES
 . U BENDS
 RT ∞ CASING
 CIRCULAR TUBES
 DUCTS
 FLUID FLOW
 ∞ HEADERS
 HOSES
 ∞ HYDRAULICS
 MANIFOLDS
 PIPE FLOW
 PIPELINES
 RISERS
 SIPHONS
 SYRINGES
 ∞ TUBES

PIPETTES

- RT BURETTES
 GLASSWARE
 LABORATORY EQUIPMENT

PIRANI GAGES

- GS MEASURING INSTRUMENTS
 . PRESSURE GAGES
 . . VACUUM GAGES
 . . . **PIRANI GAGES**
 VACUUM APPARATUS
 . VACUUM GAGES
 . . **PIRANI GAGES**
 RT HOT-WIRE FLOWMETERS
 IONIZATION GAGES
 KNUDSEN GAGES
 MCLEOD GAGES
 PRESSURE MEASUREMENT

PISTON ENGINES

- UF RECIPROCATING ENGINES
 GS ENGINES
 . **PISTON ENGINES**
 . . DIESEL ENGINES
 . . FREE-PISTON ENGINES
 . . STIRLING ENGINES
 RT AIRCRAFT ENGINES
 AUTOMOBILE ENGINES
 EXTERNAL COMBUSTION ENGINES
 FUEL INJECTION
 INTERNAL COMBUSTION ENGINES

PISTON ENGINES--(cont.)

- PISTONS
 RECIPROCATION
 ROTARY ENGINES
 WANKEL ENGINES

PISTON THEORY

- RT COMPRESSING
 FLUID DYNAMICS
 PISTONS
 ∞ THEORIES

PISTONS

- GS **PISTONS**
 . MAGNETIC PISTONS
 RT COMBUSTION CHAMBERS
 ENGINE PARTS
 FREE-PISTON ENGINES
 INTERNAL COMBUSTION ENGINES
 PISTON ENGINES
 PISTON THEORY
 PLUNGERS
 RECIPROCATION

PITCH

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF TONE
 RT FREQUENCIES
 PITCH (INCLINATION)
 PITCH (MATERIAL)

PITCH (INCLINATION)

- UF DAMPING IN PITCH
 PHUGOID OSCILLATIONS
 PITCH ANGLES
 GS ATTITUDE (INCLINATION)
 . **PITCH (INCLINATION)**
 RT ANGLES (GEOMETRY)
 HEAVING
 LONGITUDINAL CONTROL
 LONGITUDINAL STABILITY
 ∞ MOTION
 ∞ PITCH
 ROLL
 ROTATION
 SLOPES
 STABILITY AUGMENTATION
 VARIABLE PITCH PROPELLERS
 YAW

PITCH (MATERIAL)

- RT ASPHALT
 OILS
 ∞ PITCH
 TARS

PITCH ANGLES

- USE PITCH (INCLINATION)

PITCH ATTITUDE CONTROL

- USE LONGITUDINAL CONTROL

PITCHING MOMENTS

- GS MOMENTS
 . STABILITY DERIVATIVES
 . . **PITCHING MOMENTS**
 RT AERODYNAMIC COEFFICIENTS
 LONGITUDINAL STABILITY
 MOMENTS OF INERTIA
 ROLLING MOMENTS
 TORQUE
 YAWING MOMENTS

PITOT TUBES

- UF PRESTON TUBES
 RT FLOW MEASUREMENT
 FLOWMETERS
 PRESSURE MEASUREMENT
 PROTUBERANCES
 SPEED INDICATORS
 STATIC PRESSURE
 ∞ TUBES
 VELOCITY MEASUREMENT
 VENTURI TUBES

PITS

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT PITS (EXCAVATIONS)
 PITTING

PITS (EXCAVATIONS)

RT BOREHOLES
EXCAVATION
MINES (EXCAVATIONS)
∞ PITS
SUMPS

PITTING

RT CHEMICAL ATTACK
CHIPPING
CORROSION
CORROSION RESISTANCE
CORROSION TESTS
DEGRADATION
EROSION
EROSIVE BURNING
ETCHING
HOT CORROSION
METAL-WATER REACTIONS
∞ PITS
SCORING

PITUITARY GLAND

UF HYPOPHYSIS
GS ANATOMY
... GLANDS (ANATOMY)
... ENDOCRINE GLANDS
... **PITUITARY GLAND**
RT BRAIN
HYPOTHALAMUS

PITUITARY HORMONES

GS SECRETIONS
... ENDOCRINE SECRETIONS
... HORMONES
... **PITUITARY HORMONES**
... ADRENOCORTICOTROPIN (ACTH)

PIV (VELOCIMETRY)

USE PARTICLE IMAGE VELOCIMETRY

PIVOTED WING AIRCRAFT

USE TILT WING AIRCRAFT

PIVOTS

UF TROCHOIDS
RT BEARINGS
GIMBALS
HINGES
PINTLES
SHAFTS (MACHINE ELEMENTS)
SUPPORTS
SWIVELS

PIX

USE PLASMA INTERACTION EXPERIMENT

PIXELS

UF PICTURE ELEMENTS
GS IMAGERY
... **PIXELS**
RT AERIAL PHOTOGRAPHY
ELECTROPHOTOMETRY
IMAGING TECHNIQUES
PHOTOGRAPHS
PHOTOGRAPHY
REMOTE SENSING
SATELLITE IMAGERY
VIDICONS

PL/1

GS LANGUAGES
... PROGRAMMING LANGUAGES
... **PL/1**
RT COBOL
COMPILERS
COMPUTER PROGRAMMING
FORTRAN
MACHINE ORIENTED LANGUAGES

PLAGES (FACULAE)

USE FACULAE

PLAINS

GS LAND
... **PLAINS**
... COASTAL PLAINS
... FLOOD PLAINS
... LLANOS ORIENTALES (COLOMBIA)
... PAMPAS
... PLAYAS
... TUNDRA
RT FARMLANDS
FLATS (LANDFORMS)

PLAINS--(cont.)

GEOGRAPHY
GRASSLANDS
GREAT PLAINS CORRIDOR (NORTH AMERICA)
LANDFORMS
PLATEAUS
STEPPES
TOPOGRAPHY
WILDERNESS

PLAN POSITION INDICATORS

UF PPI (POSITION INDICATORS)
GS DISPLAY DEVICES
... POSITION INDICATORS
... **PLAN POSITION INDICATORS**
... RADARSCOPES
... **PLAN POSITION INDICATORS**
MEASURING INSTRUMENTS
... INDICATING INSTRUMENTS
... POSITION INDICATORS
... **PLAN POSITION INDICATORS**
RADAR EQUIPMENT
... RADARSCOPES
... **PLAN POSITION INDICATORS**

PLANAR STRUCTURES

RT FLAT LAYERS
FLAT PLATES
FLAT SURFACES
FLATNESS
∞ STRUCTURES
SURFACE PROPERTIES

PLANCKS CONSTANT

GS CONSTANTS
... **PLANCKS CONSTANT**
RT BLACK BODY RADIATION
DE BROGLIE WAVELENGTHS
ELECTROMAGNETIC RADIATION
NUCLEAR MAGNETIC RESONANCE
PHOTONS
QUANTUM THEORY
THERMAL RADIATION
WENTZEL-KRAMER-BRILLOUIN METHOD

PLANE STRAIN

RT CRACK PROPAGATION
ELASTIC DEFORMATION
FRACTURE MECHANICS
PLANE STRESS
PLASTIC DEFORMATION
STRESS INTENSITY FACTORS
STRESS-STRAIN RELATIONSHIPS

PLANE STRESS

GS STRESSES
... **PLANE STRESS**
RT LOADS (FORCES)
PLANE STRAIN
STRESS CONCENTRATION

PLANE WAVES

GS LONGITUDINAL WAVES
... **PLANE WAVES**
RT BEAMS (RADIATION)
CYLINDRICAL WAVES
ELASTIC WAVES
NORMAL SHOCK WAVES
∞ RADIATION
SHOCK WAVES
SOLITARY WAVES
SOUND WAVES
SPATIAL FILTERING
SPHERICAL WAVES
TRANSVERSE WAVES
TRAVELING WAVES
∞ WAVES

PLANET EPHEMERIDES

GS EPHEMERIDES
... **PLANET EPHEMERIDES**
RT GEOCENTRIC COORDINATES
PLANETS

PLANET ORIGINS

USE PLANETARY EVOLUTION

PLANETARIUMS

RT ASTRONOMICAL MODELS
DISPLAY DEVICES

PLANETARY ATMOSPHERES

SN (EXCLUDES EARTH ATMOSPHERE)

PLANETARY ATMOSPHERES--(cont.)

GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... PLANETARY ENVIRONMENTS
... **PLANETARY ATMOSPHERES**
... HELIUM HYDROGEN
... ATMOSPHERES
... JUPITER ATMOSPHERE
... MARS ATMOSPHERE
... MERCURY ATMOSPHERE
... NEPTUNE ATMOSPHERE
... PLANETARY IONOSPHERES
... PLUTO ATMOSPHERE
... SATURN ATMOSPHERE
... URANUS ATMOSPHERE
... VENUS ATMOSPHERE
... VENUS CLOUDS
RT ∞ ABSORPTION
∞ ATMOSPHERES
ATMOSPHERIC ATTENUATION
ATMOSPHERIC COMPOSITION
ATMOSPHERIC DENSITY
ATMOSPHERIC TEMPERATURE
EARTH ATMOSPHERE
IONOPAUSE
LUNAR ATMOSPHERE
NONGRAY ATMOSPHERES
ORGANIC SOLIDS
PLANETARY METEOROLOGY
PLANETARY RINGS
PRIMITIVE EARTH ATMOSPHERE
RADIATIVE TRANSFER
RADIO OCCULTATION
SATELLITE ATMOSPHERES
SATURN RINGS
SOLAR PLANETARY INTERACTIONS
TERRAFORMING

PLANETARY BASES

RT EXTRATERRESTRIAL RESOURCES
SPACE EXPLORATION
STATIONS

PLANETARY BOUNDARY LAYER

GS BOUNDARY LAYERS
... **PLANETARY BOUNDARY LAYER**
RT ATMOSPHERIC BOUNDARY LAYER

PLANETARY COMPOSITION

GS COMPOSITION (PROPERTY)
... **PLANETARY COMPOSITION**
RT EARTH PLANETARY STRUCTURE
GAS GIANT PLANETS
JUPITER RINGS
SATURN RINGS
SPACE EXPLORATION
STRUCTURAL PROPERTIES (GEOLOGY)

PLANETARY CORES

GS CORES
... **PLANETARY CORES**
... EARTH CORE
RT LUNAR CORE
PLANETS
STELLAR CORES

PLANETARY CRATERS

GS CRATERS
... **PLANETARY CRATERS**
... MARS CRATERS
RT EARTH (PLANET)
IMPACT DAMAGE
MARS (PLANET)
MARS SURFACE
MERCURY (PLANET)
MERCURY SURFACE
METEORITE CRATERS
PLANETARY GEOLOGY
PLANETS
VENUS (PLANET)
VENUS SURFACE

PLANETARY CRUSTS

GS CRUSTS
... **PLANETARY CRUSTS**
... EARTH CRUST
RT LUNAR CRUST
PLANETARY GEOLOGY
PLANETARY MANTLES

PLANETARY ENTRY

USE ATMOSPHERIC ENTRY

PLANETARY ENVIRONMENTS

SN (EXCLUDES EARTH)

PLANETARY ENVIRONMENTS--(cont.)

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . **PLANETARY ENVIRONMENTS**
 . . MARS ENVIRONMENT
 . . . MARS ATMOSPHERE
 . . . PLANETARY ATMOSPHERES
 HELIUM HYDROGEN
 ATMOSPHERES
 JUPITER ATMOSPHERE
 MARS ATMOSPHERE
 MERCURY ATMOSPHERE
 NEPTUNE ATMOSPHERE
 PLANETARY IONOSPHERES
 PLUTO ATMOSPHERE
 SATURN ATMOSPHERE
 URANUS ATMOSPHERE
 VENUS ATMOSPHERE
 VENUS CLOUDS
 PLANETARY MAGNETOSPHERES
 PLANETARY MAGNETOTAILS
 RT AEROSPACE ENVIRONMENTS
 BIOASTRONAUTICS
 EXOBIOLOGY
 LIFE SUPPORT SYSTEMS
 LONG DURATION SPACE FLIGHT
 LUNAR ENVIRONMENT
 PLANETS
 PROTOPLANETS
 TERRAFORMING
 TERRESTRIAL PLANETS
 THERMAL ENVIRONMENTS

PLANETARY EVOLUTION

UF PLANET ORIGINS
 GS EVOLUTION (DEVELOPMENT)
 . **PLANETARY EVOLUTION**
 RT COSMOLOGY
 PLANETARY GEOLOGY
 PROTOPLANETS
 SOLAR SYSTEM EVOLUTION
 STELLAR EVOLUTION

PLANETARY EXPLORATION

USE SPACE EXPLORATION

PLANETARY EXPLORER

USE OUTER PLANETS EXPLORERS

PLANETARY GEOLOGY

GS **PLANETARY GEOLOGY**
 . MARS VOLCANOES
 RT LUNAR GEOLOGY
 PLANETARY CRATERS
 PLANETARY CRUSTS
 PLANETARY EVOLUTION
 PLANETARY STRUCTURE
 PLANETARY SURFACES
 PLANETOLOGY
 PLANETS
 REMOTE SENSING
 SOLAR SYSTEM
 SPACE EXPLORATION

PLANETARY GRAVITATION

GS GRAVITATION
 . **PLANETARY GRAVITATION**
 RT ESCAPE VELOCITY
 LUNAR GRAVITATION

PLANETARY IONOSPHERES

SN (EXCLUDES EARTH IONOSPHERE)
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . PLANETARY ATMOSPHERES
 **PLANETARY IONOSPHERES**
 RT ∞ ATMOSPHERES
 ∞ IONOSPHERES
 JUPITER ATMOSPHERE
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 MARS ATMOSPHERE
 NEPTUNE ATMOSPHERE
 SATURN ATMOSPHERE
 URANUS ATMOSPHERE
 VENUS ATMOSPHERE

PLANETARY LANDING

SN (EXCLUDES LANDING ON THE PLANET EARTH)
 GS LANDING
 . SPACECRAFT LANDING
 . . **PLANETARY LANDING**
 RT CRASH LANDING

PLANETARY LANDING--(cont.)

GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 INTERPLANETARY FLIGHT
 LUNAR LANDING
 MARS LANDING
 ORBITAL MECHANICS
 ROVING VEHICLES
 SOFT LANDING
 WATER LANDING

PLANETARY LIMB

RT EARTH LIMB
 ∞ LIMBS
 LUNAR LIMB
 SOLAR LIMB

PLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
 . **PLANETARY MAGNETIC FIELDS**
 RT GEOMAGNETIC TAIL
 GEOMAGNETISM
 PLANETARY MAGNETOSPHERES
 PLANETARY MAGNETOTAILS
 POLAR CUSPS
 SOLAR PLANETARY INTERACTIONS

PLANETARY MAGNETOSPHERES

SN (EXCLUDES EARTH MAGNETOSPHERE)
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . **PLANETARY MAGNETOSPHERES**
 PLANETARY MAGNETOTAILS
 RT EARTH MAGNETOSPHERE
 ∞ MAGNETOSPHERES
 PLANETARY MAGNETIC FIELDS
 SOLAR PLANETARY INTERACTIONS

PLANETARY MAGNETOTAILS

SN (EXCLUDES EARTH'S MAGNETOTAIL;
 FOR EARTH USE 'GEOMAGNETIC TAIL')
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . PLANETARY MAGNETOSPHERES
 **PLANETARY MAGNETOTAILS**
 RT EXOSPHERE
 GEOMAGNETIC TAIL
 MAGNETOPAUSE
 ∞ MAGNETOTAILS
 PLANETARY MAGNETIC FIELDS
 SOLAR PLANETARY INTERACTIONS
 SOLAR WIND

PLANETARY MANTLES

GS **PLANETARY MANTLES**
 . EARTH MANTLE
 RT CRUSTS
 LITHOSPHERE
 LUNAR MANTLE
 PLANETARY CRUSTS

PLANETARY MAPPING

GS MAPPING
 . **PLANETARY MAPPING**
 RT ASTROGRAPHY
 HEAT CAPACITY MAPPING MISSION
 THERMAL MAPPING

PLANETARY MASS

GS MASS
 . **PLANETARY MASS**
 RT PROTOPLANETS

PLANETARY METEOROLOGY

GS METEOROLOGY
 . **PLANETARY METEOROLOGY**
 RT ATMOSPHERIC CIRCULATION
 ATMOSPHERIC PHYSICS
 JUPITER ATMOSPHERE
 MARS ATMOSPHERE
 MERCURY ATMOSPHERE
 PLANETARY ATMOSPHERES
 PLANETOLOGY
 PLANETS
 VENUS ATMOSPHERE

PLANETARY MOTION

USE SOLAR ORBITS

PLANETARY NEBULAE

GS CELESTIAL BODIES

PLANETARY NEBULAE--(cont.)

. NEBULAE
 . . **PLANETARY NEBULAE**
 RT ORION NEBULA

PLANETARY ORBITS

GS ORBITS
 . **PLANETARY ORBITS**
 RT AMOR ASTEROID
 APOLLO ASTEROIDS
 CHARON
 CIRCULAR ORBITS
 EARTH ORBITS
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 INTERPLANETARY TRAJECTORIES
 ORBITAL RESONANCES (CELESTIAL MECHANICS)
 PARKING ORBITS
 POLAR ORBITS
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 SWINGBY TECHNIQUE
 TRANSFER ORBITS
 TWENTY-FOUR HOUR ORBITS
 VIKING ORBITER SPACECRAFT

PLANETARY QUAKES

RT EARTHQUAKES
 GEODYNAMICS
 MOONQUAKES
 SEISMIC WAVES
 SHOCK WAVES

PLANETARY QUARANTINE

RT SPACECRAFT STERILIZATION

PLANETARY RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
 GS ELECTROMAGNETIC RADIATION
 . **PLANETARY RADIATION**
 EXTRATERRESTRIAL RADIATION
 . **PLANETARY RADIATION**
 RT ALBEDO
 DECIMETER WAVES
 INFRARED RADIATION
 LIGHT (VISIBLE RADIATION)
 ∞ RADIATION
 RADIO WAVES
 SATURN ATMOSPHERE
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 VLF EMISSION RECORDERS

PLANETARY RINGS

GS CELESTIAL BODIES
 . **PLANETARY RINGS**
 . . JUPITER RINGS
 . . . SATURN RINGS
 . . . URANUS RINGS
 RT MOONLETS
 PLANETARY ATMOSPHERES
 PLANETS
 ∞ RINGS

PLANETARY ROTATION

GS GYRATION
 . ROTATION
 . . **PLANETARY ROTATION**
 RT ASTROPHYSICS
 PLANETOLOGY
 ROTATING BODIES
 STELLAR ROTATION

PLANETARY SATELLITES

USE NATURAL SATELLITES

PLANETARY SPACE FLIGHT

USE INTERPLANETARY FLIGHT

PLANETARY SPACECRAFT

USE INTERPLANETARY SPACECRAFT

PLANETARY STRUCTURE

RT CHEMICAL COMPOSITION
 EARTH PLANETARY STRUCTURE
 JUPITER RINGS
 LUNAR MANTLE
 PLANETARY GEOLOGY
 PLANETOLOGY
 URANUS RINGS

PLANETARY SURFACES

GS **PLANETARY SURFACES**

PLANETARY SURFACES--(cont.)

- . MARS SURFACE
- . MERCURY SURFACE
- . VENUS SURFACE
- RT EARTH SURFACE
- JUPITER RED SPOT
- PLANETARY GEOLOGY
- ROVING VEHICLES
- SATURN RINGS
- SURFACE PROPERTIES
- ∞ SURFACES
- TOPOGRAPHY

PLANETARY SYSTEMS

- GS **PLANETARY SYSTEMS**
- . SOLAR SYSTEM
- RT EXTRASOLAR PLANETS
- ORBITAL RESONANCES (CELESTIAL MECHANICS)
- SOLAR SYSTEM EVOLUTION
- ∞ SYSTEMS

PLANETARY TEMPERATURE

- GS TEMPERATURE
- . **PLANETARY TEMPERATURE**
- RT ATMOSPHERIC TEMPERATURE
- SATURN RINGS

PLANETARY WAVES

- UF LONG WAVES (METEOROLOGY)
- ROSSBY WAVES
- GS BAROTROPISM
- . **PLANETARY WAVES**
- INTERNAL WAVES
- . **PLANETARY WAVES**
- TROPOSPHERIC WAVES
- . **PLANETARY WAVES**
- RT ATMOSPHERIC CIRCULATION
- BAROTROPIC FLOW
- CORIOLIS EFFECT
- FLUID FLOW
- GRAVITY WAVES
- ROSSBY REGIMES
- ROTATING FLUIDS
- ROTATING LIQUIDS
- VORTICES
- ∞ WAVES
- ZONAL FLOW (METEOROLOGY)

PLANETESIMALS

- USE PROTOPLANETS

PLANETOCENTRIC COORDINATES

- GS COORDINATES
- . **PLANETOCENTRIC COORDINATES**
- . . . GEOCENTRIC COORDINATES
- RT ASTRONOMICAL COORDINATES
- CELESTIAL REFERENCE SYSTEMS
- SPHERICAL COORDINATES

PLANETOLOGY

- RT JUPITER RINGS
- PLANETARY GEOLOGY
- PLANETARY METEOROLOGY
- PLANETARY ROTATION
- PLANETARY STRUCTURE
- SATURN RINGS
- TERRESTRIAL PLANETS

PLANETS

- GS CELESTIAL BODIES
- . **PLANETS**
- . . . EXTRASOLAR PLANETS
- . . . GAS GIANT PLANETS
- . . . JUPITER (PLANET)
- . . . NEPTUNE (PLANET)
- . . . SATURN (PLANET)
- . . . URANUS (PLANET)
- . . . PLUTO (PLANET)
- . . . TERRESTRIAL PLANETS
- . . . EARTH (PLANET)
- . . . MARS (PLANET)
- . . . MERCURY (PLANET)
- . . . VENUS (PLANET)
- RT CELESTIAL MECHANICS
- CHIRON
- ECLIPTIC
- JUPITER RED SPOT
- NATURAL SATELLITES
- PLANET EPHEMERIDES
- PLANETARY CORES
- PLANETARY CRATERS
- PLANETARY ENVIRONMENTS
- PLANETARY GEOLOGY
- PLANETARY METEOROLOGY

PLANETS--(cont.)

- PLANETARY RINGS
- PROTOPLANETS
- SATURN RINGS
- SOLAR SYSTEM
- SOLAR SYSTEM EVOLUTION
- SUN

PLANFORMS

- GS **PLANFORMS**
- . CARET WINGS
- . RECTANGULAR PLANFORMS
- . . . RECTANGULAR PANELS
- . . . RECTANGULAR PLATES
- . . . RECTANGULAR WINGS
- . . . SWEEPBACK TAIL SURFACES
- . . . TRAPEZOIDAL TAIL SURFACES
- . . . WING PLANFORMS
- . . . CHANNEL WINGS
- . . . INFINITE SPAN WINGS
- . . . SWEEP FORWARD WINGS
- . . . TRAPEZOIDAL WINGS
- . . . SWEEPBACK WINGS
- . . . ARROW WINGS
- . . . DELTA WINGS
- . . . TRAPEZOIDAL WINGS
- . . . VARIABLE SWEEP WINGS
- RT ∞ BODIES
- ∞ CROSS SECTIONS
- GEOMETRY
- ∞ PROFILES
- SHAPES
- ∞ SURFACE GEOMETRY

PLANIGRAPHY

- USE TOMOGRAPHY

PLANING

- SN (EXCLUDES MOTION INVOLVING DYNAMIC SUPPORTING FORCES)
- GS CUTTING
- . **PLANING**
- RT GRINDING (MATERIAL REMOVAL)
- MACHINING
- METAL CUTTING
- MILLING (MACHINING)
- SLICING
- SMOOTHING

PLANISPHERES

- GS MAPS
- . ASTRONOMICAL MAPS
- . **PLANISPHERES**
- RT ASTRONOMICAL COORDINATES
- CELESTIAL SPHERE
- CONSTELLATIONS
- POLAR COORDINATES

PLANKTON

- UF PLANKTON BLOOM
- GS **PLANKTON**
- . PHYTOPLANKTON
- . ZOOPLANKTON
- RT ALGAE
- ANIMALS
- PLANTS (BOTANY)
- RED TIDE
- THERMAL POLLUTION

PLANKTON BLOOM

- USE PLANKTON

PLANNING

- GS **PLANNING**
- . AIRPORT PLANNING
- . MANAGEMENT PLANNING
- . . . PRODUCTION PLANNING
- . . . PROJECT PLANNING
- . . . MISSION PLANNING
- . . . REGIONAL PLANNING
- . . . URBAN PLANNING
- . . . TASK PLANNING (ROBOTICS)
- . . . TRAJECTORY PLANNING
- RT BUDGETING
- CRITICAL PATH METHOD
- DELPHI METHOD (FORECASTING)
- ∞ DESIGN
- FORECASTING
- ∞ MISSIONS
- OPTIMIZATION
- PATTERN METHOD (FORECASTING)
- PROBE METHOD (FORECASTING)
- PRODUCTION ENGINEERING
- PROFILE METHOD (FORECASTING)
- PROGRESS

PLANNING--(cont.)

- SEQUENCING
- SLICING
- STARSITE PROGRAM
- TRAINING ANALYSIS
- URBAN DEVELOPMENT

PLANOTRONS

- UF AMPLITRONS (TRADEMARK)
- GS AMPLIFIERS
- . MICROWAVE AMPLIFIERS
- . . . **PLANOTRONS**
- ELECTRON TUBES
- . VACUUM TUBES
- . . . MICROWAVE TUBES
- . . . **PLANOTRONS**
- MICROWAVE EQUIPMENT
- . MICROWAVE AMPLIFIERS
- . . . **PLANOTRONS**
- . MICROWAVE TUBES
- . . . **PLANOTRONS**
- RT CAMERA TUBES
- ELECTRIC ARCS
- MAGNETRONS

∞ PLANS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT DRAWINGS
- FLIGHT PLANS
- LAYOUTS
- MISSION PLANNING
- PAYLOAD INTEGRATION PLAN
- URBAN DEVELOPMENT

PLANT DESIGN

- SN (EXCLUDES BIOLOGICAL PLANTS)
- RT ARCHITECTURE
- ∞ DESIGN
- STRUCTURAL DESIGN

PLANT DISEASES

- UF DISEASED VEGETATION
- GS **PLANT DISEASES**
- . BLIGHT
- RT AGRICULTURE
- CROP GROWTH
- CROP IDENTIFICATION
- CROP VIGOR
- DISEASES
- FUNGI
- PLANT STRESS
- PLANTS (BOTANY)
- RUST FUNGI

PLANT ROOTS

- RT BULBS
- PLANTS (BOTANY)
- ∞ ROOTS
- VEGETATION GROWTH

PLANT STRESS

- RT AERIAL PHOTOGRAPHY
- AGRICULTURE
- CROP GROWTH
- CROP VIGOR
- EARTH RESOURCES PROGRAM
- PLANT DISEASES
- REMOTE SENSING
- SOIL MOISTURE
- SPECTRAL REFLECTANCE
- VEGETATION GROWTH

PLANTAR TISSUES

- GS TISSUES (BIOLOGY)
- . **PLANTAR TISSUES**

PLANTING

- RT AGRICULTURE
- ∞ CROPS
- CULTIVATION
- FARM CROPS
- FARMLANDS
- FERTILIZERS
- PLANTS (BOTANY)
- PLOWING
- PLOWS
- SEEDS
- SILVICULTURE
- SOILS
- TRACTORS
- VEGETABLES

PLANTS (BOTANY)

UF FLORA
GS **PLANTS (BOTANY)**
 . ALFALFA
 . ALGAE
 . BLUE GREEN ALGAE
 . ANABAENA
 . MICROCYSTIS
 . NOSTOC
 . CHLORELLA
 . DUNALIELLA
 . PORPHYRA
 . SCENEDESMUS
 . AQUATIC PLANTS
 . PHYTOPLANKTON
 . BARLEY
 . BRUSH (BOTANY)
 . CHAPARRAL
 . BRYOPHYTES
 . CORN
 . COTTON
 . FUNGI
 . ASPERGILLUS
 . COCCOMYCES
 . GIBBERELLINS
 . NEUROSPORA
 . RHIZOPUS
 . RUST FUNGI
 . SACCHAROMYCES
 . YEAST
 . GRASSES
 . HAY
 . REEDS (PLANTS)
 . SEA GRASSES
 . SORGHUM
 . GUAYULE
 . LEGUMINOUS PLANTS
 . SOYBEANS
 . LICHENS
 . MILLET
 . NIGELLA
 . OATS
 . PHOTOPHILIC PLANTS
 . PHREATOPHYTES
 . POTATOES
 . RICE
 . SAPROPHYTES
 . SPINACH
 . SUGAR BEETS
 . SUGAR CANE
 . SUNFLOWERS
 . THERMOPHILIC PLANTS
 . BLUE GREEN ALGAE
 . NOSTOC
 . TOBACCO
 . TRADESCANTIA
 . TRAGACANTH
 . TREES (PLANTS)
 . CITRUS TREES
 . CONIFERS
 . DECIDUOUS TREES
 RT AGRICULTURE
 ANGIOSPERMS
 ANIMALS
 BIOCHEMICAL OXYGEN DEMAND
 BIOGEOCHEMISTRY
 BIOMASS
 BLIGHT
 BOTANY
 CANOPIES (VEGETATION)
 CARBON CYCLE
 CHLOROPHYLLS
 CORTEXES (BOTANY)
 CROP GROWTH
 CROP VIGOR
 DEFOLIANTS
 DEFOLIATION
 EARTH RESOURCES
 ENVIRONMENTS
 FARM CROPS
 FOLIAGE
 FOOD CHAIN
 FORESTS
 FROST DAMAGE
 GEOBOTANY
 GEOTROPISM
 GRAVITROPISM
 GREENHOUSES
 HALOPHILES
 HERBICIDES
 HETEROTROPHS
 HYDROPONICS
 INFESTATION
 LACUNAS
 LEAVES
 MICROORGANISMS

PLANTS (BOTANY)--(cont.)

MICROSPORES
 MITRA
 ORCHARDS
 ORGANISMS
 PETALS
 PHOTOTROPISM
 PHYTOTRONS
 PLANKTON
 PLANT DISEASES
 PLANT ROOTS
 PLANTING
 PLOWING
 POLLEN
 RAIN FORESTS
 SEEDS
 SPORES
 STEMS
 UTRICLE
 VEGETATION
 VIABILITY
 VINEYARDS
 WOOD

PLANTS (INDUSTRIES)

USE INDUSTRIAL PLANTS

PLASMA ACCELERATION

UF MAGNETOHYDRODYNAMIC
 ACCELERATION
 GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)
 . **PLASMA ACCELERATION**
 RT ∞ ACCELERATION
 PARTICLE ACCELERATION
 PLASMAS (PHYSICS)
 WAVE PROPAGATION
 WAVE-PARTICLE INTERACTIONS

PLASMA ACCELERATORS

GS **PLASMA ACCELERATORS**
 . ALPHA PLASMA DEVICES
 . COAXIAL PLASMA ACCELERATORS
 . CYCLOPS PLASMA ACCELERATOR
 RT ∞ ACCELERATORS
 ELECTROMAGNETIC ACCELERATION
 ION INJECTION
 MAGNETIC ANNULAR ARC
 MAGNETOHYDRODYNAMIC GENERATORS
 PLASMAS (PHYSICS)

PLASMA ANTENNAS

GS ANTENNAS
 . **PLASMA ANTENNAS**
 RT ANTENNA DESIGN
 ANTENNA RADIATION PATTERNS
 PLASMA CYLINDERS
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION

PLASMA ARC CUTTING

RT METAL CUTTING
 METAL WORKING
 PLASMA ARC WELDING
 PLASMA TORCHES
 PLASMAS (PHYSICS)

PLASMA ARC SPRAYING

USE ARC SPRAYING

PLASMA ARC WELDING

GS WELDING
 . FUSION WELDING
 . . . ELECTRIC WELDING
 . . . ARC WELDING
 . . . **PLASMA ARC WELDING**
 RT PLASMA ARC CUTTING
 PLASMA TORCHES
 PLASMAS (PHYSICS)

PLASMA ARCS

USE PLASMA JETS

PLASMA BUBBLES

RT F REGION
 PLASMA DENSITY

PLASMA CHEMISTRY

RT ∞ CHEMISTRY
 NUCLEAR CHEMISTRY
 PLASMAS (PHYSICS)

PLASMA CLOUDS

GS PARTICLES

PLASMA CLOUDS--(cont.)

. CHARGED PARTICLES
 . **PLASMA CLOUDS**
 . . . MAGNETIC CLOUDS
 RT CHEMICAL CLOUDS
 ∞ CLOUDS
 COSMIC PLASMA
 EARTH MAGNETOSPHERE
 GEOMAGNETIC HOLLOW
 HYDROGEN CLOUDS
 INTERPLANETARY MEDIUM
 ION SHEATHS
 PLASMAPAUSE
 PLASMAS (PHYSICS)

PLASMA COMPOSITION

GS COMPOSITION (PROPERTY)
 . **PLASMA COMPOSITION**
 RT ATOM CONCENTRATION
 GAS COMPOSITION
 ION MOTION
 IONOSPHERIC COMPOSITION
 NONEQUILIBRIUM PLASMAS
 NONUNIFORM PLASMAS
 PLASMAS (PHYSICS)
 THOMAS-FERMI MODEL
 URANIUM PLASMAS

PLASMA COMPRESSION

GS COMPRESSING
 . **PLASMA COMPRESSION**
 RT CONTROLLED FUSION
 DENSE PLASMAS
 INERTIAL FUSION (REACTOR)
 MAGNETIC EFFECTS
 MAGNETIC FIELD CONFIGURATIONS
 PINCH EFFECT
 PLASMA FOCUS
 PLASMA PRESSURE
 PLASMAS (PHYSICS)
 STRONGLY COUPLED PLASMAS
 THETA PINCH
 TOKAMAK DEVICES
 ZETA PINCH

PLASMA CONDUCTIVITY

GS ELECTRICAL PROPERTIES
 . ELECTRICAL RESISTIVITY
 . . **PLASMA CONDUCTIVITY**
 TRANSPORT PROPERTIES
 . ELECTRICAL RESISTIVITY
 . **PLASMA CONDUCTIVITY**
 RT COLLISIONAL PLASMAS
 ∞ CONDUCTIVITY
 IONOSPHERIC CONDUCTIVITY
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMAS (PHYSICS)
 STRONGLY COUPLED PLASMAS

PLASMA CONFINEMENT

USE PLASMA CONTROL

PLASMA CONTROL

UF PLASMA CONFINEMENT
 RT BALLOONING MODES
 BETA FACTOR
 BUMPY TORUSES
 CONFINEMENT
 ∞ CONTROL
 CROSSED FIELD GUNS
 CROSSED FIELDS
 ELECTRON-ION RECOMBINATION
 ELLIPTICAL PLASMAS
 HELICAL INDUCERS
 HELICAL WINDINGS
 HELIOTRONS
 LIMITERS (FUSION REACTORS)
 MAGNETIC ANNULAR ARC
 MAGNETIC COMPRESSION
 MAGNETIC FIELD CONFIGURATIONS
 MAGNETIC MIRRORS
 MAGNETICALLY TRAPPED PARTICLES
 MIRROR FUSION
 PINCH EFFECT
 PLASMAS (PHYSICS)
 REVERSE FIELD PINCH
 RIGID ROTORS (PLASMA PHYSICS)
 SCREW PINCH
 SPHEROMAKS
 STELLARATORS
 TANDEM MIRRORS
 THERMAL BARRIERS (PLASMA
 CONTROL)
 TOKAMAK DEVICES
 TOROIDAL PLASMAS

PLASMA CONTROL--(cont.)
 TRANSFORMERS
 TRAP PROGRAM
 TRAPPED MAGNETIC FIELDS
 ZETA PINCH

PLASMA COOLING
 GS COOLING
 . **PLASMA COOLING**
 RT CONTROLLED FUSION
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMAS (PHYSICS)
 TEMPERATURE CONTROL

PLASMA CORE REACTORS
 GS NUCLEAR REACTORS
 . **PLASMA CORE REACTORS**
 RT CRITICAL MASS
 NUCLEAR POWER PLANTS
 NUCLEAR RESEARCH
 PLASMAS (PHYSICS)
 RADIOACTIVE WASTES
 REACTOR CORES
 ∞ REACTORS
 REFLECTORS
 WASTE DISPOSAL

PLASMA CURRENTS
 GS ELECTRIC CURRENT
 . **PLASMA CURRENTS**
 RT BEAM CURRENTS
 CONTROLLED FUSION
 EDDY CURRENTS
 ELECTRIC DISCHARGES
 ELECTRICAL RESISTIVITY
 FIELD ALIGNED CURRENTS
 HIGH CURRENT
 IONOSPHERIC CURRENTS
 LINE CURRENT
 LOW CURRENTS
 MAGNETOHYDRODYNAMICS
 PLASMA-PARTICLE INTERACTIONS
 PLASMAS (PHYSICS)
 RING CURRENTS
 SPHEROMAKS
 TOROIDAL PLASMAS

PLASMA CYLINDERS
 GS **PLASMA CYLINDERS**
 . CYLINDRICAL PLASMAS
 RT ∞ CYLINDERS
 CYLINDRICAL BODIES
 CYLINDRICAL SHELLS
 PLASMA ANTENNAS
 PLASMA GUIDES
 PLASMAS (PHYSICS)

PLASMA DECAY
 GS DECAY
 . **PLASMA DECAY**
 RT AFTERGLOWS
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 HELIUM AFTERGLOW
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMAS (PHYSICS)

PLASMA DENSITY
 GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . **PLASMA DENSITY**
 RT ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 CAVITONS
 COLLISIONAL PLASMAS
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON-HOLE DROPS
 ION DENSITY (CONCENTRATION)
 MAGNETOPLASMA DYNAMICS
 MAGNETOSPHERIC ELECTRON DENSITY
 MAGNETOSPHERIC ION DENSITY
 MAGNETOSPHERIC PROTON DENSITY
 PLASMA BUBBLES
 PLASMA DRIFT
 PLASMA PRESSURE
 PLASMAS (PHYSICS)
 PROTON DENSITY (CONCENTRATION)
 SPACE DENSITY
 SPACE PLASMAS
 STRONGLY COUPLED PLASMAS

PLASMA DIAGNOSTICS
 RT FABRY-PEROT INTERFEROMETERS
 MICROWAVE INTERFEROMETERS
 OPEN PROJECT

PLASMA DIAGNOSTICS--(cont.)
 PLASMAS (PHYSICS)
 RESONANCE PROBES
 SPACE PLASMAS

PLASMA DIFFUSION
 UF PLASMA DISPERSION
 GS DIFFUSION
 . **PLASMA DIFFUSION**
 RT AMBIPOLAR DIFFUSION
 COLLOIDAL GENERATORS
 DIFFUSION WAVES
 ELECTRON DIFFUSION
 GASEOUS SELF-DIFFUSION
 ION MOTION
 IONIC DIFFUSION
 PLASMAS (PHYSICS)

PLASMA DIODES
 GS ELECTRONIC EQUIPMENT
 . DIODES
 . **PLASMA DIODES**
 RT CESIUM DIODES
 PLASMAS (PHYSICS)

PLASMA DISCHARGES
 USE PLASMA JETS

PLASMA DISPERSION
 USE PLASMA DIFFUSION

PLASMA DISPLAY DEVICES
 GS DISPLAY DEVICES
 . **PLASMA DISPLAY DEVICES**
 RT ∞ DEVICES
 GAS IONIZATION
 GLOW DISCHARGES
 LIGHT SOURCES
 PLASMAS (PHYSICS)

PLASMA DRIFT
 RT MAGNETOHYDRODYNAMIC STABILITY
 PLASMA DENSITY
 PLASMA WAVES
 PLASMAS (PHYSICS)

PLASMA DYNAMICS
 UF SNOWFLOW EFFECT
 RT ∞ DYNAMICS
 HYDRODYNAMIC EQUATIONS
 MAGNETOHYDRODYNAMICS
 PLASMAS (PHYSICS)

PLASMA ELECTRODES
 GS ELECTRODES
 . **PLASMA ELECTRODES**
 RT HOT-WIRE FLOWMETERS
 PLASMA GUIDES
 PLASMATRONS
 ZETA PINCH

PLASMA ENGINES
 GS PLASMA POWER SOURCES
 . **PLASMA ENGINES**
 . TWO STAGE PLASMA ENGINES
 RT ARC JET ENGINES
 COAXIAL PLASMA ACCELERATORS
 HIGH TEMPERATURE PROPELLANTS
 ION ENGINES
 MERCURY ION ENGINES
 PLASMAS (PHYSICS)
 PULSED JET ENGINES
 RESISTOJET ENGINES
 RIT ENGINES

PLASMA EQUILIBRIUM
 RT BALLOONING MODES
 BETA FACTOR
 CONFINEMENT
 ELECTRON-HOLE DROPS
 ∞ EQUILIBRIUM
 EQUILIBRIUM FLOW
 MAGNETIC MIRRORS
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMAS (PHYSICS)
 STRONGLY COUPLED PLASMAS

PLASMA ETCHING
 RT PLASMAS (PHYSICS)
 SPUTTERING

PLASMA FLOW
 USE MAGNETOHYDRODYNAMIC FLOW

PLASMA FLUX MEASUREMENT
 RT INTERFEROMETRY
 MAGNETOHYDRODYNAMIC FLOW
 MICROWAVE PLASMA PROBES
 PLASMAS (PHYSICS)
 ROTATING PLASMAS
 SPECKLE INTERFEROMETRY

PLASMA FOCUS
 GS FOCI
 . **PLASMA FOCUS**
 . PARTICLES
 . CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 DENSE PLASMAS
 **PLASMA FOCUS**
 RT NUCLEAR FUSION
 PLASMA COMPRESSION
 STRONGLY COUPLED PLASMAS
 ZETA PINCH

PLASMA FREQUENCIES
 GS FREQUENCIES
 . **PLASMA FREQUENCIES**
 RT ELECTRON DENSITY (CONCENTRATION)
 ELECTROSTATIC PROBES
 FREE ELECTRONS
 PLASMAS (PHYSICS)
 PLASMONS

PLASMA GENERATION
 USE PLASMA GENERATORS

PLASMA GENERATORS
 SN (EXCLUDES MAGNETOHYDRODYNAMIC
 OR THERMONUCLEAR GENERATORS OF
 ELECTRIC POWER)
 UF PLASMA GENERATION
 GS **PLASMA GENERATORS**
 . PLASMA GUNS
 . PLASMATRONS
 . DUOPLASMATRONS
 . SCYLLA
 . TOKAMAK DEVICES
 JOINT EUROPEAN TORUS
 RT ARC CHAMBERS
 ARC GENERATORS
 CLOSED CYCLES
 COLLOIDAL GENERATORS
 ELECTRIC ARCS
 EXPLODING WIRES
 ∞ GENERATORS
 HALL GENERATORS
 HIGH TEMPERATURE RESEARCH
 ION INJECTION
 ION SOURCES
 MAGNETOHYDRODYNAMIC GENERATORS
 PENNING DISCHARGE
 PLASMAS (PHYSICS)
 PULSE GENERATORS
 THERMAL PLASMAS
 THERMONUCLEAR POWER GENERATION
 WIND TUNNEL DRIVES

PLASMA GUNS
 GS PLASMA GENERATORS
 . **PLASMA GUNS**
 RT COAXIAL PLASMA ACCELERATORS
 CROSSED FIELD GUNS
 ELECTRON GUNS
 ∞ GUNS
 MAGNETIC LENSES
 PLASMAS (PHYSICS)
 PLASMATRONS

PLASMA HEATING
 GS HEATING
 . **PLASMA HEATING**
 ELECTRON CYCLOTRON HEATING
 RT ARC HEATING
 BEAM INJECTION
 BETA FACTOR
 BUMPY TORUSES
 ENERGY TRANSFER
 GAS HEATING
 INDUCTION HEATING
 IONOSPHERIC HEATING
 KINETIC HEATING
 MAGNETIC PUMPING
 MAGNETOHYDRODYNAMIC SHEAR
 HEATING
 PLASMA TEMPERATURE
 PLASMAS (PHYSICS)
 RADIO FREQUENCY HEATING

- PLASMA HEATING--(cont.)**
RELATIVISTIC ELECTRON BEAMS
SHOCK HEATING
- PLASMA INSTABILITY**
USE MAGNETOHYDRODYNAMIC STABILITY
- PLASMA INTERACTION EXPERIMENT**
UF PIX
GS PAYLOADS
. SPACE SHUTTLE PAYLOADS
. **PLASMA INTERACTION EXPERIMENT**
SPACEBORNE EXPERIMENTS
. **PLASMA INTERACTION EXPERIMENT**
RT ∞ INTERACTIONS
LANDSAT 3
PLASMAS (PHYSICS)
SPACE DENSITY
SPHINX
- PLASMA INTERACTIONS**
GS **PLASMA INTERACTIONS**
. PLASMA-ELECTROMAGNETIC
INTERACTION
. LASER PLASMA INTERACTIONS
. PLASMA-PARTICLE INTERACTIONS
RT ∞ INTERACTIONS
PLASMAS (PHYSICS)
SOLAR PLANETARY INTERACTIONS
SPACE PLASMAS
WAVE INTERACTION
WAVE-PARTICLE INTERACTIONS
WEIBEL INSTABILITY
- PLASMA JET SYNTHESIS**
RT CHEMICAL REACTIONS
PLASMAS (PHYSICS)
∞ SYNTHESIS
- PLASMA JET WIND TUNNELS**
UF HYDRODYNAMIC TUNNELS
GS TEST FACILITIES
. WIND TUNNELS
. HYPERSONIC WIND TUNNELS
. **PLASMA JET WIND TUNNELS**
. HYPERVELOCITY WIND TUNNELS
. **PLASMA JET WIND TUNNELS**
RT PLASMAS (PHYSICS)
- PLASMA JETS**
UF PLASMA ARCS
PLASMA DISCHARGES
GS PARTICLES
. CHARGED PARTICLES
. **PLASMA JETS**
. RADIO JETS (ASTRONOMY)
RT ∞ ARCS
CROSSED FIELD GUNS
DROP TRANSFER
ELECTRON BEAMS
ELECTRON BOMBARDMENT
FLUID JETS
ION INJECTION
∞ JETS
LOW DENSITY WIND TUNNELS
MAGNETIC LENSES
PLASMA TORCHES
PLASMAS (PHYSICS)
PLASMATRONS
PULSE DIFFRACTION
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PLASMAS
TOROIDAL DISCHARGE
VAPOR JETS
- PLASMA LAYERS**
GS PARTICLES
. CHARGED PARTICLES
. **PLASMA LAYERS**
. PLASMA SHEATHS
RT ATMOSPHERIC STRATIFICATION
∞ LAYERS
PLASMAS (PHYSICS)
SPACE PLASMAS
∞ TRANSITION LAYERS
- PLASMA LIFETIME**
GS LIFE (DURABILITY)
. **PLASMA LIFETIME**
RT MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
- PLASMA LOSS**
RT LIMITERS (FUSION REACTORS)
- PLASMA LOSS--(cont.)**
LOSSES
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
- PLASMA OSCILLATIONS**
UF ION OSCILLATION
PLASMA PERTURBATION
OSCILLATIONS
. **PLASMA OSCILLATIONS**
RT ELECTRON OSCILLATIONS
ION ACOUSTIC WAVES
NONUNIFORM PLASMAS
PLASMAPAUSE
PLASMAS (PHYSICS)
PLASMONS
- PLASMA PERTURBATION**
USE PLASMA OSCILLATIONS
- PLASMA PHYSICS**
UF PLASMA THEORY
GS RIGID ROTORS (PLASMA PHYSICS)
RT **PLASMA PHYSICS**
ALPHA PLASMA DEVICES
BBGKY HIERARCHY
BETA FACTOR
BOUNDARY LAYER PLASMAS
CAVITONS
CONTROLLED FUSION
ELECTRON RUNAWAY (PLASMA
PHYSICS)
GRAND UNIFIED THEORY
HALL ACCELERATORS
INSTANTONS
LARMOR RADIUS
LIOUVILLE EQUATIONS
MAGNETIC FIELD CONFIGURATIONS
MAGNETOHYDRODYNAMICS
MAGNETOHYDROSTATICS
NEGATIVE IONS
NEUTRAL SHEETS
OPEN PROJECT
∞ PHYSICS
PLASMAPAUSE
PLASMAS (PHYSICS)
RADIATION TRAPPING
∞ SCIENCE
SEMICONDUCTOR PLASMAS
SPACE PLASMAS
THEORETICAL PHYSICS
THERMODYNAMICS
TOKAMAK DEVICES
UNIFIED FIELD THEORY
URANIUM PLASMAS
- PLASMA PINCH**
GS PINCH EFFECT
. **PLASMA PINCH**
. SCREW PINCH
. THETA PINCH
. ZETA PINCH
RT MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
Q DEVICES
- PLASMA POTENTIALS**
GS POTENTIAL ENERGY
. **PLASMA POTENTIALS**
RT DEBYE-HUCKEL THEORY
MAGNETOHYDRODYNAMIC STABILITY
NONEQUILIBRIUM PLASMAS
PLASMAS (PHYSICS)
∞ POTENTIAL
- PLASMA POWER SOURCES**
GS **PLASMA POWER SOURCES**
. PLASMA ENGINES
. TWO STAGE PLASMA ENGINES
RT ELECTRIC PROPULSION
∞ ENERGY SOURCES
PLASMAS (PHYSICS)
∞ POWER SUPPLIES
THERMIONIC CONVERTERS
- PLASMA PRESSURE**
GS PRESSURE
. **PLASMA PRESSURE**
RT PLASMA COMPRESSION
PLASMA DENSITY
PLASMAS (PHYSICS)
- PLASMA PROBES**
GS MEASURING INSTRUMENTS
PLASMA PROBES
- PLASMA PROBES--(cont.)**
RT ELECTROSTATIC PROBES
ION SHEATHS
PLASMAPUIDES
PLASMAS (PHYSICS)
RADIO FREQUENCY IMPEDANCE
PROBES
- PLASMA PROPULSION**
GS PROPULSION
. ELECTRIC PROPULSION
. **PLASMA PROPULSION**
. LOW THRUST PROPULSION
. **PLASMA PROPULSION**
. SPACECRAFT PROPULSION
. **PLASMA PROPULSION**
RT DUOPLASMATRONS
ELECTROMAGNETIC PROPULSION
ELECTROSTATIC PROPULSION
GASEOUS FISSION REACTORS
ION PROPULSION
MAGNETIC ANNULAR ARC
MAGNETOHYDRODYNAMICS
MAGNETOPLASMA DYNAMICS
NUCLEAR ELECTRIC PROPULSION
PLASMAS (PHYSICS)
PLASMATRONS
- PLASMA PUMPING**
RT GAS INJECTION
MOLECULAR PUMPS
PLASMAS (PHYSICS)
∞ PUMPING
- PLASMA RADIATION**
RT ELECTRON RADIATION
FLUORESCENCE
GLOW DISCHARGES
ION CYCLOTRON RADIATION
LASER INDUCED FLUORESCENCE
LUMINESCENCE
NONEQUILIBRIUM PLASMAS
OPTICAL RESONANCE
PHOSPHORESCENCE
PLASMAS (PHYSICS)
POLARIZED RADIATION
∞ RADIATION
RELATIVISTIC PLASMAS
- PLASMA RENIN ACTIVITY**
USE IMMUNOASSAY
- PLASMA RESONANCE**
GS RESONANCE
. **PLASMA RESONANCE**
RT CAVITONS
CYCLOTRON RESONANCE
ELECTROMAGNETIC INTERACTIONS
PLASMAS (PHYSICS)
RESONANCE LINES
RESONANCE PROBES
- PLASMA RINGS**
USE TOROIDAL PLASMAS
- PLASMA SHEATHS**
GS PARTICLES
. CHARGED PARTICLES
. PLASMA LAYERS
. **PLASMA SHEATHS**
SHEATHS
RT **PLASMA SHEATHS**
BLACKOUT (PROPAGATION)
BOUNDARY LAYER PLASMAS
ION SHEATHS
MAGNETOHYDRODYNAMIC SHEAR
HEATING
MAGNETOSHEATH
METALLIC PLASMAS
MISSILES
NONEQUILIBRIUM PLASMAS
PLASMAS (PHYSICS)
REENTRY COMMUNICATION
REENTRY EFFECTS
REENTRY PHYSICS
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
UNCONTROLLED REENTRY
(SPACECRAFT)
- PLASMA SLABS**
GS PARTICLES
. CHARGED PARTICLES
. **PLASMA SLABS**
RT MAGNETOHYDRODYNAMIC STABILITY

PLASMA SLABS--(cont.)
PLASMAS (PHYSICS)

PLASMA SOUND WAVES
USE MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES

PLASMA SPECTRA
GS SPECTRA
RT . **PLASMA SPECTRA**
EMISSION SPECTRA
ENERGY SPECTRA
OPTICAL RESONANCE
PLASMAS (PHYSICS)
RADIATION SPECTRA

PLASMA SPRAYING
GS SPRAYING
RT . **PLASMA SPRAYING**
COATING
COATINGS
FLAME SPRAYING
METAL MATRIX COMPOSITES
PLASMAS (PHYSICS)
SPRAYED COATINGS

PLASMA STABILITY
USE MAGNETOHYDRODYNAMIC STABILITY

PLASMA TEMPERATURE
GS TEMPERATURE
RT . **PLASMA TEMPERATURE**
ION TEMPERATURE
MAGNETOHYDRODYNAMIC STABILITY
PLASMA HEATING
PLASMAS (PHYSICS)
THERMAL PLASMAS

PLASMA THEORY
USE PLASMA PHYSICS

PLASMA TORCHES
RT PLASMA ARC CUTTING
PLASMA ARC WELDING
PLASMA JETS
PLASMAS (PHYSICS)

PLASMA TURBULENCE
GS TURBULENCE
MAGNETOHYDRODYNAMIC
TURBULENCE
RT . **PLASMA TURBULENCE**
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)

PLASMA WAVES
UF PLASMA SOUND WAVES
GS ELASTIC WAVES
MAGNETOHYDRODYNAMIC WAVES
RT . **PLASMA WAVES**
ELECTROSTATIC WAVES
COLLISIONAL PLASMAS
DIFFUSION WAVES
ELECTROACOUSTIC WAVES
ELECTRON PLASMA
ION ACOUSTIC WAVES
ION CYCLOTRON RADIATION
IONIC WAVES
LANDAU DAMPING
MAGNETOACOUSTIC WAVES
MAGNETOELASTIC WAVES
NONUNIFORM PLASMAS
PLASMA DRIFT
PLASMAS (PHYSICS)
SHOCK WAVES
SPACE PLASMAS
WAVE PACKETS
WAVE-PARTICLE INTERACTIONS

PLASMA-ELECTROMAGNETIC INTERACTION
GS ELECTROMAGNETIC INTERACTIONS
PLASMA-ELECTROMAGNETIC
INTERACTION
LASER PLASMA INTERACTIONS
PLASMA INTERACTIONS
PLASMA-ELECTROMAGNETIC
INTERACTION
RT . LASER PLASMA INTERACTIONS
ELECTROMAGNETIC COUPLING
INTERACTIONS
PLASMAS (PHYSICS)
SPACE PLASMAS
WAVE-PARTICLE INTERACTIONS

PLASMA-PARTICLE INTERACTIONS
GS PARTICLE INTERACTIONS
PLASMA-PARTICLE INTERACTIONS
PLASMA INTERACTIONS
RT . **PLASMA-PARTICLE INTERACTIONS**
BEAM INJECTION
BEAM PLASMA AMPLIFIERS
CHARGE EXCHANGE
ELECTRON PHONON INTERACTIONS
ELECTRON PLASMA
INTERACTIONS
PARTICLE THEORY
PLASMA CURRENTS
PLASMAS (PHYSICS)
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PLASMAS
SPHINX
WAVE-PARTICLE INTERACTIONS

PLASMA DYNAMIC LASERS
GS STIMULATED EMISSION DEVICES
LASERS
RT . **PLASMA DYNAMIC LASERS**
COHERENT LIGHT
GAS DYNAMIC LASERS
LASER APPLICATIONS
PLASMAS (PHYSICS)

PLASMA GUIDES
GS WAVEGUIDES
RT . **PLASMA GUIDES**
BEAM WAVEGUIDES
EARTH-IONOSPHERE WAVEGUIDE
ELECTROMAGNETIC WAVE
TRANSMISSION
MICROWAVE PLASMA PROBES
PLASMA CYLINDERS
PLASMA ELECTRODES
PLASMA PROBES
PLASMAS (PHYSICS)
WAVE PROPAGATION

PLASMA PAUSE
SN (LIMITED TO EARTH'S ATMOSPHERE)
RT COSMIC PLASMA
EARTH MAGNETOSPHERE
IONOSPHERE
PLASMA CLOUDS
PLASMA OSCILLATIONS
PLASMA PHYSICS
PLASMAS (PHYSICS)
SOLAR WIND

PLASMAS (PHYSICS)
SN (LIMITED TO COMPLETELY IONIZED
MATTER; FOR PARTIALLY IONIZED
GASES SEE IONIZED GASES)
UF ELECTROSTATIC PLASMA
IONIZED PLASMAS
MAGNETOIONIC PLASMA
MAGNETOPLASMAS
PLASMOIDS
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELECTRON-POSITRON PLASMAS
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
HYDROGEN PLASMA
DEUTERIUM PLASMA
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
OXYGEN PLASMA
RAREFIED PLASMAS
RELATIVISTIC PLASMAS

PLASMAS (PHYSICS)--(cont.)
ROTATING PLASMAS
SEMICONDUCTOR PLASMAS
SPACE PLASMAS
SOLAR WIND
STELLAR WINDS
SPHERICAL PLASMAS
THERMAL PLASMAS
TOROIDAL PLASMAS
RT ALPHA PLASMA DEVICES
BEAM PLASMA AMPLIFIERS
BLACKOUT (PROPAGATION)
CHEMICAL ELEMENTS
COMBUSTION PHYSICS
CORE FLOW
CYCLOPS PLASMA ACCELERATOR
DEBYE LENGTH
DEUTERON IRRADIATION
DEUTERONS
DUOPLASMATRONS
ELECTRIC ARCS
ELECTRON ENERGY
GASES
HIGH TEMPERATURE FLUIDS
IONIZED GASES
IONS
KELVIN-HELMHOLTZ INSTABILITY
LANDAU FACTOR
LASER FUSION
LASER PLASMA INTERACTIONS
LIGHT IONS
LIOUVILLE EQUATIONS
LOW DENSITY RESEARCH
MAGNETIC COMPRESSION
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
MAGNETOIONICS
MICROWAVE PLASMA PROBES
NEUTRAL GASES
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
PHYSICS
PLASMA ACCELERATION
PLASMA ACCELERATORS
PLASMA ARC CUTTING
PLASMA ARC WELDING
PLASMA CHEMISTRY
PLASMA CLOUDS
PLASMA COMPOSITION
PLASMA COMPRESSION
PLASMA CONDUCTIVITY
PLASMA CONTROL
PLASMA COOLING
PLASMA CORE REACTORS
PLASMA CURRENTS
PLASMA CYLINDERS
PLASMA DECAY
PLASMA DENSITY
PLASMA DIAGNOSTICS
PLASMA DIFFUSION
PLASMA DIODES
PLASMA DISPLAY DEVICES
PLASMA DRIFT
PLASMA DYNAMICS
PLASMA ENGINES
PLASMA EQUILIBRIUM
PLASMA ETCHING
PLASMA FLUX MEASUREMENT
PLASMA FREQUENCIES
PLASMA GENERATORS
PLASMA GUNS
PLASMA HEATING
PLASMA INTERACTION EXPERIMENT
PLASMA INTERACTIONS
PLASMA JET SYNTHESIS
PLASMA JET WIND TUNNELS
PLASMA JETS
PLASMA LAYERS
PLASMA LIFETIME
PLASMA LOSS
PLASMA OSCILLATIONS
PLASMA PHYSICS
PLASMA PINCH
PLASMA POTENTIALS
PLASMA POWER SOURCES
PLASMA PRESSURE
PLASMA PROBES
PLASMA PROPULSION
PLASMA PUMPING
PLASMA RADIATION
PLASMA RESONANCE
PLASMA SHEATHS
PLASMA SLABS
PLASMA SPECTRA
PLASMA SPRAYING

PLASMAS (PHYSICS)--(cont.)

PLASMA TEMPERATURE
 PLASMA TORCHES
 PLASMA TURBULENCE
 PLASMA WAVES
 PLASMA-ELECTROMAGNETIC INTERACTION
 PLASMA-PARTICLE INTERACTIONS
 PLASMA DYNAMIC LASERS
 PLASMA GUIDES
 PLASMA PAUSE
 PLASMA SPHERE
 PLASMA TRONS
 RADIATION BELTS
 RAREFIED GAS DYNAMICS
 SCYLLA
 SOLAR PHYSICS
 SPACE CHARGE
 SPHINX
 STELLAR MAGNETIC FIELDS
 TEARING MODES (PLASMAS)
 THERMAL DISSOCIATION
 THERMODYNAMICS
 THERMONUCLEAR REACTIONS
 TWO STAGE PLASMA ENGINES

PLASMAS-IN-SPACE PAYLOAD

USE AMPS (SATELLITE PAYLOAD)

PLASMASPHERE

RT ATMOSPHERIC IONIZATION
 CHEMOSPHERE
 EARTH ATMOSPHERE
 EARTH MAGNETOSPHERE
 OPEN PROJECT
 PLASMAS (PHYSICS)
 UPPER ATMOSPHERE

PLASMATRONS

GS ION SOURCES
 . PLASMATRONS
 . DUOPLASMATRONS
 PLASMA GENERATORS
 . PLASMATRONS
 . DUOPLASMATRONS
 RT PLASMA ELECTRODES
 PLASMA GUNS
 PLASMA JETS
 PLASMA PROPULSION
 PLASMAS (PHYSICS)

PLASMOIDS

USE PLASMAS (PHYSICS)

PLASMOLYSIS

RT CELLS (BIOLOGY)
 CYTOLOGY
 DEHYDRATION

PLASMONS

SN (EXCLUDES ORGANIC CYTOPLASMIC CONDITIONS)
 GS ELECTROMAGNETIC RADIATION
 . PLASMONS
 ELEMENTARY EXCITATIONS
 . PLASMONS
 POLARITONS
 . PLASMONS
 RT ELECTRON GAS
 EXCITONS
 MAGNETO HYDRODYNAMIC STABILITY
 MAGNONS
 PHONONS
 PLASMA FREQUENCIES
 PLASMA OSCILLATIONS
 POLARONS

PLASTERS

GS PLASTERS
 . GYPSUM
 . PARAPLASTS
 RT CASTS
 GROUT
 MOLDING MATERIALS
 MORTARS (MATERIAL)
 PASTES

PLASTIC AIRCRAFT STRUCTURES

GS AIRCRAFT STRUCTURES
 . PLASTIC AIRCRAFT STRUCTURES
 RT AIRCRAFT CONSTRUCTION MATERIALS
 AIRCRAFT SURVIVABILITY
 BORON-EPOXY COMPOSITES
 GLASS FIBER REINFORCED PLASTICS
 PLASTICS

PLASTIC ANISOTROPY

GS ANISOTROPY
 . PLASTIC ANISOTROPY
 . . ELASTIC ANISOTROPY
 RT VISCOPLASTICITY

PLASTIC BODIES

RT BEAMS (SUPPORTS)
 . BODIES
 . CYLINDRICAL BODIES
 ELASTIC BODIES
 ELASTIC PLATES
 ELASTOPLASTICITY
 PLASTIC PROPERTIES
 PLASTIC SHELLS
 RIGID STRUCTURES

PLASTIC COATINGS

GS COATINGS
 . PLASTIC COATINGS
 RT ANTIRADAR COATINGS
 ENCAPSULATING
 POLYMERIC FILMS
 PROTECTIVE COATINGS
 SPRAYED COATINGS

PLASTIC DEFORMATION

UF LUDER BANDS
 PLASTIC YIELDING
 STRAIN SOFTENING
 GS DEFORMATION
 . PLASTIC DEFORMATION
 RT . BANDS
 . BENDING
 BORDONI PEAKS
 CREEP PROPERTIES
 CREEP TESTS
 ELASTIC DEFORMATION
 ELONGATION
 J INTEGRAL
 PLANE STRAIN
 SAINT VENANT PRINCIPLE
 SHEAR CREEP
 . SLIP
 STRAIN DISTRIBUTION
 STRESS PROPAGATION
 STRESS RELAXATION
 STRESS-STRAIN RELATIONSHIPS
 STRETCHING
 STRUCTURAL STRAIN
 SUPERPLASTICITY
 TEMPERATURE INVERSIONS
 TENSILE CREEP
 TENSILE DEFORMATION
 THERMOMECHANICAL TREATMENT
 WARPAGE
 WORK SOFTENING
 YIELD STRENGTH

PLASTIC FILMS

USE POLYMERIC FILMS

PLASTIC FLOW

GS FLUID FLOW
 . PLASTIC FLOW
 . . TRESCA FLOW
 RT CREEP PROPERTIES
 . FLOW
 INTERNAL FRICTION
 RHEOLOGY
 SHEAR FLOW
 STEADY STATE CREEP
 STRESS RELAXATION
 SUPERPLASTICITY
 VISCOELASTICITY
 VISCOPLASTICITY

PLASTIC MEMORY

RT SHAPE MEMORY ALLOYS
 STRESS RELAXATION

PLASTIC PLATES

SN (STRUCTURAL PLATES EXHIBITING PLASTIC PROPERTIES)
 GS STRUCTURAL MEMBERS
 . PLATES (STRUCTURAL MEMBERS)
 . PLASTIC PLATES
 RT ELASTIC PLATES
 ELASTOPLASTICITY
 REINFORCED PLATES

PLASTIC PROPELLANTS

GS PROPELLANTS
 . SOLID PROPELLANTS
 . . PLASTIC PROPELLANTS

PLASTIC PROPELLANTS--(cont.)

RT CHEMICAL FUELS
 COMPOSITE PROPELLANTS
 EXPLOSIVES
 GELLED PROPELLANTS
 HTPB PROPELLANTS
 MONOPROPELLANTS
 PLASTICIZERS
 POLYBUTADIENE TETRANITRAMINE
 PYROTECHNICS

PLASTIC PROPERTIES

UF PLASTICITY
 GS MECHANICAL PROPERTIES
 . PLASTIC PROPERTIES
 . . ELASTOPLASTICITY
 . . PHOTOPLASTICITY
 . . SUPERPLASTICITY
 . . THERMOPLASTICITY
 . . VISCOPLASTICITY
 . . YIELD POINT
 RT COHESION
 COLD FLOW TESTS
 DUCTILITY
 ELASTIC PROPERTIES
 FATIGUE (MATERIALS)
 FLEXIBILITY
 HARDNESS
 INFLUENCE COEFFICIENT
 METHOD OF CHARACTERISTICS
 PLASTIC BODIES
 . PROPERTIES
 . RHEOLOGY
 . SEMISOLIDS
 . STRESS RELAXATION
 . STRESS TENSORS
 . STRUCTURAL STABILITY

PLASTIC SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . PLASTIC SHELLS
 RT CYLINDRICAL SHELLS
 ELASTIC SHELLS
 ELASTOPLASTICITY
 PLASTIC BODIES
 REINFORCED SHELLS
 SHELL STABILITY

PLASTIC TAPES

RT ADHESIVES
 MAGNETIC TAPES
 . TAPES

PLASTIC YIELDING

USE PLASTIC DEFORMATION

PLASTICITY

USE PLASTIC PROPERTIES

PLASTICIZERS

UF CASTING SOLVENTS
 ELASTICIZERS
 GS ADDITIVES
 . PLASTICIZERS
 RT CASE BONDED PROPELLANTS
 COATINGS
 DOMINO PROPELLANTS
 ESTERS
 PLASTIC PROPELLANTS
 PROPELLANT ADDITIVES
 SKYDROL (TRADEMARK)
 SOLID PROPELLANTS
 SOLID ROCKET BINDERS
 SURFACTANTS
 TRIACETIN

PLASTICS

GS PLASTICS
 . DELRIN (TRADEMARK)
 . PERSPEX (TRADEMARK)
 . POLYBUTADIENE
 . POLYETHYLENES
 . . POLYETHYLENE TEREPHTHALATE
 . POLYISOBUTYLENE
 . POLYPROPYLENE
 . POLYSTYRENE
 . . STYROFOAM (TRADEMARK)
 . POLYTETRAFLUOROETHYLENE
 . . TEFLON (TRADEMARK)
 . POLYVINYL ALCOHOL
 . POLYVINYL CHLORIDE
 . POLYVINYL FLUORIDE
 . REINFORCED PLASTICS
 . . CARBON FIBER REINFORCED PLASTICS

PLASTICS--(cont.)

- .. GLASS FIBER REINFORCED PLASTICS
- .. MICARTA
- .. SYNTHETIC RESINS
- .. ADDITION RESINS
- .. ACRYLIC RESINS
- .. VINYL COPOLYMERS
- .. POLYESTER RESINS
- .. POLYETHER RESINS
- .. PEEK
- .. POLYMETHYL METHACRYLATE
- .. THERMOPLASTIC RESINS
- .. PEEK
- .. QUINOXALINES
- .. THERMOPLASTIC FILMS
- .. THERMOSETTING RESINS
- .. EPOXY RESINS
- .. PHENOLIC EPOXY RESINS
- .. FURAN RESINS
- .. POLYAMIDE RESINS
- .. KEVLAR (TRADEMARK)
- .. PHENOLIC RESINS
- .. MICARTA
- .. PHENOLIC EPOXY RESINS
- RT ACRYLONITRILES
- ARAMID FIBERS
- BORON REINFORCED MATERIALS
- ∞ CONSTRUCTION MATERIALS
- ELASTOMERS
- FLUOROPOLYMERS
- FURANS
- INJECTION MOLDING
- ION EXCHANGE RESINS
- KAPTON (TRADEMARK)
- ∞ MATERIALS SCIENCE
- MOLDING MATERIALS
- ORGANIC MATERIALS
- PETROLEUM PRODUCTS
- PLASTIC AIRCRAFT STRUCTURES
- ∞ POLYMERS
- SHEET MOLDING COMPOUNDS
- TETRAHYDROFURAN
- THIOPLASTICS

PLASTISOLS

- GS MIXTURES
- .. DISPERSIONS
- .. PLASTISOLS
- .. SMOKE
- RT COLLOIDS
- COMPOSITE PROPELLANTS
- DOUBLE BASE PROPELLANTS
- RESINS

PLAT SYSTEM

- UF PILOT LANDING AID TELEVISION
- SYSTEM
- GS COMMUNICATION EQUIPMENT
- .. PLAT SYSTEM
- TELECOMMUNICATION
- .. PLAT SYSTEM
- TELEVISION SYSTEMS
- .. PLAT SYSTEM
- TELEVISION SYSTEMS
- RT LANDING AIDS
- ∞ SYSTEMS

PLATE (METAL)

- USE METAL PLATES

PLATE THEORY

- RT FLAT PLATES
- STRUCTURAL ANALYSIS
- ∞ THEORIES

PLATEAUS

- GS LANDFORMS
- .. TERRACES (LANDFORMS)
- .. PLATEAUS
- .. ALLEGHENY PLATEAU (US)
- .. COLORADO PLATEAU (US)
- .. MESAS
- .. BUTTES
- .. PIEDMONT
- .. CENTRAL PIEDMONT (US)
- RT APEXES
- EROSION
- HIGHLANDS
- ∞ PEAKS
- PLAINS
- STRATIGRAPHY

PLATELETS

- RT BLOOD COAGULATION
- BLOOD GROUPS
- HISTOLOGY

PLATELETS--(cont.)

- THROMBOPLASTIN

PLATENS

- RT ∞ PLATES
- PRESSES
- ∞ PRESSING
- PUNCHES
- RAMS (PRESSES)
- ROLLERS
- TOOLS
- ∞ PLATES
- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CORRUGATING
- DISKS (SHAPES)
- FLAT PLATES
- METAL COATINGS
- METAL PLATES
- MICROCHANNEL PLATES
- PANELS
- PARALLEL PLATES
- PHOTOGRAPHIC PLATES
- PLATENS
- PLATES (STRUCTURAL MEMBERS)
- PLATING
- RECTANGULAR PLATES
- SCATTER PLATES (OPTICS)
- THICK PLATES
- THIN PLATES
- TRAYS

PLATES (STRUCTURAL MEMBERS)

- GS STRUCTURAL MEMBERS
- .. PLATES (STRUCTURAL MEMBERS)
- .. ANISOTROPIC PLATES
- .. ANNULAR PLATES
- .. CANTILEVER PLATES
- .. CIRCULAR PLATES
- .. CORRUGATED PLATES
- .. ELASTIC PLATES
- .. END PLATES
- .. GIRDER WEBS
- .. METAL PLATES
- .. BOILER PLATE
- .. ORTHOTROPIC PLATES
- .. PERFORATED PLATES
- .. PLASTIC PLATES
- .. POROUS PLATES
- .. RECTANGULAR PLATES
- .. REINFORCED PLATES
- RT FLAT PLATES
- GIRDERS
- METAL SHEETS
- ORTHOTROPISM
- ∞ PLATES
- REISSNER THEORY
- SLABS
- THICK PLATES
- THIN PLATES

PLATES (TECTONICS)

- RT EARTH CRUST
- EARTH MANTLE
- EARTH PLANETARY STRUCTURE
- EARTHQUAKES
- GEOLOGICAL FAULTS
- GEOPHYSICS
- LITHOSPHERE
- SEA FLOOR SPREADING
- STRUCTURAL PROPERTIES (GEOLOGY)
- SUBDUCTION (GEOLOGY)
- TECTONICS

∞ PLATFORMS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT FLIGHT MECHANICS
- FLOORS
- FLYING PLATFORMS
- GUIDANCE (MOTION)
- INERTIAL PLATFORMS
- LANDFORMS
- LAUNCHING PADS
- OFFSHORE PLATFORMS
- SLABS
- SOLETTAS
- SPACE PLATFORMS
- SPACE STATIONS
- STABILIZED PLATFORMS
- SUPPORTS
- SYNCHRONOUS PLATFORMS

PLATING

- GS PLATING
- .. ELECTROPLATING
- .. FLAME PLATING
- .. ION PLATING
- .. NICKEL PLATE
- RT ANODIC STRIPPING
- CATHODIC COATINGS
- CLADDING
- DEPOSITION
- DEPOSITS
- ELECTRODEPOSITION
- ELECTROLESS DEPOSITION
- FINISHES
- LAMINATES
- METAL COATINGS
- METAL FINISHING
- METALLIZING
- ∞ PLATES
- PROTECTIVE COATINGS
- SUBSTRATES
- THIN FILMS

PLATINUM

- GS CHEMICAL ELEMENTS
- .. PLATINUM
- .. PLATINUM ISOTOPES
- METALS
- .. TRANSITION METALS
- .. PLATINUM
- .. PLATINUM ISOTOPES
- RT PLATINUM BLACK

PLATINUM ALLOYS

- GS ALLOYS
- .. PLATINUM ALLOYS
- RT IRIIDIUM ALLOYS
- RHODIUM ALLOYS

PLATINUM BLACK

- GS PARTICLES
- .. METAL PARTICLES
- .. METAL POWDER
- .. PLATINUM BLACK
- .. POWDER (PARTICLES)
- .. METAL POWDER
- .. PLATINUM BLACK
- RT CATALYSTS
- PLATINUM

PLATINUM COMPOUNDS

- GS PLATINUM COMPOUNDS
- .. PLATINUM OXIDES
- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 8 COMPOUNDS
- ∞ METAL COMPOUNDS

PLATINUM ISOTOPES

- GS CHEMICAL ELEMENTS
- .. NUCLIDES
- .. ISOTOPES
- .. PLATINUM ISOTOPES
- .. PLATINUM
- .. PLATINUM ISOTOPES
- METALS
- .. TRANSITION METALS
- .. PLATINUM
- .. PLATINUM ISOTOPES

PLATINUM OXIDES

- GS CHALCOGENIDES
- .. OXIDES
- .. METAL OXIDES
- .. PLATINUM OXIDES
- PLATINUM COMPOUNDS
- .. PLATINUM OXIDES

PLAYAS

- GS LAND
- .. PLAINS
- .. PLAYAS
- LANDFORMS
- .. PLAYAS
- RT DESERTS
- LAKES

PLAYBACKS

- RT MAGNETIC TAPES
- ∞ RECORDERS
- RECORDING
- RECORDS
- ∞ TAPES
- VIDEO DISKS

PLEIADES CLUSTER

- GS CELESTIAL BODIES
 - . STAR CLUSTERS
 - . . OPEN CLUSTERS
 - . . . **PLEIADES CLUSTER**
- RT ∞ CLUSTERS
 - . TAURUS CONSTELLATION

PLENUM CHAMBERS

- RT AIR INTAKES
 - ∞ CHAMBERS
 - . DUCTS
 - . EXHAUST SYSTEMS
 - . FUEL SYSTEMS
 - . INTAKE SYSTEMS
 - . MANIFOLDS
 - ∞ WATER INTAKES

PLETHYSMOGRAPHY

- GS BIOENGINEERING
 - . BIOMETRICS
 - . . **PLETHYSMOGRAPHY**
 - . . . ELECTROPLETHYSMOGRAPHY

PLEURAE

- GS ANATOMY
 - . **PLEURAE**
 - . MEMBRANES
 - . . **PLEURAE**
- RT LUNGS
 - . RESPIRATORY SYSTEM

PLEUROTIN

- GS DRUGS
 - . ANTIBIOTICS
 - . . **PLEUROTIN**
- RT STAPHYLOCOCCUS

PLEXIGLASS (TRADEMARK)

- USE POLYMETHYL METHACRYLATE

PLIES

- USE LAYERS

∞ PLOTS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CHARTS
 - . DISPLAY DEVICES
 - . PLOTTERS
 - . PLOTTING SITES

PLOTTERS

- UF PLOTTING INSTRUMENTS
- GS RECORDING INSTRUMENTS
 - . **PLOTTERS**
 - . . X-Y PLOTTERS
- RT COMPUTER GRAPHICS
 - . DIGITAL TO ANALOG CONVERTERS
 - . DISPLAY DEVICES
 - . NAVIGATION AIDS
 - . PERIPHERAL EQUIPMENT (COMPUTERS)
- ∞ PLOTS
 - . PLOTTING
 - . POSITION INDICATORS
 - . PRINTERS
 - . REMOTE CONSOLES

PLOTTING

- RT ANALOG TO DIGITAL CONVERTERS
 - . DISPLAY DEVICES
 - . NAVIGATION
- ∞ PLOTS
 - . PLOTTERS
 - . PRINTING
 - . RECORDING

PLOTTING INSTRUMENTS

- USE PLOTTERS

PLOWED FIELDS

- USE FARMLANDS

PLOWING

- GS CULTIVATION
 - . **PLOWING**
- RT AGRICULTURE
 - . FARM CROPS
 - . FARMLANDS
 - . GRASSLANDS
 - . PLANTING
 - . PLANTS (BOTANY)

PLOWING--(cont.)

- . PLOWS
- . SOD
- . TRACTORS

PLOWS

- RT AGRICULTURE
 - . MIXERS
 - . PLANTING
 - . PLOWING

PLSS

- USE PORTABLE LIFE SUPPORT SYSTEMS

PLUG NOZZLES

- GS EXHAUST NOZZLES
 - . **PLUG NOZZLES**
- RT ANNULAR NOZZLES
 - . CONICAL NOZZLES
 - . NOZZLE GEOMETRY
- ∞ NOZZLES
 - . ROCKET NOZZLES
 - . SPIKE NOZZLES

PLUGGING

- UF CLOGGING
- RT AGGLOMERATION
 - . BLOCKING
 - . CAULKING
 - . CLOSING
 - . CLOSURES
 - . CONSTRICTIONS
 - . FOULING
 - . PLUGS
 - . SEALING
 - . SEALS (STOPPERS)

PLUGS

- SN (EXCLUDES SPARKPLUGS OR ELECTRICAL CONNECTORS)
- GS SEALS (STOPPERS)
 - . **PLUGS**
- RT BLOCKING
 - . CLOSURES
 - . LABYRINTH SEALS
 - . OUTLETS
 - . PLUGGING
 - . STOPPING

PLUM BROOK REACTOR

- GS NUCLEAR REACTORS
 - . LIQUID COOLED REACTORS
 - . . WATER COOLED REACTORS
 - . . . **PLUM BROOK REACTOR**
- . NUCLEAR RESEARCH AND TEST REACTORS
- . . **PLUM BROOK REACTOR**

PLUMAGE

- RT BIRDS

PLUMBANE

- USE LEAD COMPOUNDS
 - . METAL HYDRIDES

PLUMES

- GS **PLUMES**
 - . ROCKET EXHAUST
- RT CHIMNEYS
 - . CONDENSATES
 - . POLLUTION TRANSPORT
 - . SHOCK WAVES

PLUNGERS

- RT MIXERS
 - . PISTONS
 - . RAMS (PRESSES)
 - . RAMS (PUMPS)

PLUTO (PLANET)

- GS CELESTIAL BODIES
 - . PLANETS
 - . . **PLUTO (PLANET)**
- RT CHARON
 - . PLUTO ATMOSPHERE

PLUTO ATMOSPHERE

- GS ENVIRONMENTS
 - . EXTRATERRESTRIAL ENVIRONMENTS
 - . . PLANETARY ENVIRONMENTS
 - . . . PLANETARY ATMOSPHERES
 - **PLUTO ATMOSPHERE**
- RT PLUTO (PLANET)

PLUTO REACTORS

- GS NUCLEAR REACTORS
 - . **PLUTO REACTORS**
- RT NUCLEAR RAMJET ENGINES
 - . NUCLEAR ROCKET ENGINES
 - . SUPERSONIC LOW ALTITUDE MISSILE

PLUTONIUM

- GS CHEMICAL ELEMENTS
 - . ACTINIDE SERIES
 - . . TRANSURANIUM ELEMENTS
 - . . . **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
 - NUCLIDES
 - ISOTOPES
 - RADIOACTIVE ISOTOPES
 - TRANSURANIUM ELEMENTS
 - **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
 - METALS
 - ACTINIDE SERIES
 - TRANSURANIUM ELEMENTS
 - **PLUTONIUM**
 - PLUTONIUM ISOTOPES
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
- RT FISSIONABLE MATERIALS
 - . NUCLEAR FUELS

PLUTONIUM ALLOYS

- GS ALLOYS
 - . **PLUTONIUM ALLOYS**
- RT NUCLEAR FUEL ELEMENTS
 - . NUCLEAR FUELS

PLUTONIUM CARBIDES

- USE PLUTONIUM COMPOUNDS

PLUTONIUM COMPOUNDS

- UF PLUTONIUM CARBIDES
- GS ACTINIDE SERIES COMPOUNDS
 - . **PLUTONIUM COMPOUNDS**
 - . . PLUTONIUM FLUORIDES
 - . . PLUTONIUM OXIDES
- RT CERAMIC NUCLEAR FUELS
 - ∞ CHEMICAL COMPOUNDS
 - ∞ METAL COMPOUNDS
 - ∞ NUCLEAR FUELS

PLUTONIUM FLUORIDES

- GS ACTINIDE SERIES COMPOUNDS
 - . PLUTONIUM COMPOUNDS
 - . . **PLUTONIUM FLUORIDES**
 - . . . HALOGEN COMPOUNDS
 - . . . FLUORINE COMPOUNDS
 - . . . FLUORIDES
 - METAL FLUORIDES
 - **PLUTONIUM FLUORIDES**

PLUTONIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 - . ACTINIDE SERIES
 - . . TRANSURANIUM ELEMENTS
 - . . . PLUTONIUM
 - **PLUTONIUM ISOTOPES**
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
 - NUCLIDES
 - ISOTOPES
 - RADIOACTIVE ISOTOPES
 - TRANSURANIUM ELEMENTS
 - PLUTONIUM
 - **PLUTONIUM ISOTOPES**
 - PLUTONIUM 238
 - PLUTONIUM 239
 - PLUTONIUM 240
 - PLUTONIUM 241
 - PLUTONIUM 244
 - METALS

PLUTONIUM ISOTOPES--(cont.)

- . ACTINIDE SERIES
- . TRANSURANIUM ELEMENTS
- PLUTONIUM
- **PLUTONIUM ISOTOPES**
- PLUTONIUM 238
- PLUTONIUM 239
- PLUTONIUM 240
- PLUTONIUM 241
- PLUTONIUM 244

PLUTONIUM OXIDES

- GS ACTINIDE SERIES COMPOUNDS
- . PLUTONIUM COMPOUNDS
- **PLUTONIUM OXIDES**
- CHALCOGENIDES
- . OXIDES
- METAL OXIDES
- **PLUTONIUM OXIDES**
- RT CERAMIC NUCLEAR FUELS
- MIXED OXIDES

PLUTONIUM RECYCLE TEST REACTOR

- UF PRTR (REACTOR)
- GS NUCLEAR ELECTRIC POWER GENERATION
- . NUCLEAR POWER REACTORS
- **PLUTONIUM RECYCLE TEST REACTOR**
- NUCLEAR REACTORS
- . LIQUID COOLED REACTORS
- WATER COOLED REACTORS
- HEAVY WATER REACTORS
- **PLUTONIUM RECYCLE TEST REACTOR**
- . NUCLEAR POWER REACTORS
- **PLUTONIUM RECYCLE TEST REACTOR**
- . NUCLEAR RESEARCH AND TEST REACTORS
- **PLUTONIUM RECYCLE TEST REACTOR**
- . WATER MODERATED REACTORS
- **PLUTONIUM RECYCLE TEST REACTOR**

PLUTONIUM 238

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 238**
- . NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 238**
- METALS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 238**

PLUTONIUM 239

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 239**
- . NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 239**
- METALS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 239**

PLUTONIUM 240

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 240**

PLUTONIUM 240--(cont.)

- . NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 240**
- METALS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 240**

PLUTONIUM 241

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 241**
- . NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 241**
- METALS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 241**

PLUTONIUM 244

- GS CHEMICAL ELEMENTS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 244**
- . NUCLIDES
- ISOTOPES
- RADIOACTIVE ISOTOPES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 244**
- METALS
- . ACTINIDE SERIES
- TRANSURANIUM ELEMENTS
- PLUTONIUM
- PLUTONIUM ISOTOPES
- **PLUTONIUM 244**

PLUVIOGRAPHS

- USE RAIN GAGES
- RECORDING INSTRUMENTS

PLY ORIENTATION

- RT ALIGNMENT
- COMPOSITE MATERIALS
- INTERLAYERS
- LAMINATES
- LAYERS
- MULTILAYER INSULATION
- ORIENTATION
- PLYWOOD
- POSITIONING
- SANDWICH STRUCTURES
- SUBSTRATES

PLYWOOD

- GS COMPOSITE MATERIALS
- . LAMINATES
- **PLYWOOD**
- COMPOSITE STRUCTURES
- . LAMINATES
- **PLYWOOD**
- WOOD
- **PLYWOOD**
- PLY ORIENTATION
- TREES (PLANTS)
- WOODEN STRUCTURES
- RT

PNEUMATIC CIRCUITS

- GS CIRCUITS
- . **PNEUMATIC CIRCUITS**
- PNEUMATIC EQUIPMENT
- . **PNEUMATIC CIRCUITS**
- RT FLUIDICS
- VALVES

PNEUMATIC CONTROL

- UF PNEUMATIC RESET
- RT AUTOMATIC CONTROL
- AUTOMATIC CONTROL VALVES
- COMPRESSED GAS
- CONTROL
- CONTROL EQUIPMENT
- CONTROL VALVES
- CONTROLLERS
- ELECTRONIC CONTROL
- ENGINE CONTROL
- FLUID POWER
- FLUIDICS
- HYDRAULIC CONTROL
- REMOTE CONTROL

PNEUMATIC EQUIPMENT

- GS **PNEUMATIC EQUIPMENT**
- . GAS VALVES
- . PNEUMATIC CIRCUITS
- . PNEUMATIC PROBES
- RT AIR BAG RESTRAINT DEVICES
- COMPRESSED AIR
- CUSHIONS
- EQUIPMENT
- FLUID AMPLIFIERS
- FLUID POWER
- FLUID SWITCHING ELEMENTS
- FLUIDICS
- GAS GENERATORS
- GOLAY DETECTOR CELLS
- INFLATABLE STRUCTURES
- NETWORKS
- SERVOCONTROL
- SERVOMECHANISMS
- SHOCK ABSORBERS
- SYSTEMS
- VALVES

PNEUMATIC PROBES

- GS MEASURING INSTRUMENTS
- . TEMPERATURE MEASURING INSTRUMENTS
- **PNEUMATIC PROBES**
- PNEUMATIC EQUIPMENT
- . **PNEUMATIC PROBES**
- RT FLOW MEASUREMENT
- HIGH TEMPERATURE GASES
- MASS FLOW RATE
- NOZZLE FLOW
- PRESSURE MEASUREMENT

PNEUMATIC RESET

- USE PNEUMATIC CONTROL

PNEUMATICS

- GS FLUID MECHANICS
- . **PNEUMATICS**
- RT FLOW THEORY
- FLUID POWER
- FLUIDICS
- GASES
- HYDRAULICS

PNEUMOGRAPHY

- USE PNEUMOGRAPHY

PNEUMOGRAPHY

- UF PNEUMOGRAPHY
- RT BIOTELEMETRY
- LUNGS
- MEASUREMENT
- RADIOGRAPHY

PNEUMONIA

- GS DISEASES
- . RESPIRATORY DISEASES
- **PNEUMONIA**
- RT ACQUIRED IMMUNODEFICIENCY SYNDROME
- BACTERIAL DISEASES
- CONGESTION
- VIRAL DISEASES

PNEUMOTHORAX

- RT DISEASES
- LUNGS
- MEDICAL SCIENCE

PNICTIDES

- USE GROUP 5A COMPOUNDS

POCKELS EFFECT

- USE BIREFRINGENCE

POCKET MICE

- GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . RODENTS
 MICE
 **POCKET MICE**
 RT RATS

PODS (EXTERNAL STORES)

- GS EXTERNAL STORES
 . **PODS (EXTERNAL STORES)**
 RT COWLINGS
 EXTERNAL STORE SEPARATION
 FUEL TANKS
 NACELLES
 WING-FUSELAGE STORES

POGO

- UF POLAR ORBIT GEOPHYSICAL
 OBSERVATORY
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . . OGO
 . . . **POGO**
 OGO-C
 OGO-4
 OGO-6
 OBSERVATORIES
 . GEOPHYSICAL OBSERVATORIES
 . . OGO
 . . . **POGO**
 OGO-C
 OGO-4
 OGO-6
 RT AGENA B ROCKET VEHICLE
 EGO

POGO EFFECTS

- GS VIBRATION
 . **POGO EFFECTS**
 VIBRATION EFFECTS
 . **POGO EFFECTS**
 RT ∞ EFFECTS
 LONGITUDINAL STABILITY

POHLHAUSEN METHOD

- UF POHLHAUSEN SOLUTION
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **POHLHAUSEN METHOD**
 RT LAMINAR BOUNDARY LAYER
 ∞ METHODOLOGY
 VELOCITY DISTRIBUTION
 VISCOUS FLOW

POHLHAUSEN SOLUTION

- USE POHLHAUSEN METHOD

POIKILOthermia

- UF COLD BLOODED ANIMALS
 GS ANIMALS
 . **POIKILOthermia**
 RT AMPHIBIA
 BODY TEMPERATURE
 FISHES
 INVERTEBRATES
 REPTILES

POINCARÉ PROBLEM

- RT ∞ PROBLEMS

POINCARÉ SPHERES

- GS SYMMETRICAL BODIES
 . BODIES OF REVOLUTION
 . . SPHERES
 . . . **POINCARÉ SPHERES**
 RT GEOMETRY

POINT DEFECTS

- GS DEFECTS
 . CRYSTAL DEFECTS
 . . **POINT DEFECTS**
 . . . VACANCIES (CRYSTAL DEFECTS)
 FRENKEL DEFECTS
 RT CRYSTAL DISLOCATIONS
 IMPURITIES
 SURFACE DEFECTS

POINT IMPACT

- GS IMPACT
 . **POINT IMPACT**
 RT ELECTRON IMPACT

POINT IMPACT--(cont.)

- HYPERVELOCITY IMPACT
 ION IMPACT
 PROTON IMPACT

POINT MATCHING METHOD (MATHEMATICS)

- USE BOUNDARY VALUE PROBLEMS

POINT SOURCES

- GS RADIATION SOURCES
 . **POINT SOURCES**
 RT DIFFUSE RADIATION
 ∞ ENERGY SOURCES
 HUYGENS PRINCIPLE
 LIGHT SOURCES
 SPHERICAL WAVES

POINT SPREAD FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
 . **POINT SPREAD FUNCTIONS**
 RT IMAGE PROCESSING

POINT TO POINT COMMUNICATION

- GS COMMUNICATING
 . **POINT TO POINT COMMUNICATION**
 . . NASCOM NETWORK
 RT RADIO COMMUNICATION
 TELECOMMUNICATION
 WESTAR SATELLITES
 WIDEBAND COMMUNICATION

POINTERS

- USE DIALS

POINTING CONTROL SYSTEMS

- GS FLIGHT CONTROL
 . **POINTING CONTROL SYSTEMS**
 . . ANNULAR SUSPENSION AND
 POINTING SYSTEM
 RT ∞ CONTROL
 ENTRY GUIDANCE (STS)
 GUIDANCE (MOTION)
 SPACE FLIGHT
 SPACECRAFT CONTROL
 ∞ SYSTEMS

 ∞ **POINTS**

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT NONPOINT SOURCES
 POINTS (MATHEMATICS)
 POSITION (LOCATION)

POINTS (MATHEMATICS)

- GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . **POINTS (MATHEMATICS)**
 . . . FIXED POINTS (MATHEMATICS)
 INFLECTION POINTS
 RT FOCI
 LOCI
 NAKED SINGULARITIES
 ∞ POINTS
 RECIPROCAL THEOREMS
 SINGULARITY (MATHEMATICS)

POISEUILLE FLOW

- USE LAMINAR FLOW

 ∞ **POISONING**

- SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BENZENE POISONING
 BERYLLIUM POISONING
 CARBON MONOXIDE POISONING
 CARBON TETRACHLORIDE POISONING
 CURARE
 HYDROCARBON POISONING
 INTOXICATION
 LEAD POISONING
 NARCOSIS
 POISONING (REACTION INHIBITION)
 TOXIC DISEASES
 TOXIC HAZARDS

POISONING (REACTION INHIBITION)

- RT CONTROL RODS
 NEUTRON ABSORBERS
 NUCLEAR REACTIONS
 ∞ POISONING
 RADIOACTIVE WASTES

POISONING (TOXICOLOGY)

- USE TOXIC DISEASES

POISONS

- GS **POISONS**
 . CURARE
 . ENDOTOXINS
 . PESTICIDES
 . . INSECTICIDES
 . . . DIELDRIN
 . . . PHOSGENE
 . . . STRYCHNINE
 RT ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL SURVEYS
 NONPOINT SOURCES
 POLLUTION
 TOXICITY

POISSON DENSITY FUNCTIONS

- UF POISSON PROCESS
 GS FUNCTIONS (MATHEMATICS)
 . **POISSON DENSITY FUNCTIONS**
 STATISTICAL ANALYSIS
 RT **POISSON DENSITY FUNCTIONS**
 CONTINUITY (MATHEMATICS)
 DISCRETE FUNCTIONS
 EXPONENTIAL FUNCTIONS

POISSON EQUATION

- GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **POISSON EQUATION**
 RT CLASSICAL MECHANICS
 ELECTROSTATICS
 ∞ EQUATIONS
 ISENTROPE
 LAPLACE EQUATION
 VORTEX IN CELL TECHNIQUE

POISSON PROCESS

- USE POISSON DENSITY FUNCTIONS
 STOCHASTIC PROCESSES

POISSON RATIO

- GS MECHANICAL PROPERTIES
 . **POISSON RATIO**
 RATIOS
 RT **POISSON RATIO**
 AIRY FUNCTION
 COMPRESSIVE STRENGTH
 ELASTIC PROPERTIES
 FIBER STRENGTH
 MODULUS OF ELASTICITY
 NU FACTOR
 STRESS-STRAIN DIAGRAMS
 TENSILE STRENGTH

POLAIRE SATELLITE

- USE D-2 SATELLITES

POLAND

- GS NATIONS
 . **POLAND**
 RT CENTRAL EUROPE
 EUROPE

POLAR AURORAS

- USE AURORAS

POLAR CAP ABSORPTION

- GS ENERGY ABSORPTION
 . RADIATION ABSORPTION
 . . ELECTROMAGNETIC ABSORPTION
 . . . **POLAR CAP ABSORPTION**
 . . . THERMAL ABSORPTION
 . . . **POLAR CAP ABSORPTION**
 RT ∞ ABSORPTION

POLAR CAPS

- RT ANTARCTIC REGIONS
 ARCTIC REGIONS
 ∞ CAPS
 EARTH (PLANET)
 ICE
 MARS (PLANET)

POLAR COORDINATES

- GS COORDINATES
 . **POLAR COORDINATES**
 RT ASTRONOMICAL COORDINATES
 PLANISPHERES

POLAR COORDINATES--(cont.)

SMITH CHART
SPHERICAL COORDINATES

POLAR CUSPS

RT AERONOMY
∞ CUSPS
EARTH MAGNETOSPHERE
GEOMAGNETIC LATITUDE
GEOMAGNETIC TAIL
GEOMAGNETISM
GEOPHYSICS
INTERPLANETARY SPACE
LINES OF FORCE
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELDS
MAGNETOPAUSE
PLANETARY MAGNETIC FIELDS
POLAR REGIONS
SPACE PLASMAS

POLAR GASES

GS GASES
MOLECULAR GASES
RT POLAR GASES
CARBON DIOXIDE LASERS
GAS COMPOSITION
GAS DISCHARGES
GAS DYNAMICS
GAS LASERS
GAS MASERS
POLARIZATION (CHARGE SEPARATION)

POLAR IONOSPHERE BEACON

USE BEACON SATELLITES

POLAR METEOROLOGY

GS METEOROLOGY
POLAR METEOROLOGY
RT AEROLOGY
CLIMATOLOGY
HYDROLOGY
ICE REPORTING

POLAR NAVIGATION

GS NAVIGATION
POLAR NAVIGATION
RT AIR NAVIGATION
CELESTIAL NAVIGATION
DEAD RECKONING
DIGITAL NAVIGATION
INERTIAL NAVIGATION
LORAN

POLAR ORBIT GEOPHYSICAL OBSERVATORY

USE POGO

POLAR ORBITS

GS ORBITS
SPACECRAFT ORBITS
SATELLITE ORBITS
POLAR ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
LUNAR SATELLITES
PLANETARY ORBITS
SPACE STATION POLAR PLATFORMS
TIROS SATELLITES
TWENTY-FOUR HOUR ORBITS

POLAR PLATFORMS (SPACE STATIONS)

USE SPACE STATION POLAR PLATFORMS

POLAR RADIO BLACKOUT

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
POLAR RADIO BLACKOUT
RT AURORAL ZONES
IONOSPHERIC PROPAGATION

POLAR REGIONS

UF HIGH LATITUDES
GS REGIONS
POLAR REGIONS
ANTARCTIC REGIONS
MCMURDO SOUND
ROSS ICE SHELF
ARCTIC REGIONS
RT AURORAL ZONES
CLIMATOLOGY

POLAR REGIONS--(cont.)

GEOGRAPHY
PERMAFROST
POLAR CUSPS
TEMPERATE REGIONS
TIMBERLINE

POLAR SUBSTORMS

GS STORMS
STORMS (METEOROLOGY)
POLAR SUBSTORMS

POLAR WANDERING (GEOLOGY)

UF CHANDLER MOTION
RT CHANDLER WOBBLE
EARTH AXIS
EARTH MOTION
EARTH ORIENTATION
GEODESY
NUTATION
PERIODIC VARIATIONS
PRECESSION

POLARIMETERS

UF SPECTROPOLARIMETERS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
POLARIMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
POLARIMETERS
RT ASTRONOMICAL POLARIMETRY
CHEMICAL ANALYSIS
ELLIPSOMETERS
OPTICAL MEASUREMENT
PHOTOMETERS
POLARIMETRY
POLARISCOPES
POLARIZERS
POLAROGRAPHY
SOLAR MAXIMUM MISSION

POLARIMETRY

GS OPTICAL MEASUREMENT
POLARIMETRY
ASTRONOMICAL POLARIMETRY
RT OPTICAL ACTIVITY
OPTICAL MEASURING INSTRUMENTS
PHOTOMETRY
POLARIMETERS
POLARIZATION (WAVES)

POLARIS A1 MISSILE

GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A1 MISSILE
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE

POLARIS A2 MISSILE

GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A2 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A2 MISSILE
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A2 MISSILE

POLARIS A3 MISSILE

GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A3 MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
POLARIS A3 MISSILE
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES

POLARIS A3 MISSILE--(cont.)

POLARIS A3 MISSILE

POLARIS MISSILES

GS MISSILES
BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
SURFACE TO SURFACE MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES
POLARIS MISSILES
POLARIS A1 MISSILE
POLARIS A2 MISSILE
POLARIS A3 MISSILE
RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES
XM-33 ENGINE

POLARIS SUBMARINES

USE GUIDED MISSILE SUBMARINES

POLARISCOPES

GS MEASURING INSTRUMENTS
POLARISCOPES
SENARMONT POLARISCOPES
OPTICAL EQUIPMENT
POLARISCOPES
SENARMONT POLARISCOPES
RT OPTICAL MEASURING INSTRUMENTS
POLARIMETERS
POLARIZATION (WAVES)
POLARIZERS

POLARITONS

GS POLARITONS
PLASMONS

POLARITY

RT ∞ DIPOLES
ELECTRIC CHARGE
ELECTRIC FIELDS
MAGNETIC FIELDS
MAGNETIC POLES
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
QUADRUPOLES

∞ POLARIZATION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANTIFERROELECTRICITY
BIPOLARITY
LINEAR POLARIZATION
MAGNETIZATION
OPTICAL POLARIZATION
OVERHAUSER EFFECT
PHOTOELASTIC ANALYSIS
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POLARIZED RADIATION

POLARIZATION (CHARGE SEPARATION)

UF CHARGE SEPARATION
GS POLARIZATION (CHARGE SEPARATION)
DIELECTRIC POLARIZATION
ELECTROLYTIC POLARIZATION
RT CHARGE DISTRIBUTION
CHARGE TRANSFER
DEACTIVATION
DEPOLARIZATION
ELECTRETS
ELECTRIC CHARGE
ELECTRIC MOMENTS
ELECTRODE FILM BARRIERS
ELECTROMIGRATION
HALL EFFECT
IONOSPHERIC DRIFT
MAGNETIZATION
OVERVOLTAGE
POLAR GASES
POLARITY
∞ POLARIZATION
PYROELECTRICITY
∞ SEPARATION
TAFEL LAW

POLARIZATION (SPIN ALIGNMENT)

RT ALIGNMENT

POLARIZATION (SPIN ALIGNMENT)--(cont.)

ANISOTROPY
DEACTIVATION
MAGNETIC PROPERTIES
MAGNETIZATION
∞ ORIENTATION
POLARITY
∞ POLARIZATION
ROTATION
SPIN TESTS

POLARIZATION (WAVES)

UF POLARIZATION CHARTS
GS **POLARIZATION (WAVES)**
. CIRCULAR POLARIZATION
. CROSS POLARIZATION
. ELLIPTICAL POLARIZATION
. LINEAR POLARIZATION
RT ANISOTROPIC MEDIA
ANISOTROPY
BEAMFORMING
BIREFRINGENCE
BL LACERTAE OBJECTS
COLLIMATION
ELECTROMAGNETIC PROPERTIES
FARADAY EFFECT
KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETO-OPTICS
MONOCHROMATIZATION
OPTICAL COUPLING
OPTICAL PROPERTIES
∞ ORIENTATION
PHOTOELASTIC ANALYSIS
POLARIMETRY
POLARISCOPES
∞ POLARIZATION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZERS
POLARONS
REFRACTIVITY
ROTATION

POLARIZATION CHARACTERISTICS

GS MAGNETIC PROPERTIES
. **POLARIZATION CHARACTERISTICS**
RT BREWSTER ANGLE
∞ CHARACTERISTICS
POLARIZED RADIATION

POLARIZATION CHARTS

USE GRAPHS (CHARTS)
POLARIZATION (WAVES)

POLARIZED ELASTIC WAVES

GS ELASTIC WAVES
. **POLARIZED ELASTIC WAVES**
POLARIZED RADIATION
. **POLARIZED ELASTIC WAVES**
RT S WAVES
SEISMIC WAVES
SOUND WAVES

POLARIZED ELECTROMAGNETIC RADIATION

GS ELECTROMAGNETIC RADIATION
. **POLARIZED ELECTROMAGNETIC RADIATION**
. POLARIZED LIGHT
. SYNCHROTRON RADIATION
POLARIZED RADIATION
. **POLARIZED ELECTROMAGNETIC RADIATION**
. POLARIZED LIGHT
. SYNCHROTRON RADIATION
RT CROSS POLARIZATION
EXTRATERRESTRIAL RADIATION
FARADAY EFFECT
INFRARED RADIATION
KERR CELLS
LIGHT (VISIBLE RADIATION)
LINEAR POLARIZATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MAGNETO-OPTICS
MONOCHROMATIC RADIATION
POLARIZATION (WAVES)
POLARIZERS
∞ RADIATION
RADIATIVE TRANSFER
RADIO WAVES
STELLAR RADIATION
ULTRAVIOLET RADIATION

POLARIZED LIGHT

GS ELECTROMAGNETIC RADIATION
. LIGHT (VISIBLE RADIATION)
. **POLARIZED LIGHT**
. POLARIZED ELECTROMAGNETIC RADIATION
. **POLARIZED LIGHT**
POLARIZED RADIATION
. POLARIZED ELECTROMAGNETIC RADIATION
. **POLARIZED LIGHT**
RT ELLIPSOMETRY
GEGENSCHNITT
KERR MAGNETOOPTICAL EFFECT
MONOCHROMATIC RADIATION
OPTICAL ACTIVITY
OPTICAL DEPOLARIZATION
OPTICAL POLARIZATION
PHOTOELASTICITY
ZODIACAL LIGHT

POLARIZED RADIATION

GS **POLARIZED RADIATION**
. POLARIZED ELASTIC WAVES
. POLARIZED ELECTROMAGNETIC RADIATION
. POLARIZED LIGHT
. SYNCHROTRON RADIATION
RT CAUSTICS (OPTICS)
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
LINEAR POLARIZATION
PLASMA RADIATION
∞ POLARIZATION
POLARIZATION CHARACTERISTICS
∞ RADIATION
∞ RAYS

POLARIZERS

RT KERR CELLS
LIGHT (VISIBLE RADIATION)
OPTICAL POLARIZATION
POLARIMETERS
POLARISCOPES
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC RADIATION

POLAROGRAPHS

USE POLAROGRAPHY

POLAROGRAPHY

UF POLAROGRAPHS
GS ELECTRICAL MEASUREMENT
. **POLAROGRAPHY**
RT CHEMICAL ANALYSIS
OPTICAL POLARIZATION
POLARIMETERS
QUANTITATIVE ANALYSIS

POLARONS

GS ELEMENTARY EXCITATIONS
. **POLARONS**
RT CONDUCTION BANDS
CROSS POLARIZATION
ELECTRON PHONON INTERACTIONS
IONIC CRYSTALS
PHONONS
PLASMONS
POLARIZATION (WAVES)

∞ POLES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ∞ DIPOLES
MAGNETIC DIPOLES
MAGNETIC POLES
MONOPOLES
POLES (SUPPORTS)
REGGE POLES

POLES (SUPPORTS)

RT ELECTRIC POWER TRANSMISSION
∞ POLES

POLICE

GS PERSONNEL
. **POLICE**
RT COMMUNITIES
CRIME
REGULATIONS
SECURITY
SOCIAL FACTORS

POLICE--(cont.)

VIOLENCE

POLICIES

GS **POLICIES**
. ENERGY POLICY
. PATENT POLICY
. PROCUREMENT POLICY
RT COPYRIGHTS
GOVERNMENTS
LICENSING
PROHIBITION
REGULATIONS
RULES

POLIOMYELITIS

GS DISEASES
. INFECTIOUS DISEASES
. VIRAL DISEASES
. **POLIOMYELITIS**

POLISH TS-11 AIRCRAFT

USE TS-11 AIRCRAFT

POLISHED METALS

USE METAL POLISHING

POLISHING

GS **POLISHING**
. METAL POLISHING
. ELECTROPOLISHING
. VIBRATORY POLISHING
RT ABRASION
CLEANING
FINISHES
GRINDING (MATERIAL REMOVAL)
METALLOGRAPHY
SMOOTHING
SURFACE FINISHING
ULTRASONIC CLEANING

POLITICS

RT AIR LAW
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
GOVERNMENTS
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
LAW (JURISPRUDENCE)
NATIONS
REGIMES
SOCIOLOGY
SOVEREIGNTY
UNITED NATIONS
VOTING
WARFARE

POLLEN

GS PARTICLES
. **POLLEN**
RT AEROBIOLOGY
AIR POLLUTION
DUST
PLANTS (BOTANY)

POLLUTANTS

USE CONTAMINANTS

POLLUTION

GS **POLLUTION**
. ENVIRONMENT POLLUTION
. AIR POLLUTION
. GLOBAL AIR POLLUTION
. INDOOR AIR POLLUTION
. WATER POLLUTION
. OIL POLLUTION
. NOISE POLLUTION
. THERMAL POLLUTION
RT CLEAN FUELS
CONTAMINANTS
CONTAMINATION
DEBRIS
DECONTAMINATION
DISSIPATION
ELIMINATION
ENDANGERED SPECIES
ENERGY POLICY
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
HUMAN WASTES
METABOLIC WASTES
MICROCYSTIS

POLLUTION--(cont.)

MICROORGANISMS
NONPOINT SOURCES
OIL SLICKS
POISONS
PREVENTION
PUBLIC HEALTH
PURITY
QUALITY
RADIOACTIVE WASTES
SMOKE ABATEMENT
SOLID WASTES
TOXICOLOGY
WASTE DISPOSAL
WASTES
WATER
WATER RECLAMATION
WATER TREATMENT

POLLUTION CONTROL

RT AIR QUALITY
BIOCHEMICAL OXYGEN DEMAND
∞CONTROL
DEWATERING
ENVIRONMENTAL SURVEYS
FLUE GASES
FLY ASH
PARTICULATES

POLLUTION MONITORING

RT AIR POLLUTION
AIR QUALITY
AMBIENCE
ENVIRONMENT POLLUTION
GLOBAL AIR POLLUTION
GROUND STATIONS
IN SITU MEASUREMENT
MONITORS
PARTICULATES
WARNING SYSTEMS
WATER POLLUTION

POLLUTION TRANSPORT

UF ATMOSPHERIC LOADING
RT AEROSOLS
AIR POLLUTION
ATMOSPHERIC CIRCULATION
ATMOSPHERIC DIFFUSION
COMBUSTION PRODUCTS
DISPERSING
ENVIRONMENT POLLUTION
EXHAUST EMISSION
EXHAUST GASES
GAS TRANSPORT
GASEOUS DIFFUSION
GLOBAL AIR POLLUTION
PLUMES
THERMAL POLLUTION
TRACE CONTAMINANTS
TRANSPORT PROPERTIES
TRANSPORT THEORY
WATER CIRCULATION
WATER POLLUTION

POLOIDAL FLUX

RT MAGNETIC FIELD CONFIGURATIONS
TOKAMAK DEVICES
TOROIDAL PLASMAS

POLONIUM

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210
RT METALS

POLONIUM COMPOUNDS

RT ∞CHEMICAL COMPOUNDS
∞GROUP 6A COMPOUNDS

POLONIUM ISOTOPES

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 208

POLONIUM ISOTOPES--(cont.)

POLONIUM 209
POLONIUM 210
RT METALS

POLONIUM 208

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 208
RADIOACTIVE ISOTOPES
POLONIUM 208
RT METALS

POLONIUM 209

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 209
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 209
RADIOACTIVE ISOTOPES
POLONIUM 209
RT METALS

POLONIUM 210

GS CHEMICAL ELEMENTS
METALLOIDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 210
NUCLIDES
ISOTOPES
POLONIUM ISOTOPES
POLONIUM 210
RADIOACTIVE ISOTOPES
POLONIUM 210
RT METALS

POLYACETYLENE

RT CONDUCTING POLYMERS
SEMICONDUCTORS (MATERIALS)

POLYACRYLATES

USE ACRYLIC RESINS

POLYACRYLONITRILE

UF PAN (POLYACRYLONITRILE)
GS NITRILES
ACRYLONITRILES
POLYACRYLONITRILE
RT ACRYLIC RESINS
CARBON FIBERS
∞POLYMERS
SYNTHETIC FIBERS

POLYAMIDE RESINS

UF NYLON RESINS
GS PLASTICS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RESINS
SYNTHETIC RESINS
THERMOSETTING RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
RT ARAMID FIBER COMPOSITES
ARAMID FIBERS

POLYATOMIC GASES

GS GASES
MOLECULAR GASES
POLYATOMIC GASES
DIATOMIC GASES

POLYATOMIC MOLECULES

GS MOLECULES
POLYATOMIC MOLECULES
DIATOMIC MOLECULES
TRIATOMIC MOLECULES
RT ATOMS
BUCKMINSTERFULLERENE

POLYATOMIC MOLECULES--(cont.)

CHEMICAL BONDS
∞CHEMICAL COMPOUNDS
FULLERENES
IONS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POSITIVE IONS

POLYBENZIMIDAZOLE

RT SYNTHETIC FIBERS

POLYBLEND

USE POLYMER BLENDS

POLYBROMINATED BIPHENYLS

UF PBB
GS PHENYLS
POLYBROMINATED BIPHENYLS
TOXINS AND ANTITOXINS
POLYBROMINATED BIPHENYLS
RT BROMINE COMPOUNDS
FLAME RETARDANTS
POLYCHLORINATED BIPHENYLS

POLYBUTADIENE

GS ORGANIC COMPOUNDS
HYDROCARBONS
ALIPHATIC HYDROCARBONS
DIENES
POLYBUTADIENE
PLASTICS
POLYBUTADIENE
RT ADDITION RESINS
BLOCK COPOLYMERS
BUTADIENE
HTPB PROPELLANTS
SYNTHETIC RUBBERS

POLYBUTADIENE TETRANITRAMINE

GS NITROGEN COMPOUNDS
NITRO COMPOUNDS
POLYBUTADIENE TETRANITRAMINE
RT PLASTIC PROPELLANTS

POLYCARBONATES

GS CARBON COMPOUNDS
CARBONATES
POLYCARBONATES
LEXAN (TRADEMARK)
ESTERS
POLYCARBONATES
LEXAN (TRADEMARK)
RT POLYCARBOSILANES
∞POLYMERS

POLYCARBOSILANES

RT CERAMIC FIBERS
ORGANOMETALLIC POLYMERS
POLYCARBONATES
POLYSILANES
SILANES
SILICON CARBIDES
SILICON POLYMERS

POLYCHLORINATED BIPHENYLS

UF PCB
GS PHENYLS
POLYCHLORINATED BIPHENYLS
RT POLYBROMINATED BIPHENYLS

POLYCRYSTALS

GS CRYSTALS
POLYCRYSTALS
RT BICRYSTALS
CRYSTAL STRUCTURE
SINGLE CRYSTALS

POLYCYTHEMIA

RT HEMOGLOBIN
HEMOLYSIS
HEMORRHAGES
SPLEEN

POLYESTER RESINS

GS PLASTICS
SYNTHETIC RESINS
POLYESTER RESINS
RESINS
SYNTHETIC RESINS
POLYESTER RESINS
RT DACRON (TRADEMARK)
THERMOSETTING RESINS

POLYESTERS

GS ESTERS
 . **POLYESTERS**
 RT ∞ POLYMERS
 SYNTHETIC FIBERS

POLYETHER RESINS

GS PLASTICS
 . SYNTHETIC RESINS
 . **POLYETHER RESINS**
 . . . PEEK
 . . . POLYMETHYL METHACRYLATE
 RESINS
 . SYNTHETIC RESINS
 . **POLYETHER RESINS**
 . . . PEEK
 . . . POLYMETHYL METHACRYLATE
 RT VULCANIZED ELASTOMERS

POLYETHERETHERKETONES

USE PEEK

POLYETHYLENE TEREPHTHALATE

GS ESTERS
 . **POLYETHYLENE TEREPHTHALATE**
 PLASTICS
 . POLYETHYLENES
 . **POLYETHYLENE TEREPHTHALATE**
 TEREPHTHALATE
 . **POLYETHYLENE TEREPHTHALATE**
 RT ADDITION RESINS
 MYLAR (TRADEMARK)
 ∞ POLYMERS

POLYETHYLENES

GS PLASTICS
 . **POLYETHYLENES**
 . . POLYETHYLENE TEREPHTHALATE
 RT ADDITION RESINS
 ETHYLENE
 SYNTHETIC RESINS
 THERMOPLASTIC RESINS

POLYGONIZATION

RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 RECRYSTALLIZATION

POLYGONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . **POLYGONS**
 . . . HEXAGONS
 . . . TETRAGONS
 . . . PARALLELOGRAMS
 . . . RHOMBOIDS
 . . . RECTANGLES
 . . . SQUARES (MATHEMATICS)
 . . . TRAPEZOIDS
 . . . TRIANGLES
 RT POLYTOPES

POLYHEDRONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . **POLYHEDRONS**
 . . . CUBES (MATHEMATICS)
 . . . ICOSAHEDRONS
 . . . OCTAHEDRONS
 . . . PARALLELEPIPEDS
 . . . PYRAMIDS
 . . . RHOMBOHEDRONS
 . . . TETRAHEDRONS
 RT BUCKMINSTERFULLERENE
 FULLERENES
 POLYTOPES

POLYIMIDE RESINS

GS RESINS
 . **POLYIMIDE RESINS**
 RT BISMALIMIDE
 POLYIMIDES
 RESIN MATRIX COMPOSITES

POLYIMIDES

GS NITROGEN COMPOUNDS
 . AMIDES
 . **POLYIMIDES**
 . . . BISMALIMIDE
 RT POLYIMIDE RESINS

POLYISOBUTYLENE

GS PLASTICS
 . **POLYISOBUTYLENE**

POLYISOBUTYLENE--(cont.)

RT ADDITION RESINS
 SYNTHETIC RUBBERS

POLYISOPRENES

RT ∞ POLYMERS
 RUBBER
 SYNTHETIC RUBBERS

POLYMER ALLOYS

USE POLYMER BLENDS

POLYMER BLENDS

UF POLYBLENDS
 POLYMER ALLOYS
 GS MIXTURES
 . **POLYMER BLENDS**
 RT COPOLYMERS
 POLYMER PHYSICS
 ∞ POLYMERS
 THERMOPLASTIC RESINS

POLYMER CHEMISTRY

RT BIOPOLYMER DENATURATION
 ∞ CHEMISTRY
 GLASS TRANSITION TEMPERATURE
 OLIGOMERS
 PHOSPHAZENE
 POLYMER PHYSICS
 ∞ POLYMERS
 POLYMER BLENDS

POLYMER MATRIX COMPOSITES

GS COMPOSITE MATERIALS
 . **POLYMER MATRIX COMPOSITES**
 . . EPOXY MATRIX COMPOSITES
 . . . BORON-EPOXY COMPOSITES
 . . GRAPHITE-POLYIMIDE COMPOSITES
 . . REINFORCED PLASTICS
 . . . CARBON FIBER REINFORCED
 PLASTICS
 . . . GLASS FIBER REINFORCED
 PLASTICS
 . . . MICARTA
 RT ARAMID FIBER COMPOSITES
 BISMALIMIDE
 BORON FIBERS
 ∞ CONSTRUCTION MATERIALS
 FIBER COMPOSITES
 HYBRID COMPOSITES
 LAMINATES
 ∞ MATERIALS
 ∞ MATRICES
 MATRIX MATERIALS
 PEEK
 ∞ POLYMERS
 PULTRUSION
 RESIN MATRIX COMPOSITES
 RESIN TRANSFER MOLDING
 SHEET MOLDING COMPOUNDS

POLYMER PHYSICS

RT GLASS TRANSITION TEMPERATURE
 ∞ PHYSICS
 POLYMER BLENDS
 POLYMER CHEMISTRY
 ∞ POLYMERS
 POLYMER BLENDS
 ∞ SCIENCE

POLYMERIC FILMS

UF PLASTIC FILMS
 GS **POLYMERIC FILMS**
 . KAPTON (TRADEMARK)
 . MYLAR (TRADEMARK)
 RT CASTING
 CONDUCTING POLYMERS
 FIBERS
 ∞ FILMS
 LANGMUIR-BLODGETT FILMS
 NYLON (TRADEMARK)
 PHOTOGRAPHIC FILM
 PLASTIC COATINGS
 ∞ SHEETS

POLYMERIZATION

GS SYNTHESIS (CHEMISTRY)
 . **POLYMERIZATION**
 . . COPOLYMERIZATION
 . . DIMERIZATION
 RT CHEMICAL REACTIONS
 COUPLED MODES
 DEPOLYMERIZATION
 OLIGOMERS
 QUINOXALINES

POLYMERIZATION--(cont.)

REFINING
 ∞ SETTING
 ZIEGLER CATALYST

∞ POLYMERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BIOPOLYMERS
 BLOCK COPOLYMERS
 CELLOPHANE
 CONDUCTING POLYMERS
 COORDINATION POLYMERS
 COPOLYMERIZATION
 COPOLYMERS
 ELASTOMERS
 FLUOROPOLYMERS
 FORMICA
 GLYCIDYL AZIDE POLYMER
 HIGH POLYMERS
 KAPTON (TRADEMARK)
 KEL-F
 LEXAN (TRADEMARK)
 LIGNIN
 MACROMOLECULES
 METALLOSILOXANE POLYMER
 METALLOXANE POLYMER
 METHYL POLYSILOXANES
 MICARTA
 MONOMERS
 MYLAR (TRADEMARK)
 NITROGEN POLYMERS
 NYLON (TRADEMARK)
 OLIGOMERS
 ORGANIC MATERIALS
 ORGANOMETALLIC POLYMERS
 PHOSPHORUS POLYMERS
 PLASTICS
 POLYACRYLONITRILE
 POLYCARBONATES
 POLYESTERS
 POLYETHYLENE TEREPHTHALATE
 POLYISOPRENES
 POLYMER BLENDS
 POLYMER CHEMISTRY
 POLYMER MATRIX COMPOSITES
 POLYMER PHYSICS
 POLYQUINOXALINES
 POLYSILANES
 POLYSILOXANES
 POLYTETRAFLUOROETHYLENE
 POLYURETHANE FOAM
 POLYVINYL FLUORIDE
 PREPOLYMERS
 PYRRONES (TRADEMARK)
 SILICON POLYMERS
 SILICONES
 SILOXANES
 SOLITHANES
 STYROFOAM (TRADEMARK)
 SYNTHETIC RESINS
 TEFLON (TRADEMARK)
 VINYL COPOLYMERS
 VINYL POLYMERS

POLYMETHYL METHACRYLATE

UF LUCITE (TRADEMARK)
 PLEXIGLASS (TRADEMARK)
 GS PLASTICS
 . SYNTHETIC RESINS
 . . POLYETHER RESINS
 . . . **POLYMETHYL METHACRYLATE**
 RESINS
 . SYNTHETIC RESINS
 . . POLYETHER RESINS
 . . . **POLYMETHYL METHACRYLATE**

POLYMORPHISM

GS MORPHOLOGY
 . **POLYMORPHISM**
 RT ALLOTROPY
 CRYSTAL LATTICES
 CRYSTAL STRUCTURE
 ∞ PHYSICAL PROPERTIES

POLYNOMIALS

GS ALGEBRA
 . **POLYNOMIALS**
 . . BINOMIALS
 . . DYADICS
 . . HERMITIAN POLYNOMIAL
 RT COEFFICIENTS
 CUBIC EQUATIONS
 EIGENVALUES

POLYNOMIALS--(cont.)

EIGENVECTORS
 ∞EQUATIONS
 . LINEAR EQUATIONS
 . NONLINEAR EQUATIONS
 . QUADRATIC EQUATIONS
 . ROOTS OF EQUATIONS
 . SHAPE FUNCTIONS

POLYNUCLEAR ORGANIC COMPOUNDS

GS . ORGANIC COMPOUNDS
 . **POLYNUCLEAR ORGANIC COMPOUNDS**
 RT . AIR POLLUTION
 ∞CHEMICAL COMPOUNDS
 . PETROLEUM PRODUCTS
 . PURIFICATION

POLYNUCLEOTIDES

GS . ORGANIC COMPOUNDS
 . NUCLEOTIDES
 . . **POLYNUCLEOTIDES**
 . PHOSPHORUS COMPOUNDS
 . PHOSPHATES
 . . **POLYNUCLEOTIDES**
 RT . BIOPOLYMERS
 . PROTEINS
 . RIBONUCLEIC ACIDS

POLYORGANOSILOXANES

USE . POLYSILOXANES

POLYOT SATELLITES

GS . ARTIFICIAL SATELLITES
 . **POLYOT SATELLITES**

POLYPEPTIDES

GS . ORGANIC COMPOUNDS
 . PEPTIDES
 . . **POLYPEPTIDES**
 . . . GLUTATHIONE
 . . . HYPERTENSIN
 RT . AMINO ACIDS
 . BIOPOLYMERS
 . PROTEINS

POLYPHENYL ETHER

GS . ETHERS
 . **POLYPHENYL ETHER**

POLYPHENYLS

GS . PHENYLS
 . **POLYPHENYLS**
 . . TETRAPHENYLS
 . . . TRIPHENYLS

POLYPROPYLENE

GS . PLASTICS
 . **POLYPROPYLENE**
 RT . ADDITION RESINS
 . SYNTHETIC RESINS

POLYQUINOXALINES

RT ∞CHEMICAL COMPOUNDS
 ∞POLYMERS

POLYSACCHARIDES

GS . ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . **POLYSACCHARIDES**
 . . . CELLULOSE
 FORTISAN (TRADEMARK)
 . . . CHITIN
 . . . DEXTRANS
 . . . GLYCOGENS
 . . . STARCHES
 RT . GUMS (SUBSTANCES)

POLYSILANES

UF . OXOSILANES
 RT . ORGANOMETALLIC POLYMERS
 . POLYCARBOSILANES
 ∞POLYMERS
 . SILANES

POLYSILOXANES

UF . POLYORGANOSILOXANES
 GS . **POLYSILOXANES**
 . . METHYL POLYSILOXANES
 RT ∞POLYMERS
 . SILICON COMPOUNDS
 . SILOXANES

POLYSLIPS

RT ∞SLIP

POLYSTATION DOPPLER TRACKING SYSTEM

GS . STATIONS
 . . GROUND STATIONS
 . . **POLYSTATION DOPPLER TRACKING SYSTEM**
 . . TRACKING STATIONS
 . . **POLYSTATION DOPPLER TRACKING SYSTEM**
 . TRACKING (POSITION)
 . **POLYSTATION DOPPLER TRACKING SYSTEM**
 . TRACKING NETWORKS
 . **POLYSTATION DOPPLER TRACKING SYSTEM**
 RT . DOPPLER RADAR
 . MISSILE TRACKING
 . PULSE RADAR
 . RADAR NETWORKS
 . SATELLITE DOPPLER POSITIONING
 . SPACE DETECTION AND TRACKING SYSTEM
 . SPACECRAFT TRACKING
 ∞SYSTEMS

POLYSTYRENE

GS . PLASTICS
 . **POLYSTYRENE**
 . . STYROFOAM (TRADEMARK)
 . STYRENES
 . **POLYSTYRENE**
 . . STYROFOAM (TRADEMARK)
 RT . ADDITION RESINS
 . BLOCK COPOLYMERS
 . SANTOWAX (TRADEMARK)
 . SYNTHETIC RESINS
 . THERMOPLASTIC RESINS

POLYSULFIDES

GS . CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **POLYSULFIDES**
 . SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **POLYSULFIDES**
 RT . COMPOSITE PROPELLANTS

POLYTETRAFLUOROETHYLENE

GS . HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORO COMPOUNDS
 . . . DIFLUORO COMPOUNDS
 **POLYTETRAFLUOROETHYLENE**
 TEFLON (TRADEMARK)
 . PLASTICS
 . **POLYTETRAFLUOROETHYLENE**
 . . TEFLON (TRADEMARK)
 RT ∞POLYMERS
 . SYNTHETIC RESINS

POLYTOPES

RT . ANALYTIC GEOMETRY
 . EUCLIDEAN GEOMETRY
 . HYPERPLANES
 . POLYGONS
 . POLYHEDRONS

POLYTROPIC PROCESSES

RT . ADIABATIC CONDITIONS
 ∞ISOBARS
 . THERMODYNAMICS

POLYURETHANE FOAM

RT . FOAMS
 . LOW DENSITY MATERIALS
 ∞POLYMERS
 . SOILS
 . SPONGES (MATERIALS)

POLYURETHANE RESINS

GS . RESINS
 . **POLYURETHANE RESINS**
 RT . COMPOSITE PROPELLANTS

POLYVINYL ALCOHOL

GS . HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . **POLYVINYL ALCOHOL**
 . PLASTICS
 . **POLYVINYL ALCOHOL**
 RT . ADDITION RESINS
 . SYNTHETIC RESINS
 . VINYL POLYMERS

POLYVINYL CHLORIDE

UF . GEON (TRADEMARK)
 GS . PLASTICS
 . **POLYVINYL CHLORIDE**
 RT . ADDITION RESINS
 . CHLORIDES
 . SYNTHETIC RESINS
 . TETRAHYDROFURAN
 . VINYL POLYMERS

POLYVINYL FLUORIDE

UF . TEDLAR (TRADEMARK)
 GS . HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . **POLYVINYL FLUORIDE**
 . ORGANIC COMPOUNDS
 . FLUORINE ORGANIC COMPOUNDS
 . . FLUOROPOLYMERS
 . . . **POLYVINYL FLUORIDE**
 . PLASTICS
 . **POLYVINYL FLUORIDE**
 . VINYL POLYMERS
 . **POLYVINYL FLUORIDE**
 RT ∞POLYMERS

POLYWATER

GS . WATER
 . **POLYWATER**
 RT . ATOMIC STRUCTURE
 . CHEMICAL BONDS
 . MOLECULAR STRUCTURE
 . POLYMER CHEMISTRY
 . POLYMER PHYSICS

POMERANCHUK THEOREM

GS . THEOREMS
 . **POMERANCHUK THEOREM**
 RT . ANTIPARTICLES
 . DEUTERONS
 . DIFFRACTION PATTERNS
 . EIKONAL EQUATION
 . ELASTIC SCATTERING
 . ELECTRONS
 . ELEMENTARY PARTICLES
 . FIELD THEORY (PHYSICS)
 . FREDHOLM EQUATIONS
 . GLAUBER THEORY
 . HIGH ENERGY INTERACTIONS
 . KAONS
 . MESONS
 . NUCLEON-NUCLEON SCATTERING
 . POMERONS
 . REGGE POLES
 . SCATTERING CROSS SECTIONS

POMERONS

RT . NUCLEAR REACTIONS
 . POMERANCHUK THEOREM
 . PROTON-PROTON REACTIONS
 . REGGE POLES
 . SCATTERING CROSS SECTIONS

PONDEROMOTIVE FORCES

GS . ELECTROMOTIVE FORCES
 . **PONDEROMOTIVE FORCES**
 RT . ELECTRODYNAMICS
 ∞FORCE
 . LORENTZ FORCE
 . RELATIVISTIC PLASMAS
 . RELATIVITY

PONDS

RT . AQUIFERS
 . GREAT SALT LAKE (UT)
 . IRRIGATION
 . LAGOONS
 . LAKES
 . LIMNOLOGY
 . LIQUID WASTES
 . RESERVOIRS
 . SOLAR PONDS (HEAT STORAGE)
 . SURFACE WATER
 . WASTE DISPOSAL
 . WATER RESOURCES
 . WATERSHEDS
 . WINDPOWERED PUMPS

PONTIAC (MI)

GS . CITIES
 . **PONTIAC (MI)**
 RT . MICHIGAN

PONTRYAGIN PRINCIPLE

RT . CALCULUS OF VARIATIONS

PONTRYAGIN PRINCIPLE--(cont.)

MAXIMUM PRINCIPLE
OPTIMIZATION
REACTION TIME

POPULATION INVERSION

GS INVERSIONS
RT . **POPULATION INVERSION**
ELECTRON PUMPING
ENERGY LEVELS
MOLECULAR RELAXATION
NITROGEN LASERS
NUCLEAR PUMPING
POPULATIONS
STIMULATED EMISSION

POPULATION THEORY

RT POPULATIONS
PROBABILITY THEORY
∞ THEORIES

POPULATIONS

RT BIOMASS
DISCRIMINANT ANALYSIS (STATISTICS)
POPULATION INVERSION
POPULATION THEORY
PREDATORS
∞ STATISTICS

PORCELAIN

GS CERAMICS
RT . **PORCELAIN**
REFRACTORY MATERIALS
RT . **PORCELAIN**
CERAMIC COATINGS
ENAMELS
GLASS
GLAZES
SILICON DIOXIDE
VITREOUS MATERIALS
VITRIFICATION

PORES

USE POROSITY

POROSITY

UF PORES
GS **POROSITY**
MICROPOROSITY
RT AQUIFERS
BUOYANCY
COMPRESSIBILITY
DEFECTS
∞ DENSITY
DENSITY (MASS/VOLUME)
FORMATIONS
GAS INJECTION
HOLE DISTRIBUTION (MECHANICS)
HYGRAL PROPERTIES
IMPREGNATING
INFILTRATION
INTERSTICES
LEAKAGE
MOISTURE RESISTANCE
PERMEABILITY
PERMEATING
PINHOLES
POROUS BOUNDARY LAYER CONTROL
POROUS MATERIALS
POROUS PLATES
∞ PROPERTIES
SINTERING
TEXTURES
VOID RATIO
VOIDS
WETTABILITY

POROUS AIRFOILS

USE POROUS BOUNDARY LAYER CONTROL

POROUS BOUNDARY LAYER CONTROL

UF POROUS AIRFOILS
GS BOUNDARY LAYER CONTROL
RT . **POROUS BOUNDARY LAYER CONTROL**
∞ CONTROL
CONVECTIVE FLOW
EKMAN LAYER
FREE CONVECTION
HOLES (MECHANICS)
MASS TRANSFER
PERFORATED PLATES
POROSITY
WINGS

POROUS MATERIALS

RT AEROGELS
BRITTLE MATERIALS
∞ CELLS
HONEYCOMB STRUCTURES
INTERSTICES
LOW DENSITY MATERIALS
∞ MATERIALS
METAL POWDER
POROSITY
POWDER METALLURGY
SANDS
SOILS
SPONGES (MATERIALS)

POROUS PLATES

GS STRUCTURAL MEMBERS
PLATES (STRUCTURAL MEMBERS)
RT . **POROUS PLATES**
LOW DENSITY MATERIALS
POROSITY

POROUS WALLS

GS WALLS
RT . **POROUS WALLS**
∞ DIFFUSERS

PORPHINES

GS ORGANOMETALLIC COMPOUNDS
RT . **PORPHINES**
CHLOROPHYLLS
HEMOGLOBIN

PORPHYRA

GS PLANTS (BOTANY)
ALGAE
RT . **PORPHYRA**

PORPHYRINS

GS **PORPHYRINS**
CHLOROPHYLLS
RT HEMOGLOBIN

PORPOISES

GS ANIMALS
VERTEBRATES
MAMMALS
MARINE MAMMALS
RT . **PORPOISES**

PORTABLE EQUIPMENT

RT ∞ EQUIPMENT
LIXISCOPES
LOGISTICS
MOBILITY
STOWAGE (ONBOARD EQUIPMENT)

PORTABLE LIFE SUPPORT SYSTEMS

UF PLSS
GS SUPPORT SYSTEMS
LIFE SUPPORT SYSTEMS
RT . **PORTABLE LIFE SUPPORT SYSTEMS**
AEPS
IMLSS
RT ARGON-OXYGEN ATMOSPHERES
BIOPAKS
BREATHING APPARATUS
EMERGENCY LIFE SUSTAINING
SYSTEMS
HELIUM-OXYGEN ATMOSPHERES
OXYGEN MASKS
PRESSURE SUITS
∞ SYSTEMS

∞ PORTS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

RT AIRPORTS
DRYDOCKS
HARBORS
PORTS (OPENINGS)
SHIPYARDS
WHARVES

PORTS (OPENINGS)

GS OPENINGS
RT . **PORTS (OPENINGS)**
APERTURES
CAVITIES
DUCTS
EXHAUST SYSTEMS
ORIFICES
OUTLETS

PORTS (OPENINGS)--(cont.)

∞ PORTS
VENTS
∞ WINDOWS
WINDOWS (APERTURES)

PORTUGAL

GS NATIONS
RT . **PORTUGAL**
AZORES
EUROPE
PORTUGUESE SPACE PROGRAM

PORTUGUESE SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
EUROPEAN SPACE PROGRAMS
RT . **PORTUGUESE SPACE PROGRAM**
PORTUGAL

POSEIDON MISSILES

GS MISSILES
BALLISTIC MISSILES
RT . **POSEIDON MISSILES**
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
RT . **POSEIDON MISSILES**
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
SEA LAUNCHING

POSEIDON SATELLITE

GS ARTIFICIAL SATELLITES
FRENCH SATELLITES
RT . **POSEIDON SATELLITE**
TOPEX

∞ POSITION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ATTITUDE (INCLINATION)
POSITION (LOCATION)
POSITION (TITLE)

POSITION (LOCATION)

UF LOCALIZATION
LOCATION
GS **POSITION (LOCATION)**
SOLAR POSITION
RT ALTITUDE
ASTROLABES
AZIMUTH
BEARING (DIRECTION)
COLLATING
COLLOCATION
COORDINATES
DETECTION
DISTANCE
EPHEMERIDES
EXPOSURE
∞ FIXING
GEOMETRY
LATITUDE
LONGITUDE
MISALIGNMENT
NAVIGATION
ORBITAL POSITION ESTIMATION
∞ ORIENTATION
∞ POINTS
POSITION ERRORS
POSITION SENSING
POSITIONING
RADAR BEACONS
SITES
SOUND RANGING
SPATIAL DISTRIBUTION
SPHERICAL COORDINATES
STATIONS
SURVEYS
TRACKING (POSITION)

POSITION (TITLE)

RT EMPLOYEE RELATIONS
EVALUATION
∞ GRADE
PERSONNEL
∞ POSITION
RATINGS

POSITION ERRORS

GS ERRORS
RT . **POSITION ERRORS**
BORESIGHT ERROR
ASTROLABES

POSITION ERRORS--(cont.)

ERROR SIGNALS
NAVIGATION
OPTICAL CORRECTION PROCEDURE
ORBITAL POSITION ESTIMATION
POSITIONING
VELOCITY ERRORS

POSITION INDICATORS

GS DISPLAY DEVICES
 . **POSITION INDICATORS**
 . PLAN POSITION INDICATORS
 . RADIO DIRECTION FINDERS
 . SPACECRAFT POSITION INDICATORS
MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . **POSITION INDICATORS**
 . PLAN POSITION INDICATORS
 . RADIO DIRECTION FINDERS
 . SPACECRAFT POSITION INDICATORS
RT AIRCRAFT INSTRUMENTS
 ALTIMETERS
 BEACONS
 DISTANCE MEASURING EQUIPMENT
 FLIGHT INSTRUMENTS
 GLOBAL POSITIONING SYSTEM
 HEAD-UP DISPLAYS
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 PLOTTERS
 POSITION SENSING
 RANGE FINDERS
 ROCKET-BORNE INSTRUMENTS
 SEXTANTS
 SOLAR COMPASSES
 SOUND LOCALIZATION

POSITION SENSING

RT COMPUTER VISION
 ELECTRO-OPTICS
 POSITION (LOCATION)
 POSITION INDICATORS
 ROBOTICS

POSITIONING

RT ADJUSTING
 ALIGNMENT
 AMBIGUITY
 COLLATING
 COLLOCATION
 DISPLACEMENT
 DISTRIBUTING
 DISTRIBUTION
 EXPOSURE
 FITTING
 FIXING
 GLOBAL POSITIONING SYSTEM
 INSTRUMENT ORIENTATION
 JOINING
 LATITUDE MEASUREMENT
 LONGITUDE MEASUREMENT
 LOOK ANGLES (ELECTRONICS)
 NAVIGATION
 ORIENTATION
 PLY ORIENTATION
 POSITION (LOCATION)
 POSITION ERRORS
 RADIO NAVIGATION
 RELOCATION
 SATELLITE DOPPLER POSITIONING
 SETTING
 SPACING
 STATIONKEEPING

POSITIONING DEVICES (MACHINERY)

GS **POSITIONING DEVICES (MACHINERY)**
 . BOOMS (EQUIPMENT)
 . CAMS
 . JIGS
RT . DEVICES
 HOLDERS
 JACKS (LIFTS)
 MACHINERY
 SLEWING

POSITIVE FEEDBACK

UF REGENERATIVE FEEDBACK
GS FEEDBACK
 . **POSITIVE FEEDBACK**
RT AMPLIFICATION
 FEEDBACK AMPLIFIERS
 MULTIVIBRATORS
 NONLINEAR FEEDBACK
 OSCILLATORS

POSITIVE FEEDBACK--(cont.)

REGENERATION (ENGINEERING)
SELF OSCILLATION
TRANSFER FUNCTIONS

POSITIVE IONS

GS IONS
 . **POSITIVE IONS**
 . CATIONS
 . FORMYL IONS
 . VANADYL RADICAL
 . HYDRONIUM IONS
RT ATOMS
 HYDROGEN IONS
 ION DENSITY (CONCENTRATION)
 IONIC MOBILITY
 IONOSPHERIC ION DENSITY
 MAGNETOSPHERIC ION DENSITY
 METAL IONS
 MOLECULAR IONS
 MONATOMIC MOLECULES
 POLYATOMIC MOLECULES
 PROTONS
 TRIVALENT IONS
 VALENCE

POSITRON ANNIHILATION

UF ELECTRON-POSITRON ANNIHILATION
GS ANNIHILATION REACTIONS
 . **POSITRON ANNIHILATION**
RT ANTIPARTICLES
 ELECTRON-POSITRON PAIRS
 ELEMENTARY PARTICLES
 MATTER-ANTIMATTER PROPULSION
 NUCLEAR PARTICLES
 PAIR PRODUCTION
 PARTICLES

POSITRONIUM

RT ATOMS
 EXCITONS

POSITRONS

GS ANTIMATTER
 . ANTIPARTICLES
 . **POSITRONS**
 . PARTICLES
 . CHARGED PARTICLES
 . **POSITRONS**
 . ELEMENTARY PARTICLES
 . ANTIPARTICLES
 . **POSITRONS**
 . NUCLEAR PARTICLES
 . ANTIPARTICLES
 . **POSITRONS**
RT ELECTRON-POSITRON PAIRS
 ELECTRON-POSITRON PLASMAS
 PAIR PRODUCTION

POST BOOST PROPULSION SYSTEM

RT ASCENT TRAJECTORIES
 PROPULSION
 PROPULSION SYSTEM CONFIGURATIONS
 ROCKET ENGINES
 SPACECRAFT PROPULSION
 SYSTEMS
 TRAJECTORY CONTROL

POST-BLAST NUCLEAR RADIATION

GS NUCLEAR RADIATION
 . **POST-BLAST NUCLEAR RADIATION**
RT FALLOUT
 HALF LIFE
 RADIANT FLUX DENSITY
 RADIATION
 RADIATION EFFECTS
 RADIOACTIVE DECAY
 RADIOACTIVITY
 VELA SATELLITES

POSTAMPLIFIERS

GS AMPLIFIERS
 . **POSTAMPLIFIERS**
RT PREAMPLIFIERS

POSTERIOR SECTIONS

RT ANATOMY
 DORSAL SECTIONS

POSTFLIGHT ANALYSIS

RT . ANALYZING
 . PERFORMANCE
 POSTMISSION ANALYSIS (SPACECRAFT)

POSTLAUNCH REPORTS

GS DOCUMENTS
 . **POSTLAUNCH REPORTS**
 REPORTS
RT . **POSTLAUNCH REPORTS**
 PRELAUNCH SUMMARIES
 SPACECRAFT LAUNCHING
 SPACECRAFT PERFORMANCE
 SUMMARIES

POSTMISSION ANALYSIS (SPACECRAFT)

RT FLIGHT TESTS
 POSTFLIGHT ANALYSIS

POSTULATES

USE AXIOMS

POSTURE

RT HUMAN BODY
 ORTHOSTATIC TOLERANCE
 PHYSICAL FITNESS

POTABLE LIQUIDS

GS LIQUIDS
 . **POTABLE LIQUIDS**
 . BEVERAGES
 . WINES
 . **POTABLE WATER**
RT PURITY

POTABLE WATER

GS LIQUIDS
 . **POTABLE LIQUIDS**
 . **POTABLE WATER**
 WATER
 . **POTABLE WATER**
RT COLD WATER
 CONSERVATION
 CONSUMABLES (SPACECREW SUPPLIES)
 DROUGHT
 FRESH WATER
 GROUND WATER
 LIMNOLOGY
 MODULAR INTEGRATED UTILITY SYSTEM
 OASES
 PURIFICATION
 SANITATION
 SPRINGS (WATER)
 WATER MANAGEMENT
 WATER RESOURCES
 WATER TABLES
 WATER TREATMENT

POTASSIUM

GS CHEMICAL ELEMENTS
 . ALKALI METALS
 . **POTASSIUM**
 . LIQUID POTASSIUM
 . POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
 METALS
 . ALKALI METALS
 . **POTASSIUM**
 . LIQUID POTASSIUM
 . POTASSIUM ISOTOPES
 POTASSIUM 38
 POTASSIUM 39
 POTASSIUM 40
RT ELECTROLYTE METABOLISM
 KREEP

POTASSIUM ALLOYS

GS ALLOYS
 . **POTASSIUM ALLOYS**

POTASSIUM BROMIDES

GS HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . BROMIDES
 . **POTASSIUM BROMIDES**
 . HALIDES
 . BROMIDES
 . **POTASSIUM BROMIDES**
 . METAL HALIDES
 . **POTASSIUM BROMIDES**
 POTASSIUM COMPOUNDS
 . **POTASSIUM BROMIDES**

POTASSIUM CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . CHLORIDES

POTASSIUM CHLORIDES--(cont.)

- ... POTASSIUM CHLORIDES
- ... HALIDES
- ... CHLORIDES
- ... POTASSIUM CHLORIDES
- ... METAL HALIDES
- ... POTASSIUM CHLORIDES
- POTASSIUM COMPOUNDS
- POTASSIUM CHLORIDES

POTASSIUM CHROMATES

- GS CHROMIUM COMPOUNDS
- ... CHROMATES
- ... POTASSIUM CHROMATES
- POTASSIUM COMPOUNDS
- POTASSIUM CHROMATES

POTASSIUM COMPOUNDS

- GS POTASSIUM COMPOUNDS
- ... ALUM
- ... NEPHELINE
- ... POTASSIUM BROMIDES
- ... POTASSIUM CHLORIDES
- ... POTASSIUM CHROMATES
- ... POTASSIUM HYDRIDES
- ... POTASSIUM HYDROXIDES
- ... POTASSIUM IODIDES
- ... POTASSIUM NITRATES
- ... POTASSIUM OXIDES
- ... POTASSIUM PERCHLORATES
- ... POTASSIUM PEROXIDES
- ... POTASSIUM PHOSPHATES
- ... POTASSIUM SILICATES
- RT ∞ ALKALI METAL COMPOUNDS
- ∞ CHEMICAL COMPOUNDS
- ∞ METAL COMPOUNDS

POTASSIUM HYDRIDES

- GS HYDROGEN COMPOUNDS
- ... HYDRIDES
- ... METAL HYDRIDES
- ... POTASSIUM HYDRIDES
- POTASSIUM COMPOUNDS
- POTASSIUM HYDRIDES

POTASSIUM HYDROXIDES

- GS BASES (CHEMICAL)
- ... ALKALIES
- ... POTASSIUM HYDROXIDES
- HYDROXIDES
- POTASSIUM HYDROXIDES
- POTASSIUM COMPOUNDS
- POTASSIUM HYDROXIDES

POTASSIUM IODIDES

- GS HALOGEN COMPOUNDS
- ... HALIDES
- ... METAL HALIDES
- ... ALKALI HALIDES
- ... POTASSIUM IODIDES
- ... IODINE COMPOUNDS
- ... IODIDES
- ... POTASSIUM IODIDES
- POTASSIUM COMPOUNDS
- POTASSIUM IODIDES

POTASSIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 38
- ... POTASSIUM 39
- ... POTASSIUM 40
- ... NUCLIDES
- ... ISOTOPES
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 38
- ... POTASSIUM 39
- ... POTASSIUM 40
- METALS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 38
- ... POTASSIUM 39
- ... POTASSIUM 40

POTASSIUM NITRATES

- GS NITROGEN COMPOUNDS
- ... NITRATES
- ... INORGANIC NITRATES
- ... POTASSIUM NITRATES
- POTASSIUM COMPOUNDS
- POTASSIUM NITRATES

POTASSIUM OXIDES

- GS CHALCOGENIDES
- ... OXIDES
- ... METAL OXIDES
- ... POTASSIUM OXIDES
- POTASSIUM COMPOUNDS
- POTASSIUM OXIDES

POTASSIUM PERCHLORATES

- GS HALOGEN COMPOUNDS
- ... CHLORINE COMPOUNDS
- ... PERCHLORATES
- ... POTASSIUM PERCHLORATES
- POTASSIUM COMPOUNDS
- POTASSIUM PERCHLORATES
- RT EXPLOSIVES
- SOLID ROCKET PROPELLANTS

POTASSIUM PEROXIDES

- GS POTASSIUM COMPOUNDS
- POTASSIUM PEROXIDES

POTASSIUM PHOSPHATES

- GS PHOSPHORUS COMPOUNDS
- ... PHOSPHATES
- ... POTASSIUM PHOSPHATES
- POTASSIUM COMPOUNDS
- POTASSIUM PHOSPHATES

POTASSIUM SILICATES

- GS POTASSIUM COMPOUNDS
- POTASSIUM SILICATES
- SILICON COMPOUNDS
- SILICATES
- POTASSIUM SILICATES
- RT MINERALS

POTASSIUM 38

- GS CHEMICAL ELEMENTS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 38
- ... NUCLIDES
- ... ISOTOPES
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 38
- ... RADIOACTIVE ISOTOPES
- ... POTASSIUM 38
- METALS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 38

POTASSIUM 39

- GS CHEMICAL ELEMENTS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 39
- ... NUCLIDES
- ... ISOTOPES
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 39
- METALS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 39

POTASSIUM 40

- GS CHEMICAL ELEMENTS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 40
- ... NUCLIDES
- ... ISOTOPES
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 40
- ... RADIOACTIVE ISOTOPES
- ... POTASSIUM 40
- METALS
- ... ALKALI METALS
- ... POTASSIUM
- ... POTASSIUM ISOTOPES
- ... POTASSIUM 40

POTATOES

- GS FARM CROPS
- ... POTATOES
- PLANTS (BOTANY)
- POTATOES
- VEGETABLES

POTENTIOMETERS (INSTRUMENTS)**POTATOES--(cont.)**

- POTATOES
- RT ∞ FOOD

 ∞ POTENTIAL

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT COULOMB POTENTIAL
- ELECTRIC POTENTIAL
- GEOPOTENTIAL
- IONIZATION POTENTIALS
- KLEIN-DUNHAM POTENTIAL
- MYOELECTRIC POTENTIALS
- NUCLEON POTENTIAL
- OPEN CIRCUIT VOLTAGE
- PLASMA POTENTIALS
- POTENTIAL ENERGY
- POTENTIAL FIELDS
- POTENTIAL THEORY
- YUKAWA POTENTIAL

POTENTIAL ENERGY

- GS POTENTIAL ENERGY
- ... ELECTRIC POTENTIAL
- ... BIOELECTRIC POTENTIAL
- ... CONTACT POTENTIALS
- ... COULOMB POTENTIAL
- ... LIENARD POTENTIAL
- ... LOW VOLTAGE
- ... OPEN CIRCUIT VOLTAGE
- ... PHOTOVOLTAGES
- ... QUANTUM WELLS
- ... SPIKE POTENTIALS
- ... THRESHOLD VOLTAGE
- ... GEOPOTENTIAL HEIGHT
- ... IONIZATION POTENTIALS
- ... NUCLEAR POTENTIAL
- ... PLASMA POTENTIALS
- RT CHEMICAL ENERGY
- ELECTRIC ENERGY STORAGE
- ∞ ENERGY
- ENERGY STORAGE
- FROUDE NUMBER
- GEOPOTENTIAL
- INTERNAL ENERGY
- KINETIC ENERGY
- LAGRANGIAN FUNCTION
- MORSE POTENTIAL
- ∞ POTENTIAL

POTENTIAL FIELDS

- RT FIELD THEORY (PHYSICS)
- ∞ POTENTIAL

POTENTIAL FLOW

- UF IRROTATIONAL FLOW
- GS FLUID FLOW
- ... POTENTIAL FLOW
- ... EQUIPOTENTIALS
- RT CARTAN SPACE
- HEAT TRANSMISSION
- INVISCID FLOW
- VORTICITY

POTENTIAL GRADIENTS

- GS GRADIENTS
- ... POTENTIAL GRADIENTS
- RT PRESSURE GRADIENTS
- SPARK GAPS
- TEMPERATURE GRADIENTS

POTENTIAL THEORY

- RT DIFFERENTIAL EQUATIONS
- JACOBI INTEGRAL
- LENNARD-JONES POTENTIAL
- ∞ POTENTIAL
- STREAM FUNCTIONS (FLUIDS)
- ∞ THEORIES

 ∞ POTENTIOMETERS

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT POTENTIOMETERS (INSTRUMENTS)
- POTENTIOMETERS (RESISTORS)

POTENTIOMETERS (INSTRUMENTS)

- GS MEASURING INSTRUMENTS
- ... POTENTIOMETERS (INSTRUMENTS)
- RT BOLOMETERS
- ELECTRIC POTENTIAL
- ELECTRICAL MEASUREMENT
- ELECTROMETERS
- ∞ POTENTIOMETERS

POTENTIOMETERS (INSTRUMENTS)-(cont.)
THERMOCOUPLE PYROMETERS
THERMOCOUPLES
VOLTMETERS

POTENTIOMETERS (RESISTORS)

GS ATTENUATORS
RESISTORS
RT ∞ **POTENTIOMETERS (RESISTORS)**
POTENTIOMETERS

POTENTIOMETRIC ANALYSIS

UF POTENTIOMETRY
GS CHEMICAL TESTS
CHEMICAL ANALYSIS
POTENTIOMETRIC ANALYSIS

POTENTIOMETRY

USE POTENTIOMETRIC ANALYSIS

POTETZ AIRCRAFT

RT ∞ AIRCRAFT

POTOMAC RIVER VALLEY (MD-VA-WV)

GS VALLEYS
POTOMAC RIVER VALLEY (MD-VA-WV)
RT DISTRICT OF COLUMBIA
MARYLAND
VIRGINIA
WEST VIRGINIA

POTTING COMPOUNDS

RT ∞ COMPOUNDS
ENCAPSULATING
INSULATION

POURING

RT CASTING
CASTINGS

POWDER (PARTICLES)

GS PARTICLES
POWDER (PARTICLES)
FINES
METAL POWDER
PLATINUM BLACK
POWDERED ALUMINUM
SINTERED ALUMINUM POWDER
RT COMPRESSIBILITY
CROP DUSTING
DUST
EXPLOSIVES
FLAKES
FLOUR (FOOD)
GRANULAR MATERIALS
OBSIDIAN
PUMICE
SIZE SEPARATION

POWDER METALLURGY

RT ALLOYING
ALLOYS
AUTOCLAVING
CERMETS
COMBUSTION SYNTHESIS
COMMUNITION
COMPACTING
COMPOSITE MATERIALS
ELECTRODEPOSITION
LIQUID PHASE SINTERING
LOW DENSITY MATERIALS
METAL MATRIX COMPOSITES
METAL PARTICLES
METAL POWDER
 ∞ METALLURGY
MIXED CRYSTALS
POROUS MATERIALS
PREFORMS
REACTION BONDING
SINTERED ALUMINUM POWDER
SINTERING
VACUUM MELTING

POWDERED ALUMINUM

GS PARTICLES
METAL PARTICLES
METAL POWDER
POWDERED ALUMINUM
SINTERED ALUMINUM POWDER
POWDER (PARTICLES)
METAL POWDER
POWDERED ALUMINUM
SINTERED ALUMINUM POWDER
RT ALUMINUM

POWDERED ALUMINUM-(cont.)

LITHIUM ALUMINUM HYDRIDES

POWDERED METALS

USE METAL POWDER

∞ **POWER**

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ELECTRIC GENERATORS
FLUID POWER
FLUX (RATE)
FLUX DENSITY
HORSEPOWER
RESOLUTION
THRUST

POWER AMPLIFIERS

GS AMPLIFIERS
POWER AMPLIFIERS
RT AMPLIDYNES
CYCLOTRON RESONANCE DEVICES
FEEDBACK AMPLIFIERS
MAGNETIC AMPLIFIERS
PARAMETRIC AMPLIFIERS
PUSH-PULL AMPLIFIERS
TRANSISTOR AMPLIFIERS
TRAVELING WAVE AMPLIFIERS

POWER BEAMING

UF BEAMED POWER
GS **POWER BEAMING**
LASER POWER BEAMING
MICROWAVE POWER BEAMING
SATELLITE POWER TRANSMISSION
RT ENERGY CONVERSION
LASER PROPULSION
MICROWAVE TRANSMISSION
 ∞ POWER TRANSMISSION
SOLAR POWER SATELLITES
SPACECRAFT POWER SUPPLIES

POWER CONDITIONING

UF POWER PROCESSING SYSTEMS
RT ∞ CONDITIONING
ELECTRIC CURRENT
ELECTRIC GENERATORS
ELECTRIC POTENTIAL
ENERGY CONVERSION
ENERGY CONVERSION EFFICIENCY
OUTPUT
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS

POWER CONVERTERS

RT ∞ CONVERTERS
TORQUE CONVERTERS

POWER DENSITY (ELECTROMAGNETIC)

USE RADIANT FLUX DENSITY

POWER EFFICIENCY

GS EFFICIENCY
POWER EFFICIENCY
RT COMBUSTION EFFICIENCY
COMPRESSOR EFFICIENCY
HORSEPOWER
NOZZLE EFFICIENCY
POWER FACTOR CONTROLLERS
 ∞ POWER LOSS
PROPELLER EFFICIENCY
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
THERMODYNAMIC EFFICIENCY
TRANSMISSION EFFICIENCY

POWER FACTOR CONTROLLERS

GS CONTROLLERS
POWER FACTOR CONTROLLERS
RT CURRENT REGULATORS
ELECTRIC MOTORS
ENERGY CONSERVATION
ENERGY CONVERSION EFFICIENCY
INDUCTION MOTORS
POWER EFFICIENCY
VOLTAGE REGULATORS

POWER GAIN

GS AMPLIFICATION
POWER GAIN
RT CATT DEVICES
HIGH GAIN

POWER GAIN-(cont.)

OPEN CIRCUIT VOLTAGE

POWER GENERATORS

USE ELECTRIC GENERATORS

POWER LIMITED SPACECRAFT

RT ∞ SPACECRAFT

POWER LIMITERS

RT ATTENUATORS
CLAMPING CIRCUITS
CLIPPER CIRCUITS
LIMITER CIRCUITS

POWER LINES

GS TRANSMISSION LINES
POWER LINES
RT BUS CONDUCTORS
 ∞ CABLES
COAXIAL CABLES
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
SUBMARINE CABLES
SUPERCONDUCTING POWER
TRANSMISSION
UNDERGROUND TRANSMISSION LINES

∞ **POWER LOSS**

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ENERGY DISSIPATION
POWER EFFICIENCY

POWER MODULES (STS)

GS MODULES
POWER MODULES (STS)
RT ORBITAL MANEUVERING VEHICLES
PAYLOAD DELIVERY (STS)
SOLAR ARRAYS
SPACE TRANSPORTATION SYSTEM
SPACECRAFT POWER SUPPLIES

∞ **POWER PLANTS**

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COGENERATION
ELECTRIC POWER PLANTS
ENGINES
ENRICO FERMI ATOMIC POWER PLANT
GEOTHERMAL ENERGY UTILIZATION
HALLAM NUCLEAR POWER FACILITY
HYDROELECTRIC POWER STATIONS
HYDROELECTRICITY
ML-1 NUCLEAR POWER PLANT
SOLAR SEA POWER PLANTS
SOLAR THERMAL ELECTRIC POWER
PLANTS

POWER PROCESSING SYSTEMS

USE POWER CONDITIONING

POWER REACTORS

RT NUCLEAR POWER REACTORS
 ∞ REACTORS
SATURABLE REACTORS

POWER SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
REAL VARIABLES
SERIES (MATHEMATICS)
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
RT ANALYTIC FUNCTIONS
BESSEL FUNCTIONS

POWER SPECTRA

GS SPECTRA
POWER SPECTRA
CEPSTRA
RT ACOUSTICS
CEPSTRAL ANALYSIS
ENERGY SPECTRA
FLUX DENSITY
LOUDNESS
MAXIMUM ENTROPY METHOD

∞ POWER SUPPLIES

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT AIRCRAFT ENGINES
AIRCRAFT POWER SUPPLIES
AUXILIARY POWER SOURCES
ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRIC POWER SUPPLIES
ELECTRON SOURCES
ENERGY REQUIREMENTS
HEAT SOURCES
LEAD ACID BATTERIES
LINE CURRENT
LITHIUM SULFUR BATTERIES
NUCLEAR AUXILIARY POWER UNITS
PLASMA POWER SOURCES
PROPELLANTS
RECTIFIERS
SOLAR GENERATORS
SPACECRAFT POWER SUPPLIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

POWER SUPPLY CIRCUITS

- GS CIRCUITS
. **POWER SUPPLY CIRCUITS**
- RT CURRENT REGULATORS
RECTIFIERS
TRANSFORMERS
VOLTAGE CONVERTERS (DC TO DC)
VOLTAGE REGULATORS

∞ POWER TRANSMISSION

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT BUS CONDUCTORS
ELECTRIC OUTLETS
ELECTRIC POWER TRANSMISSION
ELECTRICAL ENGINEERING
ELECTRIFICATION
HYDROELECTRIC POWER STATIONS
MECHANICAL DRIVES
POWER BEAMING
WINDMILLS (WINDPOWERED MACHINES)

POWER TRANSMISSION (LASERS)

- USE LASER POWER BEAMING

POWER TRANSMISSION (MICROWAVE)

- USE MICROWAVE POWER BEAMING

POWERED LIFT AIRCRAFT

- RT ∞ AIRCRAFT
EXTERNALLY BLOWN FLAPS
SHORT TAKEOFF AIRCRAFT
STOVL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

POWERED MODELS

- SN (LIMITED TO TEST FACILITIES)
GS MODELS
. WIND TUNNEL MODELS
. **POWERED MODELS**
- RT AIRCRAFT MODELS
DYNAMIC MODELS

POYNTING THEOREM

- GS THEOREMS
. **POYNTING THEOREM**
- RT ∞ ELECTRIC POWER
ELECTROMAGNETIC RADIATION
ENERGY TRANSFER
MAXWELL EQUATION
VECTOR ANALYSIS

POYNTING-ROBERTSON EFFECT

- RT ∞ EFFECTS
MICROMETEORIODS
ORBITAL MECHANICS
RADIATION EFFECTS
ZODIACAL DUST
ZODIACAL LIGHT

PPI (POSITION INDICATORS)

- USE PLAN POSITION INDICATORS

PPM (MODULATION)

- USE PULSE POSITION MODULATION

PRACTICES

- USE PROCEDURES

PRAESEPE STAR CLUSTERS

- GS CELESTIAL BODIES
. STAR CLUSTERS
. OPEN CLUSTERS
. **PRAESEPE STAR CLUSTERS**
. STARS
. **PRAESEPE STAR CLUSTERS**
- RT ∞ CLUSTERS

PRAETERSONIC DEVICES

- RT MICROWAVE FREQUENCIES
PIEZOELECTRIC TRANSDUCERS
THIN FILMS
ULTRAHIGH FREQUENCIES

PRAIRIES

- USE GRASSLANDS

PRANDTL NUMBER

- GS RATIOS
. DIMENSIONLESS NUMBERS
. **PRANDTL NUMBER**
- RT FORCED CONVECTION
GRASHOF NUMBER
HEAT TRANSFER
INVISCID FLOW
MOMENTUM TRANSFER
NUSSLT NUMBER
PECLET NUMBER
REYNOLDS NUMBER
SCHMIDT NUMBER
THERMODYNAMIC PROPERTIES
VISCOUS FLOW

PRANDTL-MEYER EXPANSION

- GS EXPANSION
. **PRANDTL-MEYER EXPANSION**
- RT BLASIUS EQUATION
FALKNER-SKAN EQUATION
FLOW DEFLECTION
LAMINAR FLOW
METHOD OF CHARACTERISTICS
NEWTON PRESSURE LAW
SUPERSONIC FLOW
TWO DIMENSIONAL FLOW

PRASEODYMIUM

- GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. **PRASEODYMIUM**
. PRASEODYMIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. **PRASEODYMIUM**
. PRASEODYMIUM ISOTOPES
- RT DIDYMIUM
PRASEODYMIUM COMPOUNDS

PRASEODYMIUM COMPOUNDS

- GS RARE EARTH COMPOUNDS
. **PRASEODYMIUM COMPOUNDS**
- RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS
PRASEODYMIUM

PRASEODYMIUM ISOTOPES

- UF PRASEODYMIUM 144
GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. **PRASEODYMIUM ISOTOPES**
. RARE EARTH ELEMENTS
. PRASEODYMIUM
. **PRASEODYMIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. PRASEODYMIUM
. **PRASEODYMIUM ISOTOPES**

PRASEODYMIUM 144

- USE PRASEODYMIUM ISOTOPES

PRE-IMBRIAN PERIOD

- RT LUNAR COMPOSITION
LUNAR CRATERS
LUNAR EVOLUTION
LUNAR GEOLOGY
LUNAR ROCKS

PRE-MAIN SEQUENCE STARS

- GS CELESTIAL BODIES
. STARS
. PROTOSTARS
. **PRE-MAIN SEQUENCE STARS**

PRECIPITATION (CHEMISTRY)**PRE-MAIN SEQUENCE STARS--(cont.)**

- T TAURI STARS
- RT MAIN SEQUENCE STARS
STAR FORMATION
STELLAR EVOLUTION

PREAMPLIFIERS

- UF PRESELECTORS
GS AMPLIFIERS
. **PREAMPLIFIERS**
- RT INTERMEDIATE FREQUENCY AMPLIFIERS
LOW NOISE
MIXING CIRCUITS
POSTAMPLIFIERS
SIGNAL DETECTION
SIGNAL DETECTORS
SIGNAL RECEPTION
TRANSISTOR AMPLIFIERS
VOLTAGE AMPLIFIERS

PREBURNERS

- GS PRESSURE VESSELS
. **PREBURNERS**
- RT PUMPS
TURBINE PUMPS

PRECAMBRIAN PERIOD

- RT BALTIC SHIELD (EUROPE)
CAMBRIAN PERIOD
CANADIAN SHIELD
GEOLOGY
PALEONTOLOGY
PALEOZOIC ERA

PRECAUTIONS

- USE ACCIDENT PREVENTION

PRECESSION

- GS GYRATION
. **PRECESSION**
. LARMOR PRECESSION
. PROTON PRECESSION
. QUENCHING (ATOMIC PHYSICS)
- RT EARTH ORIENTATION
GYROSCOPES
GYROSCOPIC STABILITY
LARMOR RADIUS
LIBRATION
MUON SPIN ROTATION
NUTATION
POLAR WANDERING (GEOLOGY)
ROTATION
VORTEX PRECESSION

PRECIOUS METALS

- USE NOBLE METALS

PRECIPITATES

- SN (EXCLUDES METEOROLOGICAL
PRECIPITATES)
- RT ALLOYS
GRAIN BOUNDARIES
MICROSTRUCTURE
PRECIPITATION (CHEMISTRY)
PRECIPITATION HARDENING
REACTION PRODUCTS

∞ PRECIPITATION

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERM
LISTED BELOW)
- RT DROP SIZE
ELECTRON PRECIPITATION
FALLING
HYDROMETALLURGY
MATERIALS RECOVERY
PARTICLE PRECIPITATION
PRECIPITATION (CHEMISTRY)
PRECIPITATION (METEOROLOGY)
PROTON PRECIPITATION

PRECIPITATION (CHEMISTRY)

- RT AGGLOMERATION
CEMENTATION
∞ CHEMISTRY
COAGULATION
COLLOIDING
CONCENTRATING
CRYSTALLIZATION
DEPOSITION
DISSOLVING
FILTRATION
FLOCCULATING
HYDROMETALLURGY

PRECIPITATION (CHEMISTRY)--(cont.)

HYDROMETEOROLOGY
MATERIALS RECOVERY
PRECIPITATES
∞PRECIPITATION
PRECIPITATORS
∞SATURATION
SATURATION (CHEMISTRY)
∞SEPARATION
SETTLING
SOLUBILITY
SUPERSATURATION
UNSATURATION (CHEMISTRY)

PRECIPITATION (METEOROLOGY)**GS PRECIPITATION (METEOROLOGY)**

. GRAUPEL
. HAIL
. RAIN
. . ACID RAIN
. SNOW
. SNOW COVER
RT ALPINE METEOROLOGY
ANVIL CLOUDS
ATMOSPHERIC MOISTURE
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLIMATOLOGY
CLOUD PHYSICS
CLOUD SEEDING
CLOUDS (METEOROLOGY)
CUMULONIMBUS CLOUDS
CYCLONES
DEW
DRAINAGE PATTERNS
DROUGHT
FLOOD DAMAGE
FLOOD PREDICTIONS
FLOODS
FOG
FOG DISPERSAL
HAILSTORMS
HUMIDITY
HYDROLOGICAL CYCLE
HYDROLOGY
HYDROLOGY MODELS
HYDROMETEOROLOGY
INTERNATIONAL HYDROLOGICAL
DECADE
METEOROLOGICAL PARAMETERS
METEOROLOGY
MIST
MONSOONS
NEPHANALYSIS
NIMBOSTRATUS CLOUDS
∞PRECIPITATION
RAINMAKING
RAINSTORMS
∞SATURATION
SNOWSTORMS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
STORMS
STORMS (METEOROLOGY)
WATER
WATER RESOURCES
WATERSHEDS
WEATHER
WEATHER FORECASTING

PRECIPITATION HARDENING

UF AGE HARDENING
DISPERSION PRECIPITATION HARDENING
STRAIN AGING
GS HARDENING (MATERIALS)
. PRECIPITATION HARDENING
. . MARAGING
RT COLD HARDENING
EUTECTIC COMPOSITES
HEAT TREATMENT
PRECIPITATES
SOLID SOLUTIONS
STRAIN HARDENING
SUPERSATURATION
TIME TEMPERATURE PARAMETER

PRECIPITATION PARTICLE MEASUREMENT

GS SIZE DETERMINATION
. PRECIPITATION PARTICLE
MEASUREMENT
RT DROP SIZE
METEOROLOGICAL RADAR
PARTICLE SIZE DISTRIBUTION

PRECIPITATION PARTICLE MEASUREMENT--(cont.)**PARTICLES****PRECIPITATORS**

GS SEPARATORS
. PRECIPITATORS
. . ELECTROSTATIC PRECIPITATORS
RT AIR FILTERS
CONCENTRATORS
DUST COLLECTORS
PRECIPITATION (CHEMISTRY)
THICKENERS (EQUIPMENT)

PRECISION

UF EXACTNESS
RT ACCURACY
ALLOWANCES
CONFIDENCE LIMITS
CONSISTENCY
DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
GEOMETRIC DILUTION OF PRECISION
HIGH RESOLUTION
HYSTERESIS
QUALITY
QUALITY CONTROL
RELIABILITY
RESOLUTION
SCHEDULES
SENSITIVITY
∞SHARPNESS
TOLERANCES (MECHANICS)
TRUNCATION ERRORS
VALIDITY

PRECISION GUIDED PROJECTILES

GS MISSILES
. PRECISION GUIDED PROJECTILES
PROJECTILES
. PRECISION GUIDED PROJECTILES
WEAPONS
. WARHEADS
. . PRECISION GUIDED PROJECTILES
RT ∞BOMBS
TERMINAL BALLISTICS

PRECONDITIONING

GS PREPARATION
. PRECONDITIONING
RT ∞CONDITIONING

PRECOOLING

GS COOLING
. PRECOOLING
RT REGENERATIVE COOLING

PREDATORS

RT ANIMALS
ECOLOGY
ECOSYSTEMS
POPULATIONS

PREDICATE CALCULUS

GS MATHEMATICAL LOGIC
. PREDICATE CALCULUS
RT ARTIFICIAL INTELLIGENCE
∞LOGIC
THEOREM PROVING

PREDICATE LOGIC

RT ARTIFICIAL INTELLIGENCE
LINGUISTICS
∞LOGIC
PROGRAMMING LANGUAGES
SEMANTICS

PREDICTION ANALYSIS TECHNIQUES

GS FORECASTING
. PREDICTION ANALYSIS TECHNIQUES
SCHEDULING
. PREDICTION ANALYSIS TECHNIQUES
RT ∞ANALYZING
PARAMETER IDENTIFICATION
PERFORMANCE PREDICTION
SYSTEM IDENTIFICATION
TREND ANALYSIS

PREDICTION RECORDING

GS RECORDING
. PREDICTION RECORDING
RT PREDICTIONS

PREDICTIONS

UF PREDICTORS
GS PREDICTIONS
. FLOOD PREDICTIONS
. IMPACT PREDICTION
. LINEAR PREDICTION
. NOISE PREDICTION
. NOISE PREDICTION (AIRCRAFT)
. PERFORMANCE PREDICTION
. ROSKHO PREDICTION
RT CATASTROPHE THEORY
CONFIDENCE LIMITS
CONTINGENCY
DELPHI METHOD (FORECASTING)
ESTIMATES
FORECASTING
MAXIMUM LIKELIHOOD ESTIMATES
MISSION PLANNING
PATTERN METHOD (FORECASTING)
PREDICTION RECORDING
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
∞PROJECTION
RISK
SCHEDULES
TECHNOLOGICAL FORECASTING

PREDICTOR-CORRECTOR METHODS

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . APPROXIMATION
. . . PREDICTOR-CORRECTOR METHODS
. . . ITERATION
. . . PREDICTOR-CORRECTOR METHODS
RT DIFFERENTIAL EQUATIONS
ITERATIVE SOLUTION

PREDICTORS

USE PREDICTIONS

PREEMPTING

RT CLAIMING
PREVENTION

PREFIRING TESTS

GS ENGINE TESTS
. PREFIRING TESTS
RT CAPTIVE TESTS
CHECKOUT
GROUND TESTS
PREFLIGHT ANALYSIS
PRELAUNCH TESTS
ROCKET ENGINE DESIGN
SPACE VEHICLE CHECKOUT PROGRAM
STATIC TESTS
TEST FIRING
TEST STANDS
∞TESTS

PREFLIGHT ANALYSIS

RT ∞ANALYZING
PREFIRING TESTS
SYSTEMS ANALYSIS
∞TESTS
TRAJECTORY ANALYSIS
WEIGHT ANALYSIS

PREFLIGHT OPERATIONS

GS PREFLIGHT OPERATIONS
. AIRCRAFT RUNUP
. COUNTDOWN
RT CREW PROCEDURES (PREFLIGHT)
GROUND TESTS
∞OPERATIONS
PRELAUNCH TESTS
REFUELING

PREFOCUSING

GS FOCUSING
. PREFOCUSING
RT ∞OPTICS

PREFORMS

RT BLANKS
COMPOSITE MATERIALS
MOLDS
POWDER METALLURGY
RESIN TRANSFER MOLDING

PREGNANCY

RT BIRTH

PREHEATERS

USE HEATING EQUIPMENT

PREHEATING
USE HEATING**PREIMPREGNATION**
RT FILAMENT WINDING
PULTRUSION**PREJUDICES**
RT ECONOMICS
IRRATIONALITY
MANAGEMENT
∞ PROPERTIES
PSYCHOLOGY**PRELAUNCH PROBLEMS**
RT COUNTDOWN
∞ PROBLEMS
RELIABILITY
SPACECRAFT RELIABILITY**PRELAUNCH SUMMARIES**
GS SUMMARIES
PRELAUNCH SUMMARIES
RT MISSION PLANNING
POSTLAUNCH REPORTS
SPACECRAFT LAUNCHING**PRELAUNCH TESTS**
GS GROUND TESTS
PRELAUNCH TESTS
STATIC FIRING
RT CAPTIVE TESTS
COLD FLOW TESTS
COUNTDOWN
CREW PROCEDURES (PREFLIGHT)
ENGINE TESTS
LAUNCHING
MISSILE TESTS
PREFIRING TESTS
PREFLIGHT OPERATIONS
SPACECRAFT MAINTENANCE
STATIC TESTS
TEST FIRING
TEST STANDS
∞ TESTS**PRELOADING**
USE PRESTRESSING**PREMATURE OPERATION**
RT ∞ OPERATIONS
PREPARATION**PREMIXED FLAMES**
GS FLAMES
PREMIXED FLAMES
RT CARBURETORS
FLAME PROPAGATION
GAS MIXTURES
MIXING
PREMIXING
REACTING FLOW
TURBULENT COMBUSTION**PREMIXING**
GS MIXING
PREMIXING
RT FUEL-AIR RATIO
FUELS
GAS MIXTURES
HOMOGENIZING
IGNITION
JET MIXING FLOW
PREMIXED FLAMES
SPRAYING**PREPARATION**
GS PREPARATION
PRECONDITIONING
PRETREATMENT
PRESTRESSING
PREWHIRLING
PREWHITENING
RT ASSEMBLING
PREMATURE OPERATION
∞ PRIMING**PREPOLYMERS**
GS PREPOLYMERS
DIMERS
TRIMERS
RT MONOMERS
∞ POLYMERS**PREPREGS**
RT COMPOSITE MATERIALS
EPOXY RESINS
FUNCTIONALLY GRADIENT MATERIALS
LAMINATES
RESIN MATRIX COMPOSITES**PREPROCESSING**
RT DATA PROCESSING
DATA REDUCTION
IMAGE PROCESSING**PRESBYOPIA**
RT VISION**PRESELECTORS**
USE PREAMPLIFIERS**PRESENTATION**
RT INFORMATION**PRESERVATIVES**
RT ADDITIVES
∞ AGENTS
ANTICOAGULANTS
ANTIOXIDANTS
NEUTRALIZERS
PENETRANTS
PRESERVING
RETARDANTS
STABILIZERS (AGENTS)**PRESERVING**
GS FOOD PROCESSING
PRESERVING
RT BIOPAKS
∞ CONTAINERS
CORROSION PREVENTION
COVERINGS
CURING
DEGRADATION
DEHYDRATED FOOD
∞ FOOD
FREEZE DRYING
FREEZING
FROZEN FOODS
IMPREGNATING
IRRADIATION
PACKAGING
PRESERVATIVES
RADIATION EFFECTS
REFRIGERATING
∞ STORAGE
WEATHERPROOFING**PRESIDENTIAL REPORTS**
GS DOCUMENTS
PRESIDENTIAL REPORTS
REPORTS
PRESIDENTIAL REPORTS
RT CONGRESSIONAL REPORTS
PAPERS
RECORDS**PRESINTERING**
USE SINTERING**PRESSES**
GS PRESSES
RAMS (PRESSES)
RT COMPACTING
HAMMERS
MACHINE TOOLS
PLATENS
∞ PRESSING
PRESSING (FORMING)
PUNCHES
TOOLS**PRESSING**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT COLD PRESSING
COMPACTING
COMPRESSING
HOT ISOSTATIC PRESSING
HOT PRESSING
PLATENS
PRESSES
PRESSING (FORMING)**PRESSING (FORMING)**
GS FORMING TECHNIQUES**PRESSING (FORMING)--(cont.)**
PRESSING (FORMING)
BLANKING (CUTTING)
COINING
STAMPING
RT COLD PRESSING
COMPACTING
EXTRUDING
FORGING
HOT ISOSTATIC PRESSING
HOT PRESSING
METAL WORKING
MOLDS
PRESSES
∞ PRESSING
PULTRUSION
SIZING (SHAPING)
UPSETTING**PRESSORS**
USE VASOCONSTRICTOR DRUGS**PRESSURE**
UF SURFACE PRESSURE
GS PRESSURE
ATMOSPHERIC PRESSURE
BASE PRESSURE
BLOOD PRESSURE
DIASTOLIC PRESSURE
HYPERTENSION
HYPOTENSION
LOWER BODY NEGATIVE PRESSURE
SYSTOLIC PRESSURE
CRITICAL PRESSURE
DENSIFICATION
DIFFERENTIAL PRESSURE
DYNAMIC PRESSURE
FLUID PRESSURE
WATER PRESSURE
GAS PRESSURE
GEOPRESSURE
HIGH PRESSURE
INLET PRESSURE
INTERNAL PRESSURE
INTRACRANIAL PRESSURE
INTRAOCULAR PRESSURE
ISOSTATIC PRESSURE
LOW PRESSURE
HIGH ALTITUDE PRESSURE
MIDDLE EAR PRESSURE
OVERPRESSURE
PARTIAL PRESSURE
OXYGEN TENSION
HYPOXEMIA
PLASMA PRESSURE
RADIATION PRESSURE
ELECTRON PRESSURE
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
SOUND PRESSURE
STAGNATION PRESSURE
STATIC PRESSURE
HYDROSTATIC PRESSURE
SUPERCRITICAL PRESSURES
THRUST CHAMBER PRESSURE
TRANSIENT PRESSURES
TRANSITION PRESSURE
VACUUM
HIGH VACUUM
LOW VACUUM
ULTRAHIGH VACUUM
VAPOR PRESSURE
WALL PRESSURE
WIND PRESSURE
RT BARORECEPTORS
BLAST LOADS
CENTER OF PRESSURE
COMPRESSING
EAR PRESSURE TEST
ELASTIC WAVES
ENVIRONMENTS
∞ FORCE
FUEL TANK PRESSURIZATION
GIBBS-HELMHOLTZ EQUATIONS
HEAD (FLUID MECHANICS)
HIGH PRESSURE OXYGEN
IMPACT
ISOBARS (PRESSURE)
LOADS (FORCES)
NEWTON PRESSURE LAW
OSMOSIS
PRESSURE BREATHING
PRESSURE BROADENING

PRESSURE--(cont.)

PRESSURE CHAMBERS
 PRESSURE DISTRIBUTION
 PRESSURE DRAG
 ∞ PRESSURE DROP
 PRESSURE EFFECTS
 PRESSURE GAGES
 PRESSURE GRADIENTS
 PRESSURE HEADS
 PRESSURE ICE
 PRESSURE MEASUREMENT
 PRESSURE MODULATOR RADIOMETERS
 PRESSURE OSCILLATIONS
 PRESSURE PULSES
 PRESSURE RATIO
 PRESSURE RECORDERS
 PRESSURE RECOVERY
 PRESSURE REDUCTION
 PRESSURE SENSORS
 PRESSURE SUITS
 PRESSURE VESSEL DESIGN
 PRESSURE VESSELS
 PRESSURE WELDING
 PRESSURIZED CABINS
 PRESSURIZED WATER REACTORS
 PRESSURIZING
 TEMPERATURE INVERSIONS
 VACUUM CHAMBERS
 WEIGHT (MASS)

PRESSURE BREATHING

GS RESPIRATION
 . **PRESSURE BREATHING**
 RT EMERGENCY BREATHING TECHNIQUES
 LIQUID BREATHING
 PRESSURE
 STRESS (PHYSIOLOGY)

PRESSURE BROADENING

RT LINE SPECTRA
 PRESSURE
 SPECTROSCOPY

PRESSURE CABINS

USE PRESSURIZED CABINS

PRESSURE CHAMBERS

GS COMPARTMENTS
 . TEST CHAMBERS
 . . **PRESSURE CHAMBERS**
 . . . HYPERBARIC CHAMBERS
 . . . VACUUM CHAMBERS
 RT AIR LOCKS
 ∞ CHAMBERS
 ENCLOSURES
 PRESSURE
 PRESSURIZED CABINS
 WIND TUNNEL DRIVES

PRESSURE DEPENDENCE

RT BURNING RATE
 HYDROSTATIC PRESSURE
 REACTION KINETICS

PRESSURE DISTRIBUTION

UF PRESSURE FIELDS
 GS DISTRIBUTION (PROPERTY)
 . **PRESSURE DISTRIBUTION**
 RT AERODYNAMIC COEFFICIENTS
 AERODYNAMIC LOADS
 AERODYNAMIC STABILITY
 CENTER OF PRESSURE
 DIFFERENTIAL PRESSURE
 ∞ DISTRIBUTION
 FIELD THEORY (PHYSICS)
 INFLUENCE COEFFICIENT
 INTERNAL PRESSURE
 ISOBARS (PRESSURE)
 LIFT
 LOADING MOMENTS
 LOADS (FORCES)
 MANOMETERS
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 NEWTON PRESSURE LAW
 PRESSURE
 ∞ PRESSURE DROP
 SHOCK WAVE PROFILES
 SPANWISE BLOWING
 STATIC LOADS
 STRUCTURAL DESIGN CRITERIA
 THEODORSEN TRANSFORMATION
 THRUST DISTRIBUTION
 VELOCITY DISTRIBUTION
 VERTICAL DISTRIBUTION

PRESSURE DISTRIBUTION--(cont.)

WALL PRESSURE

PRESSURE DRAG

GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **PRESSURE DRAG**
 . . . SUPERSONIC DRAG
 . . . WAVE DRAG
 INTERFERENCE DRAG
 RT AERODYNAMIC DRAG
 FRICTION DRAG
 PRESSURE

∞ PRESSURE DROP

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT FLUID POWER
 FRICTION
 GAS FLOW
 HEAD FLOW
 INLET FLOW
 PRESSURE
 PRESSURE DISTRIBUTION
 PRESSURE GRADIENTS
 PRESSURE OSCILLATIONS
 PRESSURE REDUCTION
 TWO PHASE FLOW

PRESSURE EFFECTS

RT BETA FACTOR
 COMPRESSIBILITY EFFECTS
 ∞ EFFECTS
 JET BLAST EFFECTS
 LOADS (FORCES)
 NONISOTHERMAL PROCESSES
 PRESSURE
 SUCTION
 TEMPERATURE EFFECTS
 TEMPERATURE INVERSIONS
 TRANSITION PRESSURE
 VACUUM EFFECTS
 WIND EFFECTS

PRESSURE FIELDS

USE PRESSURE DISTRIBUTION

PRESSURE GAGES

UF BOMBS (PRESSURE GAGES)
 GS MEASURING INSTRUMENTS
 . **PRESSURE GAGES**
 . . BAROMETERS
 . . MANOMETERS
 . . OSMOMETERS
 . . PIEZOELECTRIC GAGES
 . . PIEZOMETERS
 . . VACUUM GAGES
 . . . IONIZATION GAGES
 ALPHATRONS
 BAYARD-ALPERT IONIZATION
 GAGES
 PENNING GAGES
 PHILIPS IONIZATION GAGES
 KNUDSEN GAGES
 MCLEOD GAGES
 PIRANI GAGES
 RT ∞ BOMBS
 BOURDON TUBES
 FLOWMETERS
 HYPOMETERS
 PRESSURE
 SHOCK MEASURING INSTRUMENTS
 STRAIN GAGE ACCELEROMETERS
 STRAIN GAGE BALANCES
 STRAIN GAGES
 WEIGHT INDICATORS

PRESSURE GRADIENTS

GS GRADIENTS
 . **PRESSURE GRADIENTS**
 RT ATMOSPHERIC PRESSURE
 BATHYTHERMOMGRAPHS
 CRITICAL FLOW
 DIFFERENTIAL PRESSURE
 FLUID BOUNDARIES
 FLUID FLOW
 FRICTION FACTOR
 GEOPRESSURE
 HYDRODYNAMICS
 HYDROSTATICS
 INLET PRESSURE
 ISOBARS (PRESSURE)
 KNUDSEN FLOW
 LIQUID FLOW

PRESSURE GRADIENTS--(cont.)

LIQUID-LIQUID INTERFACES
 LIQUID-VAPOR INTERFACES
 MULTIPHASE FLOW
 ORIFICE FLOW
 PIPE FLOW
 POTENTIAL GRADIENTS
 PRESSURE
 ∞ PRESSURE DROP
 RANKINE-HUGONIOT RELATION
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 SUCTION
 SUPERCRITICAL FLOW
 UNIFORM FLOW
 UNSTEADY FLOW
 VENTURI TUBES

PRESSURE HEADS

UF HEAD (PRESSURE)
 GS FLUID FLOW
 . HEAD (FLUID MECHANICS)
 . . **PRESSURE HEADS**
 RT CENTER OF PRESSURE
 ELEVATION
 ∞ HYDRAULICS
 HYDRODYNAMICS
 HYDROSTATIC PRESSURE
 HYDROSTATICS
 LIQUID FLOW
 PRESSURE

PRESSURE ICE

UF PRESSURE RIDGES
 GS ICE
 . SEA ICE
 . . **PRESSURE ICE**
 RT COLD WEATHER
 FREEZING
 ICE FORMATION
 LOW TEMPERATURE
 OCEAN CURRENTS
 PRESSURE
 TIDES
 WIND (METEOROLOGY)
 WINTER

PRESSURE MEASUREMENT

UF TONOMETRY
 GS MECHANICAL MEASUREMENT
 . **PRESSURE MEASUREMENT**
 RT BAROMETERS
 BOURDON TUBES
 DIFFERENTIAL PRESSURE
 FLOW MEASUREMENT
 FLOWMETERS
 IONIZATION GAGES
 KNUDSEN GAGES
 MANOMETERS
 MCLEOD GAGES
 ∞ MEASUREMENT
 NOISE METERS
 PHILIPS IONIZATION GAGES
 PIRANI GAGES
 PITOT TUBES
 PNEUMATIC PROBES
 PRESSURE
 VACUUM
 VACUUM GAGES
 VELOCITY
 VELOCITY MEASUREMENT
 VENTURI TUBES
 WEIGHT INDICATORS
 WIND TUNNEL CALIBRATION
 WIND TUNNEL TESTS

PRESSURE MODULATOR RADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 **PRESSURE MODULATOR
 RADIOMETERS**
 RT INFRARED RADIOMETERS
 PRESSURE

PRESSURE OSCILLATIONS

GS OSCILLATIONS
 . **PRESSURE OSCILLATIONS**
 RT ACOUSTIC FREQUENCIES
 COMBUSTION STABILITY
 FLAME PROPAGATION
 PRESSURE
 ∞ PRESSURE DROP

PRESSURE OSCILLATIONS--(cont.)
 SOUTHERN OSCILLATION
 TURBULENT FLOW

PRESSURE PROBES
 USE PRESSURE SENSORS

PRESSURE PULSES
 GS PULSES
 . **PRESSURE PULSES**
 RT BLAST LOADS
 FLAME PROPAGATION
 PRESSURE
 SHOCK WAVES

PRESSURE RATIO
 GS RATIOS
 . **PRESSURE RATIO**
 RT FUEL-AIR RATIO
 LIFT DRAG RATIO
 MASS RATIOS
 PAYLOAD MASS RATIO
 PRESSURE
 PROPELLANT MASS RATIO
 STRESS RATIO
 THRUST-WEIGHT RATIO

PRESSURE RECORDERS
 GS RECORDING INSTRUMENTS
 . **PRESSURE RECORDERS**
 RT PRESSURE

PRESSURE RECOVERY
 RT ∞ DIFFUSERS
 EXPLOSIVE DECOMPRESSION
 FLUID AMPLIFIERS
 INLET PRESSURE
 PRESSURE
 ∞ RECOVERY

PRESSURE REDUCTION
 UF BLEED-OFF
 DECOMPRESSION
 DEFLATING
 DEPRESSURIZATION
 GS **PRESSURE REDUCTION**
 . EXPLOSIVE DECOMPRESSION
 RT ∞ BLEEDING
 COMPRESSING
 GAS EXPANSION
 INFLATING
 PRESSURE
 ∞ PRESSURE DROP
 ∞ REDUCTION

PRESSURE REGULATORS
 GS CONTROL EQUIPMENT
 . **PRESSURE REGULATORS**
 REGULATORS
 . **PRESSURE REGULATORS**
 VALVES
 . AUTOMATIC CONTROL VALVES
 . **PRESSURE REGULATORS**
 RT CONTROLLERS
 FLOW REGULATORS
 FUEL TANK PRESSURIZATION
 OXYGEN REGULATORS
 PRESSURIZING
 RELIEF VALVES

PRESSURE RIDGES
 USE PRESSURE ICE

PRESSURE SENSORS
 UF PRESSURE PROBES
 PRESSURE TRANSDUCERS
 GS TRANSDUCERS
 . **PRESSURE SENSORS**
 BOURDON TUBES
 RT ELECTROACOUSTIC WAVES
 PIEZOELECTRIC GAGES
 PRESSURE
 QUARTZ TRANSDUCERS
 ∞ RAKES
 SHOCK WAVE GENERATORS
 TRANSIENT PRESSURES
 TRANSIENT RESPONSE
 ULTRASONIC WAVE TRANSDUCERS

PRESSURE SUITS
 GS CLOTHING
 . PROTECTIVE CLOTHING
 . **PRESSURE SUITS**
 SPACE SUITS

PRESSURE SUITS--(cont.)
 EXTRAVEHICULAR MOBILITY
 UNITS
 . SUITS
 . **PRESSURE SUITS**
 SPACE SUITS
 EXTRAVEHICULAR MOBILITY
 UNITS
 RT FLIGHT CLOTHING
 HELMETS
 INFLATABLE STRUCTURES
 LIFE SUPPORT SYSTEMS
 PORTABLE LIFE SUPPORT SYSTEMS
 PRESSURE
 SAFETY DEVICES

PRESSURE SWITCHES
 GS CONTROL EQUIPMENT
 . **PRESSURE SWITCHES**
 SWITCHES
 . **PRESSURE SWITCHES**
 RT ELECTRIC SWITCHES

PRESSURE TRANSDUCERS
 USE PRESSURE SENSORS

PRESSURE VESSEL DESIGN
 GS STRUCTURAL DESIGN
 . **PRESSURE VESSEL DESIGN**
 RT ∞ DESIGN
 PERFORATED SHELLS
 PRESSURE
 SHELLS (STRUCTURAL FORMS)

PRESSURE VESSELS
 GS **PRESSURE VESSELS**
 . PREBURNERS
 RT ACCUMULATORS
 AUTOCLAVES
 BELLS
 BOILERS
 BULBS
 BURST TESTS
 ∞ CONTAINERS
 DOMES (STRUCTURAL FORMS)
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 HEMISPHERE CYLINDER BODIES
 ISOTENSOID STRUCTURES
 PRESSURE
 PROPELLANT TANKS
 REACTOR MATERIALS
 SHALLOW SHELL EQUATIONS
 SPHERICAL TANKS
 STORAGE TANKS
 TANKS (CONTAINERS)
 ∞ VESSELS
 WALL PRESSURE
 WIND TUNNEL WALLS

PRESSURE WAVES
 USE ELASTIC WAVES

PRESSURE WELDING
 GS WELDING
 . **PRESSURE WELDING**
 COLD WELDING
 DIFFUSION WELDING
 EXPLOSIVE WELDING
 FRICTION WELDING
 ULTRASONIC WELDING
 RT ARC WELDING
 ELECTRIC WELDING
 FLASH WELDING
 FUSION WELDING
 GAS WELDING
 PRESSURE
 SPOT WELDS

PRESSURIZED CABINS
 UF PRESSURE CABINS
 GS COMPARTMENTS
 . **PRESSURIZED CABINS**
 RT AIRCRAFT COMPARTMENTS
 CABIN ATMOSPHERES
 ∞ CABINS
 COCKPITS
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 ENVIRONMENTAL CONTROL
 ESCAPE CAPSULES
 EXPLOSIVE DECOMPRESSION
 LIFE SUPPORT SYSTEMS
 OXYGEN SUPPLY EQUIPMENT
 PRESSURE

PRESSURIZED CABINS--(cont.)
 PRESSURE CHAMBERS
 SPACECRAFT CABIN ATMOSPHERES
 SPACECRAFT CABINS

PRESSURIZED WATER REACTORS
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 WATER COOLED REACTORS
 . . . **PRESSURIZED WATER REACTORS**
 SPECTRAL SHIFT CONTROL
 REACTOR
 RT NUCLEAR POWER REACTORS
 PRESSURE

PRESSURIZING
 GS **PRESSURIZING**
 . FUEL TANK PRESSURIZATION
 RT ACCUMULATORS
 DENSIFICATION
 EXPULSION
 EXPULSION BLADDERS
 GAS GENERATORS
 GAS INJECTION
 INFLATING
 PRESSURE
 PRESSURE REGULATORS
 STIMULATION

PRESTON TUBES
 USE PITOT TUBES
 SPEED INDICATORS

PRETRAINING
 USE PRESTRESSING

PRESTRESSING
 UF PRELOADING
 PRETRAINING
 PRETWISTING
 GS PREPARATION
 . PRETREATMENT
 . . **PRESTRESSING**
 RT ELASTIC DEFORMATION
 ISOTENSOID STRUCTURES
 STRESSES
 STRUCTURAL STRAIN

PRETESTS
 USE TESTS

PRETREATMENT
 GS PREPARATION
 . **PRETREATMENT**
 PRESTRESSING
 RT PREVENTION
 ∞ PRIMING

PRETWISTING
 USE PRESTRESSING
 TWISTING

PREVAPORIZATION
 GS PHASE TRANSFORMATIONS
 . VAPORIZING
 . . **PREVAPORIZATION**
 RT FLASHING (VAPORIZING)
 GASES
 VAPOR PHASES
 VAPORS
 VOLATILITY

PREVENTION
 GS **PREVENTION**
 . ACCIDENT PREVENTION
 . CORROSION PREVENTION
 . FIRE PREVENTION
 . ICE PREVENTION
 RT BLOCKING
 ETIOLOGY
 ∞ INHIBITION
 POLLUTION
 PREEMPTING
 PRETREATMENT
 PROTECTION
 ∞ REDUCTION
 ∞ RESISTANCE
 RETARDING
 SABOTAGE
 SAFETY
 STOPPING

PREWHIRLING
 GS PREPARATION

PREWHIRLING--(cont.)
PREWHIRLING

PREWHITENING
 GS PREPARATION
 RT **PREWHITENING**
 COLOR
 ∞ TREATMENT

PRIBRAM METEORITE
 GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 . . . **PRIBRAM METEORITE**
 RT BOLIDES
 METEOR TRAILS

PRIMARY BATTERIES
 SN (NON-RECHARGEABLE BATTERIES)
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . **PRIMARY BATTERIES**
 . . . ALKALINE BATTERIES
 . . . DRY CELLS
 MAGNESIUM CELLS
 NICKEL ZINC BATTERIES
 METAL AIR BATTERIES
 ZINC-OXYGEN BATTERIES
 SODIUM SULFUR BATTERIES
 THERMAL BATTERIES
 ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . **PRIMARY BATTERIES**
 . . ALKALINE BATTERIES
 . . . DRY CELLS
 MAGNESIUM CELLS
 NICKEL ZINC BATTERIES
 METAL AIR BATTERIES
 ZINC-OXYGEN BATTERIES
 SODIUM SULFUR BATTERIES
 THERMAL BATTERIES
 RT CHARGE EFFICIENCY
 ELECTROLYTES
 NONAQUEOUS ELECTROLYTES
 STORAGE BATTERIES
 WET CELLS

PRIMARY COSMIC RAYS
 UF HEAVY COSMIC RAY PRIMARIES
 GS EXTRATERRESTRIAL RADIATION
 . **PRIMARY COSMIC RAYS**
 . . SOLAR COSMIC RAYS
 . . IONIZING RADIATION
 . . COSMIC RAYS
 . . **PRIMARY COSMIC RAYS**
 . . . SOLAR COSMIC RAYS
 . . . PARTICLES
 . . . CORPUSCULAR RADIATION
 . . **PRIMARY COSMIC RAYS**
 . . . SOLAR COSMIC RAYS
 RT COSMIC RAY ALBEDO
 HEAVY NUCLEI
 SECONDARY COSMIC RAYS

PRIMATES
 GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . **PRIMATES**
 APES
 CHIMPANZEES
 BABOONS
 HUMAN BEINGS
 MONKEYS

∞ **PRIMERS**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT ENGINE PRIMERS
 PRIMERS (COATINGS)
 PRIMERS (EXPLOSIVES)

PRIMERS (COATINGS)
 GS COATINGS
 . PROTECTIVE COATINGS
 . . **PRIMERS (COATINGS)**
 RT DOPES
 FILLERS
 FINISHES
 LACQUERS
 METAL COATINGS
 PAINTS
 ∞ PRIMERS

PRIMERS (COATINGS)--(cont.)
 SPRAYED COATINGS
 SUBSTRATES
 VARNISHES

PRIMERS (EXPLOSIVES)
 GS EXPLOSIVE DEVICES
 . INITIATORS (EXPLOSIVES)
 . . **PRIMERS (EXPLOSIVES)**
 . . . IGNITERS
 . . . INITIATORS (EXPLOSIVES)
 . . . **PRIMERS (EXPLOSIVES)**
 RT CAPS (EXPLOSIVES)
 DETONATION
 DETONATORS
 EXPLODING WIRES
 PERCUSSION
 ∞ PRIMERS
 SQUIBS

∞ **PRIMING**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT COATING
 COATINGS
 INITIATION
 PREPARATION
 PRETREATMENT
 STARTING

PRIMITIVE EARTH ATMOSPHERE
 GS EARTH ATMOSPHERE
 . **PRIMITIVE EARTH ATMOSPHERE**
 RT ∞ ATMOSPHERES
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC MODELS
 EARTH PLANETARY STRUCTURE
 FREE ATMOSPHERE
 PLANETARY ATMOSPHERES

PRIMITIVE EQUATIONS
 RT ATMOSPHERIC BOUNDARY LAYER
 CLIMATOLOGY
 ∞ EQUATIONS
 EULER EQUATIONS OF MOTION
 FLUID DYNAMICS
 ∞ MATHEMATICS

PRINCE EDWARD ISLAND
 GS LANDFORMS
 . ISLANDS
 . . **PRINCE EDWARD ISLAND**
 . . . NATIONS
 . . . CANADA
 . . **PRINCE EDWARD ISLAND**

PRINCE WILLIAM SOUND (AK)
 GS SOUNDS (TOPOGRAPHIC FEATURES)
 . **PRINCE WILLIAM SOUND (AK)**
 RT ALASKA

PRINCETON SAILWINGS
 USE SAILWINGS

PRINCIPAL COMPONENTS ANALYSIS
 RT IMAGE PROCESSING
 IMAGING TECHNIQUES
 KARHUNEN-LOEVE EXPANSION
 PATTERN RECOGNITION

∞ **PRINCIPLES**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT DUALITY PRINCIPLE
 ∞ LOGIC
 ∞ MATHEMATICS

PRINTED CIRCUITS
 GS CIRCUITS
 . **PRINTED CIRCUITS**
 RT BREADBOARD MODELS
 CIRCUIT BOARDS
 ELECTRONIC PACKAGING
 HYBRID CIRCUITS
 INTEGRATED CIRCUITS
 LARGE SCALE INTEGRATION
 MEDIUM SCALE INTEGRATION
 MINIATURE ELECTRONIC EQUIPMENT
 MINIATURIZATION
 PHOTOMASKS
 SUBMINIATURIZATION

PRINTED CIRCUITS--(cont.)
 THICK FILMS
 TRANSISTOR CIRCUITS

PRINTED RESISTORS
 GS ATTENUATORS
 . RESISTORS
 . . **PRINTED RESISTORS**
 RT MINIATURIZATION

PRINTERS
 GS **PRINTERS**
 . PRINTERS (DATA PROCESSING)
 . TELEPRINTERS
 RT CATHODE RAY TUBES
 DATA PROCESSING EQUIPMENT
 PLOTTERS
 PRINTING
 PROJECTORS
 TYPEWRITERS

PRINTERS (DATA PROCESSING)
 GS DATA PROCESSING EQUIPMENT
 . PERIPHERAL EQUIPMENT
 (COMPUTERS)
 . . **PRINTERS (DATA PROCESSING)**
 . . . PRINTERS
 . . **PRINTERS (DATA PROCESSING)**
 RT AUTOMATIC TYPEWRITERS
 COMPUTERS
 ∞ DATA
 DISPLAY DEVICES
 PRINTOUTS
 READOUT
 TELEPRINTERS

PRINTING
 GS **PRINTING**
 . LITHOGRAPHY
 . . PHOTOLITHOGRAPHY
 RT BINDING
 CONTRAST
 ELECTRONOGRAPHY
 ENGRAVING
 INKS
 LEGIBILITY
 PHOTOENGRAVING
 PHOTOGRAPHIC PROCESSING
 PHOTOMECHANICAL EFFECT
 PLOTTING
 PRINTERS
 READING
 REPRODUCTION (COPYING)
 STENCIL PROCESSES

PRINTOUTS
 RT FORMAT
 LISTS
 OUTPUT
 PRINTERS (DATA PROCESSING)
 READOUT
 TABLES (DATA)

PRIORITIES
 RT ENGINEERING MANAGEMENT
 PROJECT PLANNING
 RESEARCH MANAGEMENT
 RESOURCE ALLOCATION
 SEQUENCING

PRISMATIC BARS
 GS BARS
 . **PRISMATIC BARS**
 . . OPTICAL EQUIPMENT
 . . PRISMS
 . . **PRISMATIC BARS**

PRISMS
 GS OPTICAL EQUIPMENT
 . **PRISMS**
 . . PRISMATIC BARS
 RT PHOTOELASTICITY
 REFRACTION

PRIVACY
 RT COMPUTER INFORMATION SECURITY
 INFORMATION
 INFORMATION DISSEMINATION
 INTEGRITY
 PAPERS
 RECORDING
 RECORDS
 SECURITY

PRIVATE AIRCRAFT

USE GENERAL AVIATION AIRCRAFT

PROBABILITY

USE PROBABILITY THEORY

PROBABILITY DENSITY FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . **PROBABILITY DENSITY FUNCTIONS**
 . . NORMAL DENSITY FUNCTIONS
 . . PEARSON DISTRIBUTIONS
 . . RAYLEIGH DISTRIBUTION
 . . WEIBULL DENSITY FUNCTIONS
 STATISTICAL ANALYSIS
 . **PROBABILITY DENSITY FUNCTIONS**
 . . NORMAL DENSITY FUNCTIONS
 . . PEARSON DISTRIBUTIONS
 . . RAYLEIGH DISTRIBUTION
 . . WEIBULL DENSITY FUNCTIONS
 RT BINOMIAL THEOREM
 CENSORED DATA (MATHEMATICS)
 CONTINUITY (MATHEMATICS)
 DISCRETE FUNCTIONS
 EVENTS
 EXPECTANCY HYPOTHESIS
 EXPONENTIAL FUNCTIONS
 FAILURE ANALYSIS
 GAS DENSITY
 MILLS RATIO
 QUANTILES

PROBABILITY DISTRIBUTION FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . **PROBABILITY DISTRIBUTION FUNCTIONS**
 STATISTICAL ANALYSIS
 . **PROBABILITY DISTRIBUTION FUNCTIONS**
 STATISTICAL DISTRIBUTIONS
 . **PROBABILITY DISTRIBUTION FUNCTIONS**
 RT DISCRETE FUNCTIONS
 GOODNESS OF FIT

PROBABILITY THEORY

UF PROBABILITY
 STATISTICAL PROBABILITY
 RT ∞ APPLICATIONS OF MATHEMATICS
 BINOMIAL THEOREM
 BOREL SETS
 COMBINATORIAL ANALYSIS
 CONFIDENCE
 ∞ CONJUNCTION
 CONSECUTIVE EVENTS
 CONTINUUMS
 CORRELATION
 DECISION THEORY
 DISTRIBUTION FUNCTIONS
 DUFFING DIFFERENTIAL EQUATION
 EINSTEIN EQUATIONS
 ERGODIC PROCESS
 ERROR ANALYSIS
 EVENTS
 EXTREMUM VALUES
 FORECASTING
 FUZZY SYSTEMS
 GAME THEORY
 GOODNESS OF FIT
 ∞ INDICATION
 INFINITY
 INFORMATION THEORY
 ITERATION
 KOLMOGOROV-SMIRNOV TEST
 LIKELIHOOD RATIO
 MARTINGALES
 ∞ MATHEMATICS
 MAXWELL-BOLTZMANN DENSITY FUNCTION
 MINKOWSKI SPACE
 MONTE CARLO METHOD
 OPERATIONS RESEARCH
 OUTLIERS (STATISTICS)
 PARAMETER IDENTIFICATION
 POPULATION THEORY
 QUALITY CONTROL
 RANDOM ERRORS
 RANDOM NOISE
 RELIABILITY
 SAMPLING
 STATISTICAL ANALYSIS
 STATISTICAL DISTRIBUTIONS
 ∞ STATISTICS
 STIELTJES INTEGRAL
 STOCHASTIC PROCESSES
 SUBGROUPS

PROBABILITY THEORY--(cont.)

SYSTEM IDENTIFICATION
 ∞ THEORIES
 TRANSITION PROBABILITIES
 TRAVELING SALESMAN PROBLEM
 UNIQUENESS THEOREM

PROBE METHOD (FORECASTING)

GS FORECASTING
 . TECHNOLOGICAL FORECASTING
 . . **PROBE METHOD (FORECASTING)**
 MANAGEMENT METHODS
 . **PROBE METHOD (FORECASTING)**
 RT DELPHI METHOD (FORECASTING)
 ESTIMATING
 ∞ METHODOLOGY
 OPERATIONS RESEARCH
 PATTERN METHOD (FORECASTING)
 PLANNING
 PREDICTIONS
 PROFILE METHOD (FORECASTING)
 TECHNOLOGY ASSESSMENT

∞ PROBES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT GALILEO PROBE
 GAS DETECTORS
 MEASURING INSTRUMENTS
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 PIONEER VENUS 2 ENTRY PROBES
 PIONEER VENUS 2 NIGHT PROBE
 PIONEER VENUS 2 SPACECRAFT
 PIONEER VENUS 2 TRANSPORTER BUS
 PIONEER 8 SPACE PROBE
 PIONEER 9 SPACE PROBE
 PIONEER 10 SPACE PROBE
 PIONEER 11 SPACE PROBE
 RADIO PROBING
 REMOTE SENSORS
 SONDES
 SPACE PROBES
 TRANSDUCERS

PROBLEM SOLVING

GS **PROBLEM SOLVING**
 . ALTERNATING DIRECTION IMPLICIT METHODS
 . ASYMPTOTIC METHODS
 . ITERATIVE SOLUTION
 . THEOREM PROVING
 RT APPROXIMATION
 BACKWARD DIFFERENCING
 COMPUTATIONAL GRIDS
 CRANK-NICHOLSON METHOD
 DECISION MAKING
 DINING PHILOSOPHERS PROBLEM
 EXISTENCE THEOREMS
 GROUP DYNAMICS
 HOMOTROPY
 HOUSEHOLDER TRANSFORMATIONS
 ITERATION
 LEARNING THEORY
 MANAGEMENT
 MAZE LEARNING
 ∞ METHODOLOGY
 NEWTON METHODS
 SIMPLEX METHOD
 ∞ SOLUTION

∞ PROBLEMS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BOLZA PROBLEMS
 BOUNDARY VALUE PROBLEMS
 CAUCHY PROBLEM
 CHAPMAN-FERRARO PROBLEM
 DIRICHLET PROBLEM
 FOUR BODY PROBLEM
 ISOPERIMETRIC PROBLEM
 MANY BODY PROBLEM
 MAYER PROBLEM
 NEUMANN PROBLEM
 OPERATIONAL PROBLEMS
 POINCARÉ PROBLEM
 PRELAUNCH PROBLEMS
 THREE BODY PROBLEM
 TRACKING PROBLEM
 TRAVELING SALESMAN PROBLEM
 TWO BODY PROBLEM

PROCEDURES

UF METHODS
 PRACTICES
 GS **PROCEDURES**
 . BOUNDARY INTEGRAL METHOD
 . CREW PROCEDURES (INFLIGHT)
 . CREW PROCEDURES (PREFLIGHT)
 . FINITE ELEMENT METHOD
 . FINITE VOLUME METHOD
 . GLIMM METHOD
 . OPTICAL CORRECTION PROCEDURE
 . PANEL METHOD (FLUID DYNAMICS)
 RT PROCUREMENT POLICY
 SYSTEMS ANALYSIS

PROCEEDINGS

USE CONFERENCES
 CONGRESSIONAL REPORTS

PROCESS CONTROL (INDUSTRY)

RT COMPONENT RELIABILITY
 ∞ CONTROL
 PRODUCT DEVELOPMENT
 QUALITY CONTROL
 SAMPLING
 SPECIFICATIONS

PROCESS HEAT

GS HEAT
 . **PROCESS HEAT**
 RT HEAT GENERATION

∞ PROCESSES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AUTOREGRESSIVE PROCESSES
 ISENTROPIC PROCESSES
 JET MEMBRANE PROCESS
 KRAFT PROCESS (WOODPULP)
 NONISENTROPICITY
 NONISOTHERMAL PROCESSES
 ORNSTEIN-UHLENBECK PROCESS
 PRODUCT DEVELOPMENT
 QUALITY CONTROL
 SOL-GEL PROCESSES
 SPACE INDUSTRIALIZATION
 UMLKAPP PROCESS

∞ PROCESSING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ASSOCIATIVE PROCESSING (COMPUTERS)
 BATCH PROCESSING
 DATA PROCESSING
 FOOD PROCESSING
 IMAGE PROCESSING
 MANUFACTURING
 MATERIALS RECOVERY
 MESSAGE PROCESSING
 NUCLEAR FUEL REPROCESSING
 OPTICAL DATA PROCESSING
 PHOTOGRAPHIC PROCESSING
 PRODUCTION ENGINEERING
 RECYCLING
 REFINING
 RETORT PROCESSING
 SETTLING
 SIGNAL PROCESSING
 WET SPINNING

PROCESSORS (COMPUTERS)

USE CENTRAL PROCESSING UNITS

PROCUREMENT

GS **PROCUREMENT**
 . GOVERNMENT PROCUREMENT
 . LEASING
 RT CONTRACTS
 EQUIPMENT SPECIFICATIONS
 GOVERNMENT/INDUSTRY RELATIONS
 ∞ RECEIVING
 SERVICES
 SPECIFICATIONS
 SUBCONTRACTS

PROCUREMENT MANAGEMENT

GS MANAGEMENT
 . **PROCUREMENT MANAGEMENT**
 RT ALLOCATIONS
 BUDGETING
 ∞ BUDGETS
 COMMODITIES

PROCUREMENT MANAGEMENT--(cont.)

FEDERAL BUDGETS
FINANCIAL MANAGEMENT
INVENTORY MANAGEMENT
PRODUCTS
SERVICES

PROCUREMENT POLICY

GS POLICIES
RT . **PROCUREMENT POLICY**
DECISIONS
MANAGEMENT
PROCEDURES
REGULATIONS
RULES

PRODUCT DEVELOPMENT

UF ENGINEERING DEVELOPMENT
GS **PRODUCT DEVELOPMENT**
WEAPONS DEVELOPMENT
RT AIRCRAFT DESIGN
AIRCRAFT PRODUCTION
AMPLIFIER DESIGN
ANTENNA DESIGN
BREADBOARD MODELS
COMMERCE
COMPUTER DESIGN
CONSUMERS
DESIGN
DEVELOPMENT
ENGINE DESIGN
FUNCTIONAL DESIGN SPECIFICATIONS
HELICOPTER DESIGN
INVENTIONS
LENS DESIGN
MANAGEMENT
MARKET RESEARCH
MARKETING
PATENT APPLICATIONS
PATENT POLICY
PILOT PLANTS
PROCESS CONTROL (INDUSTRY)
PROCESSES
PRODUCTION
PRODUCTION ENGINEERING
QUALITY
QUALITY CONTROL
REACTOR DESIGN
RELIABILITY
SATELLITE DESIGN
SOLVENT REFINED COAL
SPACE INDUSTRIALIZATION
SPACECRAFT DESIGN
STANDARDIZATION
STRUCTURAL DESIGN

PRODUCTION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIRCRAFT PRODUCTION
FOOD PRODUCTION (IN SPACE)
FUEL PRODUCTION
OUTPUT
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
PRODUCTION PLANNING
RESERVES
TOOLS

PRODUCTION COSTS

GS **PRODUCTION COSTS**
AIRCRAFT PRODUCTION COSTS
RT COST ANALYSIS
COST ESTIMATES
DESIGN TO COST
LIFE CYCLE COSTS
OPERATING COSTS

PRODUCTION ENGINEERING

UF PRODUCTION METHODS
GS **PRODUCTION ENGINEERING**
PRODUCTION PLANNING
RT AIRCRAFT PRODUCTION
AIRCRAFT PRODUCTION COSTS
CAPACITY
ENGINEERING
HUMAN FACTORS ENGINEERING
LASER APPLICATIONS
MANAGEMENT
NUMERICAL CONTROL
OPERATIONS
PLANNING
PROCESSING
PRODUCT DEVELOPMENT

PRODUCTION ENGINEERING--(cont.)

PRODUCTION
PRODUCTIVITY
PRODUCTS
SCHEDULING
STANDARDIZATION

PRODUCTION MANAGEMENT

GS MANAGEMENT
RT **PRODUCTION MANAGEMENT**
AIRCRAFT PRODUCTION COSTS
EMPLOYEE RELATIONS
ESTIMATES
FABRICATION
INDUSTRIAL MANAGEMENT
MANUFACTURING
QUALITY CONTROL
RELIABILITY
RESOURCES
SAFETY MANAGEMENT
TOTAL QUALITY MANAGEMENT

PRODUCTION METHODS

USE PRODUCTION ENGINEERING

PRODUCTION PLANNING

GS PLANNING
MANAGEMENT PLANNING
PRODUCTION PLANNING
PRODUCTION ENGINEERING
PRODUCTION PLANNING
SCHEDULES
RT

PRODUCTIVITY

RT AIRCRAFT PRODUCTION COSTS
ALLOWANCES
EFFICIENCY
MATRIX MANAGEMENT
MORALE
PRODUCTION ENGINEERING
RELIABILITY
SOFTWARE REUSE
WORKSTATIONS

PRODUCTS

GS **PRODUCTS**
GREASES
GROSS NATIONAL PRODUCT
PETROLEUM PRODUCTS
ASPHALT
DIESEL FUELS
GASOLINE
TARS
REACTION PRODUCTS
BY-PRODUCTS
COMBUSTION PRODUCTS
COMMODITIES
FISSION PRODUCTS
MANUFACTURING
OUTPUT
PROCUREMENT MANAGEMENT
PRODUCTION ENGINEERING
QUALITY CONTROL
RESOURCE ALLOCATION
SERVICES
SPACE INDUSTRIALIZATION
RT

PROFICIENCY

USE ABILITIES

PROFILE METHOD (FORECASTING)

GS FORECASTING
TECHNOLOGICAL FORECASTING
PROFILE METHOD (FORECASTING)
MANAGEMENT METHODS
PROFILE METHOD (FORECASTING)
RT DELPHI METHOD (FORECASTING)
ESTIMATING
METHODOLOGY
OPERATIONS RESEARCH
PLANNING
PREDICTIONS
PROBE METHOD (FORECASTING)
TECHNOLOGY ASSESSMENT

PROFILES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT AIRFOIL PROFILES
ANGLES (GEOMETRY)
CURVATURE
DELINEATION
DISTRIBUTION (PROPERTY)
GEOMETRY

PROFILES--(cont.)

GRADIENTS
LINE SHAPE
PLANFORMS
PROFILOMETERS
SEARCH PROFILES
SHAPES
SHOCK WAVE PROFILES
SLOPES
STREAMLINING
TOPOGRAPHY
WIND PROFILES

PROFILOMETERS

GS MEASURING INSTRUMENTS
PROFILOMETERS
RT PROFILES
ROUGHNESS
SHAPES
SURFACE PROPERTIES
SURFACE ROUGHNESS

PROGENY

RT CHILDREN
REPRODUCTION (BIOLOGY)

PROGNOSIS

RT DIAGNOSIS

PROGNOZ SATELLITES

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROGNOZ SATELLITES

PROGRAM EVALUATION REVIEW TECHNIQUE

USE PERT

PROGRAM MANAGEMENT

USE PROJECT MANAGEMENT

PROGRAM RELIABILITY (COMPUTERS)

USE SOFTWARE RELIABILITY

PROGRAM TREND LINE ANALYSIS

RT CRITICAL PATH METHOD
MANAGEMENT PLANNING
PERT
PROGRAMS
PROJECT MANAGEMENT

PROGRAM VERIFICATION (COMPUTERS)

RT CHECKOUT
COMPUTER PROGRAMMING
FILE MAINTENANCE (COMPUTERS)
PROVING
SOFTWARE RELIABILITY
SOFTWARE TOOLS
SYSTEMS ANALYSIS
TESTS

PROGRAMMABLE LOGIC DEVICES

RT ARCHITECTURE (COMPUTERS)
COMPUTER SYSTEMS DESIGN
CONTROLLERS
LOGIC CIRCUITS
LOGIC DESIGN

PROGRAMMED INSTRUCTION

GS **PROGRAMMED INSTRUCTION**
COMPUTER ASSISTED INSTRUCTION
RT COMPILERS
COMPUTER PROGRAMMING
COMPUTER PROGRAMS

PROGRAMMERS

GS PERSONNEL
PROGRAMMERS
RT CODERS
COMPUTER PROGRAMMING
FILE MAINTENANCE (COMPUTERS)

PROGRAMMING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COMPUTER PROGRAMMING
DYNAMIC PROGRAMMING
FILE MAINTENANCE (COMPUTERS)
LINEAR PROGRAMMING
MATHEMATICAL PROGRAMMING
MICROPROGRAMMING
MULTIPROGRAMMING
NONLINEAR PROGRAMMING
QUADRATIC PROGRAMMING

PROGRAMMING--(cont.)

STRUCTURED PROGRAMMING

PROGRAMMING (SCHEDULING)GS **PROGRAMMING (SCHEDULING)**

THRUST PROGRAMMING

RT CRITICAL PATH METHOD

STEPS

PROGRAMMING ENVIRONMENTS

UF SEE (SOFTWARE ENGINEERING ENVIRONMENTS)

SOFTWARE ENGINEERING ENVIRONMENTS

RT COMPUTER PROGRAMMING

COMPUTER PROGRAMS

ENVIRONMENTS

SOFTWARE ENGINEERING

SOFTWARE TOOLS

PROGRAMMING LANGUAGES

GS LANGUAGES

PROGRAMMING LANGUAGES

ALGOL

APL (PROGRAMMING LANGUAGE)

ASSEMBLY LANGUAGE

AUTOCODERS

COMPASS (PROGRAMMING

LANGUAGE)

MAP (PROGRAMMING LANGUAGE)

BASIC (PROGRAMMING LANGUAGE)

COBOL

COGO (PROGRAMMING LANGUAGE)

CONTEXT FREE LANGUAGES

FORTH (PROGRAMMING LANGUAGE)

FORTRAN

HAL/S (LANGUAGE)

HIGH LEVEL LANGUAGES

ADA (PROGRAMMING LANGUAGE)

C (PROGRAMMING LANGUAGE)

C++ (PROGRAMMING

LANGUAGE)

LISP (PROGRAMMING LANGUAGE)

MACHINE ORIENTED LANGUAGES

MARVS (PROGRAMMING

LANGUAGE)

NATURAL LANGUAGE (COMPUTERS)

PASCAL (PROGRAMMING LANGUAGE)

PL/1

PROLOG (PROGRAMMING LANGUAGE)

RT COMPUTER PROGRAMMING

PREDICATE LOGIC

STRUCTURED PROGRAMMING

PROGRAMSGS **PROGRAMS**

ARMY-NAVY INSTRUMENTATION

PROGRAM

COMSAT PROGRAM

DEFENSE PROGRAM

DOWNRANGE ANTIMISSILE

MEASUREMENT PROGRAM

GLOBAL ATMOSPHERIC RESEARCH

PROGRAM

GARP ATLANTIC TROPICAL

EXPERIMENT

GULLIVER PROGRAM

INTERNATIONAL

GEOSPHERE-BIOSPHERE PROGRAM

LUNAR PROGRAMS

APOLLO PROJECT

SURVEYOR PROJECT

NASA PROGRAMS

ACEE PROGRAM

ASSESS PROGRAM

ATLIT PROJECT

DAST PROGRAM

NASA SPACE PROGRAMS

APOLLO APPLICATIONS PROGRAM

APOLLO PROJECT

BIOASTRONAUTICAL ORBITAL

SPACE SYSTEM

CENTAUR PROJECT

EARTH & OCEAN PHYSICS

APPLICATIONS PROGRAM

EARTH RESOURCES PROGRAM

EARTH RESOURCES SURVEY

PROGRAM

SEASAT PROGRAM

ECHO PROJECT

GALILEO PROJECT

GEMINI PROJECT

HELIOS PROJECT

JUPITER PROJECT

MAGELLAN PROJECT (NASA)

PROGRAMS--(cont.)

MARINER PROJECT

MARINER VENUS-MERCURY 1973

MARINER-MERCURY 1973

MARS 69 PROJECT

MARS 71 PROJECT

MERCURY PROJECT

NATIONAL LAUNCH VEHICLE

PROGRAM

NEW MOONS PROJECT

NIMBUS PROJECT

OPEN PROJECT

PIONEER PROJECT

PROJECT SETI

RANGER PROJECT

AGENA B RANGER PROGRAM

ROVER PROJECT

SAIL PROJECT

SATURN PROJECT

SCOUT PROJECT

SKYLAB PROGRAM

STARPROBE MISSION

SURVEYOR PROJECT

SYNCHRONOUS COMMUNICATIONS

SATELLITE PROJ

TEKTITE PROJECT

TIROS PROJECT

TITAN PROJECT

VANGUARD PROJECT

VIKING MARS PROGRAM

VOYAGER PROJECT

NATIONAL AEROSPACE PLANE

PROGRAM

QUIET ENGINE PROGRAM

SUPERSONIC CRUISE AIRCRAFT

RESEARCH

TACT PROGRAM

TERMINAL CONFIGURED VEHICLE

PROGRAM

TILT ROTOR RESEARCH AIRCRAFT

PROGRAM

PANT PROGRAM

PROJECTS

ADVENT PROJECT

AGRISTARS PROJECT

ALARM PROJECT

ALOUETTE PROJECT

APOLLO PROJECT

APOLLO SOYUZ TEST PROJECT

ARGUS PROJECT

ASSET PROJECT

ATLIT PROJECT

BIG SHOT PROJECT

BIOS PROJECT

BUMBLEBEE PROJECT

CENTAUR PROJECT

DEFENDER PROJECT

EARTH & OCEAN PHYSICS

APPLICATIONS PROGRAM

ECHO PROJECT

ECLIPSE PROJECT

EXPERIMENTAL REFLECTOR ORBITAL

SHOT PROJ

FIRE (CLIMATOLOGY)

GALILEO PROJECT

GEMINI PROJECT

GEOSARI PROJECT

HARVARD RADIO METEOR PROJECT

HELIOS PROJECT

ISCCP PROJECT

JUPITER PROJECT

MAGELLAN PROJECT (NASA)

MARS 69 PROJECT

MARS 71 PROJECT

MERCURY PROJECT

NEW MOONS PROJECT

NIKE PROJECT

NIMBUS PROJECT

OPEN PROJECT

PIONEER PROJECT

PROJECT SETI

RADIO ATTENUATION MEASUREMENT

PROJECT

RAND PROJECT

RANGER PROJECT

AGENA B RANGER PROGRAM

ROVER PROJECT

SAIL PROJECT

SATURN PROJECT

SCANNER PROJECT

SCOUT PROJECT

SEAFARER PROJECT

SQUID PROJECT

SUBMARINE INTEGRATED CONTROL

PROJECT

SUCCESS PROJECT

PROGRAMS--(cont.)

SURVEYOR PROJECT

SYNCHRONOUS COMMUNICATIONS

SATELLITE PROJ

TELSTAR PROJECT

THEMIS PROJECT

TIROS PROJECT

TITAN PROJECT

VANGUARD PROJECT

VOYAGER PROJECT

WEST FORD PROJECT

RADAR TARGET SCATTER SITE

PROGRAM

SPACE PROGRAMS

ARGENTINE SPACE PROGRAM

AUSTRALIAN SPACE PROGRAM

BRAZILIAN SPACE PROGRAM

CANADIAN SPACE PROGRAM

ALOUETTE PROJECT

CHINESE SPACE PROGRAM

EUROPEAN SPACE PROGRAMS

AUSTRIAN SPACE PROGRAM

BELGIAN SPACE PROGRAM

CZECHOSLOVAKIAN SPACE

PROGRAM

DANISH SPACE PROGRAM

FINNISH SPACE PROGRAM

FRENCH SPACE PROGRAM

GERMAN SPACE PROGRAM

GREEK SPACE PROGRAM

HUNGARIAN SPACE PROGRAM

ICELANDIC SPACE PROGRAM

ITALIAN SPACE PROGRAM

LUXEMBOURG SPACE PROGRAM

NETHERLANDS SPACE PROGRAM

NORWEGIAN SPACE PROGRAM

PORTUGUESE SPACE PROGRAM

SPANISH SPACE PROGRAM

SWEDISH SPACE PROGRAM

SWISS SPACE PROGRAM

TURKISH SPACE PROGRAM

U.S.S.R. SPACE PROGRAM

UK SPACE PROGRAM

GEOGRAPHIC APPLICATIONS

PROGRAM

INDIAN SPACE PROGRAM

INDONESIAN SPACE PROGRAM

ISRAELI SPACE PROGRAM

JAPANESE SPACE PROGRAM

MEXICAN SPACE PROGRAM

NASA SPACE PROGRAMS

APOLLO APPLICATIONS PROGRAM

APOLLO PROJECT

BIOASTRONAUTICAL ORBITAL

SPACE SYSTEM

CENTAUR PROJECT

EARTH & OCEAN PHYSICS

APPLICATIONS PROGRAM

EARTH RESOURCES PROGRAM

EARTH RESOURCES SURVEY

PROGRAM

SEASAT PROGRAM

ECHO PROJECT

GALILEO PROJECT

GEMINI PROJECT

HELIOS PROJECT

JUPITER PROJECT

MAGELLAN PROJECT (NASA)

MARINER PROJECT

MARINER VENUS-MERCURY 1973

MARINER-MERCURY 1973

MARS 69 PROJECT

MARS 71 PROJECT

MERCURY PROJECT

NATIONAL LAUNCH VEHICLE

PROGRAM

NEW MOONS PROJECT

NIMBUS PROJECT

OPEN PROJECT

PIONEER PROJECT

PROJECT SETI

RANGER PROJECT

AGENA B RANGER PROGRAM

ROVER PROJECT

SAIL PROJECT

SATURN PROJECT

SCOUT PROJECT

SKYLAB PROGRAM

STARPROBE MISSION

SURVEYOR PROJECT

SYNCHRONOUS COMMUNICATIONS

SATELLITE PROJ

TEKTITE PROJECT

TIROS PROJECT

TITAN PROJECT

VANGUARD PROJECT

PROGRAMS--(cont.)

... VIKING MARS PROGRAM
... VOYAGER PROJECT
... NEW ZEALAND SPACE PROGRAM
... PAKISTAN SPACE PROGRAM
... SAUDI ARABIAN SPACE PROGRAM
... STARSITE PROGRAM
... TRAP PROGRAM
... UNIVERSITY PROGRAM
RT BUREAUS (ORGANIZATIONS)
COMMITTEE ON SPACE RESEARCH
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
EARTH RESOURCES INFORMATION
SYSTEM
INVESTIGATION
MISSION PLANNING
∞ MISSIONS
∞ OPERATIONS
PROGRAM TREND LINE ANALYSIS
RESEARCH AND DEVELOPMENT
∞ RESEARCH PROJECTS
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SOLAR MAXIMUM MISSION
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
USER MANUALS (COMPUTER
PROGRAMS)

PROGRESS

RT ECONOMICS
MANAGEMENT
PLANNING
∞ PROPERTIES

PROGRESSIONS

GS ANALYSIS (MATHEMATICS)
... CALCULUS
... SERIES (MATHEMATICS)
... PROGRESSIONS
... REAL VARIABLES
... SERIES (MATHEMATICS)
... PROGRESSIONS

PROHIBITION

RT LEGAL LIABILITY
PENALTIES
POLICIES
REGULATIONS

PROJECT MANAGEMENT

UF PROGRAM MANAGEMENT
GS MANAGEMENT
... PROJECT MANAGEMENT
RT COMMERCE
CONTRACT MANAGEMENT
CRITICAL PATH METHOD
GERT
INTERFACES
MANAGEMENT PLANNING
MANAGEMENT SYSTEMS
MISSION PLANNING
PERT
PROGRAM TREND LINE ANALYSIS
PROJECTS
RESEARCH AND DEVELOPMENT
∞ RESEARCH PROJECTS
WEAPON SYSTEM MANAGEMENT

PROJECT PLANNING

GS PLANNING
... MANAGEMENT PLANNING
... PROJECT PLANNING
RT ALLOCATIONS
BUDGETING
DECISIONS
ESTIMATES
FORECASTING
GOALS
MANAGEMENT
MATRIX MANAGEMENT
∞ MISSIONS
NASA INTERACTIVE PLANNING SYSTEM
OPERATIONS RESEARCH
PRIORITIES
PROJECTS

PROJECT SETI

UF SEARCH FOR EXTRATERRESTRIAL
INTELLIGENCE
SETI
GS PROGRAMS
... NASA PROGRAMS

PROJECT SETI--(cont.)

... NASA SPACE PROGRAMS
... PROJECT SETI
... PROJECTS
... PROJECT SETI
... SPACE PROGRAMS
... NASA SPACE PROGRAMS
... PROJECT SETI
RT EXTRATERRESTRIAL INTELLIGENCE
RADIO COMMUNICATION
RADIO SIGNALS

PROJECTILE CRATERING

UF HYPERVELOCITY CRATERING
GS CRATERING
... PROJECTILE CRATERING
RT EJECTA
HYPERVELOCITY IMPACT
HYPERVELOCITY PROJECTILES
METEORITE CRATERS
METEORITIC DAMAGE
METEOROID HAZARDS

PROJECTILE PENETRATION

USE TERMINAL BALLISTICS

PROJECTILES

GS PROJECTILES
... HYPERVELOCITY PROJECTILES
... PRECISION GUIDED PROJECTILES
... SABOT PROJECTILES
RT AMMUNITION
BALLISTICS
BOMBS (ORDNANCE)
CARTRIDGES
FINNED BODIES
GUNFIRE
GUNS (ORDNANCE)
INCENDIARY AMMUNITION
NUCLEAR WEAPONS
PYROTECHNICS
SHAPED CHARGES
SHRAPNEL
TERMINAL BALLISTICS
TERRADYNAMICS
WARHEADS
WEAPONS

∞ PROJECTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BONNE PROJECTION
DESCRIPTIVE GEOMETRY
DRAWINGS
FORECASTING
GNOMONIC PROJECTION
GRAPHIC ARTS
ILLUMINATING
MAGNIFICATION
PREDICTIONS
PROJECTORS
TRENDS

PROJECTIVE GEOMETRY

GS GEOMETRY
... EUCLIDEAN GEOMETRY
... PROJECTIVE GEOMETRY
... MERCATOR PROJECTION
RT ANALYTIC GEOMETRY
DESCRIPTIVE GEOMETRY
GNOMONIC PROJECTION
RECIPROCAL THEOREMS

PROJECTORS

SN (LIGHT AND IMAGE)
RT BEACONS
ILLUMINATING
LUMINAIRES
MOTION PICTURES
PHOTOGRAMMETRY
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHY
PRINTERS
∞ PROJECTION
SEARCHLIGHTS

PROJECTS

GS PROGRAMS
... PROJECTS
... ADVENT PROJECT
... AGRISTARS PROJECT
... ALARM PROJECT
... ALOUETTE PROJECT
... APOLLO PROJECT

PROJECTS--(cont.)

... APOLLO SOYUZ TEST PROJECT
... ARGUS PROJECT
... ASSET PROJECT
... ATLIT PROJECT
... BIG SHOT PROJECT
... BIOS PROJECT
... BUMBLEBEE PROJECT
... CENTAUR PROJECT
... DEFENDER PROJECT
... EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
... ECHO PROJECT
... ECLIPSE PROJECT
... EXPERIMENTAL REFLECTOR ORBITAL
SHOT PROJ
... FIRE (CLIMATOLOGY)
... GALILEO PROJECT
... GEMINI PROJECT
... GEOSARI PROJECT
... HARVARD RADIO METEOR PROJECT
... HELIOS PROJECT
... ISCCP PROJECT
... JUPITER PROJECT
... MAGELLAN PROJECT (NASA)
... MARS 69 PROJECT
... MARS 71 PROJECT
... MERCURY PROJECT
... NEW MOONS PROJECT
... NIKE PROJECT
... NIMBUS PROJECT
... OPEN PROJECT
... PIONEER PROJECT
... PROJECT SETI
... RADIO ATTENUATION MEASUREMENT
PROJECT
... RAND PROJECT
... RANGER PROJECT
... AGENA B RANGER PROGRAM
... ROVER PROJECT
... SAIL PROJECT
... SATURN PROJECT
... SCANNER PROJECT
... SCOUT PROJECT
... SEAFARER PROJECT
... SQUID PROJECT
... SUBMARINE INTEGRATED CONTROL
PROJECT
... SUCCESS PROJECT
... SURVEYOR PROJECT
... SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
... TELSTAR PROJECT
... THEMIS PROJECT
... TIROS PROJECT
... TITAN PROJECT
... VANGUARD PROJECT
... VOYAGER PROJECT
... WEST FORD PROJECT
RT BUREAUS (ORGANIZATIONS)
CONTRACTS
ESTIMATING
∞ MISSIONS
∞ OPERATIONS
PROJECT MANAGEMENT
PROJECT PLANNING
∞ RESEARCH PROJECTS
TASKS
TEAMS

PROKARYOTES

GS CELLS (BIOLOGY)
... PROKARYOTES
RT BACTERIA
BIOLOGICAL EVOLUTION
CYTOLOGY
EUKARYOTES
MOLECULAR BIOLOGY

PROLATE SPHEROIDS

GS GEOMETRY
... EUCLIDEAN GEOMETRY
... ANALYTIC GEOMETRY
... SPHEROIDS
... PROLATE SPHEROIDS
RT OBLATE SPHEROIDS

PROLATENESS

RT SHAPES

PROLOG (PROGRAMMING LANGUAGE)

GS LANGUAGES
... PROGRAMMING LANGUAGES
... PROLOG (PROGRAMMING
LANGUAGE)

PROLOG (PROGRAMMING LANGUAGE)--(cont.)

RT ARTIFICIAL INTELLIGENCE
COMPUTER PROGRAMMING
EXPERT SYSTEMS

PROLONGATION

GS EXTENSIONS
. **PROLONGATION**
RT TIME

PROMETHAZINE

GS AMINES
. **PROMETHAZINE**
DRUGS
. ANTIHISTAMINICS
. **PROMETHAZINE**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **PROMETHAZINE**

PROMETHIUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. **PROMETHIUM**
. **PROMETHIUM** ISOTOPES
METALS
. RARE EARTH ELEMENTS
. **PROMETHIUM**
. **PROMETHIUM** ISOTOPES

PROMETHIUM ISOTOPES

UF PROMETHIUM 146
GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. **PROMETHIUM ISOTOPES**
. RARE EARTH ELEMENTS
. **PROMETHIUM**
. **PROMETHIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. **PROMETHIUM**
. **PROMETHIUM ISOTOPES**

PROMETHIUM 146

USE PROMETHIUM ISOTOPES

PROMINENCES

GS **PROMINENCES**
. SOLAR PROMINENCES
RT SOLAR ACTIVITY

PROMOTION

RT DISPLAY DEVICES
INCREASING
PUBLIC RELATIONS
UPGRADING

PRONE POSITION

RT REST
SITTING POSITION
SUPINE POSITION

PRONY SERIES

GS ANALYSIS (MATHEMATICS)
. CALCULUS
. SERIES (MATHEMATICS)
. **PRONY SERIES**
. REAL VARIABLES
. SERIES (MATHEMATICS)
. **PRONY SERIES**

PROOFS

USE PROVING

PROP-FAN TECHNOLOGY

UF PROP-FAN TECHNOLOGY
RT PROPELLER BLADES
PROPELLER EFFICIENCY
PROPELLER FANS
TURBOPROP ENGINES

PROPROPAGATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF PROPAGATORS
RT ACOUSTIC PROPAGATION
ATTENUATION
CRACK PROPAGATION
DIFFRACTION PROPAGATION
DIFFUSION
ELECTROMAGNETIC RADIATION

PROPAGATION--(cont.)

FLAME PROPAGATION
PROPAGATION (EXTENSION)
SELF PROPAGATION
STRESS PROPAGATION
TRANSEQUATORIAL PROPAGATION
TRANSMISSION
WAVE PROPAGATION

PROPAGATION (EXTENSION)

GS **PROPAGATION (EXTENSION)**
. CRACK PROPAGATION
. FLAME PROPAGATION
RT ∞ PROPAGATION

PROPAGATION MODES

GS MODES
. **PROPAGATION MODES**
. WHISPERING GALLERY MODES
RT ANTIPODES
CIRCULAR WAVEGUIDES
ELECTROMAGNETIC SURFACE WAVES
FIELD MODE THEORY
MODE TRANSFORMERS
MULTIMODE RESONATORS
PROPAGATION VELOCITY
SHOCK WAVE INTERACTION
WAVE INTERACTION
WAVE PROPAGATION
WAVEGUIDES

PROPAGATION VELOCITY

GS RATES (PER TIME)
. **PROPAGATION VELOCITY**
VELOCITY
. **PROPAGATION VELOCITY**
RT ELECTROMAGNETIC RADIATION
GROUP VELOCITY
PHASE VELOCITY
PROPAGATION MODES
WAVE PROPAGATION

PROPAGATORS

USE PROPAGATION

PROPANE

GS ORGANIC COMPOUNDS
. HYDROCARBONS
. ALIPHATIC HYDROCARBONS
. ALKANES
. **PROPANE**
RT CYCLOPROPANE
HYDROCARBON FUELS
NITROPROPANE

PROPARGYL GROUPS

GS ORGANIC COMPOUNDS
. **PROPARGYL GROUPS**
RT ETHERS
GETTERS
PHENYLS

PROPELLANT ACTUATED DEVICES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT EJECTION SEATS
EXPLOSIVE DEVICES
PROPELLANT ACTUATED INSTRUMENTS
ROCKET ENGINES

PROPELLANT ACTUATED INSTRUMENTS

RT ACTUATORS
CONTROLLERS
 ∞ INSTRUMENTS
MEASURING INSTRUMENTS
 ∞ PROPELLANT ACTUATED DEVICES

PROPELLANT ADDITIVES

GS ADDITIVES
. **PROPELLANT ADDITIVES**
. **PROPELLANT BINDERS**
. SOLID ROCKET BINDERS
RT ANTIAGING ADDITIVES
ANTIOXIDANTS
CATALYSTS
COMPOSITE PROPELLANTS
CORROSION PREVENTION
GELLED PROPELLANTS
INHIBITORS
PLASTICIZERS
STORABLE PROPELLANTS

PROPELLANT BINDERS

GS ADDITIVES
. **PROPELLANT ADDITIVES**
. **PROPELLANT BINDERS**
. SOLID ROCKET BINDERS
BINDERS (MATERIALS)
. **PROPELLANT BINDERS**
. SOLID ROCKET BINDERS
RT COMPOSITE PROPELLANTS
GLYCIDYL AZIDE POLYMER
ROCKET PROPELLANTS
SOLID PROPELLANTS

PROPELLANT CASTING

GS CASTINGS
. **PROPELLANT CASTING**
FORMING TECHNIQUES
. CASTING
. **PROPELLANT CASTING**

PROPELLANT CHEMISTRY

RT ∞ CHEMISTRY
SOLID PROPELLANT COMBUSTION
THERMOCHEMISTRY

PROPELLANT COMBUSTION

GS COMBUSTION
. **PROPELLANT COMBUSTION**
. SOLID PROPELLANT COMBUSTION
. SOLID PROPELLANT IGNITION
RT AXIAL MODES
COMBUSTION EFFICIENCY
COMBUSTION STABILITY
EROSIVE BURNING
FUEL COMBUSTION
HYDROCARBON COMBUSTION
IGNITION
METAL COMBUSTION
REACTING FLOW
TURBULENT COMBUSTION
VELOCITY COUPLING

PROPELLANT DECOMPOSITION

GS DECOMPOSITION
. **PROPELLANT DECOMPOSITION**
RT ENDOTHERMIC FUELS
FUEL CORROSION
INHIBITORS
MONOPROPELLANTS
STORABLE PROPELLANTS

PROPELLANT EVAPORATION

GS PHASE TRANSFORMATIONS
. VAPORIZING
. EVAPORATION
. **PROPELLANT EVAPORATION**
RT EVAPORATIVE COOLING
STORABLE PROPELLANTS

PROPELLANT EXPLOSIONS

RT DETONATION
IMPLOSIONS
ROCKET ENGINES

PROPELLANT GRAINS

RT BURNING RATE
 ∞ GRAINS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

PROPELLANT MASS RATIO

GS RATIOS
. MASS RATIOS
. **PROPELLANT MASS RATIO**
RT PAYLOAD MASS RATIO
PRESSURE RATIO
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
SPECIFIC IMPULSE
STAGE SEPARATION

PROPELLANT OXIDIZERS

USE ROCKET OXIDIZERS

PROPELLANT PROPERTIES

GS **PROPELLANT PROPERTIES**
. PROPELLANT SENSITIVITY
. PROPELLANT STORABILITY
RT CHEMICAL PROPERTIES
ELASTIC PROPERTIES
MECHANICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 ∞ PROPERTIES
THERMODYNAMIC PROPERTIES

PROPELLANT SENSITIVITY

- GS PROPELLANT PROPERTIES
 - . **PROPELLANT SENSITIVITY**
 - . SENSITIVITY
- RT
 - . **PROPELLANT SENSITIVITY**
 - . IGNITION TEMPERATURE
 - . IMPACT RESISTANCE
 - . SHOCK RESISTANCE
 - . SPONTANEOUS COMBUSTION
 - . STORABLE PROPELLANTS

PROPELLANT SPRAYS

- RT
 - . FUEL INJECTION
 - . FUEL SPRAYS
 - . LIQUID INJECTION
 - . LIQUID ROCKET PROPELLANTS
 - . SPRAYERS

PROPELLANT STORABILITY

- GS PROPELLANT PROPERTIES
 - . **PROPELLANT STORABILITY**
- RT
 - . FUEL CORROSION
 - . INHIBITORS
 - . STORABLE PROPELLANTS

PROPELLANT STORAGE

- RT
 - . CONSUMABLES (SPACECRAFT)
 - . EXPULSION BLADDERS
 - . FUEL TANK PRESSURIZATION
 - . FUEL TANKS
 - . GROUND SUPPORT EQUIPMENT
 - . HANDLING EQUIPMENT
 - . MISSILE STORAGE
 - . ROCKET PROPELLANTS
 - . SPACE STORAGE
 - . STORABLE PROPELLANTS
- ∞ STORAGE
 - . UNDERGROUND STORAGE

PROPELLANT TANKS

- UF ROCKET PROPELLANT TANKS
- GS TANKS (CONTAINERS)
 - . **PROPELLANT TANKS**
- RT
 - . CYLINDRICAL TANKS
 - . EXPULSION BLADDERS
 - . EXTERNAL TANKS
 - . FLUID FILLED SHELLS
 - . FUEL TANK PRESSURIZATION
 - . FUEL TANKS
 - . LIQUID FILLED SHELLS
 - . LIQUID PROPELLANT ROCKET ENGINES
 - . LIQUID SLOSHING
 - . PRESSURE VESSELS
 - . SPHERICAL TANKS
 - . STORAGE TANKS
 - . TANK GEOMETRY
 - . ULLAGE

PROPELLANT TESTS

- RT
 - . COLD FLOW TESTS
 - . CORROSION TESTS
 - . ENGINE TESTS
 - . FUEL TESTS
 - . INTERIOR BALLISTICS
- ∞ MATERIALS TESTS
 - . MISSILE TESTS
 - . PROPULSIVE EFFICIENCY
 - . STABILITY TESTS
- ∞ TESTS

PROPELLANT TRANSFER

- GS
 - . FLUID FLOW
 - . FUEL FLOW
 - . **PROPELLANT TRANSFER**
 - . MATERIALS HANDLING
 - . **PROPELLANT TRANSFER**
- RT
 - . FUEL CONTROL
 - . FUEL SYSTEMS
 - . LIQUID SLOSHING
 - . REFUELING

PROPELLANTS

- GS **PROPELLANTS**
 - . COLLOIDAL PROPELLANTS
 - . DOUBLE BASE PROPELLANTS
 - . DOUBLE BASE ROCKET PROPELLANTS
 - . GELLED PROPELLANTS
 - . GELLED ROCKET PROPELLANTS
 - . GUN PROPELLANTS
 - . HIGH ENERGY PROPELLANTS
 - . DOMINO PROPELLANTS
 - . HIGH TEMPERATURE PROPELLANTS
 - . HYBRID PROPELLANTS
 - . HYDRAZINE NITROFORM

PROPELLANTS--(cont.)

- . HYDROGEN AZIDES
 - . NITRASOL EXPLOSIVES
 - . PENTOLITE
 - . RDX
 - . ROCKET PROPELLANTS
 - . GASEOUS ROCKET PROPELLANTS
 - . LIQUID ROCKET PROPELLANTS
 - . CRYOGENIC ROCKET PROPELLANTS
 - . GELLED ROCKET PROPELLANTS
 - . HYPERGOLIC ROCKET PROPELLANTS
 - . MONOPROPELLANTS
 - . AEROZINE
 - . RP-1 ROCKET PROPELLANTS
 - . SLURRY PROPELLANTS
 - . SLUSH HYDROGEN
 - . NITRAMINE PROPELLANTS
 - . SOLID ROCKET PROPELLANTS
 - . DOUBLE BASE ROCKET PROPELLANTS
 - . METAL PROPELLANTS
 - . TAGN
 - . TATB
 - . SOLID PROPELLANTS
 - . CASE BONDED PROPELLANTS
 - . COMPOSITE PROPELLANTS
 - . NITRAMINE PROPELLANTS
 - . PLASTIC PROPELLANTS
 - . SOLID ROCKET PROPELLANTS
 - . DOUBLE BASE ROCKET PROPELLANTS
 - . HMX
 - . HTPB PROPELLANTS
 - . METAL PROPELLANTS
 - . STORABLE PROPELLANTS
 - . TETRYL
- RT
 - . AMMUNITION
 - . ASCENT PROPULSION SYSTEMS
 - . AUXILIARY PROPULSION
 - . BALLISTICS
 - . BURNING RATE
 - . CARTRIDGES
 - . CHEMICAL FUELS
 - . ENERGY SOURCES
 - . EXPLOSIVES
 - . FUEL TANKS
 - . FUELS
 - . FULMINATES
 - . GUNS (ORDNANCE)
 - . INCENDIARY AMMUNITION
 - . POWER SUPPLIES
 - . PROPULSION
 - . SPACECRAFT POWER SUPPLIES
 - . SPACECRAFT PROPULSION
 - . SPECIFIC IMPULSE
 - . TORPEDOES

PROPELLER BLADES

- GS AIRFOILS
 - . **PROPELLER BLADES**
- RT
 - . BLADE TIPS
- ∞ BLADES
 - . FAN BLADES
 - . FEATHERING
 - . PROP-FAN TECHNOLOGY
 - . PROPELLERS
 - . ROTARY WINGS
 - . SYNCHROPHASING

PROPELLER DRIVE

- GS
 - . MECHANICAL DRIVES
 - . **PROPELLER DRIVE**
 - . HELICOPTER PROPELLER DRIVE
- RT
 - . CONTRAROTATING PROPELLERS
 - . MARINE PROPULSION
 - . PROPELLERS
 - . UNDERWATER PROPULSION

PROPELLER EFFICIENCY

- GS
 - . EFFICIENCY
 - . PROPULSIVE EFFICIENCY
 - . **PROPELLER EFFICIENCY**
- RT
 - . CONTRAROTATING PROPELLERS
 - . POWER EFFICIENCY
 - . PROP-FAN TECHNOLOGY
 - . PROPELLERS

PROPELLER FANS

- GS PROPELLERS
 - . **PROPELLER FANS**
- RT
 - . DUCTED FANS
- ∞ FANS
 - . LIFT FANS
 - . PROP-FAN TECHNOLOGY

PROPELLER NOISE

- GS
 - . ELASTIC WAVES
 - . SOUND WAVES
 - . NOISE (SOUND)
 - . AERODYNAMIC NOISE
 - . **PROPELLER NOISE**
 - . AIRCRAFT NOISE
 - . **PROPELLER NOISE**
- RT
 - . ACOUSTIC RETROFITTING
 - . AEROACOUSTICS
 - . BLADE SLAP NOISE
 - . ENGINE NOISE
 - . MUFFLERS
 - . NOISE INTENSITY
 - . NOISE MEASUREMENT
 - . NOISE PREDICTION (AIRCRAFT)
 - . NOISE REDUCTION
 - . SOUND FIELDS
 - . SOUND TRANSMISSION

PROPELLER SLIPSTREAMS

- GS
 - . WAKES
 - . AIRCRAFT WAKES
 - . SLIPSTREAMS
 - . **PROPELLER SLIPSTREAMS**
 - . TURBULENT WAKES
 - . SLIPSTREAMS
- RT
 - . **PROPELLER SLIPSTREAMS**
 - . INTERFERENCE DRAG

PROPELLERS

- GS **PROPELLERS**
 - . CONTRAROTATING PROPELLERS
 - . PROPELLER FANS
 - . SHROUDED PROPELLERS
 - . TILTED PROPELLERS
 - . VARIABLE PITCH PROPELLERS
- RT
 - . ACTUATOR DISKS
 - . FEATHERING
 - . PROPELLER BLADES
 - . PROPELLER DRIVE
 - . PROPELLER EFFICIENCY
 - . SHIPS

∞ PROPERTIES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF ATTRIBUTES
- RT
 - . ACOUSTIC PROPERTIES
 - . BIODEGRADABILITY
 - . CHEMICAL PROPERTIES
 - . CREEP PROPERTIES
 - . DIELECTRIC PROPERTIES
 - . DYNAMIC CHARACTERISTICS
 - . ELECTRICAL PROPERTIES
 - . ELECTROMAGNETIC PROPERTIES
 - . HYGRAL PROPERTIES
 - . MACROSCOPIC EQUATIONS
 - . MAGNETIC PROPERTIES
 - . MATERIALS SCIENCE
 - . MECHANICAL PROPERTIES
 - . OPTICAL PROPERTIES
 - . PHYSICAL PROPERTIES
 - . PLASTIC PROPERTIES
 - . POROSITY
 - . PREJUDICES
 - . PROGRESS
 - . PROPELLANT PROPERTIES
 - . PROXIMITY
 - . RECOVERABILITY
 - . REGULARITY
 - . SHEAR PROPERTIES
 - . STRUCTURAL PROPERTIES (GEOLOGY)
 - . SURFACE PROPERTIES
 - . TENSILE PROPERTIES
 - . THERMOCHEMICAL PROPERTIES
 - . THERMODYNAMIC PROPERTIES
 - . THERMOPHYSICAL PROPERTIES
 - . TRANSPORT PROPERTIES
 - . TURBIDITY
 - . VIRTUAL PROPERTIES

PROPFAN TECHNOLOGY

- USE PROP-FAN TECHNOLOGY

PROPHYLAXIS

- RT
 - . DISEASES
 - . IMMUNOLOGY

PROPIONIC ACID

- GS
 - . ACIDS
 - . CARBOXYLIC ACIDS
 - . FATTY ACIDS
 - . **PROPIONIC ACID**

PROPIONIC ACID--(cont.)

ORGANIC COMPOUNDS
 . CARBOXYLIC ACIDS
 . FATTY ACIDS
 . . . **PROPIONIC ACID**

PROPORTION

RT DISTRIBUTING
 RATIOS

PROPORTIONAL CONTROL

GS AUTOMATIC CONTROL
 . **PROPORTIONAL CONTROL**
 RT ∞ CONTROL
 CONTROL EQUIPMENT
 FEEDBACK CONTROL
 OFF-ON CONTROL
 SERVOCONTROL

PROPORTIONAL COUNTERS

GS IONIZATION CHAMBERS
 . **PROPORTIONAL COUNTERS**
 MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . **PROPORTIONAL COUNTERS**
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION COUNTERS
 . . . **PROPORTIONAL COUNTERS**
 RT DOSIMETERS
 GEIGER COUNTERS
 NEUTRON COUNTERS

PROPORTIONAL LIMIT

UF ELASTIC STRENGTH
 GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . **PROPORTIONAL LIMIT**
 RANGE (EXTREMES)
 . **PROPORTIONAL LIMIT**
 RT CRITICAL LOADING
 MODULUS OF ELASTICITY
 STRESS-STRAIN DIAGRAMS

PROPOSALS

RT CONTRACTS
 COST ANALYSIS
 REPORTS
 RESEARCH AND DEVELOPMENT

PROPRIOCEPTION

UF KINESTHESIS
 GS PERCEPTION
 . SENSORY PERCEPTION
 . . **PROPRIOCEPTION**
 . . . AUTOKINESIS
 RT KINESTHESIS

PROPRIOCEPTORS

GS ANATOMY
 . SENSE ORGANS
 . . **PROPRIOCEPTORS**
 RECEPTORS (PHYSIOLOGY)
 . **PROPRIOCEPTORS**
 RT BARORECEPTORS
 NERVOUS SYSTEM
 SENSITOMETRY

PROPULSION

GS **PROPULSION**
 . ASCENT PROPULSION SYSTEMS
 . AUXILIARY PROPULSION
 . CHEMICAL PROPULSION
 . HYBRID PROPULSION
 . DESCENT PROPULSION SYSTEMS
 . ELECTRIC PROPULSION
 . . ELECTROMAGNETIC PROPULSION
 . . ELECTROSTATIC PROPULSION
 . . . ION PROPULSION
 . . . LASER PROPULSION
 . . . PLASMA PROPULSION
 . . . SOLAR ELECTRIC PROPULSION
 . . . JET PROPULSION
 . . . LOW THRUST PROPULSION
 . . . ELECTROMAGNETIC PROPULSION
 . . . ELECTROSTATIC PROPULSION
 . . . ION PROPULSION
 . . . MAN OPERATED PROPULSION
 . . . SYSTEMS
 . . . PHOTONIC PROPULSION
 . . . PLASMA PROPULSION
 . . . SOLAR PROPULSION
 SOLAR ELECTRIC PROPULSION
 SOLAR THERMAL PROPULSION
 MARINE PROPULSION

PROPULSION--(cont.)

. . UNDERWATER PROPULSION
 . . . SUBMARINE PROPULSION
 . . . NUCLEAR PROPULSION
 . . . NUCLEAR ELECTRIC PROPULSION
 . . . SPACE STATION PROPULSION
 . . . SPACECRAFT PROPULSION
 . . . ELECTROMAGNETIC PROPULSION
 . . . ELECTROSTATIC PROPULSION
 . . . ION PROPULSION
 . . . MATTER-ANTIMATTER PROPULSION
 . . . NEGATIVE MATTER PROPULSION
 . . . PHOTONIC PROPULSION
 . . . PLASMA PROPULSION
 . . . SOLAR PROPULSION
 SOLAR ELECTRIC PROPULSION
 SOLAR THERMAL PROPULSION
 RT AERONAUTICAL ENGINEERING
 ∞ AIRCRAFT
 ∞ ASTRONAUTICS
 ∞ DRIVES
 ENGINES
 EXHAUST GASES
 FUEL TANK PRESSURIZATION
 FUEL TANKS
 HIGH IMPULSE
 LOCOMOTION
 MASS DRIVERS
 MISSILES
 POST BOOST PROPULSION SYSTEM
 PROPELLANTS
 PROPULSIVE EFFICIENCY
 PULLING
 PUSHING
 ROCKET PROPELLANTS
 SOLAR SAILS
 SPACE FLIGHT
 SPACE SHUTTLE MAIN ENGINE
 SPACE TUGS
 THRUST

PROPULSION SYSTEM CONFIGURATIONS

GS **PROPULSION SYSTEM CONFIGURATIONS**
 . ASCENT PROPULSION SYSTEMS
 . DESCENT PROPULSION SYSTEMS
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT CONFIGURATIONS
 AUXILIARY PROPULSION
 ∞ CONFIGURATIONS
 CONVERTIBLE FAN-SHAFT ENGINES
 LASER PROPULSION
 LAUNCH VEHICLE CONFIGURATIONS
 MISSILE CONFIGURATIONS
 POST BOOST PROPULSION SYSTEM
 SPACE STATION PROPULSION
 SPACECRAFT CONFIGURATIONS
 ∞ SYSTEMS
 TOPPING CYCLE ENGINES

PROPULSION SYSTEM PERFORMANCE

RT COLD FLOW TESTS
 COMBUSTION EFFICIENCY
 ∞ PERFORMANCE
 POWER EFFICIENCY
 PROPELLANT MASS RATIO
 PROPULSIVE EFFICIENCY
 ROCKET THRUST
 SOLAR THERMAL PROPULSION
 SPECIFIC IMPULSE
 ∞ SYSTEMS
 THERMODYNAMIC EFFICIENCY

PROPULSIVE EFFICIENCY

GS EFFICIENCY
 . **PROPULSIVE EFFICIENCY**
 . . PROPELLER EFFICIENCY
 RT COMBUSTION EFFICIENCY
 ENGINE TESTS
 LASER PROPULSION
 MULTISTAGE ROCKET VEHICLES
 NOZZLE EFFICIENCY
 POWER EFFICIENCY
 PROPELLANT MASS RATIO
 PROPELLANT TESTS
 PROPULSION
 PROPULSION SYSTEM PERFORMANCE
 SPECIFIC IMPULSE
 THERMODYNAMIC EFFICIENCY
 THRUST PROGRAMMING

PROPYL COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS

PROPYL NITRATE

GS ALKYL COMPOUNDS
 . **PROPYL NITRATE**
 ESTERS
 . NITRATE ESTERS
 . . **PROPYL NITRATE**
 NITROGEN COMPOUNDS
 . NITRATE ESTERS
 . . **PROPYL NITRATE**

PROPYLENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . ALIPHATIC HYDROCARBONS
 . . . ALKENES
 **PROPYLENE**

PROPYLENE OXIDE

GS EPOXY COMPOUNDS
 . **PROPYLENE OXIDE**

PROSPECTING

USE EXPLORATION

PROSTAGLANDINS

GS ORGANIC COMPOUNDS
 . LIPIDS
 . . STEROIDS
 . . . **PROSTAGLANDINS**
 SECRETIONS
 . ENDOCRINE SECRETIONS
 . . HORMONES
 . . . **PROSTAGLANDINS**
 RT BIOSYNTHESIS
 PROSTATE GLAND

PROSTATE GLAND

GS ANATOMY
 . GENITOURINARY SYSTEM
 . . REPRODUCTIVE SYSTEMS
 . . . SEX GLANDS
 **PROSTATE GLAND**
 . GLANDS (ANATOMY)
 . . SEX GLANDS
 . . . **PROSTATE GLAND**
 RT BLADDER
 PROSTAGLANDINS

PROSTHETIC DEVICES

GS MEDICAL EQUIPMENT
 . **PROSTHETIC DEVICES**
 . . ARTIFICIAL EARS
 RT WALKING MACHINES

PROTACTINIUM

GS CHEMICAL ELEMENTS
 . **PROTACTINIUM**
 . . PROTACTINIUM ISOTOPES
 METALS
 . **PROTACTINIUM**
 . . PROTACTINIUM ISOTOPES

PROTACTINIUM COMPOUNDS

GS **PROTACTINIUM COMPOUNDS**
 . PROTACTINIUM FLUORIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

PROTACTINIUM FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 **PROTACTINIUM FLUORIDES**
 PROTACTINIUM COMPOUNDS
 . **PROTACTINIUM FLUORIDES**

PROTACTINIUM ISOTOPES

UF PROTACTINIUM 234
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **PROTACTINIUM ISOTOPES**
 . PROTACTINIUM
 . . **PROTACTINIUM ISOTOPES**
 METALS
 . PROTACTINIUM
 . . **PROTACTINIUM ISOTOPES**

PROTACTINIUM 234

USE PROTACTINIUM ISOTOPES

PROTEASE

GS BIOPOLYMERS

PROTEASE--(cont.)

- . PROTEINS
- . ENZYMES
- . . . **PROTEASE**
- ORGANIC COMPOUNDS
- . PROTEINS
- . ENZYMES
- . . . **PROTEASE**

PROTECTION

- GS **PROTECTION**
 - . ACCELERATION PROTECTION
 - . CIRCUIT PROTECTION
 - . CORROSION PREVENTION
 - . ENVIRONMENT PROTECTION
 - . EYE PROTECTION
 - . METEOROID PROTECTION
 - . RADIATION PROTECTION
 - . . . RADIATION SHIELDING
 - . . . SOLAR RADIATION SHIELDING
 - . THERMAL PROTECTION
- RT
 - ACCIDENT PREVENTION
 - AIRPORT SECURITY
 - CIVIL DEFENSE
 - COATINGS
 - COUNTERMEASURES
 - FLYING EJECTION SEATS
 - HAZARDS
 - HOUSINGS
 - INSULATION
 - PREVENTION
 - PROTECTORS
 - ∞ RESISTANCE
 - SAFETY
 - SAFETY DEVICES
 - SHIELDING
 - WARNING
 - WARNING SYSTEMS

PROTECTIVE CLOTHING

- GS CLOTHING
 - . **PROTECTIVE CLOTHING**
 - . . . HELMETS
 - . . . PRESSURE SUITS
 - . . . SPACE SUITS
 - EXTRAVEHICULAR MOBILITY UNITS
 - . . . VAPOR BARRIER CLOTHING
- RT
 - ARMOR
 - CHEMICAL DEFENSE
 - COVERALLS
 - EMERGENCY LIFE SUSTAINING SYSTEMS
 - FLIGHT CLOTHING
 - GLOVES
 - GOGGLES
 - MASKS
 - SAFETY DEVICES
 - SHOES

PROTECTIVE COATINGS

- UF CERAMAL PROTECTIVE COATINGS
- GS
 - SPRAYED PROTECTIVE COATINGS
 - COATINGS
 - . **PROTECTIVE COATINGS**
 - . . . ANODIC COATINGS
 - . . . CERAMIC COATINGS
 - . . . PRIMERS (COATINGS)
 - . . . REFRACTORY COATINGS
- RT
 - ALKYD RESINS
 - ALUMINIDES
 - ANODIZING
 - CLADDING
 - ∞ CONSTRUCTION MATERIALS
 - CORROSION
 - DESENSITIZING
 - ELECTROPLATING
 - ENCAPSULATING
 - FINISHES
 - GLASS COATINGS
 - GLAZES
 - GOLD COATINGS
 - INORGANIC COATINGS
 - LACQUERS
 - METAL COATINGS
 - NICKEL COATINGS
 - PAINTS
 - PLASTIC COATINGS
 - PLATING
 - RUBBER COATINGS
 - SPRAYED COATINGS
 - SURFACE FINISHING
 - TRANSGRANULAR CORROSION
 - VARNISHES
 - WATERPROOFING

PROTECTIVE COATINGS--(cont.)

ZINC COATINGS

PROTECTORS

- GS **PROTECTORS**
- RT
 - . EAR PROTECTORS
 - BUMPERS
 - ∞ CONTAINERS
 - ENCLOSURES
 - FAIRINGS
 - HOUSINGS
 - PROTECTION
 - SAFETY DEVICES
 - ∞ SCREENS
 - SHEATHS
 - SHIELDING

PROTEIN CRYSTAL GROWTH

- GS GROWTH
 - . CRYSTAL GROWTH
 - . . **PROTEIN CRYSTAL GROWTH**
- RT
 - PROTEIN SYNTHESIS
 - PROTEINS
 - SPACE PROCESSING

PROTEIN DENATURATION

- USE BIOPOLYMER DENATURATION

PROTEIN METABOLISM

- GS METABOLISM
 - . **PROTEIN METABOLISM**
 - . . . LIPID METABOLISM
- RT
 - PROTEIN SYNTHESIS
 - SYNTHETIC FOOD

PROTEIN SYNTHESIS

- RT
 - BIOLOGICAL EVOLUTION
 - CHEMICAL EVOLUTION
 - PROTEIN CRYSTAL GROWTH
 - PROTEIN METABOLISM

PROTEINOIDS

- GS BIOPOLYMERS
 - . PROTEINS
 - . . **PROTEINOIDS**
 - ORGANIC COMPOUNDS
 - . PROTEINS
 - . . **PROTEINOIDS**

PROTEINS

- GS BIOPOLYMERS
 - . **PROTEINS**
 - . . . ALBUMINS
 - . . . ASPARTATES
 - . . . CALMODULIN
 - . . . ELASTIN
 - . . . ENZYMES
 - . . . ALDOLASE
 - . . . AMIDASE
 - . . . CARBONIC ANHYDRASE
 - . . . CATALASE
 - . . . CHOLINESTERASE
 - . . . CYTOCHROMES
 - . . . HEXOKINASE
 - . . . LYSOZYME
 - . . . NUCLEASE
 - . . . OXIDASE
 - . . . PAPAIN
 - . . . PEPSIN
 - . . . PROTEASE
 - . . . THROMBIN
 - . . . TRYPSIN
 - . . . FIBRIN
 - . . . GLOBULINS
 - . . . FIBRINOGEN
 - . . . GAMMA GLOBULIN
 - . . . HEMOGLOBIN
 - . . . CARBOXYHEMOGLOBIN
 - . . . OXYHEMOGLOBIN
 - . . . KERATINS
 - . . . LIPOPROTEINS
 - . . . MELANIN
 - . . . MYOGLOBIN
 - . . . PROTEINOIDS
 - . . . PROTHROMBIN
 - . . . PROTOPROTEINS
 - ORGANIC COMPOUNDS
 - . **PROTEINS**
 - . . . ALBUMINS
 - . . . ASPARTATES
 - . . . CALMODULIN
 - . . . ELASTIN
 - . . . ENZYMES
 - . . . ALDOLASE
 - . . . AMIDASE

PROTEINS--(cont.)

- . . . CARBONIC ANHYDRASE
- . . . CATALASE
- . . . CHOLINESTERASE
- . . . CYTOCHROMES
- . . . HEXOKINASE
- . . . LYSOZYME
- . . . NUCLEASE
- . . . OXIDASE
- . . . PAPAIN
- . . . PEPSIN
- . . . PROTEASE
- . . . THROMBIN
- . . . TRYPSIN
- . . . FIBRIN
- . . . GLOBULINS
- . . . FIBRINOGEN
- . . . GAMMA GLOBULIN
- . . . HEMOGLOBIN
- . . . CARBOXYHEMOGLOBIN
- . . . OXYHEMOGLOBIN
- . . . KERATINS
- . . . LIPOPROTEINS
- . . . MELANIN
- . . . MYOGLOBIN
- . . . PROTEINOIDS
- . . . PROTHROMBIN
- . . . PROTOPROTEINS
- RT ADRENOCORTICOTROPIN (ACTH)
- ALANINE
- BIOPOLYMER DENATURATION
- COLLAGENS
- CYSTEAMINE
- CYSTEINE
- ∞ FOOD
- MACROMOLECULES
- NUCLEIC ACIDS
- NUCLEOTIDES
- ∞ NUTRIENTS
- PEPTIDES
- POLYNUCLEOTIDES
- POLYPEPTIDES
- PROTEIN CRYSTAL GROWTH
- PROTOPLASM
- SERUMS
- SYNTHETIC FOOD

PROTHROMBIN

- GS BIOPOLYMERS
 - . PROTEINS
 - . . **PROTHROMBIN**
 - ORGANIC COMPOUNDS
 - . PROTEINS
 - . . **PROTHROMBIN**
- RT THROMBIN

PROTIUM

- USE LIGHT WATER

PROTOBIOLOGY

- RT
 - ABIOGENESIS
 - BIOLOGICAL EVOLUTION
- ∞ BIOLOGY
- CHEMICAL EVOLUTION
- PALEONTOLOGY
- VIRUSES

PROTOCOL (COMPUTERS)

- RT
 - CHANNELS (DATA TRANSMISSION)
 - COMMUNICATION NETWORKS
 - COMPUTER NETWORKS
 - DATA LINKS
 - DATA PROCESSING
 - DATA TRANSMISSION
 - LOCAL AREA NETWORKS
 - PACKET SWITCHING

PROTON BEAMS

- GS BEAMS (RADIATION)
 - . PARTICLE BEAMS
 - . . **PROTON BEAMS**
- RT NEUTRON BEAMS

PROTON BELTS

- GS PARTICLES
 - . CHARGED PARTICLES
 - . . MAGNETICALLY TRAPPED PARTICLES
 - . . . RADIATION BELTS
 - **PROTON BELTS**
 - . . . TRAPPED PARTICLES
 - . . . MAGNETICALLY TRAPPED PARTICLES
 - . . . RADIATION BELTS
 - **PROTON BELTS**
- RT
 - ∞ BELTS
 - INNER RADIATION BELT

PROTON BELTS--(cont.)
OUTER RADIATION BELT

PROTON DAMAGE
GS DAMAGE
PROTON DAMAGE

PROTON DENSITY (CONCENTRATION)
GS DENSITY (NUMBER/VOLUME)
PARTICLE DENSITY (CONCENTRATION)
ION DENSITY (CONCENTRATION)
PROTON DENSITY
(CONCENTRATION)
MAGNETOSPHERIC PROTON
DENSITY
RT ATMOSPHERIC DENSITY
ATOM CONCENTRATION
PLASMA DENSITY
SPACE DENSITY

PROTON ENERGY
GS PARTICLE ENERGY
PROTON ENERGY
RT ACTIVATION ENERGY
ELECTRON ENERGY
ENERGY
KINETIC ENERGY
SURFACE ENERGY

PROTON FLUX DENSITY
SN (LIMITED TO PROTON EMISSION OR
DETECTION RATE PER UNIT AREA)
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
RT IRRADIANCE
RADIANCY
RADIATION COUNTERS
SOLAR FLUX DENSITY

PROTON IMPACT
GS IMPACT
PROTON IMPACT
RT ELECTRON IMPACT
POINT IMPACT

PROTON IRRADIATION
GS IRRADIATION
ION IRRADIATION
PROTON IRRADIATION
RT DEUTERON IRRADIATION
ELECTRON RADIATION

PROTON MAGNETIC RESONANCE
GS RESONANCE
MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON MAGNETIC RESONANCE

PROTON MASERS
GS STIMULATED EMISSION DEVICES
MASERS
PROTON MASERS
RT MAGNETOMETERS

PROTON PRECESSION
GS GYRATION
PRECESSION
PROTON PRECESSION
RT FREE VIBRATION

PROTON PRECIPITATION
GS PARTICLE PRECIPITATION
PROTON PRECIPITATION
RT AURORAS
ELECTRON PRECIPITATION
PARTICLES
PRECIPITATION
RADIATION BELTS
TRAPPED PARTICLES
UPPER ATMOSPHERE

PROTON PROTUBERANCES
GS PROTUBERANCES
PROTON PROTUBERANCES

PROTON RESONANCE
GS RESONANCE
MAGNETIC RESONANCE
NUCLEAR MAGNETIC RESONANCE
PROTON RESONANCE
RT NUCLEAR PARTICLES

PROTON SATELLITES
GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE
PROTON 2 SATELLITE
PROTON 3 SATELLITE
PROTON 4 SATELLITE
RT U.S.S.R. SPACE PROGRAM

PROTON SCATTERING
GS NUCLEAR REACTIONS
PROTON SCATTERING
SCATTERING
PROTON SCATTERING
RT ION SCATTERING

PROTON TELESCOPES
USE PARTICLE TELESCOPES

PROTON 1 SATELLITE
GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE

PROTON 2 SATELLITE
GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 2 SATELLITE

PROTON 3 SATELLITE
GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 3 SATELLITE

PROTON 4 SATELLITE
GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
PROTON SATELLITES
PROTON 4 SATELLITE

PROTON-PROTON REACTIONS
GS NUCLEAR REACTIONS
PROTON-PROTON REACTIONS
RT ANNIHILATION REACTIONS
INTERACTIONS
POMERONS
THERMONUCLEAR REACTIONS

PROTONS
GS PARTICLES
CHARGED PARTICLES
PROTONS
RECOIL PROTONS
SOLAR PROTONS
ELEMENTARY PARTICLES
FERMIONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
RT ALPHA PARTICLES
ANTI-PROTONS
BARYONS
COSMIC RAYS
DEUTERONS
FLUX DENSITY
HYDROGEN IONS
IONS
NUCLEAR PARTICLES
NUCLEI (NUCLEAR PHYSICS)
NUCLEON POTENTIAL
NUCLEONS
POSITIVE IONS
RADIATION BELTS
RADIATION SHIELDING
TRITONS

PROTOPLANETS
UF PLANETESIMALS
GS CELESTIAL BODIES
PROTOPLANETS
RT COSMOLOGY
PLANETARY ENVIRONMENTS
PLANETARY EVOLUTION
PLANETARY MASS
PLANETS
SOLAR ORBITS
SOLAR SYSTEM
STELLAR EVOLUTION

PROTOPLASM
RT PROTEINS

PROTOPLASTS
GS CELLS (BIOLOGY)
PROTOPLASTS

PROTOPROTEINS
GS BIOPOLYMERS
PROTEINS
PROTOPROTEINS
ORGANIC COMPOUNDS
PROTEINS
PROTOPROTEINS
RT AMINO ACIDS

PROTOSTARS
GS CELESTIAL BODIES
STARS
PROTOSTARS
PRE-MAIN SEQUENCE STARS
T TAURI STARS
RT BROWN DWARF STARS
STAR FORMATION
STELLAR EVOLUTION
STELLAR MASS ACCRETION

PROTOTYPES
RT BREADBOARD MODELS
PATTERNS
PILOT PLANTS

PROTOZOA
GS ANIMALS
PROTOZOA
AMOEBA
PELOMYXA
FLAGELLATA
EUGLENA
TRYPANOSOME
PARAMECIA
MICROORGANISMS
PROTOZOA
AMOEBA
PELOMYXA
FLAGELLATA
EUGLENA
TRYPANOSOME
PARAMECIA
RT MICROSPORES
SPORES

PROTRACTORS
GS MEASURING INSTRUMENTS
PROTRACTORS
RT ANGLES (GEOMETRY)

PROTUBERANCES
SN (COMPONENTS MOUNTED EXTERNAL TO
THE STRUCTURE)
GS PROTUBERANCES
PROTON PROTUBERANCES
RT AERODYNAMIC CONFIGURATIONS
AERODYNAMIC INTERFERENCE
AIRCRAFT ANTENNAS
AIRCRAFT PARTS
AIRFRAMES
BLISTERS
COWLINGS
DOMES (STRUCTURAL FORMS)
EXTERNAL STORE SEPARATION
EXTERNAL STORES
FAIRINGS
FUEL TANKS
HOUSINGS
NACELLES
PAPILLAE
PITOT TUBES
RADOMES
RIDGES
SHELLS (STRUCTURAL FORMS)
VORTEX ALLEVIATION
WING-FUSELAGE STORES
WINGLETS

PROUSTITE
GS ARSENIC COMPOUNDS
ARSENIDES
PROUSTITE
MINERALS
PROUSTITE

PROVIDER AIRCRAFT
USE C-123 AIRCRAFT

PROVING

UF CONFIRMATION
DEMONSTRATION
PROOFS
VALIDATION
VERIFICATION (PROVING)

GS **PROVING**
THEOREM PROVING

RT ACCEPTABILITY
APPROACH AND LANDING TESTS (STS)
ERROR DETECTION CODES
EVALUATION
EXAMINATION
LUNAR ROVING VEHICLES
MATHEMATICAL LOGIC
MEASUREMENT
PROGRAM VERIFICATION (COMPUTERS)
ROVINGS
TESTS

PROVISIONING

RT CONSUMABLES (SPACECREW SUPPLIES)
FOOD
LIFE SUPPORT SYSTEMS
SPACE RATIONS
STOWAGE (ONBOARD EQUIPMENT)

PROXIMITY

RT DISTANCE
PROPERTIES
TIGHTNESS

PROXIMITY EFFECT (ELECTRICITY)

GS ELECTRICAL PROPERTIES
INDUCTANCE
PROXIMITY EFFECT (ELECTRICITY)
ELECTROMAGNETIC PROPERTIES
INDUCTANCE
PROXIMITY EFFECT (ELECTRICITY)

RT EFFECTS
ELECTRICITY
SUPERCONDUCTORS
VOLT-AMPERE CHARACTERISTICS

PRTR (REACTOR)

USE PLUTONIUM RECYCLE TEST REACTOR

PRUSSIC ACID

USE HYDROCYANIC ACID

PSEUDOMONAS

GS MICROORGANISMS
BACTERIA
PSEUDOMONAS

PSEUDONOISE

RT RANDOM NOISE

PSEUDOPOTENTIALS

RT IMPURITIES
MELTING
SEMICONDUCTORS (MATERIALS)

PSEUDORANDOM SEQUENCES

RT RANDOM NUMBERS
SIGNALS

PSYCHIATRY

GS MEDICAL SCIENCE
PSYCHIATRY
NEUROPSYCHIATRY
SOCIAL PSYCHIATRY

RT BRAIN
MILITARY PSYCHOLOGY
PSYCHOLOGY
PSYCHOTHERAPY

PSYCHOACOUSTICS

GS ACOUSTICS
PSYCHOACOUSTICS
PSYCHOLOGY
PSYCHOPHYSICS
PSYCHOACOUSTICS

RT AUDITORY PERCEPTION
AUDITORY SIGNALS
BELLS
BIOACOUSTICS
NOISE INTENSITY
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS

PSYCHOLINGUISTICS

GS LINGUISTICS
PSYCHOLINGUISTICS

PSYCHOLINGUISTICS--(cont.)

RT INTELLIGIBILITY
PHONEMES
PHONEMICS
ROBOTS
SEMANTICS
SYLLABLES
SYNTAX

PSYCHOLOGICAL EFFECTS

GS **PSYCHOLOGICAL EFFECTS**
DESYNCHRONIZATION (BIOLOGY)
ILLUSIONS
HALLUCINATIONS
MOON ILLUSION
OCULOGRAVIC ILLUSIONS
OPTICAL ILLUSION
ELEVATOR ILLUSION
JET LAG

RT AFTERIMAGES
AVIATION PSYCHOLOGY
BIOLOGICAL EFFECTS
BOREDOM
COMFORT
CONFIDENCE
DISORIENTATION
EFFECTS
EMOTIONS
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
FRUSTRATION
HUMAN FACTORS ENGINEERING
HUMAN REACTIONS
HUMIDITY
MILITARY PSYCHOLOGY
MOODS
PSYCHOACOUSTICS
REACTION TIME
SPACE ADAPTATION SYNDROME
SPACE PSYCHOLOGY
STRESS (PSYCHOLOGY)
TAYLOR MANIFEST ANXIETY SCALE

PSYCHOLOGICAL FACTORS

RT ASTRONAUT PERFORMANCE
AVIATION PSYCHOLOGY
EMOTIONAL FACTORS
FLIGHT STRESS (BIOLOGY)
HABITS
MOODS
PERMISSIVITY
PSYCHOACOUSTICS
PSYCHOSOMATICS
REWARD (PSYCHOLOGY)
SEX FACTOR
SPACE PSYCHOLOGY
STIMULI
STRESS (PSYCHOLOGY)

PSYCHOLOGICAL INDEXES

USE PSYCHOLOGICAL TESTS

PSYCHOLOGICAL SETS

GS PSYCHOLOGY
PSYCHOLOGICAL SETS

PSYCHOLOGICAL TESTS

UF PSYCHOLOGICAL INDEXES

GS **PSYCHOLOGICAL TESTS**
RORSCHACH TESTS

RT CERTIFICATION
ENVIRONMENTAL TESTS
INTELLIGENCE TESTS
LIMEN
MILITARY PSYCHOLOGY
PERSONALITY TESTS
PILOT SELECTION
PSYCHOMETRICS
RATIOS
SKINNER BOXES
TAYLOR MANIFEST ANXIETY SCALE
TESTS

PSYCHOLOGY

GS **PSYCHOLOGY**
AVIATION PSYCHOLOGY
COGNITIVE PSYCHOLOGY
MILITARY PSYCHOLOGY
PSYCHOLOGICAL SETS
PSYCHOPHYSICS
PSYCHOACOUSTICS
SPACE PSYCHOLOGY

RT BIOFEEDBACK
BOREDOM
BRAIN

PSYCHOLOGY--(cont.)

CYBERNETICS
DETACHMENT
DIAGNOSIS
DISORDERS
DISORIENTATION
EMOTIONAL FACTORS
EMOTIONS
EXTROVERSION
FRUSTRATION
INSPIRATION
INTELLECT
INTROVERSION
MORALE
PREJUDICES
PSYCHIATRY
PSYCHOMETRICS
PSYCHOTHERAPY
RORSCHACH TESTS
STRESS (PSYCHOLOGY)
SUBLIMINAL STIMULI

PSYCHOMETRICS

RT DIAGNOSIS
EDUCATION
MILITARY PSYCHOLOGY
NORMS
PERSONALITY TESTS
PSYCHOLOGICAL TESTS
PSYCHOLOGY
PSYCHOMOTOR PERFORMANCE
PSYCHOPHYSICS
PSYCHOSOMATICS
SKINNER BOXES

PSYCHOMOTOR PERFORMANCE

GS SENSORIMOTOR PERFORMANCE
PSYCHOMOTOR PERFORMANCE
PSYCHOSOMATICS

RT BIOCONTROL SYSTEMS
HUMAN PERFORMANCE
HUMAN REACTIONS
MENTAL PERFORMANCE
OPERATOR PERFORMANCE
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
PSYCHOMETRICS
REACTION TIME
WORKLOADS (PSYCHOPHYSIOLOGY)

PSYCHOPHARMACOLOGY

GS PHARMACOLOGY
PSYCHOPHARMACOLOGY

RT CENTRAL NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM
DEPRESSANTS
CENTRAL NERVOUS SYSTEM
STIMULANTS
DRUGS
LIFE SCIENCES
MEDICAL SCIENCE
MEDICINE
NERVOUS SYSTEM
PSYCHOTROPIC DRUGS

PSYCHOPHYSICS

GS PSYCHOLOGY
PSYCHOPHYSICS
PSYCHOACOUSTICS

RT PHYSICS
PSYCHOMETRICS
SCIENCE

PSYCHOPHYSIOLOGY

GS PHYSIOLOGY
PSYCHOPHYSIOLOGY

RT EVOKED RESPONSE
(PSYCHOPHYSIOLOGY)
INFORMATION PROCESSING (BIOLOGY)
SCIENCE
WORKLOADS (PSYCHOPHYSIOLOGY)

PSYCHOSES

GS **PSYCHOSES**
PSYCHOTIC DEPRESSION
SCHIZOPHRENIA

RT DETACHMENT
DISORDERS
FEAR
IRRATIONALITY
NEUROSES

PSYCHOSOMATICS

GS SENSORIMOTOR PERFORMANCE
PSYCHOMOTOR PERFORMANCE

PSYCHOSOMATICS--(cont.)

RT **PSYCHOSOMATICS**
PSYCHOLOGICAL FACTORS
PSYCHOMETRICS

PSYCHOTHERAPY

GS THERAPY
RT **PSYCHOTHERAPY**
CONVULSIONS
GESTALT THEORY
HEALTH
MENTAL HEALTH
NEUROPSYCHIATRY
PSYCHIATRY
PSYCHOLOGY
PSYCHOTROPIC DRUGS

PSYCHOTIC DEPRESSION

GS PSYCHOSES
RT **PSYCHOTIC DEPRESSION**
DEPRESSION
NEUROTIC DEPRESSION

PSYCHOTROPIC DRUGS

GS DRUGS
RT **PSYCHOTROPIC DRUGS**
MARIJUANA
CENTRAL NERVOUS SYSTEM
NARCOTICS
NEUROPHYSIOLOGY
PHYSIOCHEMISTRY
PSYCHOPHARMACOLOGY
PSYCHOTHERAPY
SEDATIVES

PSYCHROMETERS

GS MEASURING INSTRUMENTS
MOISTURE METERS
HYGROMETERS
RT **PSYCHROMETERS**
ATMOSPHERIC MOISTURE
CHEMICAL ANALYSIS
HUMIDITY
HUMIDITY MEASUREMENT
METEOROLOGICAL INSTRUMENTS

PSYCHROPHILES

RT MESOPHILES
MICROORGANISMS
THERMOPHILES

PTM (MODULATION)

USE PULSE TIME MODULATION

PTOLEMAEUS CRATER

GS CRATERS
LUNAR CRATERS
RT **PTOLEMAEUS CRATER**
METEORITE CRATERS

PUBLIC ADDRESS SYSTEMS

RT SYSTEMS
WARNING SYSTEMS

PUBLIC HEALTH

GS BIOPHYSICS
HEALTH PHYSICS
RT **PUBLIC HEALTH**
HEALTH
HEALTH PHYSICS
HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
HYGIENE
MEDICAL SERVICES
NONPOINT SOURCES
OCCUPATIONAL DISEASES
ORAL HYGIENE
POLLUTION
SANITATION
URBAN PLANNING

PUBLIC LAW

GS LAW (JURISPRUDENCE)
PUBLIC LAW
LIABILITIES
LEGAL LIABILITY
PENALTIES
RT AIR LAW
INSURANCE (CONTRACTS)

PUBLIC RELATIONS

RT COOPERATION
IMPROVEMENT

PUBLIC RELATIONS--(cont.)

PROMOTION
UPGRADING

PUBLIC SPEAKING

UF ORATORY
RT LECTURES
SPEECH

PUBLICATIONS

USE DOCUMENTS

PUERTO RICO

GS LANDFORMS
ISLANDS
WEST INDIES
PUERTO RICO
RT UNITED STATES

PULLEYS

RT BELTS
BLOCKS
IDLERS
ROLLERS
WHEELS
WINCHES

PULLING

RT DRAWING
FORCE
PROPULSION
TRACTION

PULLING (FREQUENCY STABILITY)

USE FREQUENCY PULLING

PULMONARY CIRCULATION

GS CIRCULATION
BLOOD CIRCULATION
RT **PULMONARY CIRCULATION**
ALVEOLI
ARTIFICIAL CARDIAC PACEMAKER
BLOOD PUMPS
HEART IMPLANTATION
LUNGS
RESPIRATORY SYSTEM

PULMONARY FUNCTIONS

RT ALVEOLI
FUNCTIONS
LUNGS

PULMONARY LESIONS

GS DISEASES
PULMONARY LESIONS
INJURIES
LESIONS
RT **PULMONARY LESIONS**
LUNG MORPHOLOGY
LUNGS
OCCUPATIONAL DISEASES
RESPIRATORY DISEASES

PULSAR MAGNETOSPHERES

GS STELLAR MAGNETOSPHERES
PULSAR MAGNETOSPHERES
RT MAGNETIC FIELDS
MAGNETOSPHERES
PULSARS
STELLAR ATMOSPHERES
STELLAR MAGNETIC FIELDS

PULSARS

GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
RADIO STARS
PULSARS
STARS
NEUTRON STARS
PULSARS
RADIO STARS
PULSARS
RT DEGENERATE MATTER
PULSAR MAGNETOSPHERES
QUASARS
RADIATION SOURCES
RADIO ASTRONOMY
RADIO BURSTS
STARQUAKES
SUPERNOVA REMNANTS

PULSATING FLOW

USE UNSTEADY FLOW

PULSE (CARDIOVASCULAR)

USE HEART RATE

PULSE AMPLITUDE

UF PULSE HEIGHT
GS AMPLITUDES
PULSE AMPLITUDE
WAVEFORMS
RT AMPLITUDE DISTRIBUTION ANALYSIS
ELECTRIC PULSES
PHOTOPEAK
PULSED RADIATION
SAWTOOTH WAVEFORMS
SQUARE WAVES

PULSE AMPLITUDE MODULATION

UF PAM (MODULATION)
GS CODING
SIGNAL ENCODING
PULSE MODULATION
PULSE AMPLITUDE MODULATION
MODULATION
PULSE MODULATION
PULSE AMPLITUDE MODULATION
RT MODEMS
P.A.C.M. TELEMETRY

PULSE CHARGING

RT BATTERY CHARGERS
ELECTRIC BATTERIES
ELECTRIC CHARGE
STORAGE BATTERIES

PULSE CODE MODULATION

UF PCM (MODULATION)
GS CODING
SIGNAL ENCODING
PULSE MODULATION
PULSE CODE MODULATION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
PULSE MODULATION
PULSE CODE MODULATION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
RT BITERNARY CODE
DECOMMUTATORS
P.A.C.M. TELEMETRY
PCM TELEMETRY
UNIFIED S BAND

PULSE COMMUNICATION

UF DIGITAL COMMUNICATION
GS TELECOMMUNICATION
PULSE COMMUNICATION
DIGITAL SPACECRAFT TELEVISION
RT BIT ERROR RATE
COMMUNICATION NETWORKS
DATA TRANSMISSION
DELTA MODULATION
DIFFERENTIAL PULSE CODE
MODULATION
DIGITAL TELEVISION
ELECTROMAGNETIC MISSILES
ELECTROMAGNETIC PULSES
FREQUENCY DIVISION MULTIPLEXING
MODEMS
MULTIPLE ACCESS
MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
RADIO COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION
SPACE COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TIME DIVISION MULTIPLE ACCESS

PULSE COMPRESSION

RT CODING
COMPRESSING
RADAR

PULSE DIFFRACTION

GS DIFFRACTION
PULSE DIFFRACTION
RT PLASMA JETS
PULSED RADIATION
WAVE PROPAGATION

PULSE DOPPLER RADAR

GS RADAR
 . PULSE RADAR
 . . **PULSE DOPPLER RADAR**
 . . . EARTH RESOURCES SHUTTLE
 . . . IMAGING RADAR
 . . . MONOPULSE RADAR
 RT CANCELLATION CIRCUITS
 COHERENT RADAR

PULSE DURATION

UF LIGHT DURATION
 PULSE WIDTH
 GS WAVEFORMS
 . **PULSE DURATION**
 RT ELECTRIC PULSES
 LASER OUTPUTS
 MASER OUTPUTS
 PULSE REPETITION RATE
 PULSED RADIATION
 SAWTOOTH WAVEFORMS
 SQUARE WAVES
 TIME SIGNALS
 ULTRASHORT PULSED LASERS

PULSE DURATION MODULATION

UF PDM (MODULATION)
 PULSE WIDTH MODULATION
 PWM (MODULATION)
 GS CODING
 . SIGNAL ENCODING
 . . PULSE MODULATION
 . . . PULSE TIME MODULATION
 **PULSE DURATION MODULATION**
 MODULATION
 . PULSE MODULATION
 . . PULSE TIME MODULATION
 . . . **PULSE DURATION MODULATION**
 RT MODEMS

PULSE FREQUENCY MODULATION

UF PFM (MODULATION)
 GS CODING
 . SIGNAL ENCODING
 . . FREQUENCY MODULATION
 . . . **PULSE FREQUENCY MODULATION**
 . . . PULSE MODULATION
 **PULSE FREQUENCY MODULATION**
 MODULATION
 . FREQUENCY MODULATION
 . . **PULSE FREQUENCY MODULATION**
 . PULSE MODULATION
 . . **PULSE FREQUENCY MODULATION**
 RT COMMUNICATION EQUIPMENT
 DIFFERENTIAL PULSE CODE
 MODULATION
 MODEMS

PULSE FREQUENCY MODULATION TELEMETRY

GS TELECOMMUNICATION
 . RADIO COMMUNICATION
 . . RADIO TELEMETRY
 . . . **PULSE FREQUENCY MODULATION**
 TELEMETRY
 . TELEMETRY
 . . RADIO TELEMETRY
 . . . **PULSE FREQUENCY MODULATION**
 TELEMETRY
 TRANSMISSION
 . SIGNAL TRANSMISSION
 . . TELEMETRY
 . . . RADIO TELEMETRY
 **PULSE FREQUENCY MODULATION**
 TELEMETRY
 RT COMMUNICATION EQUIPMENT
 FREQUENCY MODULATION
 MODULATION
 PULSE MODULATION
 RADIO TRANSMISSION
 SIGNAL ENCODING

PULSE GENERATORS

RT COMPULSATORS
 ELECTRIC PULSES
 FUNCTION GENERATORS
 ∞ GENERATORS
 IMPULSE GENERATORS
 LASER CAVITIES
 LASERS
 PLASMA GENERATORS
 PULSE REPETITION RATE
 PULSED RADIATION
 SHOCK WAVE GENERATORS

PULSE HEATING

GS HARDENING (MATERIALS)
 . **PULSE HEATING**
 HEAT TREATMENT
 . ANNEALING
 . . **PULSE HEATING**
 HEATING
 . TRANSIENT HEATING
 . . **PULSE HEATING**
 RT LASER HEATING
 SIMULATED ANNEALING

PULSE HEIGHT

USE PULSE AMPLITUDE

PULSE MODULATION

GS CODING
 . SIGNAL ENCODING
 . . **PULSE MODULATION**
 . . . PULSE AMPLITUDE MODULATION
 . . . PULSE CODE MODULATION
 DELTA MODULATION
 DIFFERENTIAL PULSE CODE
 MODULATION
 . . . PULSE FREQUENCY MODULATION
 . . . PULSE TIME MODULATION
 PULSE DURATION MODULATION
 PULSE POSITION MODULATION
 MODULATION
 . **PULSE MODULATION**
 . . PULSE AMPLITUDE MODULATION
 . . PULSE CODE MODULATION
 . . . DELTA MODULATION
 . . . DIFFERENTIAL PULSE CODE
 MODULATION
 . . PULSE FREQUENCY MODULATION
 . . PULSE TIME MODULATION
 . . . PULSE DURATION MODULATION
 . . . PULSE POSITION MODULATION
 RT AMPLITUDE MODULATION
 DEMODULATION
 DEMODULATORS
 ELECTRIC PULSES
 ELECTROMAGNETIC MISSILES
 ELECTROMAGNETIC PULSES
 FREQUENCY MODULATION
 LIGHT MODULATION
 MODEMS
 MODULATORS
 PHASE MODULATION
 PULSE FREQUENCY MODULATION
 TELEMETRY
 PULSED RADIATION
 RADIO TELEMETRY
 TIME DIVISION MULTIPLEXING
 TRIGATRONS

PULSE POSITION MODULATION

UF PPM (MODULATION)
 GS CODING
 . SIGNAL ENCODING
 . . PULSE MODULATION
 . . . PULSE TIME MODULATION
 **PULSE POSITION MODULATION**
 MODULATION
 . PULSE MODULATION
 . . PULSE TIME MODULATION
 . . . **PULSE POSITION MODULATION**
 RT MODEMS

PULSE RADAR

GS RADAR
 . **PULSE RADAR**
 . . PULSE DOPPLER RADAR
 . . . EARTH RESOURCES SHUTTLE
 . . . IMAGING RADAR
 . . . MONOPULSE RADAR
 RT COHERENT RADAR
 CONTINUOUS WAVE RADAR
 DOPPLER RADAR
 ECHO SUPPRESSORS
 ELECTROMAGNETIC PULSES
 METEOROLOGICAL RADAR
 MULTISTATIC RADAR
 POLYSTATION DOPPLER TRACKING
 SYSTEM
 SEARCH RADAR
 SURVEILLANCE RADAR
 SYNCHRONIZERS
 TRACKING RADAR

PULSE RATE

SN (FOR CARDIOVASCULAR PULSE, USE
 HEART RATE)
 UF CHRONOTRONS

PULSE RATE--(cont.)

GS RATES (PER TIME)
 . **PULSE RATE**
 . . PULSE REPETITION RATE
 RT ELECTRIC PULSES
 PICOSECOND PULSES
 PULSED RADIATION

PULSE RECORDERS

USE COUNTERS

PULSE REPETITION RATE

GS RATES (PER TIME)
 . PULSE RATE
 . . **PULSE REPETITION RATE**
 RT ∞ FREQUENCY RESPONSE
 OPTICAL PUMPING
 PULSE DURATION
 PULSE GENERATORS
 PULSED LASERS

PULSE TIME MODULATION
 UF PTM (MODULATION)
 GS CODING
 . SIGNAL ENCODING
 . . PULSE MODULATION
 . . . **PULSE TIME MODULATION**
 PULSE DURATION MODULATION
 PULSE POSITION MODULATION
 MODULATION
 . PULSE MODULATION
 . . **PULSE TIME MODULATION**
 . . . PULSE DURATION MODULATION
 . . . PULSE POSITION MODULATION

PULSE WIDTH

USE PULSE DURATION

PULSE WIDTH AMPLITUDE CONVERTERS

RT ∞ CONVERTERS
 FREQUENCY CONVERTERS

PULSE WIDTH MODULATION

USE PULSE DURATION MODULATION

PULSED JET ENGINES

GS ENGINES
 . **PULSED JET ENGINES**
 RT ELECTRIC ROCKET ENGINES
 ELECTROTHERMAL ENGINES
 PLASMA ENGINES
 RESISTOJET ENGINES

PULSED LASER DEPOSITION

GS DEPOSITION
 . LASER DEPOSITION
 . . **PULSED LASER DEPOSITION**
 UTILIZATION
 . LASER APPLICATIONS
 . . LASER DEPOSITION
 . . . **PULSED LASER DEPOSITION**
 RT CRYSTAL GROWTH
 EPITAXY
 EXCIMER LASERS
 LASER HEATING
 PULSED LASERS
 SUPERCONDUCTING FILMS
 VAPOR DEPOSITION

PULSED LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **PULSED LASERS**
 . . . Q SWITCHED LASERS
 . . . ULTRASHORT PULSED LASERS
 . . . ULTRAVIOLET LASERS
 RT ARGON LASERS
 CARBON DIOXIDE LASERS
 GAS LASERS
 GLASS LASERS
 INERTIAL FUSION (REACTOR)
 LASER HEATING
 LASER TARGET INTERACTIONS
 LASER WELDING
 NITROGEN LASERS
 PULSE REPETITION RATE
 PULSED LASER DEPOSITION
 RUBY LASERS
 SEMICONDUCTOR LASERS
 TEA LASERS
 TUBE LASERS
 WAVEGUIDE LASERS

PULSED RADIATION

- GS **PULSED RADIATION**
 . ELECTROMAGNETIC PULSES
 . . SYSTEM GENERATED
 . . . ELECTROMAGNETIC PULSES
- RT CONTINUOUS RADIATION
 CORPUSCULAR RADIATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 GAMMA RAY LASERS
 LASER DAMAGE
 LASERS
 PICOSECOND PULSES
 PULSE AMPLITUDE
 PULSE DIFFRACTION
 PULSE DURATION
 PULSE GENERATORS
 PULSE MODULATION
 PULSE RATE
 ∞ RADIATION
 ∞ RAYS

PULSEJET ENGINES

- GS **ENGINES**
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 RAMJET ENGINES
 **PULSEJET ENGINES**
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 **PULSEJET ENGINES**
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 RAMJET ENGINES
 **PULSEJET ENGINES**
- RT V-1 MISSILE

PULSES

- GS **PULSES**
 . ELECTRIC PULSES
 . ELECTROMAGNETIC PULSES
 . . SYSTEM GENERATED
 . . . ELECTROMAGNETIC PULSES
 . . . GEOMAGNETIC PULSATIONS
 . . . GEOMAGNETIC MICROPULSATIONS
 . . . MICROPULSATIONS
 . . . GEOMAGNETIC MICROPULSATIONS
 . . . PICOSECOND PULSES
 . . . PRESSURE PULSES
- RT AMPLITUDES
 INTERMITTENCY
 SOLITARY WAVES

PULTRUSION

- GS FORMING TECHNIQUES
 . EXTRUDING
 . . **PULTRUSION**
- RT CASTING
 COMPOSITE STRUCTURES
 DIES
 EPOXY MATRIX COMPOSITES
 FIBER COMPOSITES
 GLASS FIBER REINFORCED PLASTICS
 HOT WORKING
 POLYMER MATRIX COMPOSITES
 PREIMPREGNATION
 PRESSING (FORMING)
 RESIN MATRIX COMPOSITES

PULVERIZING

- USE GRINDING (COMMINUTION)

PUMICE

- GS ROCKS
 . IGNEOUS ROCKS
 . . **PUMICE**
- RT ABRASIVES
 OBSIDIAN
 POWDER (PARTICLES)
 SOILS

PUMP IMPELLERS

- GS ROTATING BODIES
 . ROTORS
 . . IMPELLERS
 . . . **PUMP IMPELLERS**
- RT CENTRIFUGAL COMPRESSORS
 CENTRIFUGAL PUMPS

PUMP SEALS

- GS SEALS (STOPPERS)

PUMP SEALS--(cont.)

- RT **PUMP SEALS**
 GASKETS
 ∞ GLANDS
 GLANDS (SEALS)
 HERMETIC SEALS
 LABYRINTH SEALS
 MOLECULAR PUMPS
- ∞ **PUMPING**
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BLOWING
 COMPRESSED AIR
 COMPRESSING
 CRYOPUMPING
 DRAINAGE
 ELECTRON PUMPING
 JET PUMPS
 LASER PUMPING
 MAGNETIC PUMPING
 MASER PUMPING
 MATERIALS HANDLING
 NUCLEAR PUMPING
 OPTICAL PUMPING
 PLASMA PUMPING
 PUMPS
 PURGING
 WINDMILLS (WINDPOWERED MACHINES)
 WINDPOWERED PUMPS

PUMPS

- SN (LIMITED TO PUMPS FOR
 MATERIALS--EXCLUDES HEAT PUMPS)
- UF HYDRAULIC PUMPS
- GS **PUMPS**
 . AXIAL FLOW PUMPS
 . . TURBINE PUMPS
 . . BLOOD PUMPS
 . . CENTRIFUGAL PUMPS
 . . DIFFUSION PUMPS
 . . ELECTROMAGNETIC PUMPS
 . . FUEL PUMPS
 . . JET PUMPS
 . . RAMS (PUMPS)
 . . VACUUM PUMPS
 . . CONDENSATION PUMPS
 . . ION PUMPS
 . . MOLECULAR PUMPS
 . . VISCO PUMPS
 . . WINDPOWERED PUMPS
- RT BELLOWS
 CENTRIFUGAL COMPRESSORS
 EJECTORS
 FEED SYSTEMS
 HEAT PUMPS
 HYDRAULIC EQUIPMENT
 IMPELLERS
 INJECTORS
 LUBRICATION SYSTEMS
 MATERIALS HANDLING
 PACKINGS (SEALS)
 PIPELINES
 PREBURNERS
 ∞ PUMPING
 SIPHONS
 STATORS
 TURBOMACHINERY
 VANELESS DIFFUSERS

PUNCHED CARDS

- GS CARDS
- RT **PUNCHED CARDS**
 COMPUTER STORAGE DEVICES
 DATA RECORDERS
 DATA RECORDING
 DATA STORAGE
 READERS

PUNCHED TAPES

- RT AUTOMATIC TYPEWRITERS
 COMPUTER STORAGE DEVICES
 DATA RECORDING
 MAGNETIC TAPES
 READERS
 ∞ TAPES

PUNCHES

- RT DIES
 MACHINE TOOLS
 MOLDS
 PLATENS
 PRESSES
 STAMPING

PUNCTURING

- USE PIERCING

PUPA

- RT INSECTS
 LARVAE

PUPIL SIZE

- RT PUPILLOMETRY

PUPILLOMETRY

- RT BIOMETRICS
 DARK ADAPTATION
 LIGHT ADAPTATION
 ∞ MEASUREMENT
 PUPIL SIZE

PUPILS

- GS ANATOMY
 . SENSE ORGANS
 . . EYE (ANATOMY)
 . . . **PUPILS**
- RT VISION

PURGING

- RT CIRCULATION
 CLEARING
 DECONTAMINATION
 DEGASSING
 DISTILLATION
 EVACUATING (VACUUM)
 FLUSHING
 OUTGASSING
 ∞ PUMPING
 PURIFICATION
 RELIEVING
 ∞ SEPARATION
 VENTING

PURIFICATION

- UF PURIFIERS
- GS **PURIFICATION**
 . AIR PURIFICATION
- RT AERATION
 ANTISEPTICS
 BENEFICIATION
 CHEMICAL STERILIZATION
 CLEANING
 CRYSTALLIZATION
 DECONTAMINATION
 DEMINERALIZING
 DESALINIZATION
 DISSIPATION
 DISTILLATION
 ELIMINATION
 ELUTION
 ENRICHMENT
 FLUSHING
 GETTERS
 PASTEURIZING
 POLYNUCLEAR ORGANIC COMPOUNDS
 POTABLE WATER
 PURGING
 PURITY
 RECTIFICATION
 ∞ REDUCTION
 REDUCTION (CHEMISTRY)
 REFINING
 SCAVENGING
 ∞ SEPARATION
 SEWAGE TREATMENT
 SOLVENT EXTRACTION
 SPACECRAFT STERILIZATION
 STERILIZATION
 SUBLIMATION
 ULTRAPURE METALS
 UPGRADING
 WASHING
 WATER TREATMENT
 ZONE MELTING

PURIFIERS

- USE PURIFICATION

PURINES

- GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **PURINES**
 ADENINES
 XANTHINES
 CAFFEINE
 GUANINES
 URIC ACID

PURITY

RT CLARITY
CONCENTRATION (COMPOSITION)
CONTAMINANTS
CONTAMINATION
DECONTAMINATION
DILUTION
FINENESS
POLLUTION
POTABLE LIQUIDS
PURIFICATION
QUALITY
TRACE CONTAMINANTS
ULTRAPURE METALS
WATER POLLUTION

PURPOSES

RT GOALS

PURSUIT TRACKING

GS TRACKING (POSITION)
. **PURSUIT TRACKING**
RT INFRARED TRACKING
RADAR TRACKING
SATELLITE INTERCEPTORS

PUSH-PULL AMPLIFIERS

UF BALANCED AMPLIFIERS
GS AMPLIFIERS
. **PUSH-PULL AMPLIFIERS**
RT PHASE MODULATION
POWER AMPLIFIERS

PUSHBROOM SENSOR MODES

GS MODES
. **PUSHBROOM SENSOR MODES**
RT ARRAYS
ELECTRO-OPTICS
IMAGE PROCESSING
LINEAR ARRAYS
PHOTODIODES

PUSHING

RT ∞ FORCE
PROPULSION

PWM (MODULATION)

USE PULSE DURATION MODULATION

PYCNOMETERS

RT DENSITY (MASS/VOLUME)

PYLON MOUNTING

RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT STRUCTURES
COLUMNS (SUPPORTS)
RIGID MOUNTING
STRUCTURAL MEMBERS
SUPPORTS
WIND TUNNEL MODELS

PYLONS

GS SUPPORTS
. **PYLONS**
RT COLUMNS (SUPPORTS)
STRUCTURAL MEMBERS
STRUTS
TOWERS

PYRAMID LAKE (NV)

GS LAKES
. **PYRAMID LAKE (NV)**
RT NEVADA
WATER MANAGEMENT
WATER RESOURCES

PYRAMIDAL BODIES

RT ∞ BODIES
PYRAMIDS
REENTRY VEHICLES

PYRAMIDS

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. POLYHEDRONS
. **PYRAMIDS**
RT FRUSTUMS
PYRAMIDAL BODIES

PYRANOMETERS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. ACTINOMETERS
. **PYRANOMETERS**

PYRANOMETERS--(cont.)

RT PHOTOMETERS
RADIOMETERS
SKY RADIATION

PYRAZINES

GS **PYRAZINES**
. AZINES
. CYANURATES
. CYANURIC ACID
. MECLIZINE
. METHYLENE BLUE
. PHENOTHIAZINES

PYRENEES MOUNTAINS (EUROPE)

GS LANDFORMS
. MOUNTAINS
. **PYRENEES MOUNTAINS (EUROPE)**
RT ANDORRA
FRANCE
SPAIN

PYRENES

GS ORGANIC COMPOUNDS
. HYDROCARBONS
. **PYRENES**

PYREX (TRADEMARK)

USE BOROSILICATE GLASS

PYRIDINE NUCLEOTIDES

GS ORGANIC COMPOUNDS
. NUCLEOTIDES
. **PYRIDINE NUCLEOTIDES**
PHOSPHORUS COMPOUNDS
. PHOSPHATES
. **PYRIDINE NUCLEOTIDES**

PYRIDINES

GS BASES (CHEMICAL)
. **PYRIDINES**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **PYRIDINES**
RT KARL FISCHER REAGENT
PIPERIDINE
QUINOLINE

PYRIDOXINE

UF VITAMIN B 6
GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **PYRIDOXINE**
VITAMINS
. **PYRIDOXINE**

PYRIMIDINES

GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **PYRIMIDINES**
. ALLOXAN
. THYMIDINE
. THYMINE
. URACIL

PYRITES

GS CHALCOGENIDES
. SULFIDES
. **PYRITES**
IRON COMPOUNDS
. **PYRITES**
MINERALS
. **PYRITES**
SULFUR COMPOUNDS
. SULFIDES
. **PYRITES**

PYROCERAM (TRADEMARK)

GS CERAMICS
. **PYROCERAM (TRADEMARK)**
GLASS
. **PYROCERAM (TRADEMARK)**

PYROELECTRICITY

GS ELECTRICAL PROPERTIES
. **PYROELECTRICITY**
THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. **PYROELECTRICITY**
RT PIEZOELECTRICITY
POLARIZATION (CHARGE SEPARATION)

PYROGEN

GS GASES
. FLAMMABLE GASES
. **PYROGEN**
RT TORCHES

PYROGRAPHALLOY

USE COMPOSITE MATERIALS
PYROLYTIC GRAPHITE
REFRACTORY MATERIALS

PYROHELIOMETERS

UF HELIOMETRY
GS MEASURING INSTRUMENTS
. HELIOMETERS
. **PYROHELIOMETERS**
OPTICAL EQUIPMENT
. HELIOMETERS
. **PYROHELIOMETERS**
TELESCOPES
. HELIOMETERS
. **PYROHELIOMETERS**

PYROHYDROLYSIS

GS CHEMICAL REACTIONS
. **PYROHYDROLYSIS**
RT PYROLYSIS

PYROLYSIS

GS CHEMICAL REACTIONS
. CRACKING (CHEMICAL ENGINEERING)
. **PYROLYSIS**
. THERMAL DECOMPOSITION
. **PYROLYSIS**
DECOMPOSITION
. CRACKING (CHEMICAL ENGINEERING)
. **PYROLYSIS**
. THERMAL DECOMPOSITION
. **PYROLYSIS**
RT ABLATION
ENDOTHERMIC REACTIONS
EXOTHERMIC REACTIONS
PYROHYDROLYSIS
THERMAL ABSORPTION
THERMAL DEGRADATION
THERMAL INSTABILITY
THERMOGRAVIMETRY

PYROLYTIC GRAPHITE

UF PYROGRAPHALLOY
GS CARBONACEOUS MATERIALS
. GRAPHITE
. **PYROLYTIC GRAPHITE**
MINERALS
. GRAPHITE
. **PYROLYTIC GRAPHITE**
PYROLYTIC MATERIALS
. **PYROLYTIC GRAPHITE**
RT HEAT SHIELDING

PYROLYTIC MATERIALS

GS **PYROLYTIC MATERIALS**
. PYROLYTIC GRAPHITE
RT ABLATIVE MATERIALS
CERAMICS
∞ MATERIALS
REFRACTORY COATINGS
REFRACTORY MATERIALS

PYROMETALLURGY

RT AEROTHERMOCHEMISTRY
ALLOYING
CHLORINATION
∞ CONVERTERS
HEAT BALANCE
METAL WORKING
∞ METALLURGY
REFINING
SINTERING
SUBLIMATION
THERMOCHEMISTRY

PYROMETERS

GS MEASURING INSTRUMENTS
. TEMPERATURE MEASURING
INSTRUMENTS
. **PYROMETERS**
. RADIATION PYROMETERS
. THERMOCOUPLE PYROMETERS
RT TEMPERATURE MEASUREMENT

PYROMETRY

USE TEMPERATURE MEASUREMENT

PYROPHORIC MATERIALS

RT EXPLOSIVES
 FLAMMABILITY
 HYPERGOLIC ROCKET PROPELLANTS
 IGNITERS
 IGNITION TEMPERATURE
 ∞ MATERIALS
 METAL COMBUSTION
 SOLID PROPELLANT IGNITION
 SPONTANEOUS COMBUSTION

PYROPHYLLITE

GS ALUMINUM COMPOUNDS
 . ALUMINUM SILICATES
 . . . **PYROPHYLLITE**
 MINERALS
 . **PYROPHYLLITE**
 SILICON COMPOUNDS
 . SILICATES
 . . ALUMINUM SILICATES
 . . . **PYROPHYLLITE**
 RT ALUMINUM OXIDES

PYROTECHNICS

UF FIREWORKS
 GS **PYROTECHNICS**
 . HMX
 RT AMMUNITION
 BOMBS (ORDNANCE)
 CHEMICAL FUELS
 DOUBLE BASE PROPELLANTS
 EXPLOSIVES
 ∞ FLARES
 GRENADES
 ILLUMINATING
 INCENDIARY AMMUNITION
 INITIATORS (EXPLOSIVES)
 ORDNANCE
 PLASTIC PROPELLANTS
 PROJECTILES
 RDX
 ∞ ROCKETS
 ∞ SIGNALS
 THERMITES

PYROXENES

GS CHALCOGENIDES
 . OXIDES
 . . **PYROXENES**
 . . . ENSTATITE
 MINERALS
 . **PYROXENES**
 . . ENSTATITE
 SILICON COMPOUNDS
 . SILICATES
 . . **PYROXENES**
 . . . ENSTATITE
 RT ECLGITE
 IGNEOUS ROCKS
 REGOLITH
 ROCKS
 SOILS

PYROXYLIN

USE CELLULOSE NITRATE

PYRRHOTITE

GS CHALCOGENIDES
 . SULFIDES
 . . **PYRRHOTITE**
 . . . TROILITE
 IRON COMPOUNDS
 . **PYRRHOTITE**
 . . TROILITE
 MINERALS
 . **PYRRHOTITE**
 . . TROILITE
 SULFUR COMPOUNDS
 . SULFIDES
 . . **PYRRHOTITE**
 . . . TROILITE

PYRROLES

GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . AZOLES
 **PYRROLES**
 CARBAZOLES
 INDOLES
 TRYPTOPHAN
 RT METHOXY SYSTEMS

PYRRONES (TRADEMARK)

RT ∞ POLYMERS

PYRUVATES

RT ORGANIC LIQUIDS

P3V AIRCRAFT

USE P-3 AIRCRAFT

P78-2 SATELLITE

USE SCATHA SATELLITE

Q**Q DEVICES**

RT MAGNETIC MIRRORS
 PLASMA PINCH
 ZETA PINCH

Q FACTORS

UF HIGH Q
 QUALITY FACTORS
 RT FIGURE OF MERIT
 RESONANT VIBRATION
 SPECTRAL RESOLUTION
 TUNING

Q SWITCHED LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . PULSED LASERS
 . . . **Q SWITCHED LASERS**
 RT ARGON LASERS
 CARBON DIOXIDE LASERS
 CHEMICAL LASERS
 GAS LASERS
 RUBY LASERS
 SEMICONDUCTOR LASERS
 SOLID STATE LASERS

Q VALUES

GS VALUE
 . **Q VALUES**

QAM (MODULATION)

USE QUADRATURE AMPLITUDE MODULATION

QATAR

GS NATIONS
 . **QATAR**
 RT ASIA

QCD

USE QUANTUM CHROMODYNAMICS

QH-50 HELICOPTER

UF DASH HELICOPTER
 DSN HELICOPTER
 GYRODYNE DSN-3 HELICOPTER
 GYRODYNE MILITARY AIRCRAFT
 GYRODYNE AIRCRAFT
 GS . **QH-50 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **QH-50 HELICOPTER**

QPSK

USE QUADRATURE PHASE SHIFT KEYING

QSO (RADIO SOURCES)

USE QUASARS

QUADRANTID METEORIDS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . **QUADRANTID METEORIDS**
 . . . METEORIDS
 . . . **QUADRANTID METEORIDS**

QUADRANTS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . **QUADRANTS**

QUADRATIC EQUATIONS

GS ALGEBRA
 . NONLINEAR EQUATIONS
 . . **QUADRATIC EQUATIONS**
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES

QUADRATIC EQUATIONS--(cont.)

. . . NONLINEAR EQUATIONS
 . . . **QUADRATIC EQUATIONS**
 FIELD THEORY (ALGEBRA)
 . **QUADRATIC EQUATIONS**
 RT ∞ EQUATIONS
 POLYNOMIALS

QUADRATIC PROGRAMMING

GS OPTIMIZATION
 . MATHEMATICAL PROGRAMMING
 . . **QUADRATIC PROGRAMMING**
 RESEARCH
 . **QUADRATIC PROGRAMMING**
 RT ∞ PROGRAMMING

QUADRATURE AMPLITUDE MODULATION

UF QAM (MODULATION)
 GS CODING
 . SIGNAL ENCODING
 . . AMPLITUDE MODULATION
 . . . **QUADRATURE AMPLITUDE MODULATION**
 MODULATION
 . AMPLITUDE MODULATION
 . . **QUADRATURE AMPLITUDE MODULATION**
 RT PHASE SHIFT KEYING
 QUADRATURE PHASE SHIFT KEYING

QUADRATURE APPROXIMATION

USE QUADRATURES

QUADRATURE PHASE SHIFT KEYING

UF QPSK
 QUADRIPHASE SHIFT KEYING
 GS CODING
 . SIGNAL ENCODING
 . . PHASE MODULATION
 . . . PHASE SHIFT KEYING
 **QUADRATURE PHASE SHIFT KEYING**
 KEYING
 . PHASE SHIFT KEYING
 . . **QUADRATURE PHASE SHIFT KEYING**
 MODULATION
 . PHASE MODULATION
 . . PHASE SHIFT KEYING
 . . . **QUADRATURE PHASE SHIFT KEYING**
 RT BINARY PHASE SHIFT KEYING
 QUADRATURE AMPLITUDE MODULATION
 SATELLITE TRANSMISSION

QUADRATURES

UF QUADRATURE APPROXIMATION
 RT CIRCULAR ORBITS
 ORBIT CALCULATION
 ORBITAL MECHANICS
 ORBITS
 SPACE MECHANICS

QUADRIPHASE SHIFT KEYING

USE QUADRATURE PHASE SHIFT KEYING

QUADRUPOLE LENSES

USE MAGNETIC LENSES

QUADRUPOLE NETWORKS

RT ∞ NETWORKS

QUADRUPOLES

RT ∞ DIPOLES
 NUCLEAR QUADRUPOLE RESONANCE
 POLARITY

QUAIL MISSILE

GS DECOYS
 . **QUAIL MISSILE**
 MISSILES
 . AIR TO SURFACE MISSILES
 . . **QUAIL MISSILE**
 RT COUNTERMEASURES
 TURBOJET ENGINES

QUALIFICATIONS

RT CERTIFICATION
 CONTRACTORS
 EDUCATION
 EXPERIENCE
 FITNESS
 PERSONALITY TESTS
 PERSONNEL
 ∞ TESTS

QUALITATIVE ANALYSIS

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **QUALITATIVE ANALYSIS**
 RT ANALYTICAL CHEMISTRY
 ELECTROPHOTOMETRY
 FLAME SPECTROSCOPY
 GAS ANALYSIS
 MASS SPECTROMETERS
 MICROANALYSIS
 NEUTRON ACTIVATION ANALYSIS
 QUANTITATIVE ANALYSIS
 SPECTROSCOPIC ANALYSIS

QUALITY

GS **QUALITY**
 . ENVIRONMENTAL QUALITY
 . . AIR QUALITY
 . . WATER QUALITY
 . RIDING QUALITY
 RT ACCURACY
 ADEQUACY
 APPEARANCE
 COMPUTER SYSTEMS PERFORMANCE
 CONCENTRATION (COMPOSITION)
 CONSISTENCY
 CONTAMINANTS
 CONTROLLABILITY
 DURABILITY
 EVALUATION
 FIGURE OF MERIT
 FINENESS
 FLIGHT CHARACTERISTICS
 ∞ GRADE
 IMPURITIES
 ∞ MATERIALS TESTS
 ∞ PERFORMANCE
 POLLUTION
 PRECISION
 PRODUCT DEVELOPMENT
 PURITY
 RELIABILITY
 ∞ RESISTANCE
 SPECIFICATIONS
 STABILITY
 ∞ TESTS
 TOTAL QUALITY MANAGEMENT
 UPGRADING
 VALIDITY
 VARIABILITY

QUALITY CONTROL

UF RELIABILITY CONTROL
 GS **QUALITY CONTROL**
 . TOTAL QUALITY MANAGEMENT
 RT ACCELERATED LIFE TESTS
 ACCEPTABILITY
 AIRCRAFT RELIABILITY
 ASSURANCE
 AVERAGE
 BAYES THEOREM
 BURN-IN
 CERTIFICATION
 CHEMICAL TESTS
 CIRCUIT RELIABILITY
 COMPONENT RELIABILITY
 CONFIDENCE
 CONFIDENCE LIMITS
 CONSTRUCTION
 ∞ CONTROL
 CORRELATION
 CORRELATION COEFFICIENTS
 COVARIANCE
 DATA SAMPLING
 DEGREES OF FREEDOM
 ELECTRICAL PROPERTIES
 ELECTRONIC EQUIPMENT TESTS
 ERROR DETECTION CODES
 ERRORS
 ESTIMATES
 ESTIMATING
 EXPERIMENT DESIGN
 EXTRAPOLATION
 HYPOTHESES
 INFRARED INSPECTION
 INSPECTION
 LEAST SQUARES METHOD
 LINEAR PREDICTION
 LOW TEMPERATURE TESTS
 MANN-WHITNEY-WILCOXON U TEST
 ∞ MATERIALS TESTS
 MEAN
 MEDIAN (STATISTICS)
 MODE (STATISTICS)
 NONDESTRUCTIVE TESTS

QUALITY CONTROL--(cont.)

NORMALIZING (STATISTICS)
 OPERATIONS RESEARCH
 OPTIMIZATION
 ORTHOGONAL FUNCTIONS
 ORTHOGONALITY
 PRECISION
 PROBABILITY THEORY
 PROCESS CONTROL (INDUSTRY)
 ∞ PROCESSES
 ∞ PRODUCT DEVELOPMENT
 PRODUCTION MANAGEMENT
 PRODUCTS
 RANDOM ERRORS
 RANDOM SAMPLING
 RANGE (EXTREMES)
 REGRESSION ANALYSIS
 REGRESSION COEFFICIENTS
 RELIABILITY
 RELIABILITY ENGINEERING
 SAMPLING
 SCHEDULING
 SEQUENTIAL ANALYSIS
 SPACECRAFT RELIABILITY
 SPECIFICATIONS
 STANDARD DEVIATION
 STANDARDIZATION
 STANDARDS
 STATIC TESTS
 STATISTICAL ANALYSIS
 STATISTICAL CORRELATION
 STATISTICAL DISTRIBUTIONS
 STATISTICAL TESTS
 STRUCTURAL RELIABILITY
 ∞ SYSTEMS
 TASK COMPLEXITY
 TASKS
 ∞ TESTS
 TOLERANCES (MECHANICS)
 ULTRASONIC FLAW DETECTION
 VALUE ENGINEERING
 VARIABILITY
 VARIANCE (STATISTICS)
 WEAR TESTS

QUALITY FACTORS

USE Q FACTORS

QUANTILES

GS STATISTICAL ANALYSIS
 . **QUANTILES**
 RT MATHEMATICAL MODELS
 STATISTICAL DISTRIBUTIONS
 ∞ STATISTICS
 SYMMETRY

QUANTITATIVE ANALYSIS

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **QUANTITATIVE ANALYSIS**
 . . . KJELDAHL METHOD
 . . . VAN SLYKE METHOD
 RT ANALYTICAL CHEMISTRY
 CHROMATOGRAPHY
 ELECTROPHOTOMETRY
 GAS ANALYSIS
 GRAVIMETRY
 IODIMETRY
 KARL FISCHER REAGENT
 MICROANALYSIS
 NEUTRON ACTIVATION ANALYSIS
 POLAROGRAPHY
 QUALITATIVE ANALYSIS
 RADIOCHEMICAL SEPARATION
 SPECTROSCOPIC ANALYSIS
 VOLUMETRIC ANALYSIS

QUANTITY

USE AMOUNT

QUANTIZATION

USE MEASUREMENT

QUANTIZER

USE COUNTERS

QUANTUM AMPLIFIERS

RT AMPLIFIERS
 INFORMATION THEORY
 LASERS
 TWO-WAVELENGTH LASERS
 ULTRASHORT PULSED LASERS
 ULTRAVIOLET LASERS

QUANTUM CHEMISTRY

GS PHYSICAL CHEMISTRY
 . **QUANTUM CHEMISTRY**
 RT ∞ CHEMISTRY
 MOLECULAR ORBITALS
 NUCLEAR CHEMISTRY
 QUANTUM MECHANICS

QUANTUM CHROMODYNAMICS

UF COLOR (PARTICLE PHYSICS)
 QCD
 GS FIELD THEORY (PHYSICS)
 . **QUANTUM CHROMODYNAMICS**
 . . INSTANTONS
 RT ∞ DYNAMICS
 GLUONS
 LEPTONS
 PARTICLE INTERACTIONS
 QUANTUM MECHANICS
 QUARK MODELS
 QUARKS
 STRING THEORY
 ∞ THEORIES

QUANTUM COUNTERS

GS MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . **QUANTUM COUNTERS**
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION COUNTERS
 . . . **QUANTUM COUNTERS**
 RT SQUID (DETECTORS)

QUANTUM EFFICIENCY

RT ENERGY CONVERSION EFFICIENCY
 ENERGY TECHNOLOGY
 HETEROJUNCTION DEVICES
 LASER OUTPUTS
 SOLAR CELLS
 VOLT-AMPERE CHARACTERISTICS

QUANTUM ELECTRODYNAMICS

GS ELECTRODYNAMICS
 . **QUANTUM ELECTRODYNAMICS**
 QUANTUM MECHANICS
 . **QUANTUM ELECTRODYNAMICS**
 RT ELECTROMAGNETIC FIELDS
 FEYNMAN DIAGRAMS
 FIELD THEORY (PHYSICS)
 LANDAU-GINZBURG EQUATIONS
 RESONANCE FLUORESCENCE
 SELF CONSISTENT FIELDS

QUANTUM ELECTRONICS

RT ∞ ELECTRONICS
 LASERS
 QUANTUM MECHANICS
 QUANTUM THEORY
 RESONANT TUNNELING
 TUNNEL JUNCTIONS

QUANTUM GENERATORS

USE STIMULATED EMISSION DEVICES

QUANTUM MECHANICS

GS **QUANTUM MECHANICS**
 . PAULI EXCLUSION PRINCIPLE
 . QUANTUM ELECTRODYNAMICS
 RT ATOMIC INTERACTIONS
 BETHE-SALPETER EQUATION
 BORN APPROXIMATION
 DYSON THEORY
 ELECTROMAGNETIC INTERACTIONS
 ENERGY DISTRIBUTION
 FERMI-DIRAC STATISTICS
 FUNCTION SPACE
 GROUP VELOCITY
 HYLLEBRANDS COORDINATES
 LIGHT-CONE EXPANSION
 ∞ MECHANICS (PHYSICS)
 ORR-SOMMERFELD EQUATIONS
 PHASE VELOCITY
 QUANTUM CHEMISTRY
 QUANTUM CHROMODYNAMICS
 QUANTUM ELECTRONICS
 QUANTUM OPTICS
 RACAH COEFFICIENT
 RELATIVITY
 SQUEEZED STATES (QUANTUM THEORY)
 STATISTICAL MECHANICS
 STRANGENESS
 U SPIN SPACE
 WAVE PACKETS

QUANTUM NUMBERS

- RT ANGULAR MOMENTUM
- ELECTRONS
- ENERGY LEVELS
- NUCLEAR SPIN
- ∞ NUMBERS
- PARITY
- SELECTION RULES (NUCLEAR PHYSICS)

QUANTUM OPTICS

- RT NONLINEAR OPTICS
- ∞ OPTICS
- PHYSICAL OPTICS
- QUANTUM MECHANICS
- QUANTUM THEORY

QUANTUM STATISTICS

- UF BOSE-EINSTEIN STATISTICS
- RT BOSONS
- FERMI-DIRAC STATISTICS
- FERMIONS
- MANY BODY PROBLEM
- ∞ STATISTICS
- SUPERFLUIDITY
- THOMAS-FERMI MODEL

QUANTUM THEORY

- UF WIGHTMAN THEORY
- GS THEORETICAL PHYSICS
- QUANTUM THEORY
- BOHR THEORY
- RT ANGULAR MOMENTUM
- ATOMIC THEORY
- CHARM (PARTICLE PHYSICS)
- DE BROGLIE WAVELENGTHS
- DIRAC EQUATION
- ELEMENTARY PARTICLES
- EMISSION
- ENERGY LEVELS
- FIELD THEORY (PHYSICS)
- FLAVOR (PARTICLE PHYSICS)
- FORBIDDEN TRANSITIONS
- GROUND STATE
- HAMILTONIAN FUNCTIONS
- KLEIN-DUNHAM POTENTIAL
- MAGNETIC MONOPOLES
- MANDELSTAM REPRESENTATION
- NUCLEAR PHYSICS
- NUCLEAR SPIN
- PARITY
- PERTURBATION THEORY
- PHOTONS
- PHYSICAL OPTICS
- PLANCKS CONSTANT
- QUANTUM ELECTRONICS
- QUANTUM OPTICS
- ∞ RADIATION
- RADIATION LAWS
- SCHUMANN-RUNGE BANDS
- SQUEEZED STATES (QUANTUM THEORY)
- STATISTICAL DISTRIBUTIONS
- STATISTICAL MECHANICS
- STRING THEORY
- SUPERGRAVITY
- SUPERSYMMETRY
- ∞ THEORIES
- WAVE EQUATIONS

QUANTUM WELLS

- GS POTENTIAL ENERGY
- ELECTRIC POTENTIAL
- QUANTUM WELLS
- RT BAND STRUCTURE OF SOLIDS
- CONDUCTION BANDS
- CONDUCTION ELECTRONS
- ENERGY BANDS
- ENERGY GAPS (SOLID STATE)
- GAPS
- HETEROJUNCTION DEVICES
- HETEROJUNCTIONS
- QUANTUM WELL LASERS
- RESONANT TUNNELING
- VALENCE

QUARK MODELS

- GS MODELS
- QUARK MODELS
- QUARK PARTON MODEL
- RT FLAVOR (PARTICLE PHYSICS)
- PARTICLE THEORY
- QUANTUM CHROMODYNAMICS
- QUARKS

QUARK PARTON MODEL

- GS MODELS

QUARK PARTON MODEL--(cont.)

- QUARK MODELS
- QUARK PARTON MODEL
- RT HADRONS
- INELASTIC SCATTERING
- LEPTONS
- NUCLEAR MODELS
- PARTONS
- QUARKS

QUARKS

- GS PARTICLES
- ELEMENTARY PARTICLES
- QUARKS
- RT FLAVOR (PARTICLE PHYSICS)
- GLUONS
- INSTANTONS
- PARTONS
- QUANTUM CHROMODYNAMICS
- QUARK MODELS
- QUARK PARTON MODEL

QUARRIES

- USE MINES (EXCAVATIONS)

QUARTIC EQUATIONS

- GS ALGEBRA
- NONLINEAR EQUATIONS
- QUARTIC EQUATIONS
- ANALYSIS (MATHEMATICS)
- REAL VARIABLES
- NONLINEAR EQUATIONS
- QUARTIC EQUATIONS
- RT ∞ EQUATIONS

QUARTILES

- RT PROBABILITY DENSITY FUNCTIONS
- STATISTICAL ANALYSIS
- STATISTICAL DISTRIBUTIONS

QUARTZ

- GS CHALCOGENIDES
- OXIDES
- DIOXIDES
- SILICON DIOXIDE
- QUARTZ
- COESITE
- STISHOVITE
- SILICON OXIDES
- SILICON DIOXIDE
- QUARTZ
- COESITE
- STISHOVITE
- MINERALS
- QUARTZ
- COESITE
- STISHOVITE
- SILICON COMPOUNDS
- SILICON OXIDES
- SILICON DIOXIDE
- QUARTZ
- COESITE
- STISHOVITE
- RT ABRASIVES
- FELSITE
- FLINT
- IGNEOUS ROCKS
- ROCKS
- SANDS
- SOILS

QUARTZ CRYSTALS

- GS CRYSTALS
- QUARTZ CRYSTALS
- RT FREQUENCY CONTROL
- FREQUENCY STABILITY
- RADIO TRANSMITTERS
- SILICON DIOXIDE

QUARTZ LAMPS

- GS LIGHTING EQUIPMENT
- LUMINAIRES
- QUARTZ LAMPS

QUARTZ TRANSDUCERS

- GS TRANSDUCERS
- QUARTZ TRANSDUCERS
- RT PIEZOELECTRIC CRYSTALS
- PRESSURE SENSORS

QUARTZITE

- GS ROCKS
- METAMORPHIC ROCKS
- QUARTZITE

QUENCHING (ATOMIC PHYSICS)**QUASARS**

- UF QSO (RADIO SOURCES)
- QUASI-STELLAR RADIO SOURCES
- GS CELESTIAL BODIES
- RADIO SOURCES (ASTRONOMY)
- QUASARS
- RT ACTIVE GALACTIC NUCLEI
- ACTIVE GALAXIES
- BLAZARS
- EXTRAGALACTIC RADIO SOURCES
- GALAXIES
- GRAVITATIONAL COLLAPSE
- IRREGULAR GALAXIES
- PULSARS
- RADIO ASTRONOMY
- RADIO BURSTS
- RADIO EMISSION
- RADIO GALAXIES
- RADIO JETS (ASTRONOMY)
- RADIO STARS
- STARS
- X RAY SPECTRA

QUASAT

- SN (QUASAR SATELLITE)
- GS OBSERVATORIES
- ASTRONOMICAL OBSERVATORIES
- ASTRONOMICAL SATELLITES
- QUASAT
- RT EUROPEAN SPACE PROGRAMS
- NASA PROGRAMS
- RADIO ASTRONOMY
- RADIO TELESCOPES
- SPACEBORNE ASTRONOMY
- VERY LONG BASE INTERFEROMETRY

QUASI-PARTICLES

- USE ELEMENTARY EXCITATIONS

QUASI-STEADY STATES

- RT EQUILIBRIUM FLOW
- FLUID DYNAMICS
- NONEQUILIBRIUM FLOW
- STEADY FLOW
- STEADY STATE CREEP
- UNIFORM FLOW

QUASI-STELLAR RADIO SOURCES

- USE QUASARS

QUASILINEARITY

- USE NONLINEARITY

QUATERNARY ALLOYS

- GS ALLOYS
- QUATERNARY ALLOYS
- RT ALLOYING

QUATERNIONS

- RT CLASSICAL MECHANICS
- NUMBER THEORY

QUEBEC

- GS NATIONS
- CANADA
- QUEBEC

QUEFRENCIES

- GS FREQUENCIES
- ACOUSTIC FREQUENCIES
- AUDIO FREQUENCIES
- QUEFRENCIES
- RT CEPSTRA

QUENCHING

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT EXTINGUISHING
- QUENCHING (ATOMIC PHYSICS)
- QUENCHING (COOLING)
- RAPID QUENCHING (METALLURGY)

QUENCHING (ATOMIC PHYSICS)

- GS GYRATION
- PRECESSION
- QUENCHING (ATOMIC PHYSICS)
- RT ANGULAR MOMENTUM
- MAGNETIC MOMENTS
- PARTICLE SPIN
- PHYSICS
- QUENCHING

QUENCHING (COOLING)

UF FLAME QUENCHING
GS COOLING
RT . QUENCHING (COOLING)
BATHS
COMBUSTION
DIPPING
EXTINGUISHING
HARDENING (MATERIALS)
HEAT TREATMENT
MICROSTRUCTURE
∞ QUENCHING
SUBMERGING
SUPERCoolING
SUPERSATURATION
THERMOMECHANICAL TREATMENT
WATER IMMERSION

QUERY LANGUAGES

GS LANGUAGES
COMMAND LANGUAGES
RT . QUERY LANGUAGES
INFORMATION RETRIEVAL
MAN-COMPUTER INTERFACE

QUESTOL AIRCRAFT

SN (EXPERIMENTAL STOL TRANSPORT
RESEARCH AIRPLANE)
UF EXPERIMENTAL STOL TRANSPORT RSCH
AIRPLANE
GS RESEARCH AIRCRAFT
QUESTOL AIRCRAFT
V/STOL AIRCRAFT
SHORT TAKEOFF AIRCRAFT
RT ∞ AIRCRAFT
QUESTOL AIRCRAFT
NASA PROGRAMS

QUEUEING THEORY

RT ARPA COMPUTER NETWORK
BUNCHING
MATHEMATICAL MODELS
OPERATIONS RESEARCH
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
∞ THEORIES

QUIET ENGINE PROGRAM

GS PROGRAMS
NASA PROGRAMS
RT . QUIET ENGINE PROGRAM
AIRCRAFT ENGINES
ENGINE NOISE
JET AIRCRAFT NOISE
JET ENGINES
NOISE REDUCTION

QUINOLINE

GS BASES (CHEMICAL)
QUINOLINE
NITROGEN COMPOUNDS
QUINOLINE
ORGANIC COMPOUNDS
RT . QUINOLINE
ALKALOIDS
DRUGS
PYRIDINES

QUINONES

UF BENZOQUINONE
CHINONE
GS ORGANIC COMPOUNDS
QUINONES
RT KETONES

QUINOXALINES

GS ORGANIC COMPOUNDS
HYDROCARBONS
QUINOXALINES
PLASTICS
SYNTHETIC RESINS
THERMOPLASTIC RESINS
QUINOXALINES
RESINS
SYNTHETIC RESINS
THERMOPLASTIC RESINS
QUINOXALINES
RT POLYMERIZATION

QUOTIENTS

RT DIVIDING (MATHEMATICS)

R

R CORONAE BOREALIS STARS

UF RCB STARS
GS CELESTIAL BODIES
STARS
SUPERGIANT STARS
R CORONAE BOREALIS STARS
VARIABLE STARS
IRREGULAR VARIABLE STARS
RT . R CORONAE BOREALIS STARS
CARBON STARS
COOL STARS
DUST
STELLAR ENVELOPES
STELLAR MASS EJECTION

RA-28 ENGINE

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
RA-28 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
RA-28 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
RA-28 ENGINE

RABBITS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
RABBITS

RACAH COEFFICIENT

RT ANGULAR MOMENTUM
COEFFICIENTS
COUPLING
QUANTUM MECHANICS
TRANSFORMATIONS (MATHEMATICS)

RACE FACTORS

RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
ETHNIC FACTORS
HUMAN BEINGS
HUMAN PERFORMANCE
RACES (ANTHROPOLOGY)
SOCIAL FACTORS
SOCIOLOGY
∞ VARIABLE

RACES (ANTHROPOLOGY)

RT AMERICAN INDIANS
ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
HUMAN BEINGS
MINORITIES
RACE FACTORS

RACETRACKS (PARTICLE ACCELERATORS)

RT ∞ ACCELERATORS
ELECTROMAGNETS
MAGNETIC FIELDS
PARTICLE ACCELERATION
PARTICLE ACCELERATORS
PARTICLE TRAJECTORIES

∞ RACKS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT RACKS (FRAMES)
RACKS (GEARS)

RACKS (FRAMES)

RT ∞ RACKS
SHELVES
STORAGE
SUPPORTS

RACKS (GEARS)

GS GEARS
RACKS (GEARS)
RT ∞ RACKS
TRANSLATIONAL MOTION

RACON BEACONS

USE RADAR BEACONS

RADANT

GS ANTENNAS
DIRECTIONAL ANTENNAS
RADAR ANTENNAS
RADANT
RADAR EQUIPMENT
RADAR ANTENNAS
RADANT
RT RADAR FILTERS
RADOMES
SLOT ANTENNAS
WAVEGUIDE ANTENNAS

RADAR

UF RADIO DETECTION AND RANGING
GS RADAR
AIRBORNE RADAR
AIRBORNE SURVEILLANCE RADAR
COHERENT RADAR
CONTINUOUS WAVE RADAR
DOPPLER RADAR
MULTISTATIC RADAR
IMAGING RADAR
INCOHERENT SCATTER RADAR
EISCAT RADAR SYSTEM (EUROPE)
INFRARED RADAR
LANDING RADAR
METEOROLOGICAL RADAR
MOVING TARGET INDICATORS
MULTISPECTRAL RADAR
OPTICAL RADAR
DIFFERENTIAL ABSORPTION LIDAR
PULSE RADAR
PULSE DOPPLER RADAR
EARTH RESOURCES SHUTTLE
IMAGING RADAR
MONOPULSE RADAR
RADAR MEASUREMENT
RANGE AND RANGE RATE TRACKING
SATELLITE-BORNE RADAR
SEARCH RADAR
NORTH AMERICAN SEARCH AND
RANGING RADAR
OVER-THE-HORIZON RADAR
SECONDARY RADAR
SPACE BASED RADAR
SURVEILLANCE RADAR
AIRBORNE SURVEILLANCE RADAR
COBRA DANE (RADAR)
MULTISTATIC RADAR
SYNTHETIC APERTURE RADAR
SIDE-LOOKING RADAR
TRACKING RADAR
COBRA DANE (RADAR)
TRADEX RADAR SYSTEM
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)
RT AIRCRAFT INSTRUMENTS
CANCELLATION CIRCUITS
CIRCUMLUNAR COMMUNICATION
COLLISION AVOIDANCE
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT
ELECTROMAGNETIC RADIATION
FLIGHT INSTRUMENTS
INSTRUMENT LANDING SYSTEMS
LUNAR COMMUNICATION
MICROWAVE ABSORPTION
NAVIGATION INSTRUMENTS
NIGHT FLIGHTS (AIRCRAFT)
PULSE COMPRESSION
RADAR DETECTION
SCATTEROMETERS

RADAR ABSORBERS

GS ABSORBERS (MATERIALS)
RADAR ABSORBERS
ANTIRADAR COATINGS
RT COUNTERMEASURES
ELECTROMAGNETIC ABSORPTION
MICROWAVE ABSORPTION

RADAR ALTIMETERS

USE RADIO ALTIMETERS

RADAR ANTENNAS

GS ANTENNAS
DIRECTIONAL ANTENNAS
RADAR ANTENNAS
RADANT
RADAR EQUIPMENT
RADAR ANTENNAS

RADAR ANTENNAS--(cont.)

RT . . RADANT
 AIRCRAFT ANTENNAS
 DIPLEXERS
 DIPOLE ANTENNAS
 DOGHOUSES (ELECTRONICS)
 HIGH RESOLUTION COVERAGE
 ANTENNAS
 HORN ANTENNAS
 LENS ANTENNAS
 MICROWAVE ANTENNAS
 PARABOLIC ANTENNAS
 RADOMES
 REFLECTOR ANTENNAS
 SCHWARZSCHILD ANTENNAS
 SIDELOBE REDUCTION
 SLOT ANTENNAS
 STEERABLE ANTENNAS

RADAR APPROACH CONTROL

UF RAPCON (CONTROL)
 GS APPROACH CONTROL
 . . **RADAR APPROACH CONTROL**
 GROUND BASED CONTROL
 . AIR TRAFFIC CONTROL
 . . **RADAR APPROACH CONTROL**
 TRAFFIC CONTROL
 . AIR TRAFFIC CONTROL
 . . **RADAR APPROACH CONTROL**
 AIRBORNE RADAR APPROACH
 AIRCRAFT GUIDANCE
 APPROACH INDICATORS
 ∞ CONTROL
 INSTRUMENT LANDING SYSTEMS
 LANDING AIDS
 LANDING INSTRUMENTS
 LANDING RADAR
 RADARSCOPES
 SURVEILLANCE RADAR

RADAR ASTRONOMY

GS ASTRONOMY
 . . **RADAR ASTRONOMY**
 RT RADIO ASTRONOMY

RADAR ATTENUATION

GS ATTENUATION
 . WAVE ATTENUATION
 . . **RADAR ATTENUATION**
 ATMOSPHERIC ATTENUATION
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 RADIO ATTENUATION
 SIDELOBE REDUCTION
 SIGNAL TRANSMISSION
 TRANSMISSION
 WAVE PROPAGATION

RADAR BEACONS

UF RACON BEACONS
 GS NAVIGATION AIDS
 . BEACONS
 . . **RADAR BEACONS**
 . . . DISCRETE ADDRESS BEACON
 SYSTEM
 RADAR EQUIPMENT
 . **RADAR BEACONS**
 . . DISCRETE ADDRESS BEACON
 SYSTEM
 RT AIRCRAFT COMMUNICATION
 COMPASSES
 POSITION (LOCATION)
 SOLAR COMPASSES
 TRANSPONDERS

RADAR BEAMS

GS BEAMS (RADIATION)
 . **RADAR BEAMS**
 RT BEAMFORMING
 PENCIL BEAMS

RADAR CLUTTER MAPS

GS MAPS
 . **RADAR CLUTTER MAPS**

RADAR CORNER REFLECTORS

UF LUNEBERG LENSES
 GS RADAR EQUIPMENT
 . RADAR REFLECTORS
 . . **RADAR CORNER REFLECTORS**
 REFLECTORS
 . RADAR REFLECTORS
 . . **RADAR CORNER REFLECTORS**
 REFLECTOR ANTENNAS

RADAR CORNER REFLECTORS--(cont.)
RETROREFLECTORS**RADAR CROSS SECTIONS**

RT ANGELS (RADAR)
 ∞ CROSS SECTIONS
 LOW OBSERVABLE REENTRY VEHICLES
 MOVING TARGET INDICATORS

RADAR DATA

RT ∞ DATA
 MICROWAVE PHOTOGRAPHY
 VIDEO DATA

RADAR DETECTION

GS DETECTION
 . MISSILE DETECTION
 . . **RADAR DETECTION**
 RT COHERENT RADAR
 CONTINUOUS WAVE RADAR
 DIGITAL RADAR SYSTEMS
 DOPPLER RADAR
 ELECTRONIC COUNTERMEASURES
 ELECTRONIC WARFARE
 MULTISTATIC RADAR
 OPTICAL RADAR
 OVER-THE-HORIZON RADAR
 RADAR
 RADAR TARGET SCATTER SITE
 PROGRAM
 RADARSCOPES
 RESOLUTION CELL
 SATELLITE-BORNE RADAR
 SEARCH RADAR
 SIGNAL DETECTION

RADAR DIRECTION FINDERS

USE RADIO DIRECTION FINDERS

RADAR DISPLAYS

USE RADARSCOPES

RADAR ECHOES

UF RADAR REFLECTIONS
 GS ECHOES
 . **RADAR ECHOES**
 . . ANGELS (RADAR)
 . . CLUTTER
 . . LUNAR RADAR ECHOES
 . . SOLAR RADAR ECHOES
 . . VENUS RADAR ECHOES
 RT AIRBORNE RADAR
 AURORAL ECHOES
 CHAFF
 GHOSTS
 GLINT
 TARGETS

RADAR EQUIPMENT

GS **RADAR EQUIPMENT**
 . DOGHOUSES (ELECTRONICS)
 . RADAR ANTENNAS
 . RADANT
 . RADAR BEACONS
 . . DISCRETE ADDRESS BEACON
 SYSTEM
 . RADAR FILTERS
 . RADAR RECEIVERS
 . RADAR REFLECTORS
 . . RADAR CORNER REFLECTORS
 . RADAR TRANSMITTERS
 . RADARSCOPES
 . . PLAN POSITION INDICATORS
 . RETROREFLECTORS
 RT AIRBORNE EQUIPMENT
 AIRBORNE RADAR
 AIRPORT SURFACE DETECTION
 EQUIPMENT
 AUTOMATED RADAR TERMINAL SYSTEM
 DIGITAL RADAR SYSTEMS
 DIPLEXERS
 DISTANCE MEASURING EQUIPMENT
 DOPPLER RADAR
 ∞ EQUIPMENT
 JAMMERS
 LOOK ANGLES (ELECTRONICS)
 ONBOARD EQUIPMENT
 PARABOLIC ANTENNAS
 RADIO EQUIPMENT
 RADOMES
 RANGE FINDERS
 SERVOMECHANISMS
 SYNTHETIC APERTURE RADAR
 TRANSPONDERS

RADAR FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . ELECTRIC FILTERS
 . . **RADAR FILTERS**
 RADAR EQUIPMENT
 . **RADAR FILTERS**
 RT ∞ FILTERS
 FIR FILTERS
 MICROWAVE FILTERS
 RADANT
 RADIO FILTERS
 WAVEGUIDE FILTERS

RADAR GEOLOGY

GS GEOLOGY
 . **RADAR GEOLOGY**
 RT GEOLOGICAL SURVEYS
 SHUTTLE IMAGING RADAR

RADAR HOMING MISSILES

GS MISSILES
 . **RADAR HOMING MISSILES**
 RT MILITARY TECHNOLOGY
 MISSILE CONTROL
 MISSILE SYSTEMS
 TARGET RECOGNITION

RADAR IMAGERY

GS IMAGERY
 . **RADAR IMAGERY**
 RT AIRBORNE RADAR
 CHANGE DETECTION
 EARTH RESOURCES SHUTTLE IMAGING
 RADAR
 IMAGE ANALYSIS
 IMAGING RADAR
 IMAGING TECHNIQUES
 INFRARED RADAR
 LUNAR EQUATOR
 MAGELLAN SPACECRAFT (NASA)
 RADAR MAPS
 RESOLUTION CELL
 SHUTTLE IMAGING RADAR
 SIDE-LOOKING RADAR
 X RAY IMAGERY

RADAR MAPS

GS MAPS
 . **RADAR MAPS**
 RT AIRBORNE RADAR
 MAP MATCHING GUIDANCE
 METEOROLOGICAL CHARTS
 RADAR IMAGERY

RADAR MEASUREMENT

GS RADAR
 . **RADAR MEASUREMENT**
 RT ALTIMETRY
 DIFFERENTIAL ABSORPTION LIDAR
 DISTANCE MEASURING EQUIPMENT
 ∞ MEASUREMENT
 RADIO ALTIMETERS
 RANGEFINDING
 SATELLITE ALTIMETRY

RADAR NAVIGATION

GS NAVIGATION
 . **RADAR NAVIGATION**
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT GUIDANCE
 ALL-WEATHER AIR NAVIGATION
 AUTOMATIC FLIGHT CONTROL
 CELESTIAL NAVIGATION
 COLLISION AVOIDANCE
 DEAD RECKONING
 DISTANCE
 DISTANCE MEASURING EQUIPMENT
 DOPPLER NAVIGATION
 DOPPLER RADAR
 DOPPLER-FIZEAU EFFECT
 GROUND BASED CONTROL
 INERTIAL NAVIGATION
 INTERPLANETARY NAVIGATION
 MAP MATCHING GUIDANCE
 RADARSCOPES
 RADIO NAVIGATION
 SATELLITE NAVIGATION SYSTEMS
 SPACE NAVIGATION
 SURFACE NAVIGATION
 TACAN

RADAR NETWORKS

UF MULTIRADAR TRACKING
 GS TRACKING NETWORKS

RADAR NETWORKS--(cont.)

RADAR NETWORKS
 RT DOPPLER RADAR
 ∞ NETWORKS
 POLYSTATION DOPPLER TRACKING SYSTEM
 TRACKING STATIONS

RADAR OBSERVATION
USE RADAR TRACKING**RADAR PHOTOGRAPHY**

GS IMAGERY
 . **RADAR PHOTOGRAPHY**
 PHOTOGRAPHY
 . MULTISPECTRAL PHOTOGRAPHY
 . **RADAR PHOTOGRAPHY**
 RT BLACK AND WHITE PHOTOGRAPHY
 MICROWAVE PHOTOGRAPHY
 RADARSCOPES
 SPECTRAL RECONNAISSANCE
 ULTRAVIOLET PHOTOGRAPHY

RADAR RANGE

GS DISTANCE
 . **RADAR RANGE**
 RT CONTINUOUS WAVE RADAR
 OPTICAL SLANT RANGE
 OVER-THE-HORIZON RADAR
 RADIO RANGE

RADAR RECEIVERS

GS RADAR EQUIPMENT
 . **RADAR RECEIVERS**
 RECEIVERS
 . **RADAR RECEIVERS**
 RT AIRBORNE RADAR
 DIGITAL RADAR SYSTEMS
 ELECTROMAGNETIC NOISE
 MICROWAVE SENSORS
 RADIO RECEIVERS
 REPEATERS

RADAR RECEPTION

RT RADIO RECEPTION
 ∞ RECEIVING
 SIDELOBE REDUCTION

RADAR REFLECTIONS

USE RADAR ECHOES

RADAR REFLECTORS

GS RADAR EQUIPMENT
 . **RADAR REFLECTORS**
 . . RADAR CORNER REFLECTORS
 REFLECTORS
 . **RADAR REFLECTORS**
 . . RADAR CORNER REFLECTORS
 RT PARABOLIC ANTENNAS
 PARABOLIC REFLECTORS
 RADIO ECHOES
 REFLECTOR ANTENNAS
 SIDELOBE REDUCTION

RADAR RESOLUTION

GS RESOLUTION
 . **RADAR RESOLUTION**
 RT ANGULAR RESOLUTION
 DISPLAY DEVICES
 HIGH RESOLUTION COVERAGE
 ANTENNAS
 SIDELOBE REDUCTION
 SPECTRAL RESOLUTION

RADAR SCANNING

GS SCANNING
 . **RADAR SCANNING**
 RT CONICAL SCANNING
 DIGITAL RADAR SYSTEMS
 FREQUENCY SCANNING
 METEOROLOGICAL RADAR
 MULTIPLE BEAM INTERVAL SCANNERS
 PANORAMIC SCANNING
 RADIO TRACKING
 SIDE-LOOKING RADAR
 SURVEILLANCE

RADAR SCATTERING

GS SCATTERING
 . **RADAR SCATTERING**
 RT EISCAT RADAR SYSTEM (EUROPE)
 INCOHERENT SCATTER RADAR
 INCOHERENT SCATTERING

RADAR SCATTERING--(cont.)

RADAR TARGET SCATTER SITE PROGRAM
 SCATTEROMETERS

RADAR SIGNATURES

GS SIGNATURES
 . **RADAR SIGNATURES**
 RT COBRA DANE (RADAR)
 DETECTION
 IMAGERY
 MICROWAVE SIGNATURES
 SIGNATURE ANALYSIS
 TARGET RECOGNITION

RADAR TARGET SCATTER SITE PROGRAM

UF RATSCAT PROGRAM
 GS PROGRAMS
 . **RADAR TARGET SCATTER SITE PROGRAM**
 TARGETS
 . RADAR TARGETS
 . **RADAR TARGET SCATTER SITE PROGRAM**
 RT RADAR DETECTION
 RADAR SCATTERING

RADAR TARGETS

GS TARGETS
 . **RADAR TARGETS**
 . . RADAR TARGET SCATTER SITE PROGRAM
 RT AIRBORNE RADAR
 DIGITAL RADAR SYSTEMS
 EARLY WARNING SYSTEMS
 MULTIPLE TARGET TRACKING
 RADIAL VELOCITY

RADAR TRACKING

UF RADAR OBSERVATION
 GS TRACKING (POSITION)
 . **RADAR TRACKING**
 RT AUTOMATED RADAR TERMINAL SYSTEM
 BALLISTIC MISSILE EARLY WARNING SYSTEM
 COMPENSATORY TRACKING
 DIGITAL RADAR SYSTEMS
 DOPPLER RADAR
 EARLY WARNING SYSTEMS
 METEOROLOGICAL RADAR
 MONOPULSE RADAR
 MOVING TARGET INDICATORS
 MULTIPLE TARGET TRACKING
 PURSUIT TRACKING
 RADIO TRACKING
 RANGE AND RANGE RATE TRACKING
 RANGEFINDING
 RAWINSONDES
 SEARCH RADAR
 SLEWING
 SPACECRAFT TRACKING
 SURVEILLANCE RADAR
 THREAT EVALUATION
 TRACKING RADAR
 TRANSPONDER CONTROL GROUP

RADAR TRANSMISSION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . **RADAR TRANSMISSION**
 . SIGNAL TRANSMISSION
 . **RADAR TRANSMISSION**
 RT ATMOSPHERIC ATTENUATION
 DIGITAL RADAR SYSTEMS
 EISCAT RADAR SYSTEM (EUROPE)
 ELECTROMAGNETIC PULSES
 RADIO TRANSMISSION
 RADOME MATERIALS
 WAVE ATTENUATION
 WAVE PROPAGATION

RADAR TRANSMITTERS

GS RADAR EQUIPMENT
 . **RADAR TRANSMITTERS**
 TRANSMITTERS
 . **RADAR TRANSMITTERS**

RADARSAT

GS CANADIAN SPACECRAFT
 . **RADARSAT**
 RT CANADIAN SPACE PROGRAM
 SYNTHETIC APERTURE RADAR

RADARSCOPES

UF RADAR DISPLAYS
 GS DISPLAY DEVICES
 . **RADARSCOPES**
 . . PLAN POSITION INDICATORS
 RADAR EQUIPMENT
 . **RADARSCOPES**
 . . PLAN POSITION INDICATORS
 RT AIRCRAFT GUIDANCE
 INDICATING INSTRUMENTS
 MICROWAVE IMAGERY
 MICROWAVE PHOTOGRAPHY
 RADAR APPROACH CONTROL
 RADAR DETECTION
 RADAR NAVIGATION
 RADAR PHOTOGRAPHY
 SURVEILLANCE RADAR

RADIAL DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . **RADIAL DISTRIBUTION**
 RT RAYLEIGH DISTRIBUTION
 STAR DISTRIBUTION
 WIND PROFILES

RADIAL DRAINAGE PATTERNS

USE DRAINAGE PATTERNS

RADIAL FLOW

GS FLUID FLOW
 . **RADIAL FLOW**
 RT AXIAL FLOW
 CENTRIFUGAL COMPRESSORS
 DIFFUSION
 FLOW GEOMETRY
 GAS FLOW
 HEAT TRANSMISSION
 TWO DIMENSIONAL FLOW

RADIAL VELOCITY

GS RATES (PER TIME)
 . **RADIAL VELOCITY**
 VELOCITY
 . **RADIAL VELOCITY**
 RT ASTRONOMICAL SPECTROSCOPY
 DOPPLER EFFECT
 RADAR TARGETS
 RED SHIFT
 VELOCITY MEASUREMENT

RADIANCE

SN (DIRECTIONAL EMISSION RATE PER UNIT AREA OF RADIATION)
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . **RADIANCE**
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . **RADIANCE**
 RT BLACK BODY RADIATION
 BRIGHTNESS
 EMISSIVITY
 EMITTANCE
 GLARE
 INCANDESCENCE
 ∞ INTENSITY
 IRRADIANCE
 LUMENS
 LUMINOSITY
 NEUTRON FLUX DENSITY
 SOLAR FLUX DENSITY
 TRANSMISSOMETERS
 VISIBILITY

RADIANCY

SN (EMISSION RATE PER UNIT AREA OF RADIATION)
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . **RADIANCY**
 RT ELECTRON FLUX DENSITY
 ILLUMINANCE
 LUMINOUS INTENSITY
 NEUTRON FLUX DENSITY
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 SOLAR FLUX DENSITY

RADIANT COOLING

GS COOLING
 . **RADIANT COOLING**
 RT RADIATIVE HEAT TRANSFER
 SURFACE COOLING

RADIANT ENERGY
USE RADIATION**RADIANT FLUX DENSITY**

SN (DYNES/CM-SEC AS DISTINGUISHED FROM RADIATION
PRESSURE--DYNES/SQ CM)
UF POWER DENSITY (ELECTROMAGNETIC)
RADIANT INTENSITY
RADIATION INTENSITY
GS RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
ILLUMINANCE
SOLAR CONSTANT
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY
NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
SOLAR FLUX DENSITY
SOLAR CONSTANT
RT BL LACERTAE OBJECTS
BRIGHTNESS
BRIGHTNESS DISTRIBUTION
DOSIMETERS
EMISSION
EMITTANCE
FAR FIELDS
FLUX (RATE)
GAMMA RAY BURSTS
LASER OUTPUTS
LUMINOSITY
MASER OUTPUTS
MASS TO LIGHT RATIOS
POST-BLAST NUCLEAR RADIATION
RADIATION
RADIATION COUNTERS
RADIATION PRESSURE
RADIO SPECTRA
SCATTERING FUNCTIONS
SOLAR REFLECTORS
SOUND INTENSITY
VIEW EFFECTS

RADIANT HEATING

UF RADIATION HEATING
GS HEATING
RADIANT HEATING
RT ENERGY
GAS HEATING
RADIATION
RADIATIVE HEAT TRANSFER
RADIATIVE TRANSFER
SOLAR HEATING

RADIANT INTENSITY

USE RADIANT FLUX DENSITY

RADIATION

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF RADIANT ENERGY
RADIATION EMISSION
RT ALPHA PARTICLES
ANTENNA RADIATION PATTERNS
ARTIFICIAL RADIATION BELTS
ATMOSPHERIC RADIATION
BACKGROUND NOISE
BACKGROUND RADIATION
BASE HEATING
BEAMS (RADIATION)
BLACK BODY RADIATION
CERENKOV RADIATION
CIRCUMSOLAR RADIATION
COHERENT ACOUSTIC RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC RAYS
CYCLOTRON RADIATION
DIFFUSE RADIATION
EARTH RADIATION BUDGET
EXPERIMENT
ELASTIC WAVES
ELECTROMAGNETIC NOISE

RADIATION--(cont.)

ELECTROMAGNETIC RADIATION
ELECTRON RADIATION
EMISSION
EXTRATERRESTRIAL RADIATION
EXTREME ULTRAVIOLET RADIATION
FALLOUT
FAR INFRARED RADIATION
FAR ULTRAVIOLET RADIATION
FLUX (RATE)
FLUX DENSITY
GALACTIC RADIATION
GAMMA RAYS
GEOPHYSICS
GRAVITATIONAL WAVES
HARMONIC RADIATION
HEATING
INCIDENT RADIATION
INFRARED RADIATION
INNER RADIATION BELT
INTERSTELLAR RADIATION
ION CYCLOTRON RADIATION
IONIZING RADIATION
IRRADIATION
KIRCHHOFF LAW OF RADIATION
LIGHT (VISIBLE RADIATION)
LONG WAVE RADIATION
LONGITUDINAL WAVES
LUNAR RADIATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MICROWAVES
MODULATED CONTINUOUS RADIATION
MONOCHROMATIC RADIATION
NEAR INFRARED RADIATION
NEAR ULTRAVIOLET RADIATION
NONTHERMAL RADIATION
NUCLEAR MEDICINE
NUCLEAR RADIATION
NUCLEON POTENTIAL
OUTER RADIATION BELT
PHOTONS
PLANE WAVES
PLANETARY RADIATION
PLASMA RADIATION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZED RADIATION
POST-BLAST NUCLEAR RADIATION
PULSED RADIATION
QUANTUM THEORY
RADIANT FLUX DENSITY
RADIANT HEATING
RADIATION ABSORPTION
RADIATION BELTS
RADIATION CHEMISTRY
RADIATION COUNTERS
RADIATION DAMAGE
RADIATION DETECTORS
RADIATION DISTRIBUTION
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION HARDENING
RADIATION HAZARDS
RADIATION INJURIES
RADIATION LAWS
RADIATION MEASUREMENT
RADIATION MEASURING INSTRUMENTS
RADIATION METEOROID SPACECRAFT
RADIATION PRESSURE
RADIATION PROTECTION
RADIATION PYROMETERS
RADIATION SHIELDING
RADIATION SICKNESS
RADIATION SOURCES
RADIATION SPECTRA
RADIATION THERAPY
RADIATION TOLERANCE
RADIATION TRANSPORT
RADIATION TRAPPING
RADIATIVE TRANSFER
RADIOACTIVITY
RADIOLOGY
REFLECTED WAVES
RELIC RADIATION
RESONANCE FLUORESCENCE
SELF ABSORPTION
SHORT WAVE RADIATION
SILICON RADIATION DETECTORS
SKY RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR RADIATION
SOLAR RADIATION SHIELDING
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SOLAR WIND

RADIATION--(cont.)

SOUND WAVES
SPECTRAL EMISSION
STANDING WAVES
STELLAR RADIATION
STOKES LAW OF RADIATION
STRATOSPHERE RADIATION
SYNCHROTRON RADIATION
TEMPERATURE EFFECTS
TERRESTRIAL RADIATION
THERMAL RADIATION
TRAP PROGRAM
TROPOSPHERIC RADIATION
ULTRASONIC RADIATION
ULTRAVIOLET RADIATION
VOLTERRA EQUATIONS
X RAY SOURCES

RADIATION ABSORPTION

GS ENERGY ABSORPTION
RADIATION ABSORPTION
ELECTROMAGNETIC ABSORPTION
AUROREAL ABSORPTION
GAMMA RAY ABSORPTION
INFRARED ABSORPTION
MICROWAVE ABSORPTION
MULTIPHOTON ABSORPTION
PHOTOABSORPTION
POLAR CAP ABSORPTION
ULTRAVIOLET ABSORPTION
X RAY ABSORPTION
MOLECULAR ABSORPTION
SELF ABSORPTION
RT ABSORPTION
ABSORPTION CROSS SECTIONS
ATMOSPHERIC ATTENUATION
GAMMA RAY ABSORPTIOMETRY
GOLAY DETECTOR CELLS
GRAY GAS
INTERSTELLAR EXTINCTION
MATERIAL ABSORPTION
NEUTRON ABSORBERS
NUCLEAR REACTIONS
PHOTON ABSORPTIOMETRY
RADIATION
RADIATION CHEMISTRY
STOPPING POWER

RADIATION AND METEOROID SATELLITE

GS ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
RADIATION AND METEOROID SATELLITE

RADIATION BELTS

UF GEOMAGNETICALLY TRAPPED PARTICLES
PARTICLES
VAN ALLEN RADIATION BELTS
GS PARTICLES
CHARGED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
CORPUSCULAR RADIATION
RADIATION BELTS
TRAPPED PARTICLES
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
RT AEROSPACE ENVIRONMENTS
BELTS
COSMIC RAYS
EARTH ATMOSPHERE
EARTH MAGNETOSPHERE
ELECTRON DENSITY (CONCENTRATION)
ELECTRON PRECIPITATION
ELECTRON TRAJECTORIES
ELECTRONS
ELEMENTARY PARTICLES
ENTRAPMENT
EXOSPHERE
EXTRATERRESTRIAL RADIATION
IONIZING RADIATION
IONOSPHERIC DRIFT
MAGNETIC FIELDS
MIRROR POINT
PLASMAS (PHYSICS)
PROTON PRECIPITATION
PROTONS

RADIATION BELTS--(cont.)

∞ RADIATION
SOLAR RADIATION
TRAPPING
UPPER ATMOSPHERE

RADIATION CHEMISTRY

GS **RADIATION CHEMISTRY**
PHOTODECOMPOSITION
PHOTODISSOCIATION
PHOTOLYSIS
RADIOLYSIS
RT ∞ CHEMISTRY
ELECTROMAGNETIC RADIATION
∞ RADIATION
RADIATION ABSORPTION

RADIATION COUNTERS

UF IONIZATION COUNTERS
PARTICLE COUNTERS
PARTICLE DETECTORS
GS MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
CERENKOV COUNTERS
ELECTRON COUNTERS
GEIGER COUNTERS
NEUTRON COUNTERS
NEUTRON SPECTROMETERS
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
QUANTUM COUNTERS
SCINTILLATION COUNTERS
SPARK CHAMBERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
CERENKOV COUNTERS
ELECTRON COUNTERS
GEIGER COUNTERS
NEUTRON COUNTERS
NEUTRON SPECTROMETERS
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
QUANTUM COUNTERS
SCINTILLATION COUNTERS
SPARK CHAMBERS
BUBBLE CHAMBERS
CHANNEL MULTIPLIERS
CLOUD CHAMBERS
COINCIDENCE CIRCUITS
DOSIMETERS
ELECTROSTATIC PROBES
FLUENCE
GAS DISCHARGE TUBES
HODOSCOPES
ION TRAPS (INSTRUMENTATION)
IONIZATION CHAMBERS
IONIZING RADIATION
NUCLEAR EMULSIONS
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
RADIANT FLUX DENSITY
∞ RADIATION
SCINTILLATING FIBERS
SPECTROMETERS

RADIATION DAMAGE

GS DAMAGE
RADIATION DAMAGE
LASER DAMAGE
RADIATION EFFECTS
RADIATION DAMAGE
LASER DAMAGE
RT IONIZING RADIATION
∞ RADIATION
SINGLE EVENT UPSETS

RADIATION DETECTORS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
RADIATION DETECTORS
DOSIMETERS
THRESHOLD DETECTORS (DOSIMETERS)
GOLAY DETECTOR CELLS
SILICON RADIATION DETECTORS
RT ∞ DETECTORS
GEIGER COUNTERS
HEALTH PHYSICS
MULTI-ANODE MICROCHANNEL ARRAYS
∞ RADIATION
SATELLITE-BORNE INSTRUMENTS
VELA SATELLITES

RADIATION DISTRIBUTION

UF RADIATION FIELDS
GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
DIFFRACTION PATTERNS
KOSSEL PATTERN
RAINBOWS
RT CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
FIELD THEORY (PHYSICS)
FLUX DENSITY
NULL ZONES
∞ PATTERNS
∞ RADIATION
VERTICAL DISTRIBUTION
WAVE DISPERSION

RADIATION DOSAGE

UF RADIATION EXPOSURE
GS DOSAGE
RADIATION DOSAGE
RT BIOLOGICAL EFFECTS
DOSIMETERS
EXPOSURE
HEALTH PHYSICS
IRRADIATION
∞ RADIATION
SINGLE EVENT UPSETS

RADIATION EFFECTS

GS RADIATION EFFECTS
RADIATION DAMAGE
LASER DAMAGE
RADIATION INJURIES
RADIOLYSIS
SINGLE EVENT UPSETS
RT BIOLOGICAL EFFECTS
BLACKOUT (PROPAGATION)
BRAGG CURVE
CRRES (SATELLITE)
DAMAGE
DOSIMETERS
∞ EFFECTS
ELECTRON RADIATION
FALLOUT
GAMMA RAYS
HEALTH PHYSICS
HEMATOPOIESIS
IRRADIATION
MECHANICAL PROPERTIES
NEUTRONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR RADIATION
NUCLEAR VULNERABILITY
PARTICLE TRACKS
PHYSIOLOGICAL EFFECTS
POST-BLAST NUCLEAR RADIATION
POYNTING-ROBERTSON EFFECT
PRESERVING
∞ RADIATION
RADIOACTIVE CONTAMINANTS
SPACE BASED RADAR
STERILIZATION EFFECTS

RADIATION EMISSION

USE RADIATION

RADIATION EXPOSURE

USE RADIATION DOSAGE

RADIATION FIELDS

USE RADIATION DISTRIBUTION

RADIATION HARDENING

RT ANTENNAS
ELECTRONIC EQUIPMENT
∞ RADIATION

RADIATION HAZARDS

GS HAZARDS
RADIATION HAZARDS
RT DERMATITIS
DOSIMETERS
ELECTROMAGNETIC RADIATION
FALLOUT
FLUX DENSITY
HEALTH PHYSICS
IONIZING RADIATION
LASER DAMAGE
MUTATIONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR EXPLOSIONS

RADIATION HAZARDS--(cont.)

NUCLEAR RADIATION
OCCUPATIONAL DISEASES
OPERATIONAL HAZARDS
∞ RADIATION
RADIOACTIVE CONTAMINANTS
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY
REACTOR SAFETY

RADIATION HEATING

USE RADIANT HEATING

RADIATION INJURIES

GS INJURIES
RADIATION INJURIES
RADIATION EFFECTS
RADIATION INJURIES
RT BURNS (INJURIES)
HEALTH PHYSICS
∞ RADIATION

RADIATION INTENSITY

USE RADIANT FLUX DENSITY

RADIATION LAWS

GS LAWS
RADIATION LAWS
KIRCHHOFF LAW OF RADIATION
STEFAN-BOLTZMANN LAW
STOKES LAW OF RADIATION
RT ELECTROMAGNETIC RADIATION
QUANTUM THEORY
∞ RADIATION

RADIATION MEASUREMENT

RT DOSAGE
DOSIMETERS
IRRADIATION
∞ MEASUREMENT
∞ RADIATION
SENSITOMETRY

RADIATION MEASURING INSTRUMENTS

UF PHOTOELECTROMAGNETIC DETECTORS
PHOTOSENSORS
GS RADIATION METERS
MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
PYRANOMETERS
RADIOMETERS
DICKE RADIOMETERS
INFRARED DETECTORS
INFRARED RADIOMETERS
INFRARED SCANNERS
MICROWAVE RADIOMETERS
PASSIVE L-BAND RADIOMETERS
PRESSURE MODULATOR
RADIOMETERS
SPECTRORADIOMETERS
SOLAR SPECTROMETERS
SPECTROHELIOGRAPHS
SPECTROPHOTOMETERS
INFRARED
SPECTROPHOTOMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
ULTRAVIOLET DETECTORS
ULTRAVIOLET SPECTROMETERS
TOTAL OZONE MAPPING
SPECTROMETER
ULTRAVIOLET
SPECTROPHOTOMETERS
X RAY DETECTORS
BOLOMETERS
EBERT SPECTROMETERS
ELECTROSTATIC PROBES
FABRY-PEROT SPECTROMETERS
HODOSCOPES
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
INFRARED RADIOMETERS
INFRARED SCANNERS
INFRARED SPECTROMETERS
INFRARED SPECTROPHOTOMETERS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
TOTAL OZONE MAPPING
SPECTROMETER

RADIATION MEASURING INSTRUMENTS--(cont.)

... ULTRAVIOLET
SPECTROPHOTOMETERS
... RADIATION COUNTERS
... CERENKOV COUNTERS
... ELECTRON COUNTERS
... GEIGER COUNTERS
... NEUTRON COUNTERS
... NEUTRON SPECTROMETERS
... PARTICLE TELESCOPES
... PROPORTIONAL COUNTERS
... QUANTUM COUNTERS
... SCINTILLATION COUNTERS
... SPARK CHAMBERS
... RADIATION DETECTORS
... DOSIMETERS
... THRESHOLD DETECTORS
(DOSIMETERS)
... GOLAY DETECTOR CELLS
... SILICON RADIATION DETECTORS
... RIOMETERS
RT ∞ DETECTORS
EARTH RADIATION BUDGET
EXPERIMENT
HEALTH PHYSICS
IONIZATION CHAMBERS
MONITORS
NUCLEAR EMULSIONS
OPTICAL MEASURING INSTRUMENTS
∞ RADIATION
SAFETY DEVICES
SOLAR INSTRUMENTS
VELA SATELLITES
VIEW EFFECTS

RADIATION MEDICINE

USE NUCLEAR MEDICINE

RADIATION METEOROID SPACECRAFT

RT METEORIODS
∞ RADIATION
∞ SPACECRAFT
SPACECRAFT CONFIGURATIONS

RADIATION METERS

USE RADIATION MEASURING INSTRUMENTS

RADIATION NOISE

USE ELECTROMAGNETIC NOISE

RADIATION PRESSURE

SN (DYNES/SQ CM AS DISTINGUISHED
FROM RADIANT FLUX
DENSITY--DYNES/CM-SEC)
GS PRESSURE
... RADIATION PRESSURE
... ELECTRON PRESSURE
... LUMENS
... LUMINOUS INTENSITY
... ILLUMINANCE
... LUMINANCE
... SOUND PRESSURE
RT BAROCLINIC WAVES
BESSEL-BREDICHIN THEORY
COMET TAILS
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
KOHOUTEK COMET
PARTICLE FLUX DENSITY
PERTURBATION
PHOTOPHORESIS
RADIANT FLUX DENSITY
∞ RADIATION
SOLAR FLUX DENSITY
SOLAR RADIATION
SOLAR WIND
STELLAR WINDS

RADIATION PROTECTION

GS PROTECTION
... RADIATION PROTECTION
... RADIATION SHIELDING
... SOLAR RADIATION SHIELDING
RT ANTIRADIATION DRUGS
CYSTEAMINE
HEALTH PHYSICS
∞ RADIATION
SYNCHROTRON RADIATION
THERMAL PROTECTION
VISORS

RADIATION PYROMETERS

GS MEASURING INSTRUMENTS

RADIATION PYROMETERS--(cont.)

... TEMPERATURE MEASURING
INSTRUMENTS
... PYROMETERS
... RADIATION PYROMETERS
RT BOLOMETERS
CIRCUMSOLAR TELESCOPES
OPTICAL PYROMETERS
∞ RADIATION
TEMPERATURE MEASUREMENT
THERMOCOUPLE PYROMETERS

RADIATION RESISTANCE

USE RADIATION TOLERANCE

RADIATION SHIELDING

UF NUCLEAR SHIELDING
GS PROTECTION
... RADIATION PROTECTION
... RADIATION SHIELDING
... SOLAR RADIATION SHIELDING
RT ABSORBERS (MATERIALS)
ATTENUATORS
BORAL
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC SHIELDING
GAMMA RAYS
∞ INSULATED STRUCTURES
MAGNETIC SHIELDING
NEUTRON ABSORBERS
NEUTRON FLUX DENSITY
NEUTRONS
NUCLEAR REACTORS
PROTONS
∞ RADIATION
RADIO FREQUENCY SHIELDING
REACTOR MATERIALS
REFLECTORS
SAFETY DEVICES
SPACE BASED RADAR
SPACECRAFT SHIELDING
STOPPING POWER
TOWER SHIELDING REACTOR 2

RADIATION SICKNESS

GS DISEASES
... RADIATION SICKNESS
RT ANTIRADIATION DRUGS
DERMATITIS
HEALTH PHYSICS
∞ RADIATION
RADIOPATHOLOGY

RADIATION SOURCES

UF COHERENT SOURCES
GS RADIATION SOURCES
... MONOCHROMATORS
... NEUTRON SOURCES
... POINT SOURCES
RT CORPUSCULAR RADIATION
DUOCHROMATORS
ELECTROMAGNETIC RADIATION
ELECTRON SOURCES
EXTRAGALACTIC RADIO SOURCES
∞ GENERATORS
HEAT SOURCES
INTERSTELLAR MASERS
ION SOURCES
LIGHT SOURCES
PULSARS
∞ RADIATION
RADIO SOURCES (ASTRONOMY)
RADIOACTIVE MATERIALS
SOUND GENERATORS
∞ SOURCES
X RAY STARS

RADIATION SPECTRA

GS SPECTRA
... RADIATION SPECTRA
... ABSORPTION SPECTRA
... FRAUNHOFER LINES
... HERZBERG BANDS
... TELLURIC LINES
... ELECTROMAGNETIC SPECTRA
... GAMMA RAY SPECTRA
... INFRARED SPECTRA
... LINE SPECTRA
... BALMER SERIES
... D LINES
... ELECTRONIC SPECTRA
... FRAUNHOFER LINES

RADIATION SPECTRA--(cont.)

... H LINES
... H ALPHA LINE
... H BETA LINE
... H GAMMA LINE
... K LINES
... LYMAN SPECTRA
... PASCHEN SERIES
... RYDBERG SERIES
... TELLURIC LINES
... RADIO SPECTRA
... MICROWAVE SPECTRA
... RAMAN SPECTRA
... STELLAR SPECTRA
... SOLAR SPECTRA
... UV SPECTRA
... ULTRAVIOLET SPECTRA
... VIBRATIONAL SPECTRA
... VISIBLE SPECTRUM
... X RAY SPECTRA
... EMISSION SPECTRA
RT ASTRONOMICAL SPECTROSCOPY
COSMIC BACKGROUND EXPLORER
SATELLITE
ENERGY SPECTRA
MASS SPECTRA
NOISE SPECTRA
PLASMA SPECTRA
∞ RADIATION

RADIATION THERAPY

UF RADIOTHERAPY
GS THERAPY
... RADIATION THERAPY
RT CANCER
MEDICAL SCIENCE
PATHOLOGY
∞ RADIATION

RADIATION TOLERANCE

UF RADIATION RESISTANCE
RADIOSENSITIVITY
GS SENSITIVITY
... RADIATION TOLERANCE
TOLERANCES (PHYSIOLOGY)
... RADIATION TOLERANCE
RT HUMAN TOLERANCES
IRRADIATION
∞ RADIATION
∞ RESISTANCE
TOLERANCES (MECHANICS)

RADIATION TRANSPORT

RT EXPLODING WIRES
∞ RADIATION
RADIATIVE TRANSFER
TRANSPORT PROPERTIES

RADIATION TRAPPING

RT ARGON
EARTH MAGNETOSPHERE
EXCITATION
METASTABLE STATE
PLASMA PHYSICS
∞ RADIATION

RADIATIVE HEAT TRANSFER

GS RADIATIVE TRANSFER
... RADIATIVE HEAT TRANSFER
TRANSMISSION
... HEAT TRANSMISSION
... HEAT TRANSFER
... RADIATIVE HEAT TRANSFER
RT CONCENTRATORS
CONVECTIVE HEAT TRANSFER
COOLING FINS
HEAT RADIATORS
INFRARED REFLECTION
NEAR INFRARED RADIATION
RADIANT COOLING
RADIANT HEATING
SATELLITE TEMPERATURE
SPACECRAFT RADIATORS
STEFAN-BOLTZMANN LAW
SURFACE COOLING
THERMOHYDRAULICS
TROMBE WALLS
VIEW EFFECTS

RADIATIVE LIFETIME

RT DECAY
HALF LIFE

RADIATIVE RECOMBINATION

GS RECOMBINATION REACTIONS

RADIATIVE RECOMBINATION--(cont.)

- . ELECTRON RECOMBINATION
- . **RADIATIVE RECOMBINATION**
- . ELECTRON-ION RECOMBINATION
- . **RADIATIVE RECOMBINATION**
- RT AIRGLOW
- ATOMIC RECOMBINATION
- CARRIER INJECTION
- DEIONIZATION
- LIGHTNING

RADIATIVE TRANSFER

- GS **RADIATIVE TRANSFER**
- . RADIATIVE HEAT TRANSFER
- RT ATMOSPHERIC CORRECTION
- COSMIC RAYS
- ELECTROMAGNETIC RADIATION
- ENERGY TRANSFER
- EXTRATERRESTRIAL RADIATION
- GALACTIC RADIATION
- HEAT TRANSFER
- HEAT TRANSMISSION
- INTERSTELLAR RADIATION
- NEAR INFRARED RADIATION
- PLANETARY ATMOSPHERES
- POLARIZED ELECTROMAGNETIC RADIATION
- RADIANT HEATING
- ∞ RADIATION
- RADIATION TRANSPORT
- RADIO BURSTS
- RADIO STARS
- SOLAR RADIATION
- STELLAR ATMOSPHERES
- STELLAR RADIATION

∞ RADIATORS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ANTENNAS
- HEAT RADIATORS
- SOUND TRANSDUCERS
- THERMOSIPHONS

RADICALS

- GS **RADICALS**
- . AMINO RADICAL
- . FORMYL IONS
- . FREE RADICALS
- . HYDROXYL RADICALS
- . METHYLIDYNE
- . VANADYL RADICAL
- . VINYL RADICAL
- RT ∞ ROOTS

RADII

- UF RADIUS
- GS DIMENSIONS
- . **RADII**
- . LARMOR RADIUS
- GEOMETRY
- . EUCLIDEAN GEOMETRY
- . **RADII**
- . LARMOR RADIUS
- RT CIRCLES (GEOMETRY)
- CIRCUMFERENCES
- DIAMETERS
- LINES (GEOMETRY)
- RADIO FREQUENCIES
- SEGMENTS

RADIO ALTIMETERS

- UF RADAR ALTIMETERS
- GS FLIGHT INSTRUMENTS
- . **RADIO ALTIMETERS**
- MEASURING INSTRUMENTS
- . DISTANCE MEASURING EQUIPMENT
- . ALTIMETERS
- . **RADIO ALTIMETERS**
- RT AIRCRAFT INSTRUMENTS
- AUTOMATIC PILOTS
- INSTRUMENT LANDING SYSTEMS
- RADAR MEASUREMENT

RADIO ANTENNAS

- GS ANTENNAS
- . **RADIO ANTENNAS**
- . MICROWAVE ANTENNAS
- . HORN ANTENNAS
- . LENS ANTENNAS
- . SPACETENNAS
- RADIO EQUIPMENT
- . **RADIO ANTENNAS**
- . MICROWAVE ANTENNAS

RADIO ANTENNAS--(cont.)

- . . . HORN ANTENNAS
- . . . LENS ANTENNAS
- . . . SPACETENNAS
- RT AIRCRAFT ANTENNAS
- BACKFIRE ANTENNAS
- DIRECTIONAL ANTENNAS
- OMNIDIRECTIONAL ANTENNAS
- RECEPTION DIVERSITY
- REFLECTOR ANTENNAS
- RHOMBIC ANTENNAS
- SATELLITE ANTENNAS
- SCHWARZSCHILD ANTENNAS
- TWO REFLECTOR ANTENNAS
- WHIP ANTENNAS

RADIO ASTRONOMY

- GS ASTRONOMY
- . **RADIO ASTRONOMY**
- RT ASTRONOMICAL INTERFEROMETRY
- ASTRONOMICAL OBSERVATORIES
- ASTRONOMICAL SPECTROSCOPY
- BRIGHTNESS DISTRIBUTION
- BRIGHTNESS TEMPERATURE
- CORONAL HOLES
- EXTRAGALACTIC RADIO SOURCES
- EXTRATERRESTRIAL RADIO WAVES
- GAMMA RAY ASTRONOMY
- IUE
- LINEAR POLARIZATION
- MAFFEI GALAXIES
- MICHELSON INTERFEROMETERS
- PHASE SWITCHING INTERFEROMETERS
- PULSARS
- QUASARS
- QUASAT
- RADAR ASTRONOMY
- RADIO JETS (ASTRONOMY)
- SAS-1
- SAS-2
- SAS-3
- ∞ SCIENCE
- VERY HIGH FREQUENCY RADIO EQUIPMENT
- VERY LARGE ARRAY (VLA)
- VERY LONG BASE INTERFEROMETRY
- VERY LONG BASELINE ARRAY (VLBA)

RADIO ASTRONOMY EXPLORER B

- USE EXPLORER 49 SATELLITE

RADIO ASTRONOMY EXPLORER SATELLITE

- GS ARTIFICIAL SATELLITES
- . SCIENTIFIC SATELLITES
- . EXPLORER SATELLITES
- . . . **RADIO ASTRONOMY EXPLORER SATELLITE**

RADIO ASTRONOMY EXPLORER 2

- USE EXPLORER 49 SATELLITE

RADIO ATTENUATION

- UF RADIO SIGNAL ATTENUATION
- GS ATTENUATION
- . WAVE ATTENUATION
- . **RADIO ATTENUATION**
- RT ATMOSPHERIC ATTENUATION
- ELECTROMAGNETIC ABSORPTION
- ELECTROMAGNETIC WAVE TRANSMISSION
- GROUND EFFECT (COMMUNICATIONS)
- RADAR ATTENUATION
- SIGNAL TRANSMISSION
- TRANSHORIZON RADIO PROPAGATION
- TRANSMISSION
- WAVE PROPAGATION

RADIO ATTENUATION MEASUREMENT PROJECT

- UF RAM PROJECT
- GS PROGRAMS
- . PROJECTS
- . **RADIO ATTENUATION MEASUREMENT PROJECT**

RADIO AURORAS

- GS ATMOSPHERIC RADIATION
- . AURORAS
- . **RADIO AURORAS**
- RT ∞ DISTURBANCES
- IONOSPHERICS
- NIGHTGLOW
- SOLAR ACTIVITY

RADIO BEACONS

- UF RADIO RANGES

RADIO BEACONS--(cont.)

- GS NAVIGATION AIDS
- . BEACONS
- . **RADIO BEACONS**
- . . . OMNIDIRECTIONAL RADIO RANGES
- . . . SELF CALIBRATING OMNIRANGE
- RADIO EQUIPMENT
- . RADIO TRANSMITTERS
- . **RADIO BEACONS**
- . . . OMNIDIRECTIONAL RADIO RANGES
- . . . SELF CALIBRATING OMNIRANGE
- TRANSMITTERS
- . RADIO TRANSMITTERS
- . **RADIO BEACONS**
- . . . OMNIDIRECTIONAL RADIO RANGES
- . . . SELF CALIBRATING OMNIRANGE
- RT AIRPORT BEACONS
- BEACON COLLISION AVOIDANCE SYSTEM
- HOMING DEVICES
- INSTRUMENT LANDING SYSTEMS
- LANDING AIDS
- ∞ MARKERS
- NIGHT FLIGHTS (AIRCRAFT)
- ORBIS
- ORBIS CAL SATELLITE RANGES (FACILITIES)
- SOLAR COMPASSES

RADIO BROADCASTING

- USE BROADCASTING

RADIO BURSTS

- GS BURSTS
- . **RADIO BURSTS**
- . . . SOLAR RADIO BURSTS
- . . . TYPE 2 BURSTS
- . . . TYPE 3 BURSTS
- . . . TYPE 4 BURSTS
- . . . TYPE 5 BURSTS
- ELECTROMAGNETIC RADIATION
- . RADIO WAVES
- . . . EXTRATERRESTRIAL RADIO WAVES
- . **RADIO BURSTS**
- . . . SOLAR RADIO BURSTS
- TYPE 2 BURSTS
- TYPE 3 BURSTS
- TYPE 4 BURSTS
- TYPE 5 BURSTS
- . . . RADIO EMISSION
- . **RADIO BURSTS**
- . . . SOLAR RADIO BURSTS
- TYPE 2 BURSTS
- TYPE 3 BURSTS
- TYPE 4 BURSTS
- TYPE 5 BURSTS
- EMISSION
- . RADIO EMISSION
- . **RADIO BURSTS**
- . . . SOLAR RADIO BURSTS
- TYPE 2 BURSTS
- TYPE 3 BURSTS
- TYPE 4 BURSTS
- TYPE 5 BURSTS
- EXTRATERRESTRIAL RADIATION
- . EXTRATERRESTRIAL RADIO WAVES
- . **RADIO BURSTS**
- . . . SOLAR RADIO BURSTS
- TYPE 2 BURSTS
- TYPE 3 BURSTS
- TYPE 4 BURSTS
- TYPE 5 BURSTS
- RT ∞ DISTURBANCES
- PULSARS
- QUASARS
- RADIATIVE TRANSFER
- SOLAR RADIO EMISSION
- STELLAR RADIATION

RADIO COMMUNICATION

- GS TELECOMMUNICATION
- . **RADIO COMMUNICATION**
- . . . RADIO RELAY SYSTEMS
- . . . CODE DIVISION MULTIPLE ACCESS
- . . . TIME DIVISION MULTIPLE ACCESS
- . . . RADIO TELEGRAPHY
- . . . RADIO TELEMETRY
- . . . PULSE FREQUENCY MODULATION TELEMETRY
- . . . TELEPHONY
- RT ACCESS CONTROL
- AIRCRAFT COMMUNICATION
- BLACKOUT (PROPAGATION)
- BROADCASTING
- CIRCUMLUNAR COMMUNICATION

RADIO COMMUNICATION--(cont.)

CODE DIVISION MULTIPLEXING
COMMUNICATION EQUIPMENT
COMMUNICATION NETWORKS
FLEET SATELLITE COMMUNICATION
SYSTEM
FREQUENCY DIVISION MULTIPLE
ACCESS
FREQUENCY DIVISION MULTIPLEXING
GROUND-AIR-GROUND COMMUNICATION
INTERPLANETARY COMMUNICATION
INTERSTELLAR COMMUNICATION
LAND MOBILE SATELLITE SERVICE
LUNAR COMMUNICATION
MARISAT SATELLITES
MARISAT 1 SATELLITE
MOBILE COMMUNICATION SYSTEMS
MSAT
NASCOM NETWORK
POINT TO POINT COMMUNICATION
PROJECT SETI
PULSE COMMUNICATION
RADIOTELEPHONES
REENTRY COMMUNICATION
SATELLITE COMMUNICATION
SHIP TO SHORE COMMUNICATION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TELEVISION SYSTEMS
TRANSOCEANIC COMMUNICATION
UNDERGROUND COMMUNICATION
VOCODERS
VOICE COMMUNICATION

RADIO CONTROL

GS REMOTE CONTROL
RT RADIO CONTROL
AIRCRAFT CONTROL
AUTOMATIC CONTROL
∞CONTROL
DEEP SPACE INSTRUMENTATION
FACILITY
GROUND BASED CONTROL
MISSILE CONTROL
SPACECRAFT CONTROL

RADIO DETECTION AND RANGING

USE RADAR

RADIO DIRECTION FINDERS

UF DIRECTION FINDERS (RADIO)
RADAR DIRECTION FINDERS
GS DISPLAY DEVICES
POSITION INDICATORS
RT RADIO DIRECTION FINDERS
MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
POSITION INDICATORS
RT RADIO DIRECTION FINDERS
NAVIGATION AIDS
BEACONS
RT RADIO DIRECTION FINDERS
NAVIGATION INSTRUMENTS
RT RADIO DIRECTION FINDERS
AIRCRAFT EQUIPMENT
COMPASSES
DIRECTION FINDING
FLIGHT INSTRUMENTS
GYROCOMPASSES
HOMING
HOMING DEVICES
RADIOGONIOMETERS
VHF OMNIRANGE NAVIGATION

RADIO ECHOES

UF RADIO REFLECTION
GS ECHOES
RT RADIO ECHOES
ANGELS (RADAR)
AURORAL ECHOES
GHOSTS
HARVARD RADIO METEOR PROJECT
INFRARED REFLECTION
LUNAR ECHOES
RADAR REFLECTORS
ULTRAVIOLET REFLECTION

RADIO ELECTRONICS

RT ∞ELECTRONICS

RADIO EMISSION

GS ELECTROMAGNETIC RADIATION
RADIO WAVES

RADIO EMISSION--(cont.)

RT RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EMISSION
RT RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EXTRAGALACTIC RADIO SOURCES
EXTRATERRESTRIAL RADIO WAVES
QUASARS
RADIO JETS (ASTRONOMY)

RADIO EQUIPMENT

GS RADIO EQUIPMENT
RADIO ANTENNAS
MICROWAVE ANTENNAS
HORN ANTENNAS
LENS ANTENNAS
SPACETENNAS
RADIO FILTERS
RADIO RECEIVERS
SUPERHETERODYNE RECEIVERS
TRANSMITTER RECEIVERS
WHISTLER RECORDERS
RADIO TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE
VERY LARGE ARRAY (VLA)
VERY LONG BASELINE ARRAY (VLBA)
RADIO TRANSMITTERS
RADIO BEACONS
OMNIDIRECTIONAL RADIO RANGES
SELF CALIBRATING OMNIRANGE
RADIOMETEORGRAPHS
RADIOSONDES
ENDORADIOSONDES
IONOSONDES
RAWINSONDES
RADIOTELEPHONES
SONOBUOYS
TRANSMITTER RECEIVERS
RECEPTION DIVERSITY
SPACECRAFT ANTENNAS
TRANSPONDERS
VERY HIGH FREQUENCY RADIO
EQUIPMENT
RT AIRBORNE EQUIPMENT
ANTENNAS
BROADCASTING
COMMUNICATION EQUIPMENT
CRYSTAL FILTERS
CYLINDRICAL ANTENNAS
JAMMERS
NEAR FIELDS
ONBOARD EQUIPMENT
RADAR EQUIPMENT

RADIO FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
ELECTRIC FILTERS
RT RADIO FILTERS
RADIO EQUIPMENT
RT RADIO FILTERS
CRYSTAL FILTERS
∞FILTERS
INTERFERENCE GRATING
MICROWAVE FILTERS
RADAR FILTERS

RADIO FREQUENCIES

GS FREQUENCIES
RADIO FREQUENCIES
EXTREMELY LOW RADIO
FREQUENCIES
HIGH FREQUENCIES
LOW FREQUENCIES
VERY LOW FREQUENCIES
LOW FREQUENCY BANDS
VERY LOW FREQUENCIES
MICROWAVE FREQUENCIES
C BAND
EXTREMELY HIGH FREQUENCIES
P BAND
SUPERHIGH FREQUENCIES
ULTRAHIGH FREQUENCIES
P BAND
VERY HIGH FREQUENCIES
P BAND
RT AUDIO FREQUENCIES
CARRIER FREQUENCIES
EXTREMELY LOW FREQUENCIES
INTERMEDIATE FREQUENCIES
RADIO

RADIO FREQUENCY DISCHARGE

GS ELECTRIC CURRENT
ELECTRIC DISCHARGES
RT RADIO FREQUENCY DISCHARGE
ELECTRODELESS DISCHARGES
ELECTRON EMISSION
RING DISCHARGE

RADIO FREQUENCY HEATING

GS HEATING
RT RADIO FREQUENCY HEATING
INDUCTION HEATING
PLASMA HEATING

RADIO FREQUENCY IMPEDANCE PROBES

GS MEASURING INSTRUMENTS
IMPEDANCE PROBES
RT RADIO FREQUENCY IMPEDANCE
PROBES
IMPEDANCE MEASUREMENT
ION PROBES
MICROWAVE PROBES
PLASMA PROBES

RADIO FREQUENCY INTERFERENCE

UF RADIO INTERFERENCE
GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
BLACKOUT (PROPAGATION)
POLAR RADIO BLACKOUT
CHIRP
CHIRP SIGNALS
ELECTROMAGNETIC NOISE
ATMOSPHERICS
IONOSPHERICS
DAWN CHORUS
HISS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS
WHISTLERS
COSMIC NOISE
IONOSPHERIC NOISE
WHISTLERS
SHOT NOISE
WHITE NOISE
THERMAL NOISE
IONOSPHERIC CROSS MODULATION
RT CLUTTER
CROSS COUPLING
ELECTROMAGNETIC COMPATIBILITY
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
EXTRATERRESTRIAL RADIO WAVES
∞INTERFERENCE
INTERFERENCE GRATING
INTERFERENCE IMMUNITY
JAMMING
NOISE GENERATORS
NOISE STORMS
SIGNAL FADING

RADIO FREQUENCY ION THRUSTOR ENGINES

USE RIT ENGINES

RADIO FREQUENCY NOISE

USE ELECTROMAGNETIC NOISE

RADIO FREQUENCY RADIATION

USE RADIO WAVES

RADIO FREQUENCY SHIELDING

GS SHIELDING
 . ELECTROMAGNETIC SHIELDING
 . . **RADIO FREQUENCY SHIELDING**
 RT RADIATION SHIELDING
 SPACECRAFT SHIELDING

RADIO GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . ACTIVE GALAXIES
 . . . **RADIO GALAXIES**
 . RADIO SOURCES (ASTRONOMY)
 . . EXTRAGALACTIC RADIO SOURCES
 . . . **RADIO GALAXIES**
 RT ACTIVE GALACTIC NUCLEI
 BLAZARS
 DISK GALAXIES
 MAFFEI GALAXIES
 QUASARS

RADIO HORIZONS

GS HORIZON
 . **RADIO HORIZONS**
 RT HORIZON SCANNERS

RADIO INTERFERENCE

USE RADIO FREQUENCY INTERFERENCE

RADIO INTERFEROMETERS

GS MEASURING INSTRUMENTS
 . INTERFEROMETERS
 . . **RADIO INTERFEROMETERS**
 RT ASTROPHYSICS
 ORION (RADIO INTERFEROMETRY
 NETWORK)
 VERY LONG BASE INTERFEROMETRY

RADIO JETS (ASTRONOMY)

GS CELESTIAL BODIES
 . RADIO SOURCES (ASTRONOMY)
 . . EXTRAGALACTIC RADIO SOURCES
 . . . **RADIO JETS (ASTRONOMY)**
 PARTICLES
 . CHARGED PARTICLES
 . . PLASMA JETS
 . . . **RADIO JETS (ASTRONOMY)**
 RT ASTROPHYSICS
 ENERGETIC PARTICLES
 EXTRATERRESTRIAL RADIATION
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC NUCLEI
 GALACTIC RADIO WAVES
 QUASARS
 RADIO ASTRONOMY
 RADIO EMISSION

RADIO METEOROLOGY

GS METEOROLOGY
 . **RADIO METEOROLOGY**
 RT ATMOSPHERICS
 METEOROLOGICAL RADAR
 RADIOSONDES

RADIO METEORS

GS CELESTIAL BODIES
 . METEORIODS
 . . **RADIO METEORS**
 RT ATMOSPHERIC IONIZATION
 METEOR TRAILS

RADIO NAVIGATION

GS NAVIGATION
 . **RADIO NAVIGATION**
 . . HYPERBOLIC NAVIGATION
 . . . DECCA NAVIGATION
 . . . LORAC NAVIGATION SYSTEM
 . . . LORAN
 LORAN C
 LORAN D
 . . . SHORAN
 . . TACAN
 . . VHF OMNIRANGE NAVIGATION
 RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT GUIDANCE
 ALL-WEATHER AIR NAVIGATION
 ASTRONAVIGATION
 AUTOMATIC FLIGHT CONTROL
 CELESTIAL NAVIGATION
 COLLISION AVOIDANCE
 DEAD RECKONING
 DISTANCE MEASURING EQUIPMENT
 DOPPLER NAVIGATION
 FLIGHT CONTROL

RADIO NAVIGATION--(cont.)

GUIDANCE (MOTION)
 HOMING DEVICES
 INERTIAL NAVIGATION
 INTERPLANETARY NAVIGATION
 NAVIGATION AIDS
 OMNIDIRECTIONAL RADIO RANGES
 POSITIONING
 RADAR NAVIGATION
 SATELLITE NAVIGATION SYSTEMS
 SOLAR COMPASSES
 SPACE NAVIGATION
 SURFACE NAVIGATION

RADIO OBSERVATION

RT OBSERVATION
 SPACE OBSERVATIONS (FROM EARTH)

RADIO OCCULTATION

GS OCCULTATION
 . **RADIO OCCULTATION**
 RT ATMOSPHERIC COMPOSITION
 ATMOSPHERIC PRESSURE
 ATMOSPHERIC TEMPERATURE
 PLANETARY ATMOSPHERES
 SPACE PROBES
 SPACECRAFT TRAJECTORIES

RADIO PHYSICS

RT ∞ PHYSICS
 ∞ SCIENCE
 THEORETICAL PHYSICS

RADIO PROBING

RT MEASURING INSTRUMENTS
 ∞ PROBES

RADIO PROPAGATION

USE RADIO TRANSMISSION

RADIO RANGE

SN (EXCLUDES RADIO BEACONS)
 GS DISTANCE
 . **RADIO RANGE**
 RANGE (EXTREMES)
 . FREQUENCY RANGES
 . . **RADIO RANGE**
 RT RADAR RANGE

RADIO RANGES

USE RADIO BEACONS

RADIO RECEIVERS

GS COMMUNICATION EQUIPMENT
 . **RADIO RECEIVERS**
 . . SUPERHETERODYNE RECEIVERS
 . . TRANSMITTER RECEIVERS
 . . WHISTLER RECORDERS
 RADIO EQUIPMENT
 . **RADIO RECEIVERS**
 . . SUPERHETERODYNE RECEIVERS
 . . TRANSMITTER RECEIVERS
 . . WHISTLER RECORDERS
 RECEIVERS
 . **RADIO RECEIVERS**
 . . SUPERHETERODYNE RECEIVERS
 . . TRANSMITTER RECEIVERS
 . . WHISTLER RECORDERS
 RT DATA LINKS
 DIRECTORS (ANTENNA ELEMENTS)
 ELECTROMAGNETIC NOISE
 INTERMEDIATE FREQUENCY AMPLIFIERS
 LOUDSPEAKERS
 ORION (RADIO INTERFEROMETRY
 NETWORK)
 PARASITIC ELEMENTS (ANTENNAS)
 RADAR RECEIVERS
 RECEPTION DIVERSITY
 TELEVISION RECEPTION
 TRANSPONDERS
 TUNERS

RADIO RECEPTION

RT HOMODYNE RECEPTION
 RADAR RECEPTION
 ∞ RECEIVING
 RECEPTION DIVERSITY
 SCATTER PROPAGATION
 TELEVISION RECEPTION

RADIO REFLECTION

USE RADIO ECHOES

RADIO RELAY SYSTEMS

GS TELECOMMUNICATION
 . RADIO COMMUNICATION
 . . **RADIO RELAY SYSTEMS**
 . . . CODE DIVISION MULTIPLE ACCESS
 . . . TIME DIVISION MULTIPLE ACCESS
 RT COMMUNICATION EQUIPMENT
 COMMUNICATION SATELLITES
 DATA LINKS
 DEFENSE COMMUNICATIONS SATELLITE
 SYSTEM
 EARTH TERMINAL MEASUREMENT
 SYSTEM
 EARTH TERMINALS
 GLOBAL TRACKING NETWORK
 MOLNIYA SATELLITES
 MSAT
 ORBIT SPECTRUM UTILIZATION
 ∞ RELAY
 ∞ SYSTEMS
 TDR SATELLITES

RADIO SCATTERING

RT ATMOSPHERIC DIFFUSION
 ATMOSPHERIC SCATTERING
 SCATTER PROPAGATION
 SIGNAL FADING
 SIGNAL TRANSMISSION

RADIO SIGNAL ATTENUATION

USE RADIO ATTENUATION

RADIO SIGNAL PROPAGATION

USE RADIO TRANSMISSION

RADIO SIGNALS

RT BROADCASTING
 PROJECT SETI
 SIGNAL DISTORTION
 SIGNAL MIXING
 ∞ SIGNALS
 TRANSHORIZON RADIO PROPAGATION
 WHISTLERS

RADIO SOURCES (ASTRONOMY)

SN (LIMITED TO EXTRATERRESTRIAL RADIO
 SOURCES)
 GS CELESTIAL BODIES
 . **RADIO SOURCES (ASTRONOMY)**
 . . CASSIOPEIA A
 . . EXTRAGALACTIC RADIO SOURCES
 . . . RADIO GALAXIES
 . . . RADIO JETS (ASTRONOMY)
 . . QUASARS
 . . RADIO STARS
 . . . PULSARS
 RT BL LACERTAE OBJECTS
 BLAZARS
 CN EMISSION
 EXTRATERRESTRIAL RADIO WAVES
 GALACTIC NUCLEI
 GALAXIES
 HYDROXYL EMISSION
 IRREGULAR GALAXIES
 MAFFEI GALAXIES
 MILKY WAY GALAXY
 RADIATION SOURCES
 ∞ SOURCES

RADIO SPECTRA

GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . **RADIO SPECTRA**
 MICROWAVE SPECTRA
 RT CARRIER WAVES
 ELECTROMAGNETIC NOISE
 H I REGIONS
 RADIANT FLUX DENSITY

RADIO SPECTROSCOPY

GS SPECTROSCOPY
 . **RADIO SPECTROSCOPY**
 RT ASTRONOMICAL SPECTROSCOPY
 ULTRAVIOLET SPECTRA
 ULTRAVIOLET SPECTROSCOPY
 X RAY SPECTROSCOPY

RADIO STARS

GS CELESTIAL BODIES
 . RADIO SOURCES (ASTRONOMY)
 . . **RADIO STARS**
 . . . PULSARS
 . . STARS
 . . **RADIO STARS**

RADIO STARS--(cont.)

... PULSARS
 RT QUASARS
 RADIATIVE TRANSFER
 STELLAR RADIATION

RADIO TELEGRAPHY

GS TELECOMMUNICATION
 . RADIO COMMUNICATION
 . **RADIO TELEGRAPHY**
 RT COMMUNICATION EQUIPMENT
 KEYING
 MORSE CODE

RADIO TELEMETRY

GS TELECOMMUNICATION
 . RADIO COMMUNICATION
 . **RADIO TELEMETRY**
 . . . PULSE FREQUENCY MODULATION
 . . . TELEMETRY
 . . . **RADIO TELEMETRY**
 . . . PULSE FREQUENCY MODULATION
 . . . TELEMETRY
 . TRANSMISSION
 . SIGNAL TRANSMISSION
 . . . TELEMETRY
 . . . **RADIO TELEMETRY**
 PULSE FREQUENCY MODULATION
 TELEMETRY
 RT COMMUNICATION EQUIPMENT
 DATA TRANSMISSION
 EXTRATERRESTRIAL COMMUNICATION
 GROUND SUPPORT EQUIPMENT
 MEASURING INSTRUMENTS
 PULSE MODULATION
 RADIOMETEOROLOGRAPHY
 RADIOSONDES
 SPACE COMMUNICATION
 WIRELESS COMMUNICATION

RADIO TELESCOPES

GS RADIO EQUIPMENT
 . **RADIO TELESCOPES**
 . . . KILOMETER WAVE ORBITING
 . . . TELESCOPE
 . . . VERY LARGE ARRAY (VLA)
 . . . VERY LONG BASELINE ARRAY (VLBA)
 . . . TELESCOPES
 . **RADIO TELESCOPES**
 . . . KILOMETER WAVE ORBITING
 . . . TELESCOPE
 . . . VERY LARGE ARRAY (VLA)
 . . . VERY LONG BASELINE ARRAY (VLBA)
 RT ANTENNAS
 JODRELL BANK OBSERVATORY
 OPTICAL EQUIPMENT
 PHASE SWITCHING INTERFEROMETERS
 QUASAR

RADIO TRACKING

GS TRACKING (POSITION)
 . **RADIO TRACKING**
 . . . WILDLIFE RADIOLOCATION
 RT RADAR SCANNING
 RADAR TRACKING
 RANGE AND RANGE RATE TRACKING
 RANGEFINDING
 RAWINSONDES
 SPACECRAFT TRACKING

RADIO TRANSMISSION

UF RADIO PROPAGATION
 RADIO SIGNAL PROPAGATION
 GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 . TRANSMISSION
 . . . **RADIO TRANSMISSION**
 DOUBLE SIDEBAND TRANSMISSION
 IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 MICROWAVE ATTENUATION
 MICROWAVE TRANSMISSION
 MULTIPATH TRANSMISSION
 SHORT WAVE RADIO
 TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 SPREAD SPECTRUM TRANSMISSION
 TRANSEQUATORIAL PROPAGATION
 TRANSHORIZON RADIO
 PROPAGATION
 SIGNAL TRANSMISSION
 **RADIO TRANSMISSION**
 DOUBLE SIDEBAND TRANSMISSION

RADIO TRANSMISSION--(cont.)

... IONOSPHERIC PROPAGATION
 ... IONOSPHERIC F-SCATTER
 ... PROPAGATION
 ... MICROWAVE ATTENUATION
 ... MICROWAVE TRANSMISSION
 ... MULTIPATH TRANSMISSION
 ... SHORT WAVE RADIO
 ... TRANSMISSION
 ... SINGLE SIDEBAND TRANSMISSION
 ... TRANSEQUATORIAL PROPAGATION
 ... TRANSHORIZON RADIO
 ... PROPAGATION
 RT ANTIPODES
 ATMOSPHERIC ATTENUATION
 BROADCASTING
 CODE DIVISION MULTIPLEXING
 COMPANDING
 DATA TRANSMISSION
 EARTH-IONOSPHERE WAVEGUIDE
 FREQUENCY REUSE
 FREQUENCY SHIFT KEYING
 MAGNETOIONICS
 MODULATION
 MULTIPLEXING
 PACKET SWITCHING
 PULSE COMMUNICATION
 PULSE FREQUENCY MODULATION
 . . . TELEMETRY
 RADAR TRANSMISSION
 RADOME MATERIALS
 SATELLITE TRANSMISSION
 SCATTER PROPAGATION
 SEAFARER PROJECT
 SOMMERFELD APPROXIMATION
 SYMPHONIE SATELLITES
 VOICE OF AMERICA
 WAVE ATTENUATION
 WAVE PROPAGATION

RADIO TRANSMITTERS

GS RADIO EQUIPMENT
 . **RADIO TRANSMITTERS**
 . . . RADIO BEACONS
 . . . OMNIDIRECTIONAL RADIO RANGES
 . . . SELF CALIBRATING OMNIRANGE
 . . . RADIOMETEOROLOGRAPHY
 . . . RADIOSONDES
 . . . ENDORADIOSONDES
 . . . IONOSONDES
 . . . RAWINSONDES
 . . . RADIOTELEPHONES
 . . . SONOBUOYS
 . . . TRANSMITTER RECEIVERS
 . . . TRANSMITTERS
 . . . **RADIO TRANSMITTERS**
 RADIO BEACONS
 OMNIDIRECTIONAL RADIO RANGES
 SELF CALIBRATING OMNIRANGE
 RADIOMETEOROLOGRAPHY
 RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
 RADIOTELEPHONES
 SONOBUOYS
 TRANSMITTER RECEIVERS
 RT MULTICHANNEL COMMUNICATION
 QUARTZ CRYSTALS
 TELEVISION TRANSMISSION
 TRANSPONDERS
 WILDLIFE RADIOLOCATION

RADIO WAVE REFRACTION

GS REFRACTION
 . ATMOSPHERIC REFRACTION
 . . . **RADIO WAVE REFRACTION**
 RT WAVE DISPERSION

RADIO WAVES

UF RADIO FREQUENCY RADIATION
 GS ELECTROMAGNETIC RADIATION
 . **RADIO WAVES**
 . . . DECA-METRIC WAVES
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . GALACTIC RADIO WAVES
 . . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS

RADIO WAVES--(cont.)

... TYPE 3 BURSTS
 ... TYPE 4 BURSTS
 ... TYPE 5 BURSTS
 ... LONG WAVE RADIATION
 ... RADIO EMISSION
 ... CN EMISSION
 ... HYDROXYL EMISSION
 ... RADIO BURSTS
 ... SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 SHORT WAVE RADIATION
 MICROWAVES
 CENTIMETER WAVES
 DECIMETER WAVES
 MICROWAVE EMISSION
 MILLIMETER WAVES
 SUBMILLIMETER WAVES
 SKY WAVES
 WHISTLERS
 RT ATMOSPHERICS
 COHERENT ELECTROMAGNETIC
 RADIATION
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC SURFACE WAVES
 EXTRATERRESTRIAL RADIATION
 FAR INFRARED RADIATION
 FREQUENCIES
 GROUND WAVE PROPAGATION
 MONOCHROMATIC RADIATION
 MULTIPATH TRANSMISSION
 NONTHERMAL RADIATION
 PLANETARY RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 SCATTER PROPAGATION
 SOLAR RADIATION
 SOLITARY WAVES
 THERMAL RADIATION
 TRANSVERSE WAVES
 TRAVELING WAVES
 TROPOSPHERIC WAVES

RADIOACTIVE AGE DETERMINATION

UF RADIOACTIVE DATING
 RT ∞ AGING
 FOSSILS
 GEOCHRONOLOGY
 HALF LIFE
 ∞ MEASUREMENT
 RADIOCHEMISTRY
 RADIOGENIC MATERIALS
 TIME MEASUREMENT

RADIOACTIVE CONTAMINANTS

GS CONTAMINANTS
 . **RADIOACTIVE CONTAMINANTS**
 RT ATMOSPHERIC COMPOSITION
 FALLOUT
 NUCLEAR RADIATION
 RADIATION EFFECTS
 RADIATION HAZARDS

RADIOACTIVE DATING

USE RADIOACTIVE AGE DETERMINATION

 ∞ RADIOACTIVE DEBRIS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DEBRIS
 FALLOUT
 RADIOACTIVE MATERIALS
 RADIOACTIVE WASTES
 RADIOGENIC MATERIALS

RADIOACTIVE DECAY

UF PARTICLE DECAY
 GS DECAY
 . **RADIOACTIVE DECAY**
 . . . ALPHA DECAY
 . . . NEUTRON EMISSION
 . . . NUCLEAR REACTIONS
 . . . **RADIOACTIVE DECAY**
 ALPHA DECAY
 NEUTRON EMISSION

RADIOACTIVE DECAY--(cont.)

RT EMISSION
GAMMA RAY BEAMS
GAMMA RAYS
HALF LIFE
HYPERNUCLEI
NUCLEAR FISSION
NUCLEAR RADIATION
PHOTOPRODUCTION
POST-BLAST NUCLEAR RADIATION
RADIOACTIVITY
RADIOGENIC MATERIALS
THERMONUCLEAR REACTIONS
VECTOR CURRENTS

RADIOACTIVE ELEMENTS

USE RADIOACTIVE ISOTOPES

RADIOACTIVE ISOTOPES

UF RADIOACTIVE ELEMENTS
RADIOACTIVE NUCLIDES
RADIONUCLIDES
GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
ASTATINE ISOTOPES
BERYLLIUM 7
BERYLLIUM 9
BERYLLIUM 10
CARBON 14
CERIUM 137
CERIUM 144
CESIUM 134
CESIUM 137
CESIUM 144
COBALT 58
COBALT 60
GOLD 198
INDIUM ISOTOPES
IODINE 125
IODINE 131
IODINE 132
IRON 59
KRYPTON 85
NIObIUM 95
NITROGEN 16
PHOSPHORUS 32
POLONIUM 208
POLONIUM 209
POLONIUM 210
POTASSIUM 38
POTASSIUM 40
RUBIDIUM 86
SODIUM 22
SODIUM 24
STRONTIUM 85
STRONTIUM 88
STRONTIUM 89
STRONTIUM 90
TRANSURANIUM ELEMENTS
AMERICIUM
AMERICIUM ISOTOPES
AMERICIUM 241
BERKELIUM
CALIFORNIUM
CALIFORNIUM ISOTOPES
CURIUM
CURIUM ISOTOPES
CURIUM 242
CURIUM 244
EINSTEINIUM
FERMIUM
LAWRENCIUM
MENDELEVIUM
NEPTUNIUM
NEPTUNIUM ISOTOPES
NOBELIUM
PLUTONIUM
PLUTONIUM ISOTOPES
PLUTONIUM 238
PLUTONIUM 239
PLUTONIUM 240
PLUTONIUM 241
PLUTONIUM 244
SERGENIUM
TRITIUM
URANIUM 232
URANIUM 233
URANIUM 238
XENON 133
XENON 135
ZIRCONIUM 95
RT ACTINIDE SERIES
ARSENIC ISOTOPES

RADIOACTIVE ISOTOPES--(cont.)

GOLD ISOTOPES
ISOTOPE EFFECT
ISOTOPIC LABELING
RADIOCARDIOGRAPHY
RADIOISOTOPE BATTERIES
RADIOPHOSPHORS
RHENIUM ISOTOPES

RADIOACTIVE MATERIALS

RT ACTINIDE SERIES
FISSILE FUELS
FISSION PRODUCTS
FISSIONABLE MATERIALS
IONIZING RADIATION
ISOTOPES
MATERIALS
NUCLEAR FISSION
NUCLEAR RADIATION
RADIATION HAZARDS
RADIATION SOURCES
RADIOACTIVE DEBRIS
RADIOACTIVITY
RADIOBIOLOGY
RADIOCHEMISTRY
URANIUM PLASMAS

RADIOACTIVE NUCLIDES

USE RADIOACTIVE ISOTOPES

RADIOACTIVE WASTES

UF NUCLEAR WASTES
GS WASTES
RADIOACTIVE WASTES
RT CONTAMINATION
DECOMMISSIONING
ENVIRONMENT POLLUTION
ENVIRONMENT PROTECTION
ENVIRONMENTAL SURVEYS
FISSION PRODUCTS
HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
NONPOINT SOURCES
PLASMA CORE REACTORS
POISONING (REACTION INHIBITION)
POLLUTION
RADIATION HAZARDS
RADIOACTIVE DEBRIS
RADIOCHEMISTRY
RADIOGENIC MATERIALS
SOLID WASTES
WASTE DISPOSAL

RADIOACTIVITY

RT ACTIVITY
ALPHA PARTICLES
EMISSION
FALLOUT
FISSION PRODUCTS
GAMMA RAYS
GEOCHEMISTRY
GEOPHYSICS
HALF LIFE
IONIZING RADIATION
NUCLEAR RADIATION
PARTICLE PRODUCTION
POST-BLAST NUCLEAR RADIATION
RADIATION
RADIATION HAZARDS
RADIOACTIVE DECAY
RADIOACTIVE MATERIALS
RADIOCHEMISTRY

RADIOBIOLOGY

GS MEDICAL SCIENCE
NUCLEAR MEDICINE
RADIOBIOLOGY
RT ANTIRADIATION DRUGS
BIOLOGY
BIOMAGNETISM
DOSIMETERS
HEALTH PHYSICS
IMMUNOASSAY
IRRADIATION
MEDICINE
NUCLEAR RADIATION
RADIOACTIVE MATERIALS
RADIOCHEMISTRY
RADIOIMMUNOASSAY

RADIOCARDIOGRAPHY

GS BIOENGINEERING
BIOMETRICS
RADIOCARDIOGRAPHY
RT RADIOLOGY

RADIOCARDIOGRAPHY--(cont.)

RADIOACTIVE ISOTOPES

RADIOCHEMICAL SEPARATION

GS RADIOCHEMISTRY
RADIOCHEMICAL SEPARATION
RT CHEMICAL REACTIONS
QUANTITATIVE ANALYSIS
SEPARATION

RADIOCHEMISTRY

UF REACTOR CHEMISTRY
GS RADIOCHEMISTRY
RADIOCHEMICAL SEPARATION
RT CHEMICAL ANALYSIS
CHEMISTRY
IONIZING RADIATION
ISOTOPIC LABELING
NUCLEAR CHEMISTRY
NUCLEAR RADIATION
NUCLEAR RESEARCH
RADIOACTIVE AGE DETERMINATION
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY
RADIOBIOLOGY

RADIOGENIC MATERIALS

RT NUCLEAR REACTIONS
RADIOACTIVE AGE DETERMINATION
RADIOACTIVE DEBRIS
RADIOACTIVE DECAY
RADIOACTIVE WASTES
TRANSMUTATION

RADIOGONIOMETERS

GS MEASURING INSTRUMENTS
GONIOMETERS
RADIOGONIOMETERS
RT RADIO DIRECTION FINDERS

RADIOGRAPHY

UF CINEFLUOROGRAPHY
CINERADIOGRAPHY
GS IMAGERY
RADIOGRAPHY
ANGIOGRAPHY
AUTORADIOGRAPHY
NEUTRON RADIOGRAPHY
TOMOGRAPHY
COMPUTER AIDED TOMOGRAPHY
UROGRAPHY
RT BRAGG ANGLE
CRYSTALLOGRAPHY
FLASH
IRRADIATION
LIXISCOPES
MATERIALS TESTS
METALLOGRAPHY
NONDESTRUCTIVE TESTS
PHOTOGRAPHY
PNEUMOGRAPHY
RADIOLOGY
X RAY ANALYSIS
X RAY APPARATUS
X RAY ASTRONOMY
X RAY DIFFRACTION
X RAY FLUORESCENCE
X RAY IMAGERY
X RAY INSPECTION
X RAY SPECTROSCOPY
X RAY TELESCOPES
X RAY TUBES
X RAYS

RADIOIMMUNOASSAY

GS IMMUNOASSAY
RADIOIMMUNOASSAY
RT ANTIGENS
ASSAYING
BIOCHEMISTRY
IMMUNOLOGY
RADIOBIOLOGY

RADIOISOTOPE BATTERIES

UF ATOMIC BATTERIES
GS ELECTRIC GENERATORS
DIRECT POWER GENERATORS
RADIOISOTOPE BATTERIES
SNAP 7
SNAP 9A
SNAP 11
SNAP 13
SNAP 15
SNAP 17

RADIOISOTOPE BATTERIES--(cont.)

- ... SNAP 19
- ... SNAP 21
- ... SNAP 23
- ... SNAP 27
- ... SNAP 29
- RT ELECTRIC BATTERIES
- FISSION ELECTRIC CELLS
- NUCLEAR AUXILIARY POWER UNITS
- RADIOACTIVE ISOTOPES
- THERMIONIC CONVERTERS
- THERMOELECTRIC GENERATORS

RADIOLOGY

- GS MEDICAL SCIENCE
- ... **RADIOLOGY**
- RT AEROSPACE MEDICINE
- ∞ MEDICINE
- ∞ RADIATION
- RADIOGRAPHY
- X RAY ANALYSIS
- X RAYS

RADIOLYSIS

- GS CHEMICAL REACTIONS
- ... PHOTOCHEMICAL REACTIONS
- ... **RADIOLYSIS**
- DECOMPOSITION
- ... **RADIOLYSIS**
- DISSOCIATION
- ... **RADIOLYSIS**
- RADIATION CHEMISTRY
- ... **RADIOLYSIS**
- RADIATION EFFECTS
- ... **RADIOLYSIS**
- RT PHOTOLYSIS

RADIOMETEOROGRAPHS

- GS MEASURING INSTRUMENTS
- ... METEOROLOGICAL INSTRUMENTS
- ... **RADIOMETEOROGRAPHS**
- RADIO EQUIPMENT
- ... RADIO TRANSMITTERS
- ... **RADIOMETEOROGRAPHS**
- RECORDING INSTRUMENTS
- ... **RADIOMETEOROGRAPHS**
- TRANSMITTERS
- ... RADIO TRANSMITTERS
- ... **RADIOMETEOROGRAPHS**
- RT RADIO TELEMETRY
- RADIOSONDES

RADIOMETERS

- GS MEASURING INSTRUMENTS
- ... RADIATION MEASURING INSTRUMENTS
- ... ACTINOMETERS
- ... **RADIOMETERS**
- ... DICKE RADIOMETERS
- ... INFRARED DETECTORS
- ... INFRARED RADIOMETERS
- ... INFRARED SCANNERS
- ... MICROWAVE RADIOMETERS
- ... PASSIVE L-BAND RADIOMETERS
- ... PRESSURE MODULATOR
- ... RADIOMETERS
- ... SPECTRORADIOMETERS
- RT BOLOMETERS
- FOREST FIRE DETECTION
- HORIZON SCANNERS
- INFRARED PHOTOGRAPHY
- INFRARED TRACKING
- KNUDSEN GAGES
- PHOTOMETERS
- PYRANOMETERS
- RADIOMETRIC RESOLUTION
- SPECTROPHOTOMETERS
- THERMISTORS
- ULTRAVIOLET DETECTORS
- X RAY DETECTORS

RADIOMETRIC CORRECTION

- UF RADIOMETRIC RECTIFICATION
- RT IMAGE ENHANCEMENT
- INFRARED RADIOMETERS
- MULTISPECTRAL BAND SCANNERS
- VEGETATIVE INDEX

RADIOMETRIC RECTIFICATION

- USE RADIOMETRIC CORRECTION

RADIOMETRIC RESOLUTION

- GS RESOLUTION
- ... **RADIOMETRIC RESOLUTION**
- RT MULTISPECTRAL BAND SCANNERS
- RADIOMETERS

RADIOMETRIC RESOLUTION--(cont.)

- REMOTE SENSORS
- SPECTRAL RESOLUTION

RADIONUCLIDES

- USE RADIOACTIVE ISOTOPES

RADIOPATHOLOGY

- GS MEDICAL SCIENCE
- ... **RADIOPATHOLOGY**
- RT ANTIRADIATION DRUGS
- NUCLEAR MEDICINE
- RADIATION SICKNESS

RADIOPHOSPHORS

- GS PHOSPHORS
- ... **RADIOPHOSPHORS**
- RT RADIOACTIVE ISOTOPES

RADIOPROTECTIVE AGENTS

- USE ANTIRADIATION DRUGS

RADIOSENSITIVITY

- USE RADIATION TOLERANCE

RADIOSONDES

- GS MEASURING INSTRUMENTS
- ... METEOROLOGICAL INSTRUMENTS
- ... **RADIOSONDES**
- ... ENDORADIOSONDES
- ... IONOSONDES
- ... RAWINSONDES
- ... SONDES
- ... **RADIOSONDES**
- ... ENDORADIOSONDES
- ... IONOSONDES
- ... RAWINSONDES
- RADIO EQUIPMENT
- ... RADIO TRANSMITTERS
- ... **RADIOSONDES**
- ... ENDORADIOSONDES
- ... IONOSONDES
- ... RAWINSONDES
- TRANSMITTERS
- ... RADIO TRANSMITTERS
- ... **RADIOSONDES**
- ... ENDORADIOSONDES
- ... IONOSONDES
- ... RAWINSONDES
- RT ARCAS ROCKET VEHICLES
- BALLOON SOUNDING
- BALLOON-BORNE INSTRUMENTS
- DROPSONDES
- METEOROLOGICAL BALLOONS
- RADIO METEOROLOGY
- RADIO TELEMETRY
- RADIOMETEOROGRAPHS
- ROBIN BALLOONS
- SATELLITE SOUNDING
- SOUNDING ROCKETS

RADIOTELEPHONES

- GS RADIO EQUIPMENT
- ... RADIO TRANSMITTERS
- ... **RADIOTELEPHONES**
- RECEIVERS
- ... **RADIOTELEPHONES**
- TELECOMMUNICATION
- ... **RADIOTELEPHONES**
- TELEPHONES
- ... **RADIOTELEPHONES**
- TRANSMITTERS
- ... RADIO TRANSMITTERS
- ... **RADIOTELEPHONES**
- RT ECHO SUPPRESSORS
- RADIO COMMUNICATION
- TELEPHONY
- VOICE COMMUNICATION

RADIOTHERAPY

- USE RADIATION THERAPY

RADIUM

- GS CHEMICAL ELEMENTS
- ... ACTINIDE SERIES
- ... **RADIUM**
- ... RADIUM ISOTOPES
- ... RADIUM 226
- METALS
- ... ACTINIDE SERIES
- ... **RADIUM**
- ... RADIUM ISOTOPES
- ... RADIUM 226

RADIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- ... ACTINIDE SERIES
- ... **RADIUM**
- ... **RADIUM ISOTOPES**
- ... RADIUM 226
- ... NUCLIDES
- ... ISOTOPES
- ... **RADIUM ISOTOPES**
- ... RADIUM 226
- METALS
- ... ACTINIDE SERIES
- ... **RADIUM**
- ... **RADIUM ISOTOPES**
- ... RADIUM 226

RADIUM 226

- GS CHEMICAL ELEMENTS
- ... ACTINIDE SERIES
- ... **RADIUM**
- ... RADIUM ISOTOPES
- ... **RADIUM 226**
- ... NUCLIDES
- ... ISOTOPES
- ... RADIUM ISOTOPES
- ... **RADIUM 226**
- METALS
- ... ACTINIDE SERIES
- ... **RADIUM**
- ... RADIUM ISOTOPES
- ... **RADIUM 226**

RADIUS

- USE RADII

RADOME MATERIALS

- GS DIELECTRICS
- ... **RADOME MATERIALS**
- RT ELECTROMAGNETIC WAVE
- TRANSMISSION
- ∞ MATERIALS
- RADAR TRANSMISSION
- RADIO TRANSMISSION
- RADOMES
- TRANSPARENCE

RADOMES

- GS HOUSINGS
- ... **RADOMES**
- SHELLS (STRUCTURAL FORMS)
- ... DOMES (STRUCTURAL FORMS)
- ... **RADOMES**
- RT INFLATABLE STRUCTURES
- PROTUBERANCES
- RADANT
- RADAR ANTENNAS
- RADAR EQUIPMENT
- RADOME MATERIALS

RADON

- GS CHEMICAL ELEMENTS
- ... RARE GASES
- ... **RADON**
- ... RADON ISOTOPES
- GASES
- ... RARE GASES
- ... **RADON**
- ... RADON ISOTOPES

RADON ISOTOPES

- UF THORON
- GS CHEMICAL ELEMENTS
- ... NUCLIDES
- ... ISOTOPES
- ... **RADON ISOTOPES**
- ... RARE GASES
- ... **RADON**
- ... **RADON ISOTOPES**
- GASES
- ... RARE GASES
- ... **RADON**
- ... **RADON ISOTOPES**

RADUGA SATELLITE

- GS ARTIFICIAL SATELLITES
- ... COMMUNICATION SATELLITES
- ... **RADUGA SATELLITE**
- ... SOVIET SATELLITES
- ... **RADUGA SATELLITE**

RAE B

- USE EXPLORER 49 SATELLITE

RAE 1
USE EXPLORER 49 SATELLITE

RAE 2
USE EXPLORER 49 SATELLITE

RAE-1
USE EXPLORER 38 SATELLITE

RAFTS
GS **RAFTS**
 . LIFE RAFTS
RT FLOATS
LIFEBOATS
SURVIVAL EQUIPMENT

RAIL TRANSPORTATION
UF RAILROADS
GS TRANSPORTATION
 RAIL TRANSPORTATION
RT AUTOMATED GUIDEWAY TRANSIT VEHICLES
AUTOMATED TRANSIT VEHICLES
LOCOMOTIVES
MAGNETIC LEVITATION VEHICLES
MARINE TRANSPORTATION
RAILS
RAPID TRANSIT SYSTEMS
SURFACE VEHICLES
URBAN TRANSPORTATION

RAILGUN ACCELERATORS
RT ∞ ACCELERATORS
HYPERVELOCITY GUNS
HYPERVELOCITY LAUNCHERS
MASS DRIVERS
NUCLEAR FUSION
PARTICLE ACCELERATORS
SPACECRAFT LAUNCHING

RAILROAD HUMMING TESTS
RT CARGO
IMPACT ACCELERATION
MATERIALS HANDLING
SHOCK TESTS
∞ TESTS

RAILROADS
USE RAIL TRANSPORTATION

RAILS
RT RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
SURFACE VEHICLES

RAIN
GS PRECIPITATION (METEOROLOGY)
 . **RAIN**
 . . ACID RAIN
RT AQUIFERS
CLOUD SEEDING
CONDENSATION NUCLEI
FLOOD PREDICTIONS
HYDROLOGY
HYDROLOGY MODELS
LIMNOLOGY
RAINBOWS
RAINDROPS
RAINSTORMS
∞ SHOWERS
THUNDERSTORMS
WATERSHEDS

RAIN EROSION
GS EROSION
 . **RAIN EROSION**
RT LANDSLIDES
MUD
SANDS
SOIL EROSION

RAIN FORESTS
GS RESOURCES
 . EARTH RESOURCES
 . . FORESTS
 . . . **RAIN FORESTS**
RT CANOPIES (VEGETATION)
GEOBOTANY
PLANTS (BOTANY)
∞ SHOWERS
TROPICAL REGIONS
VEGETATION

RAIN GAGES
UF PLUVIOGRAPHS
GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . **RAIN GAGES**

RAIN IMPACT DAMAGE
GS DAMAGE
 . IMPACT DAMAGE
 . . **RAIN IMPACT DAMAGE**
RT ARROYOS
EROSION
SOIL EROSION
WATER EROSION

RAINBOWS
GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . DIFFRACTION PATTERNS
 . . . **RAINBOWS**
RT HALOS
LIGHT TRANSMISSION
RAIN

RAINDROPS
GS PARTICLES
 . DROPS (LIQUIDS)
 . . **RAINDROPS**
RT DROP SIZE
FALLING SPHERES
RAIN
RAINMAKING

RAINMAKING
GS WEATHER MODIFICATION
 . **RAINMAKING**
RT CLIMATOLOGY
CLOUD SEEDING
PRECIPITATION (METEOROLOGY)
RAINDROPS
WATER RESOURCES

RAINSTORMS
GS STORMS
 . STORMS (METEOROLOGY)
 . . **RAINSTORMS**
 . . . THUNDERSTORMS
RT ACID RAIN
FLOOD CONTROL
FLOOD PREDICTIONS
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAIN
∞ SHOWERS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
TORNADOES

∞ **RAKES**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT PRESSURE SENSORS
SLOPES

∞ **RAM**
SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT ANTIRADAR COATINGS
RAMS (PRESSES)
RAMS (PUMPS)

RAM B LAUNCH VEHICLE
GS LAUNCH VEHICLES
 . **RAM B LAUNCH VEHICLE**
 . . ROCKET VEHICLES
 . . . MULTISTAGE ROCKET VEHICLES
 . . . **RAM B LAUNCH VEHICLE**
RT SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE

RAM PROJECT
USE RADIO ATTENUATION MEASUREMENT PROJECT

RAMAN EFFECT
USE RAMAN SPECTRA

RAMAN LASERS
GS STIMULATED EMISSION DEVICES
 . LASERS
 . . **RAMAN LASERS**

RAMAN SCATTERING
USE RAMAN SPECTRA

RAMAN SPECTRA
UF RAMAN EFFECT
RAMAN SCATTERING
GS SCATTERING
 . WAVE SCATTERING
 . . ELECTROMAGNETIC SCATTERING
 . . . **RAMAN SPECTRA**
 . . . SPECTRA
 . . . MOLECULAR SPECTRA
 . . . **RAMAN SPECTRA**
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . **RAMAN SPECTRA**
RT ABSORPTION SPECTRA
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR ROTATION
NONLINEAR OPTICS
VIBRATIONAL SPECTRA

RAMAN SPECTROSCOPY
UF COHERENT ANTI-STOKES RAMAN SPECTROSCOPY
GS SPECTROSCOPY
 . MOLECULAR SPECTROSCOPY
 . . **RAMAN SPECTROSCOPY**
RT ASTRONOMICAL SPECTROSCOPY
INFRARED SPECTROSCOPY
LINE SPECTRA
OPTOGALVANIC SPECTROSCOPY
RAYLEIGH SCATTERING
SPECTROSCOPIC ANALYSIS

RAMJET ENGINES
UF ATHODYDS
GS ENGINES
 . AIR BREATHING ENGINES
 . . GAS TURBINE ENGINES
 . . . JET ENGINES
 . . . **RAMJET ENGINES**
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 INTERNAL COMBUSTION ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 **RAMJET ENGINES**
 INTEGRAL ROCKET RAMJETS
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
 TURBINE ENGINES
 GAS TURBINE ENGINES
 JET ENGINES
 **RAMJET ENGINES**
 LOW VOLUME RAMJET ENGINES
 PULSEJET ENGINES
 SUPERSONIC COMBUSTION
 RAMJET ENGINES
 TURBORAMJET ENGINES
RT DUMP COMBUSTORS
HYDROGEN FUELS
METEOR 1 ROCKET VEHICLE
NAVAHO MISSILE
SUPERSONIC LOW ALTITUDE MISSILE
TURBOJET ENGINES

RAMJET MISSILES
GS MISSILES
 . **RAMJET MISSILES**
 . . NAVAHO MISSILE
 . . . SUPERSONIC LOW ALTITUDE MISSILE
RT AIR TO AIR MISSILES
ANTI-AIRCRAFT MISSILES
SUPERSONIC COMBUSTION RAMJET ENGINES
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES

RAMF FUNCTIONS
GS FUNCTIONS (MATHEMATICS)
 . **RAMF FUNCTIONS**
RT DYNAMIC RESPONSE
∞ FREQUENCY RESPONSE
∞ RAMPS
 . REACTION TIME

RAMP FUNCTIONS--(cont.)

SLOPES
STEP FUNCTIONS

∞ RAMPS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT RAMP FUNCTIONS
RAMPS (STRUCTURES)

RAMPS (STRUCTURES)

RT BRIDGES (STRUCTURES)
CROSSINGS
HIGHWAYS
INTAKE SYSTEMS
INTERSECTIONS
∞ PARKING
∞ RAMPS
SLOPES
WHEELCHAIRS

RAMS (PRESSES)

GS PRESSES
RT *. RAMS (PRESSES)*
HAMMERS
PLATENS
PLUNGERS
∞ RAM

RAMS (PUMPS)

GS PUMPS
RT *. RAMS (PUMPS)*
PLUNGERS
∞ RAM
WATER HAMMER

RAMSAUER EFFECT

RT ∞ EFFECTS
ELECTRON SCATTERING
∞ INTERFERENCE
NEGATIVE RESISTANCE DEVICES
RARE GASES
SCATTERING CROSS SECTIONS

RAND PROJECT

GS PROGRAMS
PROJECTS
RT *. RAND PROJECT*
OPERATIONS RESEARCH

RANDOM ACCESS

RT ALOHA SYSTEM
COMPUTER STORAGE DEVICES
INPUT/OUTPUT ROUTINES
RANDOM ACCESS MEMORY
RANDOM PROCESSES
VSAT (NETWORK)

RANDOM ACCESS MEMORY

GS COMPUTER STORAGE DEVICES
RT *. RANDOM ACCESS MEMORY*
CORE STORAGE
RANDOM ACCESS

RANDOM DISTRIBUTIONS

USE STATISTICAL DISTRIBUTIONS

RANDOM ERRORS

GS ERRORS
RT *. RANDOM ERRORS*
BCH CODES
∞ DISPERSION
PROBABILITY THEORY
QUALITY CONTROL
SAMPLING
STOCHASTIC PROCESSES

RANDOM LOADS

GS LOADS (FORCES)
RT *. RANDOM LOADS*
GUST LOADS
CONTACT LOADS
DYNAMIC LOADS
IMPACT LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
TRANSIENT LOADS
VARIABLE AMPLITUDE LOADING

RANDOM NOISE

UF GAUSSIAN NOISE
GS *. RANDOM NOISE*
RANDOM SIGNALS

RANDOM NOISE--(cont.)

RT BACKGROUND NOISE
CHANNEL NOISE
COMMUNICATION THEORY
ELECTROMAGNETIC NOISE
∞ NOISE
NOISE (SOUND)
NOISE GENERATORS
NOISE SPECTRA
PROBABILITY THEORY
PSEUDONOISE
SIGNAL TO NOISE RATIOS
STOCHASTIC PROCESSES
WHITE NOISE

RANDOM NUMBERS

RT MATHEMATICAL TABLES
∞ NUMBERS
PSEUDORANDOM SEQUENCES

RANDOM PROCESSES

GS STOCHASTIC PROCESSES
RT *. RANDOM PROCESSES*
RANDOM WALK
COMMUNICATION THEORY
INFORMATION THEORY
INTERMITTENCY
MARKOV PROCESSES
MONTE CARLO METHOD
RANDOM ACCESS
STATISTICAL ANALYSIS

RANDOM SAMPLING

GS SAMPLING
RT *. RANDOM SAMPLING*
QUALITY CONTROL

RANDOM SIGNALS

GS RANDOM NOISE
RT *. RANDOM SIGNALS*
NOISE SPECTRA
SIGNAL TO NOISE RATIOS
∞ SIGNALS
STOCHASTIC PROCESSES

RANDOM VARIABLES

RT FUNCTIONS (MATHEMATICS)
SHANNON-WIENER MEASURE
∞ STATISTICS
∞ VARIABLE

RANDOM VIBRATION

GS VIBRATION
RT *. RANDOM VIBRATION*
BENDING VIBRATION
FLUTTER
FORCED VIBRATION
LATTICE VIBRATIONS
LINEAR VIBRATION
MISSILE VIBRATION
NOISE (SOUND)
SELF INDUCED VIBRATION
STRUCTURAL VIBRATION
TORSIONAL VIBRATION

RANDOM WALK

GS STOCHASTIC PROCESSES
RT *. RANDOM PROCESSES*
RANDOM WALK
MARKOV CHAINS
MONTE CARLO METHOD

∞ RANGE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DISTANCE
ORBITAL POSITION ESTIMATION
RANGE (EXTREMES)
RANGES (FACILITIES)

RANGE (EXTREMES)

UF EXTREMA
GUMBEL THEORY
GS *. RANGE (EXTREMES)*
DYNAMIC RANGE
FREQUENCY RANGES
OCTAVES
RADIO RANGE
SUBAUDIBLE FREQUENCIES
PROPORTIONAL LIMIT
ROCHE LIMIT
RT CONFIDENCE LIMITS
CONSTRAINTS

RANGE (EXTREMES)--(cont.)

DISTANCE
DOMAINS
DYNAMIC CHARACTERISTICS
ERRORS
FUNCTIONS (MATHEMATICS)
HETEROGENEITY
HORIZON
INTEGRAL EQUATIONS
∞ LIMITS
MAXIMA
MEAN
MINIMA
OPTIMIZATION
QUALITY CONTROL
∞ RANGE
SENSITIVITY
STANDARD DEVIATION
STATISTICAL TESTS
TOLERANCES (MECHANICS)
TOLERANCES (PHYSIOLOGY)
∞ TRAVEL
VARIABILITY
VARIANCE (STATISTICS)

RANGE AND RANGE RATE TRACKING

GS DISTANCE
RT *. RANGE AND RANGE RATE TRACKING*
RADAR
TRACKING (POSITION)
GLOBAL TRACKING NETWORK
MISSILE TRACKING
NORTH AMERICAN SEARCH AND
RANGING RADAR
OPTICAL TRACKING
RADAR TRACKING
RADIO TRACKING
SATELLITE TRACKING
STDN (NETWORK)

RANGE CONTROL

USE TRAJECTORY CONTROL

RANGE ERRORS

SN (EXCLUDES ERRORS IN DISTANCE
TRAVELED--LIMITED TO ERRORS IN
DISTANCE MEASUREMENT)
GS ERRORS
RT *. RANGE ERRORS*
ACCURACY
BORESIGHT ERROR
DISTANCE MEASURING EQUIPMENT
ERROR ANALYSIS
ERROR SIGNALS

RANGE FINDERS

UF RANGE INDICATORS
GS MEASURING INSTRUMENTS
DISTANCE MEASURING EQUIPMENT
RT *. RANGE FINDERS*
OPTICAL RANGE FINDERS
LASER RANGE FINDERS
ALTIMETERS
FIRE CONTROL
GEODIMETERS
LASER RANGER/TRACKER
LUNAR RANGEFINDING
NAVIGATION AIDS
POSITION INDICATORS
RADAR EQUIPMENT
RANGEFINDING
SOUND LOCALIZATION
SPACE PERCEPTION
STADIMETERS
TELLUROMETERS

RANGE INDICATORS

USE RANGE FINDERS

RANGE MEASUREMENT

USE RANGEFINDING

RANGE RESOURCES

GS RESOURCES
EARTH RESOURCES
RT *. RANGE RESOURCES*

RANGE SAFETY

GS SAFETY
RT *. RANGE SAFETY*
AEROSPACE SAFETY
IMPACT PREDICTION
MISSILE RANGES

RANGE SAFETY--(cont.)

TEST RANGES
TRAJECTORY CONTROL

RANGEFINDING

UF RANGE MEASUREMENT
RANGING
GS **RANGEFINDING**
AIRBORNE RANGE AND ORBIT
DETERMINATION
LUNAR RANGEFINDING
SOUND RANGING
RT BALLISTIC CAMERAS
LASER RANGER/TRACKER
MAROTS (ESA)
MEASUREMENT
RADAR MEASUREMENT
RADAR TRACKING
RADIO TRACKING
RANGE FINDERS
TRACKING (POSITION)

RANGELANDS

GS LAND
RT **RANGELANDS**
CATTLE
GRASSLANDS
GRAZING
LIVESTOCK
RURAL AREAS
RURAL LAND USE

RANGEMASTER AIRCRAFT

USE G-1 AIRCRAFT

RANGER BLOCK 3 TELEVISION SYSTEM

GS COMMUNICATION EQUIPMENT
SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION
SYSTEM
TELECOMMUNICATION
SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION
SYSTEM
TELEVISION SYSTEMS
SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION
SYSTEM
RT SYSTEMS

RANGER LUNAR LANDING VEHICLES

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RT BE-3 ENGINE
VEHICLES

RANGER LUNAR PROBES

UF RANGER SATELLITES
GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE

RANGER LUNAR PROBES--(cont.)

RT RANGER 9 LUNAR PROBE
ATLAS AGENA B LAUNCH VEHICLE

RANGER PROJECT

GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
RANGER PROJECT
AGENA B RANGER PROGRAM
PROJECTS
RANGER PROJECT
AGENA B RANGER PROGRAM
SPACE PROGRAMS
NASA SPACE PROGRAMS
RANGER PROJECT
AGENA B RANGER PROGRAM
AGENA B ROCKET VEHICLE
AGENA ROCKET VEHICLES
ATLAS LAUNCH VEHICLES
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
LUNAR PROBES

RANGER SATELLITES

USE RANGER LUNAR PROBES

RANGER 1 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 1 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 1 LUNAR PROBE

RANGER 2 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 2 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 2 LUNAR PROBE

RANGER 3 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 3 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 3 LUNAR PROBE

RANGER 4 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 4 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 4 LUNAR PROBE
RT ATLAS AGENA B LAUNCH VEHICLE

RANGER 5 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 5 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 5 LUNAR PROBE

RANGER 6 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 6 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 6 LUNAR PROBE

RANGER 7 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 7 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 7 LUNAR PROBE

RANGER 8 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 8 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 8 LUNAR PROBE

RANGER 9 LUNAR PROBE

GS LUNAR SPACECRAFT
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 9 LUNAR PROBE
UNMANNED SPACECRAFT
SPACE PROBES
LUNAR PROBES
RANGER LUNAR PROBES
RANGER 9 LUNAR PROBE

RANGES (FACILITIES)

GS RANGES (FACILITIES)
TEST RANGES
BALLISTIC RANGES
MISSILE RANGES
RT RADIO BEACONS
RANGE

RANGING

USE RANGEFINDING

RANK TESTS

GS STATISTICAL ANALYSIS
STATISTICAL TESTS
RANK TESTS
RT TESTS

RANKINE CYCLE

GS CYCLES
THERMODYNAMIC CYCLES
RANKINE CYCLE
RT ASTEC SOLAR TURBOELECTRIC
GENERATOR
BRAYTON CYCLE
CARNOT CYCLE
LASER PROPULSION
OTTO CYCLE
SOLAR DYNAMIC POWER SYSTEMS
SOLAR GENERATORS
THERMODYNAMICS

RANKINE-HUGONOT RELATION

RT AEROTHERMODYNAMICS
DENSITY
PRESSURE GRADIENTS
SHOCK WAVE PROPAGATION

RANKING

RT ARRAYS
COMPARISON
EVALUATION
RATINGS
SELECTION
SEQUENCING
VALUE

RAOULT LAW

RT COMPOSITION (PROPERTY)
HENRY LAW
PARTIAL PRESSURE
SOLUTIONS
VAPOR PRESSURE

RAPCON (CONTROL)

USE RADAR APPROACH CONTROL

RAPID BALLISTICS IDENTIFICATION

GS IDENTIFYING
RAPID BALLISTICS IDENTIFICATION
RT DISPLAY DEVICES
IMAGING TECHNIQUES

RAPID BALLISTICS IDENTIFICATION--(cont.)

LASER APPLICATIONS
LASERS
MEASURING INSTRUMENTS
PHOTOGRAPHY
SCANNING
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

RAPID EYE MOVEMENT STATE

UF DESYNCHRONIZED SLEEP
REMS
RT DREAMS
EYE MOVEMENTS
SLEEP

RAPID QUENCHING (METALLURGY)

UF RAPID SOLIDIFICATION
RT CRYSTAL GROWTH
CRYSTAL LATTICES
CRYSTAL STRUCTURE
∞ METALLURGY
∞ QUENCHING

RAPID SOLIDIFICATION

USE RAPID QUENCHING (METALLURGY)
SOLIDIFICATION

RAPID TRANSIT SYSTEMS

UF HIGH SPEED TRANSPORTATION
GS TRANSPORTATION
RT RAPID TRANSIT SYSTEMS
AIR TRANSPORTATION
AUTOMATED GUIDEWAY TRANSIT
VEHICLES
AUTOMATED TRANSIT VEHICLES
CARGO
GROUND EFFECT MACHINES
HIGHWAYS
LOGISTICS
PASSENGERS
RAIL TRANSPORTATION
RAILS
ROADS
∞ SYSTEMS
∞ TRANSPORT VEHICLES
TRANSPORTATION NETWORKS
URBAN TRANSPORTATION

RAPIDS

RT MEANDERS
RIVER BASINS
RIVERS
STREAMS
WATER CURRENTS
WATER FLOW

RARE EARTH ALLOYS

GS ALLOYS
RARE EARTH ALLOYS
ERBIUM ALLOYS
GADOLINIUM ALLOYS
LANTHANUM ALLOYS
NEODYMIUM ALLOYS
RT YTTRIUM ALLOYS

RARE EARTH COMPOUNDS

GS RARE EARTH COMPOUNDS
CERIUM COMPOUNDS
BASTNASITE
CERIUM OXIDES
DYSPROSIUM COMPOUNDS
ERBIUM COMPOUNDS
EUROPIUM COMPOUNDS
LANTHANUM TELLURIDES
LUTETIUM COMPOUNDS
NEODYMIUM COMPOUNDS
PRASEODYMIUM COMPOUNDS
SAMARIUM COMPOUNDS
SCANDIUM COMPOUNDS
SCANDIUM OXIDES
TERBIUM COMPOUNDS
THULIUM COMPOUNDS
YTTERBIUM COMPOUNDS
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 3B COMPOUNDS
∞ METAL COMPOUNDS

RARE EARTH ELEMENTS

UF LANTHANIDE SERIES METALS
GS CHEMICAL ELEMENTS
RARE EARTH ELEMENTS
CERIUM
CERIUM ISOTOPES
CERIUM 137

RARE EARTH ELEMENTS--(cont.)

CERIUM 144
DYSPROSIUM
DYSPROSIUM ISOTOPES
ERBIUM
ERBIUM ISOTOPES
EUROPIUM
EUROPIUM ISOTOPES
GADOLINIUM
GADOLINIUM ISOTOPES
HOLMIUM
HOLMIUM ISOTOPES
LANTHANUM
LANTHANUM ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
NEODYMIUM
NEODYMIUM ISOTOPES
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
PROMETHIUM
PROMETHIUM ISOTOPES
SAMARIUM
SAMARIUM ISOTOPES
SCANDIUM
SCANDIUM ISOTOPES
TERBIUM
TERBIUM ISOTOPES
THULIUM
THULIUM ISOTOPES
YTTERBIUM
YTTERBIUM ISOTOPES
YTTRIUM
YTTRIUM ISOTOPES

METALS**RARE EARTH ELEMENTS**

CERIUM
CERIUM ISOTOPES
CERIUM 137
CERIUM 144
DYSPROSIUM
DYSPROSIUM ISOTOPES
ERBIUM
ERBIUM ISOTOPES
EUROPIUM
EUROPIUM ISOTOPES
GADOLINIUM
GADOLINIUM ISOTOPES
HOLMIUM
HOLMIUM ISOTOPES
LANTHANUM
LANTHANUM ISOTOPES
LUTETIUM
LUTETIUM ISOTOPES
NEODYMIUM
NEODYMIUM ISOTOPES
PRASEODYMIUM
PRASEODYMIUM ISOTOPES
PROMETHIUM
PROMETHIUM ISOTOPES
SAMARIUM
SAMARIUM ISOTOPES
SCANDIUM
SCANDIUM ISOTOPES
TERBIUM
TERBIUM ISOTOPES
THULIUM
THULIUM ISOTOPES
YTTERBIUM
YTTERBIUM ISOTOPES
YTTRIUM
YTTRIUM ISOTOPES

RT ALKALI VAPOR LAMPS
KREEP
NEODYMIUM LASERS
TRANSITION METALS

∞ RARE GAS COMPOUNDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ∞ CHEMICAL COMPOUNDS
EXCIMER LASERS
EXCIMERS
HELIUM COMPOUNDS
XENON COMPOUNDS

RARE GAS-HALIDE LASERS

GS STIMULATED EMISSION DEVICES
LASERS
RARE GAS-HALIDE LASERS
KRYPTON FLUORIDE LASERS
XENON CHLORIDE LASERS
XENON FLUORIDE LASERS
RT COHERENT LIGHT

RARE GAS-HALIDE LASERS--(cont.)

GAS LASERS
LASER PUMPING
LASING
LIGHT BEAMS
OPTICAL PUMPING
STIMULATED EMISSION

RARE GASES

UF INERT GASES
NOBLE GASES
GS CHEMICAL ELEMENTS
RARE GASES
ARGON
ARGON ISOTOPES
HELIUM
HELIUM ISOTOPES
LIQUID HELIUM
LIQUID HELIUM 2
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85
NEON
LIQUID NEON
NEON ISOTOPES
RADON
RADON ISOTOPES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135

GASES**RARE GASES**

ARGON
ARGON ISOTOPES
HELIUM
HELIUM ISOTOPES
LIQUID HELIUM
LIQUID HELIUM 2
KRYPTON
KRYPTON ISOTOPES
KRYPTON 85
NEON
LIQUID NEON
NEON ISOTOPES
RADON
RADON ISOTOPES
XENON
XENON ISOTOPES
XENON 129
XENON 133
XENON 135

RT MONATOMIC GASES
NONPOLAR GASES
RAMSAUER EFFECT

RAREFACTION

RT ANTINODES
COMPRESSING
ELASTIC WAVES
EXPANSION
VACUUM

RAREFACTION WAVES

USE ELASTIC WAVES

RAREFIED GAS DYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
RAREFIED GAS DYNAMICS
RT ATOMIC BEAMS
BGK MODEL
CHAPMAN-ENSKOG THEORY
CONTINUUM FLOW
∞ DYNAMICS
FREE MOLECULAR FLOW
KNUDSEN FLOW
LOW DENSITY FLOW
LOW DENSITY WIND TUNNELS
MOLECULAR BEAMS
MOLECULAR FLOW
PLASMAS (PHYSICS)
SLIP FLOW
TRANSITION FLOW

RAREFIED GASES

UF LOW DENSITY GASES
GASES
GS RAREFIED GASES
COSMIC GASES
INTERPLANETARY GAS
INTERSTELLAR GAS
RT ELECTRON GAS

RAREFIED GASES--(cont.)

FREE MOLECULAR FLOW
GAS DENSITY
GAS TEMPERATURE
HIGH TEMPERATURE GASES
LOW DENSITY FLOW
LOW DENSITY RESEARCH
MOLECULAR GASES

RAREFIED PLASMAS

GS GASES
RAREFIED PLASMAS
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
RAREFIED PLASMAS
RT CATHODE GLOW
COLD PLASMAS
COLLISIONLESS PLASMAS
ELECTRON PLASMA
NONUNIFORM PLASMAS

RASERS

USE MASERS

RASTER SCANNING

GS IMAGING TECHNIQUES
RASTER SCANNING
SCANNING
RASTER SCANNING
RT CATHODE RAY TUBES
COMPUTER GRAPHICS
DISPLAY DEVICES
IMAGE PROCESSING
IMAGES
PICTURE TUBES
TELEVISION CAMERAS

RATE METERS

USE MEASURING INSTRUMENTS

RATE OF CLIMB INDICATORS

GS AIRCRAFT INSTRUMENTS
RATE OF CLIMB INDICATORS
RT ALTIMETERS
FLIGHT INSTRUMENTS
INDICATORS

RATES (PER TIME)

GS RATES (PER TIME)
ACCELERATION (PHYSICS)
ANGULAR ACCELERATION
DECELERATION
SPIN REDUCTION
ELECTRON ACCELERATION
HIGH ACCELERATION
HIGH GRAVITY ENVIRONMENTS
IMPACT ACCELERATION
PARTICLE ACCELERATION
PLASMA ACCELERATION
TRANSVERSE ACCELERATION
ACOUSTIC VELOCITY
AIRSPEED
ANGULAR VELOCITY
BIT ERROR RATE
BURNING RATE
COLLISION PARAMETERS
COLLISION RATES
CRITICAL VELOCITY
DECAY RATES
ELECTRON DECAY RATE
DRIFT RATE
ESCAPE VELOCITY
EVAPORATION RATE
EXHAUST VELOCITY
FLOW VELOCITY
SOLAR WIND VELOCITY
FLUX (RATE)
HEAT FLUX
MAGNETIC FLUX
SOLAR FLUX
FLUX DENSITY
CURRENT DENSITY
PHOTON DENSITY
RADIANT FLUX DENSITY
IRRADIANCE
ILLUMINANCE
SOLAR CONSTANT
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
PARTICLE FLUX DENSITY
ELECTRON FLUX DENSITY

RATES (PER TIME)--(cont.)

NEUTRON FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
SOLAR FLUX DENSITY
SOLAR CONSTANT
SOUND INTENSITY
ZERO SOUND
GROUND SPEED
GROUP VELOCITY
HEART RATE
ARRHYTHMIA
BRADYCARDIA
TACHYCARDIA
HIGH SPEED
HYPERSONIC SPEED
ION PRODUCTION RATES
LANDING SPEED
LIGHT SPEED
LOADING RATE
LOW SPEED
MASS FLOW RATE
ORBITAL VELOCITY
PHASE VELOCITY
PHYSIOLOGICAL ACCELERATION
PROPAGATION VELOCITY
PULSE RATE
PULSE REPETITION RATE
RADIAL VELOCITY
RECOMBINATION COEFFICIENT
RELATIVISTIC VELOCITY
RESPIRATORY RATE
DYSPNEA
HYPOVENTILATION
TACHYPNEA
ROTOR SPEED
SIGNAL FADING RATE
SOLAR VELOCITY
STRAIN ENERGY RELEASE RATE
STRAIN RATE
SUBSONIC SPEED
SUPERSONIC SPEED
SYSTOLE
TERMINAL VELOCITY
TIP SPEED
TRANSMISSION RATE
(COMMUNICATIONS)
TRANSONIC SPEED
WIND VELOCITY
SOLAR WIND VELOCITY
RT ACCESS TIME
MTBF
SOLITARY WAVES
TIME FUNCTIONS
TIME MEASUREMENT
VOLUME

RATINGS

RT ASSESSMENTS
CONSISTENCY
EVALUATION
NORMALIZING (STATISTICS)
PERFORMANCE
POSITION (TITLE)
RANKING

RATIOMETERS

GS MEASURING INSTRUMENTS
RATIOMETERS

RATIONAL FUNCTIONS

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
MEROMORPHIC FUNCTIONS
RATIONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
MEROMORPHIC FUNCTIONS
RATIONAL FUNCTIONS

RATIOS

GS RATIOS
SPACE RATIOS
RT FOOD

RATIOS

UF PERCENTAGE
GS RATIOS
ASPECT RATIO
HIGH ASPECT RATIO
LOW ASPECT RATIO
COMPRESSION RATIO
DIMENSIONLESS NUMBERS
BIOT NUMBER
FROUDE NUMBER

RATIOS--(cont.)

GRASHOF NUMBER
HARTMANN NUMBER
LAVAL NUMBER
LEWIS NUMBERS
MACH NUMBER
MIXING RATIOS
NUSSELT NUMBER
PECLET NUMBER
PRANDTL NUMBER
RAYLEIGH NUMBER
REYNOLDS NUMBER
HIGH REYNOLDS NUMBER
LOW REYNOLDS NUMBER
RICHARDSON NUMBER
SCHMIDT NUMBER
SIMILARITY NUMBERS
STANTON NUMBER
STROUHAL NUMBER
FIBER VOLUME FRACTION
FINENESS RATIO
FUEL-AIR RATIO
INDEXES (RATIOS)
KP INDEX
LEAF AREA INDEX
MORPHOLOGICAL INDEXES
LIFT DRAG RATIO
MASS RATIOS
MASS TO LIGHT RATIOS
MIXING RATIOS
PAYLOAD MASS RATIO
PROPELLANT MASS RATIO
MILLS RATIO
MODULAR RATIOS
PERVEANCE
POISSON RATIO
PRESSURE RATIO
SCALE (RATIO)
SIGNAL TO NOISE RATIOS
STANDING WAVE RATIOS
STRESS RATIO
THICKNESS RATIO
THRUST-WEIGHT RATIO
VOID RATIO
RT DYNAMIC RANGE
EFFICIENCY
FRACTALS
FRACTIONS
PROPORTION
PSYCHOLOGICAL TESTS
REFRACTIVITY
TEMPERATURE RATIO

RATS

GS ANIMALS
VERTEBRATES
MAMMALS
RODENTS
RATS
RT MICE
POCKET MICE

RATSCAT PROGRAM

USE RADAR TARGET SCATTER SITE
PROGRAM

RAVEN HELICOPTER

USE OH-23 HELICOPTER

RAVINES

GS LANDFORMS
RAVINES
RT CANYONS
EROSION
RIVER BASINS
TOPOGRAPHY
VALLEYS
WATER EROSION

RAWINSONDES

GS MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
RADIOSONDES
RAWINSONDES
SONDES
RADIOSONDES
RAWINSONDES
RADIO EQUIPMENT
RADIO TRANSMITTERS
RADIOSONDES
RAWINSONDES
TRANSMITTERS
RADIO TRANSMITTERS
RADIOSONDES
RAWINSONDES

RAWINSONDES--(cont.)

RT DROPSONDES
METEOROLOGICAL BALLOONS
RADAR TRACKING
RADIO TRACKING
WIND MEASUREMENT

RAY ACOUSTICS

USE GEOMETRICAL ACOUSTICS

RAY OPTICS

USE GEOMETRICAL OPTICS

RAY TRACING

RT DIFFRACTION
GEOMETRICAL OPTICS
GEOMETRICAL THEORY OF
DIFFRACTION
GRADIENT INDEX OPTICS
GRAZING INCIDENCE
OPTICAL MEASUREMENT
REFLECTANCE
TRACKING (POSITION)
TRANSMITTANCE

RAYLEIGH DISTRIBUTION

GS FUNCTIONS (MATHEMATICS)
. PROBABILITY DENSITY FUNCTIONS
. . . **RAYLEIGH DISTRIBUTION**
STATISTICAL ANALYSIS
. PROBABILITY DENSITY FUNCTIONS
. . . **RAYLEIGH DISTRIBUTION**
STATISTICAL DISTRIBUTIONS
. **RAYLEIGH DISTRIBUTION**
RT ERROR ANALYSIS
OPERATIONS RESEARCH
RADIAL DISTRIBUTION

RAYLEIGH EQUATIONS

RT ∞ EQUATIONS
FLOW EQUATIONS
HEAT TRANSFER
THERMODYNAMICS

RAYLEIGH NUMBER

GS RATIOS
. DIMENSIONLESS NUMBERS
. . . **RAYLEIGH NUMBER**
RT BENARD CELLS
BUOYANCY
RAYLEIGH-BENARD CONVECTION

RAYLEIGH SCATTERING

GS SCATTERING
. WAVE SCATTERING
. . . ELECTROMAGNETIC SCATTERING
. . . MIE SCATTERING
. . . . **RAYLEIGH SCATTERING**
RT AIRGLOW
GRAY GAS
LIGHT SCATTERING
RAMAN SPECTROSCOPY
SKY

RAYLEIGH WAVES

GS ELASTIC WAVES
. SEISMIC WAVES
. . . **RAYLEIGH WAVES**
RT BAROTROPIC FLOW
FLUID FLOW
S WAVES
TWO DIMENSIONAL FLOW

RAYLEIGH-BENARD CONVECTION

GS CONVECTION
. FREE CONVECTION
. . . **RAYLEIGH-BENARD CONVECTION**
. . . BENARD CELLS
FLUID FLOW
. CONVECTIVE FLOW
. . . **RAYLEIGH-BENARD CONVECTION**
. . . BENARD CELLS
RT CONVECTION CURRENTS
CONVECTION-DIFFUSION EQUATION
CONVECTIVE HEAT TRANSFER
FORCED CONVECTION
HOT SURFACES
LAMINAR FLOW
RAYLEIGH NUMBER
SOLAR CONVECTION (ASTRONOMY)
STELLAR CONVECTION
THERMAL BOUNDARY LAYER

RAYLEIGH-RITZ METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . . APPROXIMATION
. . . . **RAYLEIGH-RITZ METHOD**
RT ∞ METHODOLOGY
VARIATIONAL PRINCIPLES

RAYON

GS FIBERS
. SYNTHETIC FIBERS
. . . **RAYON**
TEXTILES
. **RAYON**

 ∞ **RAYS**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ATMOSPHERIC RADIATION
BACKGROUND NOISE
BEAMS (RADIATION)
CAUSTICS (OPTICS)
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
GAMMA RAYS
LUNAR RAYS
POLARIZED RADIATION
PULSED RADIATION

RAYTHEON COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . **RAYTHEON COMPUTERS**

RAZOR BLADES

GS CUTTERS
. BLADES (CUTTERS)
. . . **RAZOR BLADES**

RB-47 AIRCRAFT

USE B-47 AIRCRAFT

RB-50 AIRCRAFT

UF SUPER FORTRESS AIRCRAFT
GS BOEING AIRCRAFT
. **RB-50 AIRCRAFT**
MONOPLANES
. **RB-50 AIRCRAFT**
OBSERVATION AIRCRAFT
. **RB-50 AIRCRAFT**
RECONNAISSANCE AIRCRAFT
. **RB-50 AIRCRAFT**
RT ∞ AIRCRAFT
BOMBER AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

RB-57 AIRCRAFT

USE B-57 AIRCRAFT

RB-66 AIRCRAFT

USE B-66 AIRCRAFT

RBE

USE RELATIVE BIOLOGICAL EFFECTIVENESS
(RBE)

RC CIRCUITS

UF RC NETWORKS
GS CIRCUITS
. **RC CIRCUITS**
CAPACITANCE
COUPLING CIRCUITS
DISCRIMINATORS
ELECTRIC FILTERS
ELECTRICAL RESISTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
RLC CIRCUITS
TIME CONSTANT
TRANSCONDUCTANCE

RC NETWORKS

USE RC CIRCUITS

RCA COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . **RCA COMPUTERS**

RCA COMPUTERS--(cont.)

. . . RCA SPECTRA 70 COMPUTER
. . . RCA-110 COMPUTERS
RT DATA PROCESSING

RCA SATCOM SATELLITES

GS ARTIFICIAL SATELLITES
. COMMUNICATION SATELLITES
. . . **RCA SATCOM SATELLITES**
COMMERCIAL SPACECRAFT
. **RCA SATCOM SATELLITES**
RT DELTA LAUNCH VEHICLE
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS

RCA SPECTRA 70 COMPUTER

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . DIGITAL COMPUTERS
. . . **RCA SPECTRA 70 COMPUTER**
. . . RCA COMPUTERS
. . . **RCA SPECTRA 70 COMPUTER**

RCA-110 COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. . . RCA COMPUTERS
. . . **RCA-110 COMPUTERS**

RCB STARS

USE R CORONAE BOREALIS STARS

RDY

UF CYCLOTIMETHYLENE TRINITRAMINE
TRINITROTRIAZOCYCLOHEXANE
EXPLOSIVES
GS **RDY**
NITROGEN COMPOUNDS
. AZO COMPOUNDS
. . . **RDY**
ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. . . HETEROCYCLIC COMPOUNDS
. . . **RDY**
PROPELLANTS
. **RDY**
RT PYROTECHNICS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

REACTANCE

GS ELECTRICAL PROPERTIES
. ELECTRICAL IMPEDANCE
. . . **REACTANCE**
IMPEDANCE
. ELECTRICAL IMPEDANCE
. . . **REACTANCE**
RT CAPACITANCE
ELECTRICAL RESISTANCE
FOSTER THEORY
INDUCTANCE
SMITH CHART
TRANSCONDUCTANCE

REACTANCE AMPLIFIERS

USE PARAMETRIC AMPLIFIERS

REACTING FLOW

UF CHEMICALLY REACTING FLOW
GS FLUID FLOW
. **REACTING FLOW**
. . . COMBUSTIBLE FLOW
RT BOUNDARY LAYER COMBUSTION
CHEMICAL REACTIONS
COMBUSTION CHEMISTRY
DETONABLE GAS MIXTURES
FLAME PROPAGATION
 ∞ FLOW
FUEL FLOW
PREMIXED FLAMES
PROPELLANT COMBUSTION
REACTION KINETICS
TURBULENT COMBUSTION
TURBULENT FLOW

 ∞ **REACTION**

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CHEMICAL REACTIONS
HUMAN REACTIONS
IRRITATION
NUCLEAR REACTIONS
THRUST

REACTION BONDING

GS BONDING
 . **REACTION BONDING**
 RT ALUMINUM
 CERAMICS
 CHEMICAL REACTIONS
 MELTING POINTS
 NITROGEN
 OXYGEN
 POWDER METALLURGY
 SIALON
 SILICON
 SILICON NITRIDES
 SINTERING

REACTION CONTROL

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CHEMICAL REACTION CONTROL
 COMBUSTION CONTROL
 ∞ CONTROL
 DIRECTIONAL CONTROL
 MARQUARDT R4D ENGINE
 NUCLEAR REACTOR CONTROL
 REACTOR SAFETY
 THRUST CONTROL

REACTION JET BACKPACKS

USE SELF MANEUVERING UNITS

REACTION JETS

USE JET FLOW
 JET THRUST

REACTION KINETICS

UF CHEMICAL KINETICS
 REACTION RATE
 GS KINETICS
 . **REACTION KINETICS**
 RT AMINO RADICAL
 ASSOCIATION REACTIONS
 AUTOCATALYSIS
 CATALYSIS
 CHEMICAL EQUILIBRIUM
 CHEMICAL REACTIONS
 COMBUSTION CHEMISTRY
 DAMKOHLER NUMBER
 FISCHER-TROPSCH PROCESS
 HALF LIFE
 HEAT OF DISSOCIATION
 INTERSTELLAR CHEMISTRY
 IRREVERSIBLE PROCESSES
 NITROUS ACID
 NUCLEAR REACTIONS
 PRESSURE DEPENDENCE
 REACTING FLOW
 REAGENTS
 SOLVATION

REACTION PRODUCTS

GS PRODUCTS
 . **REACTION PRODUCTS**
 RT ASHES
 BY-PRODUCTS
 COMBUSTION PRODUCTS
 EFFLUENTS
 ENGINES
 EXHAUST GASES
 FUMES
 GASES
 INFRARED SUPPRESSION
 JET ENGINES
 PRECIPITATES
 RESIDUES
 SLAGS
 SLUDGE

REACTION RATE

USE REACTION KINETICS

REACTION TIME

UF REVERSE TIME
 GS TIME
 . **REACTION TIME**
 . . CHRONAXY
 RT ADAPTATION
 CONDITIONED REFLEXES
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 HUMAN REACTIONS
 PERCEPTUAL TIME CONSTANT
 PHYSIOLOGICAL EFFECTS
 PONTRYAGIN PRINCIPLE
 PSYCHOLOGICAL EFFECTS

REACTION TIME--(cont.)

PSYCHOMOTOR PERFORMANCE
 RAMP FUNCTIONS
 REFLEXES
 REFRACTORY PERIOD
 SENSITIVITY
 SENSORIMOTOR PERFORMANCE
 STEP FUNCTIONS
 TIME CONSTANT
 TIME LAG

REACTION WHEELS

UF INERTIA WHEELS
 GS WHEELS
 . **REACTION WHEELS**
 RT ATTITUDE CONTROL
 COUNTER-ROTATING WHEELS
 FLYWHEELS

REACTIVITY

RT CHEMICAL REACTIONS
 INHOUR EQUATION
 NUCLEAR REACTIONS

REACTOR CHEMISTRY

USE RADIOCHEMISTRY

REACTOR CORES

GS CORES
 . **REACTOR CORES**
 RT ANNULAR CORE PULSE REACTORS
 CONTROL RODS
 NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS
 NUCLEAR REACTORS
 ∞ OPERATORS
 PLASMA CORE REACTORS
 REFLECTOMETERS
 REFLECTORS
 VOID RATIO

REACTOR DESIGN

RT ANNULAR CORE PULSE REACTORS
 BLANKETS (FISSION REACTORS)
 BLANKETS (FUSION REACTORS)
 CHEMICAL REACTORS
 COMPUTER AIDED DESIGN
 ∞ DESIGN
 ENGINE DESIGN
 ENGINEERING TEST REACTORS
 HANFORD REACTORS
 HIGH TEMPERATURE NUCLEAR
 REACTORS
 LIMITERS (FUSION REACTORS)
 NUCLEAR REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS
 OFFSHORE REACTOR SITES
 ORGANIC COOLED REACTORS
 PEBBLE BED REACTORS
 PRODUCT DEVELOPMENT

REACTOR FUELS

USE NUCLEAR FUELS

REACTOR IN FLIGHT TEST PROGRAM

USE RIFT (REACTOR IN FLIGHT TEST)

REACTOR MATERIALS

RT ANNULAR CORE PULSE REACTORS
 BLANKETS (FISSION REACTORS)
 BLANKETS (FUSION REACTORS)
 CHEMICAL REACTORS
 ∞ CONSTRUCTION MATERIALS
 COOLANTS
 LIMITERS (FUSION REACTORS)
 LOSS OF COOLANT
 ∞ MATERIALS
 MODERATORS
 NUCLEAR FUEL ELEMENTS
 NUCLEAR FUELS
 NUCLEAR REACTORS
 PRESSURE VESSELS
 RADIATION SHIELDING
 SPENT FUELS

REACTOR PHYSICS

GS NUCLEAR PHYSICS
 . **REACTOR PHYSICS**
 RT ANNULAR CORE PULSE REACTORS
 BETA FACTOR
 HANFORD REACTORS
 INHOUR EQUATION
 NUCLEAR FUEL BURNUP

REACTOR PHYSICS--(cont.)

NUCLEAR REACTORS
 ∞ PHYSICS
 ∞ SCIENCE

REACTOR SAFETY

GS SAFETY
 . **REACTOR SAFETY**
 RT ANNULAR CORE PULSE REACTORS
 CHEMICAL REACTORS
 CONTROL RODS
 EXPLOSIONS
 INDUSTRIAL SAFETY
 NUCLEAR REACTOR CONTROL
 NUCLEAR REACTORS
 OFFSHORE REACTOR SITES
 RADIATION HAZARDS
 ∞ REACTION CONTROL
 RELIEF VALVES
 TRANSIENT REACTOR TEST FACILITY

REACTOR STARTUP TESTS

GS FUEL TESTS
 . **REACTOR STARTUP TESTS**
 RT INITIATION
 NUCLEAR FUELS
 NUCLEAR REACTORS
 STARTING
 ∞ TESTS

REACTOR TECHNOLOGY

GS TECHNOLOGIES
 . **REACTOR TECHNOLOGY**
 RT ANNULAR CORE PULSE REACTORS
 ∞ ENGINEERING
 ENGINEERING TEST REACTORS
 HANFORD REACTORS
 HIGH TEMPERATURE NUCLEAR
 REACTORS
 JOINT EUROPEAN TORUS
 NUCLEAR FUEL BURNUP
 NUCLEAR REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS
 OFFSHORE REACTOR SITES
 ORGANIC COOLED REACTORS
 PEBBLE BED REACTORS
 REVERSE FIELD PINCH

REACTORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANNULAR CORE PULSE REACTORS
 CHEMICAL REACTORS
 ELECTRIC REACTORS
 FAST TEST REACTORS
 FUSION REACTORS
 FUSION-FISSION HYBRID REACTORS
 HIGH TEMPERATURE NUCLEAR
 REACTORS
 MOLTEN SALT NUCLEAR REACTORS
 NUCLEAR REACTORS
 NUCLEAR RESEARCH AND TEST
 REACTORS
 PLASMA CORE REACTORS
 POWER REACTORS
 RIFT (REACTOR IN FLIGHT TEST)
 SNAPTRAN REACTOR
 SPHEROMAKS
 SWIMMING POOL REACTORS
 THERMAL REACTORS
 TOKAMAK DEVICES
 WATER COOLED REACTORS

READ-ONLY MEMORY DEVICES

UF ROM DEVICES
 GS COMPUTER STORAGE DEVICES
 . **READ-ONLY MEMORY DEVICES**
 . . CD-ROM
 RT COMPUTER COMPONENTS
 COMPUTER DESIGN
 COMPUTER SYSTEMS DESIGN
 COMPUTERS

READERS

UF READING MACHINES
 RT CHARACTER RECOGNITION
 CONICAL SCANNING
 ∞ DETECTORS
 MAGNETIC TAPES
 MICROFILMS
 OPTICAL DATA PROCESSING
 OPTICAL SCANNERS
 PATTERN RECOGNITION

READERS--(cont.)

PUNCHED CARDS
PUNCHED TAPES
READING

READING

GS **READING**
 LIP READING
RT CHARACTER RECOGNITION
 CONICAL SCANNING
 DATA TRANSMISSION
 DISPLAY DEVICES
 INPUT
 INTERPRETATION
 LEGIBILITY
 PERCEPTION
 PRINTING
 READERS
 SCANNERS
 SCANNING
 SYMBOLS
 VISIBILITY

READING MACHINES

USE READERS

READJUSTMENT

USE ADJUSTING

READOUT

RT DISPLAY DEVICES
MULTIPLE OUTPUT PROGRAMS
OUTPUT
PRINTERS (DATA PROCESSING)
PRINTOUTS
REMOTE CONSOLES

REAGENTS

RT CATALYSTS
CHEMICAL ANALYSIS
CHEMICAL REACTIONS
REACTION KINETICS

REAL GASES

GS GASES
 REAL GASES
RT EQUATIONS OF STATE
GAS DENSITY
IDEAL GAS
KINETIC THEORY
MOLECULAR GASES
MONATOMIC GASES

REAL NUMBERS

GS **REAL NUMBERS**
 INTEGERS
RT COMPLEX NUMBERS
 NUMBERS

REAL TIME OPERATION

RT AUTOMATIC CONTROL
COMPUTER PROGRAMMING
COMPUTERS
DISPLAY DEVICES
INTEGRATED MISSION CONTROL
CENTER
MULTIPROCESSING (COMPUTERS)
ONBOARD DATA PROCESSING
WINDOWS (COMPUTER PROGRAMS)

REAL VARIABLES

GS ANALYSIS (MATHEMATICS)
 REAL VARIABLES
 ABEL FUNCTION
 ASYMPTOTES
 BESSEL FUNCTIONS
 HANKEL FUNCTIONS
 BETHE-SALPETER EQUATION
 CALCULUS OF VARIATIONS
 COMPOSITE FUNCTIONS
 DELTA FUNCTION
 DIFFERENTIAL EQUATIONS
 BLASIUS EQUATION
 CHANDRASEKHAR EQUATION
 COSINE SERIES
 DUFFING DIFFERENTIAL EQUATION
 FALKNER-SKAN EQUATION
 HYPERBOLIC DIFFERENTIAL
 EQUATIONS
 LAME WAVE EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 BIHARMONIC EQUATIONS
 BURGER EQUATION
 CAUCHY-RIEMANN EQUATIONS

REAL VARIABLES--(cont.)

ELLIPTIC DIFFERENTIAL
EQUATIONS
MONGE-AMPERE EQUATION
EULER-CAUCHY EQUATIONS
FOKKER-PLANCK EQUATION
GAUSS EQUATION
HELMHOLTZ VORTICITY EQUATION
LIOUVILLE EQUATIONS
PARABOLIC DIFFERENTIAL
EQUATIONS
POISSON EQUATION
VLASOV EQUATIONS
RICCATI EQUATION
VORTICITY EQUATIONS
HELMHOLTZ VORTICITY EQUATION
EINSTEIN EQUATIONS
EXISTENCE THEOREMS
EXTREMUM VALUES
LIMITS (MATHEMATICS)
MAXIMA
MINIMA
FOURIER-BESSEL TRANSFORMATIONS
GREEN'S FUNCTIONS
HYPERBOLIC FUNCTIONS
HYPERPLANES
JACOBI INTEGRAL
JACOBI MATRIX METHOD
KERNEL FUNCTIONS
LIAPUNOV FUNCTIONS
LINEAR EQUATIONS
LINEAR EVOLUTION EQUATIONS
RICCATI EQUATION
LIPSCHITZ CONDITION
MEASURE AND INTEGRATION
BINARY INTEGRATION
BOREL SETS
FUNCTIONAL INTEGRATION
INTEGRAL CALCULUS
J INTEGRAL
LEBESGUE THEOREM
NUMERICAL INTEGRATION
RUNGE-KUTTA METHOD
STIELTJES INTEGRAL
WEIGHTING FUNCTIONS
NEUMANN PROBLEM
NONLINEAR EQUATIONS
CUBIC EQUATIONS
DUFFING DIFFERENTIAL EQUATION
MONGE-AMPERE EQUATION
NONLINEAR EVOLUTION
EQUATIONS
QUADRATIC EQUATIONS
QUARTIC EQUATIONS
NUMERICAL DIFFERENTIATION
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
COSINE SERIES
SINE SERIES
TANGENTS
SERIES (MATHEMATICS)
ASYMPTOTIC SERIES
CAMPBELL-HAUSDORFF SERIES
COSINE SERIES
FOURIER SERIES
PADE APPROXIMATION
POWER SERIES
TAYLOR SERIES
MACLAURIN SERIES
PROGRESSIONS
PRONY SERIES
SINE SERIES
STURM-LIOUVILLE THEORY
VECTOR ANALYSIS
COLLINEARITY
COPLANARITY
CURL (VECTORS)
VORTICITY
WEIERSTRASS FUNCTIONS
WHITTAKER FUNCTIONS
APERIODIC FUNCTIONS
CALCULUS
CHOLESKY FACTORIZATION
COMPLEX VARIABLES
CONTINUUMS
DEPENDENT VARIABLES
DIFFERENTIAL CALCULUS
FACTORIZATION
FOURIER ANALYSIS
HERMITIAN POLYNOMIAL
HYPERSPHERES
INFINITY
INFLECTION POINTS
MAXIMUM PRINCIPLE
MONOTONE FUNCTIONS
SCHMIDT METHOD

RT

REAL VARIABLES--(cont.)

STABILITY DERIVATIVES
UNIQUENESS THEOREM
VARIABLE

REARWARD FACING STEPS

USE BACKWARD FACING STEPS

REATTACHED FLOW

GS FLUID FLOW
 VISCOUS FLOW
 BOUNDARY LAYER FLOW
 REATTACHED FLOW
RT ATTACHMENT
BACKWARD FACING STEPS
BOUNDARY LAYER SEPARATION
COANDA EFFECT
CROCCO-LEE THEORY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
SEPARATED FLOW

REATTACHMENT

USE ATTACHMENT

REB

USE RELATIVISTIC ELECTRON BEAMS

REBREATHING

RT AIR PURIFICATION
CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
EXPIRED AIR
LIFE SUPPORT SYSTEMS
SPACECRAFT CABIN ATMOSPHERES

RECEIVERS

UF RECEIVING SYSTEMS
GS **RECEIVERS**
 LINEAR RECEIVERS
 LOGARITHMIC RECEIVERS
 RADAR RECEIVERS
 RADIO RECEIVERS
 SUPERHETERODYNE RECEIVERS
 TRANSMITTER RECEIVERS
 WHISTLER RECORDERS
 RADIOTELEPHONES
 TELEVISION RECEIVERS
RT AMPLIFIERS
 DETECTORS
 DISPLAY DEVICES
 DUPLEXERS
 ELECTRIC FILTERS
 INSTRUMENT RECEIVERS
 RECEIVING
 REPEATERS
 TANKS (CONTAINERS)
 TELEPRINTERS
 TELETYPEWRITERS
 TRANSMITTERS

RECEIVING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF RECEPTION
RT ACQUISITION
COLLECTION
DELIVERY
PROCUREMENT
RADAR RECEPTION
RADIO RECEPTION
RECEIVERS
RECOGNITION
SIGNAL RECEPTION
TELEVISION RECEPTION

RECEIVING SYSTEMS

USE RECEIVERS

RECEPTACLES (CONTAINERS)

USE CONTAINERS

RECEPTION

USE RECEIVING

RECEPTION DIVERSITY

UF SPACE DIVERSITY
GS RADIO EQUIPMENT
 RECEPTION DIVERSITY
RT FADING
RADIO ANTENNAS
RADIO RECEIVERS
RADIO RECEPTION

RECEPTION DIVERSITY--(cont.) SIGNAL FADING

RECEPTORS (PHYSIOLOGY) GS RECEPTORS (PHYSIOLOGY)

- . BARORECEPTORS
- . CHEMORECEPTORS
- . GRAVIRECEPTORS
- . OTOLITH ORGANS
- . MECHANORECEPTORS
- . PHOTORECEPTORS
- . PROPRIOCEPTORS
- . THERMORECEPTORS

RT SENSE ORGANS
SENSITOMETRY

RECESSES

RT CAVITIES
CREVASSES
∞ HOLLOW

RECESSION

RT ∞ DEPRESSION
ECONOMICS

RECHARGING

RT CHARGE EFFICIENCY

RECIPROCAL THEOREMS

GS THEOREMS
. RECIPROCAL THEOREMS
RT ANGLES (GEOMETRY)
GEOMETRY
LINES (GEOMETRY)
POINTS (MATHEMATICS)
PROJECTIVE GEOMETRY

RECIPROCATING ENGINES

USE PISTON ENGINES

RECIPROCATION

RT CYCLES
MECHANICAL OSCILLATORS
PISTON ENGINES
PISTONS

RECIPROCITY THEOREM

GS THEOREMS
. RECIPROCITY THEOREM
RT ACOUSTIC SCATTERING
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC SCATTERING
WAVE SCATTERING

RECIRCULATION

USE CIRCULATION

RECIRCULATIVE FLUID FLOW

GS FLUID FLOW
. RECIRCULATIVE FLUID FLOW
RT BACKWARD FACING STEPS
BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
REVERSED FLOW
TURBULENT FLOW
TURBULENT MIXING
VORTICES

RECLAMATION

GS RECLAMATION
. GAS RECOVERY
. MATERIALS RECOVERY
. NUCLEAR FUEL REPROCESSING
. SOLVOLYSIS
. WATER RECLAMATION
RT OIL RECOVERY
∞ RECOVERY
RECYCLING
REGENERATION (ENGINEERING)

RECOGNITION

GS RECOGNITION
. PATTERN RECOGNITION
. CHARACTER RECOGNITION
. GRAPHOLOGY
. SPEECH RECOGNITION
. TARGET RECOGNITION
. TIMBER IDENTIFICATION
RT ACQUISITION
CONSCIOUSNESS
CROP IDENTIFICATION
IDENTIFYING
IFF SYSTEMS (IDENTIFICATION)
∞ INTERPRETATION

RECOGNITION--(cont.)

MEMORY
∞ RECEIVING
REMOTE SENSING

RECOIL ATOMS

GS ATOMS
. RECOIL ATOMS
RT RECOILINGS

RECOIL IONS

GS IONS
. RECOIL IONS
RT ATOMIC COLLISIONS
CHARGE EXCHANGE
ELECTRON SCATTERING
ION IMPACT
ION PRODUCTION RATES
ION SCATTERING
IONIC COLLISIONS
RECOILINGS

RECOIL PROTONS

GS PARTICLES
. CHARGED PARTICLES
. PROTONS
. RECOIL PROTONS
. ELEMENTARY PARTICLES
. FERMIONS
. PROTONS
. RECOIL PROTONS
RT BARYONS
RECOILINGS

RECOILINGS

RT COLLISIONS
PARTICLE MOTION
RECOIL ATOMS
RECOIL IONS
RECOIL PROTONS

RECOMBINATION COEFFICIENT

GS COEFFICIENTS
. RECOMBINATION COEFFICIENT
RATES (PER TIME)
. RECOMBINATION COEFFICIENT
RT FREE ELECTRONS
ION RECOMBINATION
IONIZED GASES

RECOMBINATION REACTIONS

GS RECOMBINATION REACTIONS
. ATOMIC RECOMBINATION
. OXYGEN RECOMBINATION
. ELECTRON RECOMBINATION
. RADIATIVE RECOMBINATION
. ELECTRON-ION RECOMBINATION
. RADIATIVE RECOMBINATION
. HYDROGEN RECOMBINATIONS
. ION RECOMBINATION
RT ATOMIC COLLISIONS
CAPTURE EFFECT
FERTILIZATION
SUHL EFFECT

RECOMMENDATIONS

GS RECOMMENDATIONS
. SUGGESTION
RT DECISION THEORY
GENERAL OVERVIEWS

RECOMPRESSION

USE COMPRESSING

RECONNAISSANCE

GS RECONNAISSANCE
. AERIAL RECONNAISSANCE
. AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
. PHOTORECONNAISSANCE
. SPECTRAL RECONNAISSANCE
RT COSPAS
EARTH RESOURCES
OBSERVATION
PATROLS
PHOTO GEOLOGY
SARSAT
SEARCHING
SPACE OBSERVATIONS (FROM EARTH)
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE
SURVEYS
TERRAIN ANALYSIS

RECONNAISSANCE AIRCRAFT

GS RECONNAISSANCE AIRCRAFT
. A-9 AIRCRAFT
. BREGUET 1150 AIRCRAFT
. CESSNA L-19 AIRCRAFT
. CL-84 AIRCRAFT
. EARTH RESOURCES SURVEY
AIRCRAFT
. F-5 AIRCRAFT
. G-91 AIRCRAFT
. G-95/4 AIRCRAFT
. HS-801 AIRCRAFT
. MIRAGE AIRCRAFT
. MIRAGE 3 AIRCRAFT
. OV-10 AIRCRAFT
. P-1127 AIRCRAFT
. P-1154 AIRCRAFT
. RB-50 AIRCRAFT
. SR-71 AIRCRAFT
. TSR-2 AIRCRAFT
. U-2 AIRCRAFT
. VICTOR MK-1 AIRCRAFT
. WEATHER RECONNAISSANCE
AIRCRAFT
RT AERIAL RECONNAISSANCE
AIRCRAFT
∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
FLYING PLATFORMS
JET AIRCRAFT
LIGHT AIRCRAFT
∞ MILITARY AIRCRAFT
∞ MILITARY AVIATION
MILITARY HELICOPTERS
OBSERVATION AIRCRAFT
PILOTLESS AIRCRAFT
SUBMERSIBLE AIRCRAFT
SUPERSONIC AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
VALIANT AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT
YF-12 AIRCRAFT

RECONNAISSANCE SPACECRAFT

GS MILITARY SPACECRAFT
. RECONNAISSANCE SPACECRAFT
. INSPECTOR SATELLITE
. MIDAS SATELLITES
. MIDAS 2 SATELLITE
. MIDAS 3 SATELLITE
. MIDAS 4 SATELLITE
. MIDAS 5 SATELLITE
. MIDAS 6 SATELLITE
. MIDAS 7 SATELLITE
. PHOTO RECONNAISSANCE
SPACECRAFT
. SAMOS
RT AERIAL RECONNAISSANCE
ARTIFICIAL SATELLITES
MANNED ORBITAL LABORATORIES
MANNED SPACECRAFT
UNMANNED SPACECRAFT

RECONSTRUCTION

GS RECONSTRUCTION
. WAVE FRONT RECONSTRUCTION
RT CONSTRUCTION
RESTORATION

RECORDERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CABLE FORCE RECORDERS
DATA RECORDERS
PLAYBACKS
RECORDING INSTRUMENTS
REGISTERS (COMPUTERS)
TAPE RECORDERS
VLF EMISSION RECORDERS

RECORDING

GS RECORDING
. DATA RECORDING
. DATA SMOOTHING
. MAGNETIC RECORDING
. PHOTOGRAPHIC RECORDING
. PREDICTION RECORDING
RT PLAYBACKS
PLOTING
PRIVACY
∞ STORAGE

RECORDING HEADS

RT DATA RECORDING
MAGNETIC RECORDING
MAGNETIC TAPES
RECORDING INSTRUMENTS
TAPE RECORDERS
VIDEO EQUIPMENT

RECORDING INSTRUMENTS

UF EMISSOGRAPHS
PLUVIOGRAPHS
THERMOGRAMS
GS **RECORDING INSTRUMENTS**
. BATHYTHERMOGRAPHS
. CABLE FORCE RECORDERS
. FLIGHT LOAD RECORDERS
. FLIGHT RECORDERS
. FORCE VECTOR RECORDERS
. MECHANOGRAMS
. OSCILLOGRAPHS
. PLOTTERS
. X-Y PLOTTERS
. PRESSURE RECORDERS
. RADIOMETEOROGRAMS
. SEISMOGRAPHS
. LUNAR SEISMOGRAPHS
. TAPE RECORDERS
. VIDEO TAPE RECORDERS
. WEATHER DATA RECORDERS
. WHISTLER RECORDERS
RT AIRCRAFT INSTRUMENTS
AUTOMATIC CONTROL
BUBBLE TECHNIQUE
CONTROL EQUIPMENT
COUNTERS
DATA RECORDERS
ELECTRONIC RECORDING SYSTEMS
FLIGHT INSTRUMENTS
GRAPHS (CHARTS)
INDICATING INSTRUMENTS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
∞ INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
∞ PENS
PHOTOGRAPHIC RECORDING
∞ RECORDERS
RECORDING HEADS
SONOGRAMS
SPHYGMOGRAPHY
TAPE RECORDERS
TRANSDUCERS
VLF EMISSION RECORDERS

RECORDS

GS DOCUMENTS
. **RECORDS**
. VIDEO DISKS
RT CASE HISTORIES
∞ DATA
DATA PROCESSING
DATA RECORDING
DOCUMENTATION
∞ DRAWING
FORMAT
HISTORIES
PERIODICALS
PLAYBACKS
PRESIDENTIAL REPORTS
PRIVACY
RECORDS MANAGEMENT
REPORTS
SUPPLEMENTS
TECHNICAL WRITING
∞ TESTS
TEXTS

RECORDS MANAGEMENT

GS MANAGEMENT
. INFORMATION MANAGEMENT
. **RECORDS MANAGEMENT**
RT DATA MANAGEMENT
INFORMATION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
RECORDS

RECOVERABILITY

RT DAMAGE ASSESSMENT
∞ PROPERTIES
∞ RECOVERY

RECOVERABLE LAUNCH VEHICLES

GS LAUNCH VEHICLES
. **RECOVERABLE LAUNCH VEHICLES**

RECOVERABLE LAUNCH VEHICLES--(cont.)

RT BOOSTER RECOVERY
LAUNCH VEHICLE CONFIGURATIONS
MULTIENGINE VEHICLES
∞ RECOVERY
RECOVERY PARACHUTES
REUSABLE LAUNCH VEHICLES
∞ VEHICLES
∞ WINGED VEHICLES

RECOVERABLE SATELLITES

USE RECOVERABLE SPACECRAFT

RECOVERABLE SPACECRAFT

UF RECOVERABLE SATELLITES
GS REENTRY VEHICLES
. **RECOVERABLE SPACECRAFT**
. APOLLO SPACECRAFT
. . . APOLLO LUNAR EXPERIMENT
MODULE
. ASTRO VEHICLE
. GEMINI 8 SPACECRAFT
. GEMINI SPACECRAFT
. . . GEMINI (GT-1) SPACECRAFT
. . . GEMINI 2 SPACECRAFT
. MERCURY SPACECRAFT
. . . AURORA 7
. . . FAITH 7
. . . FRIENDSHIP 7
. . . SIGMA 7
. REUSABLE SPACECRAFT
. . . AEROSPACE PLANES
. . . . HOTOL LAUNCH VEHICLE
. . . . X-30 VEHICLE
. . . MARS (MANNED REUSABLE
SPACECRAFT)
. . . SPACE SHUTTLE ORBITERS
. . . . ATLANTIS (ORBITER)
. . . . CHALLENGER (ORBITER)
. . . . COLUMBIA (ORBITER)
. . . . DISCOVERY (ORBITER)
. . . . ENDEAVOUR (ORBITER)
. . . . ENTERPRISE (ORBITER)
. . . SPACE SHUTTLES
. . . . BURAN SPACE SHUTTLE
. . . . HERMES MANNED SPACEPLANE
. VOSKHOD MANNED SPACECRAFT
. . . VOSKHOD 1 SPACECRAFT
. . . VOSKHOD 2 SPACECRAFT
. . . VOSTOK SPACECRAFT
. . . VOSTOK 1 SPACECRAFT
. . . VOSTOK 2 SPACECRAFT
. . . VOSTOK 3 SPACECRAFT
. . . VOSTOK 4 SPACECRAFT
. . . VOSTOK 5 SPACECRAFT
. . . VOSTOK 6 SPACECRAFT
RT BOOSTER ROCKET ENGINES
BOOSTGLIDE VEHICLES
EXPENDABLE STAGES (SPACECRAFT)
HYPERSONIC VEHICLES
INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
LIFTING REENTRY VEHICLES
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
MILITARY SPACECRAFT
RENDEZVOUS SPACECRAFT
SPACE CAPSULES
∞ SPACECRAFT
SPACECRAFT RECOVERY
UNMANNED SPACECRAFT
∞ WINGED VEHICLES

∞ RECOVERY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BOOSTER RECOVERY
GAS RECOVERY
LOOP TRANSFER RECOVERY
MATERIALS RECOVERY
NUCLEAR FUEL REPROCESSING
OIL RECOVERY
PRESSURE RECOVERY
RECLAMATION
RECOVERABILITY
RECOVERABLE LAUNCH VEHICLES
RECOVERY PARACHUTES
RETRIEVAL
REUSE
SPACECRAFT RECOVERY
STRESS RELAXATION
STRESS RELIEVING
VISUAL DISCRIMINATION

RECOVERY PARACHUTES

GS PARACHUTES
. **RECOVERY PARACHUTES**
RT BOOSTER RECOVERY
DISCOVERER RECOVERY CAPSULES
RECOVERABLE LAUNCH VEHICLES
∞ RECOVERY
RIBBON PARACHUTES
SPACECRAFT RECOVERY

RECOVERY VEHICLES

SN (EXCLUDES RECOVERABLE VEHICLES)
RT HELICOPTERS
∞ MILITARY VEHICLES
TRUCKS
∞ VEHICLES

RECOVERY ZONES

RT DOWNRANGE
LANDING SITES
REENTRY RANGE
REGIONS
SPACECRAFT RECOVERY

RECREATION

RT MORALE
PARKS
RELAXATION (PHYSIOLOGY)
REST
STARSITE PROGRAM
URBAN PLANNING
URBAN RESEARCH

RECRYSTALLIZATION

GS CRYSTALLIZATION
. **RECRYSTALLIZATION**
RT ANNEALING
HEAT TREATMENT
LASER ANNEALING
∞ METALLURGY
NUCLEATION
POLYGONIZATION
∞ SEPARATION

RECTANGLES

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. . . POLYGONS
. . . . TETRAGONS
. . . . **RECTANGLES**
RT RECTANGULAR PLANFORMS

RECTANGULAR BEAMS

GS STRUCTURAL MEMBERS
. BEAMS (SUPPORTS)
. . . **RECTANGULAR BEAMS**
RT BOX BEAMS

RECTANGULAR COORDINATES

USE CARTESIAN COORDINATES

RECTANGULAR DRAINAGE

USE DRAINAGE PATTERNS

RECTANGULAR PANELS

GS PANELS
. **RECTANGULAR PANELS**
PLANFORMS
. RECTANGULAR PLANFORMS
. . . **RECTANGULAR PANELS**
RT STRAKES
STRUCTURAL MEMBERS
WING PANELS

RECTANGULAR PLANFORMS

GS PLANFORMS
. **RECTANGULAR PLANFORMS**
. . . RECTANGULAR PANELS
. . . RECTANGULAR PLATES
. . . RECTANGULAR WINGS
RT RECTANGLES
WING PLANFORMS

RECTANGULAR PLATES

GS PLANFORMS
. RECTANGULAR PLANFORMS
. . . **RECTANGULAR PLATES**
STRUCTURAL MEMBERS
. PLATES (STRUCTURAL MEMBERS)
. . . **RECTANGULAR PLATES**
RT FLAT PLATES
METAL PLATES
∞ PLATES

RECTANGULAR WAVEGUIDES

- GS WAVEGUIDES
 - . **RECTANGULAR WAVEGUIDES**
- RT BEAM WAVEGUIDES
 - . MICROWAVE FILTERS

RECTANGULAR WIND TUNNELS

- GS TEST FACILITIES
 - . WIND TUNNELS
- RT **RECTANGULAR WIND TUNNELS**
 - . SUBSONIC WIND TUNNELS

RECTANGULAR WINGS

- UF STRAIGHT WINGS
- GS AIRFOILS
 - . WINGS
 - . UNSWEPT WINGS
 - . **RECTANGULAR WINGS**
 - . PLANFORMS
 - . RECTANGULAR PLANFORMS
 - . **RECTANGULAR WINGS**

RECTENNAS

- UF RECTIFIER ANTENNAS
- GS MICROWAVE EQUIPMENT
 - . MICROWAVE ANTENNAS
 - . **RECTENNAS**
- RT SATELLITE POWER TRANSMISSION
 - . SOLAR RADIATION
 - . SPACETENNAS

RECTIFICATION

- GS **RECTIFICATION**
 - . GEOMETRIC RECTIFICATION (IMAGERY)
- RT ∞ CONDENSATION
 - . DISTILLATION
 - . PURIFICATION
 - . REFINING

RECTIFIER ANTENNAS

- USE RECTENNAS

RECTIFIERS

- SN (EXCLUDES PHOTOGRAPHIC RECTIFIER)
- GS **RECTIFIERS**
 - . AVALANCHE DIODES
 - . CRYOSAR
 - . CRYSTAL RECTIFIERS
 - . GERMANIUM DIODES
 - . IGNITRONS
 - . THYRATRONS
 - . THYRISTORS
 - . SILICON CONTROLLED RECTIFIERS
- RT BARRITT DIODES
 - . CURRENT CONVERTERS (AC TO DC)
 - . DIODES
 - . ELECTRON TUBES
 - . ∞ ENERGY SOURCES
 - . FORM FACTORS
 - . ITO (SEMICONDUCTORS)
 - . MERCURY ARCS
 - . METAL OXIDE SEMICONDUCTORS
 - . ∞ POWER SUPPLIES
 - . POWER SUPPLY CIRCUITS
 - . SEMICONDUCTOR DEVICES
 - . SOLID STATE DEVICES
 - . THIN FILMS

RECTUM

- GS ANATOMY
 - . DIGESTIVE SYSTEM
 - . GASTROINTESTINAL SYSTEM
 - INTESTINES
 - **RECTUM**

RECUPERATORS

- USE REGENERATORS

RECURSION FORMULAS

- USE RECURSIVE FUNCTIONS

RECURSIVE FUNCTIONS

- UF RECURSION FORMULAS
- GS FUNCTIONS (MATHEMATICS)
 - . **RECURSIVE FUNCTIONS**
- RT FIR FILTERS
 - . LISP (PROGRAMMING LANGUAGE)
 - . STRANGE ATTRACTORS

RECYCLING

- RT ECONOMY
 - . EXTRACTION
 - . MATERIALS RECOVERY
 - . NUCLEAR FUEL REPROCESSING

RECYCLING--(cont.)

- ∞ PROCESSING
 - . RECLAMATION
 - . REFINING
 - . RESOURCES
 - . SOLVOLYSIS
 - . SPENT FUELS

RED ARCS

- GS ATMOSPHERIC RADIATION
 - . AURORAS
 - . . . AURORAL ARCS
 - . . . **RED ARCS**
- RT ∞ ARCS
 - . AURORAL IONIZATION

RED BLOOD CELLS

- USE ERYTHROCYTES

RED DWARF STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . MAIN SEQUENCE STARS
 - . . . DWARF STARS
 - **RED DWARF STARS**
- RT HOT STARS
 - . LATE STARS
 - . STELLAR LUMINOSITY
 - . STELLAR MAGNITUDE
 - . SUBDWARF STARS
 - . SUPERNOVA REMNANTS
 - . WHITE DWARF STARS

RED GIANT STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . GIANT STARS
 - . . . **RED GIANT STARS**
 - CARBON STARS
- RT ASYMPTOTIC GIANT BRANCH STARS
 - . LATE STARS
 - . M STARS
 - . MIRA VARIABLES
 - . S STARS
 - . STELLAR EVOLUTION
 - . STELLAR LUMINOSITY

RED SEA

- GS SEAS
 - . **RED SEA**
- RT AFRICA
 - . ASIA

RED SHIFT

- RT COSMOLOGY
 - . DOPPLER EFFECT
 - . DOPPLER-FIZEAU EFFECT
 - . GALAXIES
 - . HUBBLE CONSTANT
 - . HUBBLE DIAGRAM
 - . IRREGULAR GALAXIES
 - . RADIAL VELOCITY

RED TIDE

- RT FISHES
 - . MARINE ENVIRONMENTS
 - . MICROORGANISMS
 - . OCEANOGRAPHY
 - . PLANKTON
 - . SEA WATER
 - . TOXICOLOGY

REDEYE MISSILE

- GS MISSILES
 - . ANTI-AIRCRAFT MISSILES
 - . . **REDEYE MISSILE**
 - . . SURFACE TO AIR MISSILES
 - . . **REDEYE MISSILE**
- RT SOLID PROPELLANT ROCKET ENGINES

REDOX CELLS

- GS ELECTROCHEMICAL CELLS
 - . ELECTRIC BATTERIES
 - . . **REDOX CELLS**
- RT ELECTROCHEMISTRY
 - . ELECTROLYTES
 - . ENERGY CONVERSION EFFICIENCY
 - . ENERGY STORAGE

REDUCED GRAVITY

- USE MICROGRAVITY

REDUCED ORDER FILTERS

- GS LINEAR FILTERS

REDUCED ORDER FILTERS--(cont.)

- . **REDUCED ORDER FILTERS**
- RT ELECTRIC FILTERS
 - . ∞ FILTERS
 - . KALMAN FILTERS
 - . NAVIGATION AIDS

 ∞ **REDUCTION**

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- UF DECREMENTING
 - . DIMINUTION
 - . SHORTENING
- RT ATTENUATION
 - . CLEANING
 - . COMMUNITION
 - . CONTRACTION
 - . DAMPING
 - . DATA REDUCTION
 - . DECELERATION
 - . DECONTAMINATION
 - . DEMAGNETIZATION
 - . DEOXYGENATION
 - . DEPLETION
 - . DEPOLARIZATION
 - . DILUTION
 - . DIMMING
 - . DISPERSING
 - . DISSIPATION
 - . DRAG REDUCTION
 - . ELIMINATION
 - . FRICTION REDUCTION
 - . HYDROGENOLYSIS
 - . ∞ INHIBITION
 - . IODIMETRY
 - . LEAKAGE
 - . METAL WORKING
 - . NOISE REDUCTION
 - . OPTIMIZATION
 - . PRESSURE REDUCTION
 - . PREVENTION
 - . PURIFICATION
 - . REDUCTION (CHEMISTRY)
 - . REFINING
 - . RELAXATION (MECHANICS)
 - . REMOVAL
 - . RETARDING
 - . SHRINKAGE
 - . SIDELobe REDUCTION
 - . SPIN REDUCTION
 - . STOPPING
 - . TAPERING

REDUCTION (CHEMISTRY)

- GS CHEMICAL REACTIONS
 - . **REDUCTION (CHEMISTRY)**
 - . . DEOXIDIZING
 - . . HYDROGENATION
- RT ∞ CHEMISTRY
 - . DEHYDROGENATION
 - . ELECTRODEPOSITION
 - . ELECTROLYSIS
 - . METAL POWDER
 - . OXIDATION
 - . OXIDATION-REDUCTION REACTIONS
 - . PURIFICATION
 - . ∞ REDUCTION
 - . ROASTING
 - . SMELTING

REDUCTION (MATHEMATICS)

- USE OPTIMIZATION

REDUNDANCY

- RT ASSURANCE
 - . COMMUNICATION THEORY
 - . COMPUTER PROGRAM INTEGRITY
 - . CORRECTION
 - . ERROR DETECTION CODES
 - . INFORMATION THEORY
 - . RELIABILITY

REDUNDANCY ENCODING

- GS CODING
 - . **REDUNDANCY ENCODING**
- RT CONCATENATED CODES
 - . DATA TRANSMISSION
 - . ERROR CORRECTING CODES
 - . ERROR CORRECTING DEVICES
 - . ERROR DETECTION CODES
 - . REED-SOLOMON CODES
 - . REPETITION
 - . SIGNAL ENCODING

REDUNDANT COMPONENTS

- UF REDUNDANT STRUCTURES
- RT BACKUPS
- ∞ COMPONENTS
- RELIABILITY
- SPARE PARTS
- ∞ STRUCTURES

REDUNDANT STRUCTURES

- USE REDUNDANT COMPONENTS

REED-SOLOMON CODES

- UF RS CODES
- GS ERROR CORRECTING CODES
- REED-SOLOMON CODES
- RT BIT ERROR RATE
- ∞ CODES
- CODING
- CONCATENATED CODES
- DECODERS
- REDUNDANCY ENCODING
- SIGNAL ENCODING

REEDS (PLANTS)

- GS PLANTS (BOTANY)
- GRASSES
- REEDS (PLANTS)

REEFS

- GS LANDFORMS
- BARRIERS (LANDFORMS)
- REEFS
- RT ATOLLS
- BARS (LANDFORMS)
- CORAL REEFS
- ISLAND ARCS
- ISLANDS
- OCEANOGRAPHY
- ROCKS
- SANDS
- SHALLOW WATER
- ∞ SHELVES
- SHOALS

REELS

- RT CABLES (ROPES)
- ∞ CONTAINERS
- MAGNETIC TAPES
- SPOOLS
- TETHERED BALLOONS
- TETHERED SATELLITES
- TETHERING

REENTRY

- GS ATMOSPHERIC ENTRY
- REENTRY
- HYPERBOLIC REENTRY
- HYPERSONIC REENTRY
- UNCONTROLLED REENTRY (SPACECRAFT)
- MANNED REENTRY
- SPACECRAFT REENTRY
- UNCONTROLLED REENTRY (SPACECRAFT)
- RT ABLATION
- AERODYNAMIC HEATING
- AERODYNAMIC STABILITY
- AERODYNAMICS
- AEROTHERMODYNAMICS
- DESCENT
- DESCENT TRAJECTORIES
- ∞ ENTRY
- FLIGHT PATHS
- IMPACT PREDICTION
- LIFTING REENTRY VEHICLES
- LOW OBSERVABLE REENTRY VEHICLES
- MISSILES
- ∞ ROCKETS
- SPACE FLIGHT
- TERMINAL GUIDANCE

REENTRY BODIES

- USE REENTRY VEHICLES

REENTRY BREAKUP

- USE SPACECRAFT BREAKUP

REENTRY COMMUNICATION

- GS TELECOMMUNICATION
- SPACE COMMUNICATION
- SPACECRAFT COMMUNICATION
- REENTRY COMMUNICATION
- RT BLACKOUT (PROPAGATION)
- MANNED REENTRY

REENTRY COMMUNICATION--(cont.)

- PLASMA SHEATHS
- RADIO COMMUNICATION
- VOICE COMMUNICATION

REENTRY DECOYS

- GS COUNTERMEASURES
- REENTRY DECOYS
- DECOYS
- REENTRY DECOYS
- REENTRY VEHICLES
- REENTRY DECOYS
- RT BALLISTIC MISSILE DECOYS
- MISSILE DEFENSE

REENTRY EFFECTS

- RT ABLATION
- AERODYNAMIC HEATING
- BLACKOUT (PROPAGATION)
- ∞ EFFECTS
- HYPERSONIC REENTRY
- PLASMA SHEATHS
- SPACECRAFT BREAKUP
- TEMPERATURE EFFECTS

REENTRY GLIDERS

- USE LIFTING REENTRY VEHICLES

REENTRY GUIDANCE

- GS GUIDANCE (MOTION)
- REENTRY GUIDANCE
- RT AUTOMATIC CONTROL
- DESCENT TRAJECTORIES
- INERTIAL GUIDANCE
- MANUAL CONTROL
- SATELLITE GUIDANCE
- SPACECRAFT GUIDANCE
- TERMINAL GUIDANCE

REENTRY PHYSICS

- RT ABLATION
- AEROTHERMOCHEMISTRY
- AEROTHERMODYNAMICS
- HYPERSONIC REENTRY
- LOW OBSERVABLE REENTRY VEHICLES
- ∞ PHYSICS
- PLASMA SHEATHS
- ∞ SCIENCE

REENTRY RANGE

- GS DISTANCE
- REENTRY RANGE
- RT MISSILE RANGES
- RECOVERY ZONES

REENTRY SHIELDING

- GS SHIELDING
- HEAT SHIELDING
- REENTRY SHIELDING
- RT ABLATION
- ABLATIVE NOSE CONES
- AERODYNAMIC HEATING
- AEROTHERMOCHEMISTRY
- HEAT SINKS
- ∞ INSULATED STRUCTURES
- LUDOX (TRADEMARK)
- NOSE CONES
- REUSABLE HEAT SHIELDING
- SPACECRAFT SHIELDING
- THERMAL CONTROL COATINGS
- THERMAL INSULATION
- THERMAL PROTECTION

REENTRY TRAJECTORIES

- GS TRAJECTORIES
- DESCENT TRAJECTORIES
- REENTRY TRAJECTORIES
- RT CIRCULUNAR TRAJECTORIES
- FLIGHT MECHANICS
- HYPERBOLIC REENTRY
- MISSILE TRAJECTORIES
- MOON-EARTH TRAJECTORIES
- SPACECRAFT TRAJECTORIES
- TERMINAL GUIDANCE

REENTRY VEHICLES

- UF REENTRY BODIES
- GS REENTRY VEHICLES
- BOOSTGLIDE VEHICLES
- X-20 AIRCRAFT
- LOW OBSERVABLE REENTRY VEHICLES
- MANEUVERABLE REENTRY BODIES
- LIFTING REENTRY VEHICLES

REENTRY VEHICLES--(cont.)

- FDL-5 REENTRY VEHICLE
- HL-10 REENTRY VEHICLE
- HLD-35 REENTRY VEHICLE
- JANUS SPACECRAFT
- M-2 LIFTING BODY
- M-2F2 LIFTING BODY
- X-20 AIRCRAFT
- X-24 AIRCRAFT
- MARK 1 REENTRY BODY
- MARK 2 REENTRY BODY
- MARK 3 REENTRY BODY
- MARK 4 REENTRY BODY
- MARK 5 REENTRY BODY
- MARK 6 REENTRY BODY
- MARK 11 REENTRY BODY
- MARK 12 REENTRY BODY
- MARK 17 REENTRY BODY
- RECOVERABLE SPACECRAFT
- APOLLO SPACECRAFT
- APOLLO LUNAR EXPERIMENT MODULE
- ASTRO VEHICLE
- GEMINI B SPACECRAFT
- GEMINI SPACECRAFT
- GEMINI (GT-1) SPACECRAFT
- GEMINI 2 SPACECRAFT
- MERCURY SPACECRAFT
- AURORA 7
- FAITH 7
- FRIENDSHIP 7
- SIGMA 7
- REUSABLE SPACECRAFT
- AEROSPACE PLANES
- HOTOL LAUNCH VEHICLE
- X-30 VEHICLE
- MARS (MANNED REUSABLE SPACECRAFT)
- SPACE SHUTTLE ORBITERS
- ATLANTIS (ORBITER)
- CHALLENGER (ORBITER)
- COLUMBIA (ORBITER)
- DISCOVERY (ORBITER)
- ENDEAVOUR (ORBITER)
- ENTERPRISE (ORBITER)
- SPACE SHUTTLES
- BURAN SPACE SHUTTLE
- HERMES MANNED SPACEPLANE
- VOSKHOD MANNED SPACECRAFT
- VOSKHOD 1 SPACECRAFT
- VOSKHOD 2 SPACECRAFT
- VOSTOK SPACECRAFT
- VOSTOK 1 SPACECRAFT
- VOSTOK 2 SPACECRAFT
- VOSTOK 3 SPACECRAFT
- VOSTOK 4 SPACECRAFT
- VOSTOK 5 SPACECRAFT
- VOSTOK 6 SPACECRAFT
- REENTRY DECOYS
- TRAILBLAZER 1 REENTRY VEHICLE
- TRAILBLAZER 2 REENTRY VEHICLE
- X-17 REENTRY VEHICLE
- RT ABLATIVE NOSE CONES
- AEROTHERMOCHEMISTRY
- ATHENA ROCKET VEHICLE
- ∞ BALLISTIC VEHICLES
- BLUFF BODIES
- ∞ BODIES
- FERRY SPACECRAFT
- ∞ FLIGHT VEHICLES
- HYPERSONIC VEHICLES
- ∞ INSULATED STRUCTURES
- LANDING MODULES
- LIFTING BODIES
- MANEUVERABLE SPACECRAFT
- MISSILES
- NOSE CONES
- PYRAMIDAL BODIES
- ∞ ROCKETS
- SPACE CAPSULES
- ∞ SPACECRAFT
- SPACECRAFT CONFIGURATIONS
- TERMINAL GUIDANCE
- TEST VEHICLES
- ∞ VEHICLES
- ∞ WINGED VEHICLES

REFERENCE ATMOSPHERES

- UF STANDARD ATMOSPHERES
- GS MODELS
- ATMOSPHERIC MODELS
- REFERENCE ATMOSPHERES STANDARDS
- REFERENCE ATMOSPHERES

REFERENCE STARS

GS CELESTIAL BODIES
 . STARS
 . . . **REFERENCE STARS**
 RT ASTRONOMICAL COORDINATES
 ASTRONOMICAL PHOTOGRAPHY
 CELESTIAL NAVIGATION
 NAVIGATION AIDS
 SPACE NAVIGATION

∞ REFERENCE SYSTEMS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BIBLIOGRAPHIES
 CELESTIAL REFERENCE SYSTEMS
 COORDINATES
 DOCUMENTATION
 INDEXES (DOCUMENTATION)
 INERTIAL REFERENCE SYSTEMS
 LIBRARIES
 SPHERICAL COORDINATES
 ∞ SYSTEMS
 WISWESSER NOTATIONS

REFERENCES (STANDARDS)

USE STANDARDS

REFILLING

GS FILLING
 . **REFILLING**
 RT ∞ LOADING
 REPLENISHMENT

REFINING

GS **REFINING**
 . ELECTROREFINING
 . ELECTROSLAG REFINING
 RT ALKYLATION
 BENEFICIATION
 CHEMICAL FRACTIONATION
 CLEAN FUELS
 CLEANING
 ∞ CONVERSION
 CRYSTALLIZATION
 DESULFURIZING
 DEWAXING
 DISTILLATION
 DROP TRANSFER
 ENERGY POLICY
 ENRICHMENT
 EXTRACTION
 FRACTIONATION
 HYDROGENATION
 HYDROMETALLURGY
 ISOMERIZATION
 MATERIALS RECOVERY
 POLYMERIZATION
 ∞ PROCESSING
 PURIFICATION
 PYROMETALLURGY
 RECTIFICATION
 RECYCLING
 ∞ REDUCTION
 ∞ SEPARATION
 SMELTING
 SUBLIMATION
 UPGRADING
 ZONE MELTING

REFLECTANCE

UF REFLECTION COEFFICIENT
 REFLECTIVITY
 GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **REFLECTANCE**
 . . . BIDIRECTIONAL REFLECTANCE
 . . . SPECTRAL REFLECTANCE
 RT ABSORPTANCE
 ALBEDO
 ATTENUATION COEFFICIENTS
 BIREFRINGENCE
 BISTATIC REFLECTIVITY
 BRIGHTNESS
 COARSENESS
 COSMIC RAY ALBEDO
 EARTH ALBEDO
 FLOW COEFFICIENTS
 GEOMETRICAL THEORY OF
 DIFFRACTION
 LUSTER
 OPTICAL MEASUREMENT
 OPTICAL REFLECTION
 PHOTOMETRY
 RAY TRACING

REFLECTANCE--(cont.)

REFLECTION
 REFLECTOMETERS
 SURFACE PROPERTIES
 SURFACE ROUGHNESS EFFECTS
 TRANSMITTANCE
 VEGETATIVE INDEX

REFLECTED RADIATION

USE REFLECTED WAVES

REFLECTED RAYS

USE REFLECTED WAVES

REFLECTED WAVES

UF REFLECTED RADIATION
 REFLECTED RAYS
 RT CORPUSCULAR RADIATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 INCIDENT RADIATION
 OPTICAL REFLECTION
 PHOTON BEAMS
 ∞ RADIATION
 REFRACTED WAVES
 RETROREFLECTION
 WAVE REFLECTION

REFLECTING TELESCOPES

GS TELESCOPES
 . **REFLECTING TELESCOPES**
 . . LARGE DEPLOYABLE REFLECTOR
 . . STARSAT TELESCOPE
 RT CASSEGRAIN OPTICS
 MIRRORS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 PARABOLOID MIRRORS
 REFLECTORS
 SCHMIDT TELESCOPES
 SPECTROSCOPIC TELESCOPES
 STRATOSCOPE TELESCOPES

REFLECTION

GS **REFLECTION**
 . INFRARED REFLECTION
 . OPTICAL REFLECTION
 . RETROREFLECTION
 . SIGNAL REFLECTION
 . SPECULAR REFLECTION
 . SPREAD REFLECTION
 . ULTRAVIOLET REFLECTION
 . WAVE REFLECTION
 . . MACH REFLECTION
 RT BIDIRECTIONAL REFLECTANCE
 BREWSTER ANGLE
 DEFLECTION
 DIFFUSION
 ECHELETTE GRATINGS
 ECHELLE GRATINGS
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC RADIATION
 IMPINGEMENT
 LAMBERT SURFACE
 LIGHT (VISIBLE RADIATION)
 ∞ OPTICS
 REFLECTANCE
 REFRACTION
 SCATTERING
 TRANSMISSION
 ZERO SOUND

REFLECTION COEFFICIENT

USE REFLECTANCE

REFLECTION NEBULAE

GS CELESTIAL BODIES
 . NEBULAE
 . . **REFLECTION NEBULAE**
 RT COSMIC DUST
 INTERSTELLAR MATTER
 LIGHT SCATTERING

REFLECTIVITY

USE REFLECTANCE

REFLECTOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **REFLECTOMETERS**
 . . . MICROWAVE REFLECTOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . **REFLECTOMETERS**

REFLECTOMETERS--(cont.)

. . . MICROWAVE REFLECTOMETERS
 RT COMPARATORS
 DIRECTORS (ANTENNA ELEMENTS)
 OPTICAL MEASUREMENT
 PHOTOMETERS
 REACTOR CORES
 REFLECTANCE
 REFLECTOR ANTENNAS
 SCHELKUNOFF PRINCIPLE
 TWO REFLECTOR ANTENNAS
 ULTRAVIOLET REFLECTION

REFLECTOR ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . **REFLECTOR ANTENNAS**
 . . . PARABOLIC ANTENNAS
 . . . TWO REFLECTOR ANTENNAS
 RT ANTENNA FEEDS
 ANTENNA RADIATION PATTERNS
 CASSEGRAIN ANTENNAS
 MICROWAVE ANTENNAS
 MULTIBEAM ANTENNAS
 PARABOLIC REFLECTORS
 RADAR ANTENNAS
 RADAR CORNER REFLECTORS
 RADAR REFLECTORS
 RADIO ANTENNAS
 REFLECTOMETERS
 REFLECTORS
 SUBREFLECTORS

REFLECTOR SATELLITES

USE PASSIVE SATELLITES

REFLECTORS

GS **REFLECTORS**
 . FRESNEL REFLECTORS
 . PARABOLIC REFLECTORS
 . . PARABOLOID MIRRORS
 . . RADAR REFLECTORS
 . . RADAR CORNER REFLECTORS
 . . RETROREFLECTORS
 . . SOLAR REFLECTORS
 . . SOLAR COLLECTORS
 . . SOLETTAS
 . WIGGLER MAGNETS
 RT ANTENNAS
 ATTENUATORS
 BAFFLES
 CEILINGS (ARCHITECTURE)
 DEFLECTORS
 DIRECTORS (ANTENNA ELEMENTS)
 ETALONS
 HELIOSTATS
 LARGE DEPLOYABLE REFLECTOR
 MIRRORS
 PARASITIC ELEMENTS (ANTENNAS)
 PLASMA CORE REACTORS
 RADIATION SHIELDING
 REACTOR CORES
 REFLECTING TELESCOPES
 REFLECTOR ANTENNAS
 SCHELKUNOFF PRINCIPLE
 SUBREFLECTORS
 TELESCOPES
 TWO REFLECTOR ANTENNAS

REFLEXES

GS **REFLEXES**
 . CAROTID SINUS REFLEX
 . CONDITIONED REFLEXES
 . RESPIRATORY REFLEXES
 . . COUGH
 . . HERING-BREVER REFLEX
 . . SNEEZING
 . VESTIBULAR NYSTAGMUS
 RT DECONDITIONING
 REACTION TIME
 VASOCONSTRICTION
 VASODILATION

REFORESTATION

GS MANAGEMENT
 . RESOURCES MANAGEMENT
 . . FOREST MANAGEMENT
 . . . **REFORESTATION**
 RT FORESTS
 TIMBER INVENTORY

REFRACTED RADIATION

USE REFRACTED WAVES

REFRACTED RAYS

USE REFRACTED WAVES

REFRACTED WAVES

UF REFRACTED RADIATION
REFRACTED RAYS
RT CORPUSCULAR RADIATION
EIKONAL EQUATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
INCIDENT RADIATION
PHOTON BEAMS
REFLECTED WAVES
REFRACTION
∞ WAVES

REFRACTING TELESCOPES

GS TELESCOPES
REFRACTING TELESCOPES
RT LENSES
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFRACTION

GS REFRACTION
ATMOSPHERIC REFRACTION
RADIO WAVE REFRACTION
BIREFRINGENCE
KERR ELECTROOPTICAL EFFECT
RT ASPHERICITY
ASTIGMATISM
∞ CONDUCTION
DEFLECTION
DIFFRACTION
DISTORTION
DIVERGENCE
HUYGENS PRINCIPLE
ISOCROMATICS
LENSES
LIGHT (VISIBLE RADIATION)
PHOTOELASTICITY
PRISMS
REFLECTION
REFRACTED WAVES
REFRACTIVITY
SINKING
SNELLS LAW
TRANSMISSION
VOIGT EFFECT
WAVE DISPERSION
WAVE PROPAGATION

REFRACTIVE INDEX

USE REFRACTIVITY

REFRACTIVITY

UF REFRACTIVE INDEX
GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
REFRACTIVITY
RT ATMOSPHERIC REFRACTION
BIREFRINGENCE
BIREFRINGENT COATINGS
BIREFRINGENT FILTERS
BREWSTER ANGLE
GRADIENT INDEX OPTICS
ISOTROPISM
LIGHT (VISIBLE RADIATION)
OPACITY
OPTICAL THICKNESS
POLARIZATION (WAVES)
RATIOS
REFRACTION
REFRACTOMETERS
SNELLS LAW
UNDERWATER OPTICS

REFRACTOMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
REFRACTOMETERS
RT GONIOMETERS
OPTICAL MEASUREMENT
REFRACTIVITY

REFRACTORIES

GS REFRACTORY MATERIALS
REFRACTORIES
RT CERAMICS
CERMETS

REFRACTORIES--(cont.)

COMBUSTION CHAMBERS
FORSTERITE
FURNACES
HEARTHS
MORTARS (MATERIAL)
REFRACTORY COATINGS
ROCKET ENGINES
ROCKET LININGS
THERMAL INSULATION
TURBINES

REFRACTORY COATINGS

GS COATINGS
PROTECTIVE COATINGS
REFRACTORY COATINGS
RT CERAMICS
PYROLYTIC MATERIALS
REFRACTORIES
THERMAL INSULATION

REFRACTORY MATERIALS

UF HIGH MELTING COMPOUNDS
HIGH TEMPERATURE MATERIALS
PYROGRAPHALLOY
GS REFRACTORY MATERIALS
LUDOX (TRADEMARK)
PORCELAIN
REFRACTORIES
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
RT ABLATIVE MATERIALS
CARBIDES
CARBORUNDUM (TRADEMARK)
CERAMICS
CERMETS
CHEMICAL COMPOUNDS
CLAYS
HIGH TEMPERATURE RESEARCH
INORGANIC MATERIALS
MATERIALS
METAL COMPOUNDS
NONFLAMMABLE MATERIALS
NOZZLE WALLS
PYROLYTIC MATERIALS
SCOTCHLITE (TRADEMARK)
SIALON

REFRACTORY METAL ALLOYS

GS ALLOYS
HEAT RESISTANT ALLOYS
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS
TANTALUM ALLOYS
TUNGSTEN ALLOYS
REFRACTORY MATERIALS
REFRACTORY METAL ALLOYS
MOLYBDENUM ALLOYS
RENE 41
RENE 63
RENE 77
NIOBIUM ALLOYS
OSMIUM ALLOYS
RHENIUM ALLOYS

REFRACTORY METAL ALLOYS--(cont.)

TANTALUM ALLOYS
TUNGSTEN ALLOYS

REFRACTORY METALS

GS METALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
REFRACTORY MATERIALS
REFRACTORY METALS
CHROMIUM
CHROMIUM ISOTOPES
IRIDIUM
IRIDIUM ISOTOPES
MOLYBDENUM
NIOBIUM
NIOBIUM ISOTOPES
NIOBIUM 95
OSMIUM
OSMIUM ISOTOPES
RHENIUM
RHENIUM ISOTOPES
TANTALUM
TANTALUM ISOTOPES
TUNGSTEN
TUNGSTEN ISOTOPES
RT HEAT RESISTANT ALLOYS
TRANSITION METALS

REFRACTORY PERIOD

RT REACTION TIME
RELAXATION
RESPONSES
TIME LAG

REFRASIL (TRADEMARK)

USE FIBERS
SILICON DIOXIDE

REFRIGERANTS

RT ABSORBERS (MATERIALS)
ABSORPTION COOLING
AIR CONDITIONING
AMMONIA
BRINES
COOLANTS
COOLING SYSTEMS
FLUOROHYDROCARBONS
FREON
ICE
REFRIGERATING
REFRIGERATING MACHINERY
REFRIGERATORS
SOLID NITROGEN

REFRIGERATING

RT AIR CONDITIONING
AIR COOLING
COLD TRAPS
CONDENSING
COOLERS
COOLING
COOLING SYSTEMS
CRYOGENIC COOLING
CRYOGENIC EQUIPMENT
CRYOGENICS
DEFROSTING
DEHUMIDIFICATION
FREEZING
FREON
FROZEN FOODS
HUMIDITY
LOW TEMPERATURE
MAGNETIC COOLING
PRESERVING
REFRIGERANTS
REFRIGERATORS
TEMPERATURE
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION

REFRIGERATING--(cont.)

THERMOELECTRIC COOLING
VENTILATION

REFRIGERATING MACHINERY

GS **REFRIGERATING MACHINERY**
 . REFRIGERATORS
 RT ABSORBERS (EQUIPMENT)
 AIR CONDITIONING
 AIR CONDITIONING EQUIPMENT
 BLOWERS
 COMPRESSORS
 CONDENSERS (LIQUEFIERS)
 COOLERS
 COOLING SYSTEMS
 CRYOGENIC EQUIPMENT
 EVAPORATORS
 HEAT PUMPS
 ∞ MACHINERY
 REFRIGERANTS
 TEMPERATURE CONTROL
 THERMOELECTRIC COOLING

REFRIGERATORS

GS REFRIGERATING MACHINERY
 . **REFRIGERATORS**
 RT COOLERS
 DEFROSTING
 REFRIGERANTS
 REFRIGERATING

REFSAT

GS ARTIFICIAL SATELLITES
 . NAVIGATION SATELLITES
 . . **REFSAT**
 RT NAVSTAR SATELLITES
 SYNCHRONOUS SATELLITES

REFUELING

UF FUELING
 GS **REFUELING**
 . AIR TO AIR REFUELING
 RT AIRCRAFT HAZARDS
 FLIGHT OPERATIONS
 FUEL CONSUMPTION
 FUEL CONTAMINATION
 FUEL CONTROL
 FUEL SYSTEMS
 GROUND SUPPORT EQUIPMENT
 PREFLIGHT OPERATIONS
 PROPELLANT TRANSFER
 REPLENISHMENT
 RETRACTABLE EQUIPMENT

∞ REGENERATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT REGENERATION (ENGINEERING)
 REGENERATION (PHYSIOLOGY)

REGENERATION (ENGINEERING)

UF REGENERATIVE CYCLES
 RT ∞ GENERATION
 POSITIVE FEEDBACK
 RECLAMATION
 ∞ REGENERATION

REGENERATION (PHYSIOLOGY)

UF BIOREGENERATION
 RT PHYSIOLOGY
 ∞ REGENERATION

REGENERATIVE COOLING

GS COOLING
 . **REGENERATIVE COOLING**
 RT HEAT EXCHANGERS
 PRECOOLING
 REGENERATORS

REGENERATIVE CYCLES

USE REGENERATION (ENGINEERING)

REGENERATIVE FEEDBACK

USE POSITIVE FEEDBACK

REGENERATIVE FUEL CELLS

GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . FUEL CELLS
 . . . **REGENERATIVE FUEL CELLS**
 ELECTROCHEMICAL CELLS
 . FUEL CELLS
 . . **REGENERATIVE FUEL CELLS**

REGENERATIVE FUEL CELLS--(cont.)

RT BIOCHEMICAL FUEL CELLS
 PHOSPHORIC ACID FUEL CELLS
 STORAGE BATTERIES

REGENERATORS

UF RECUPERATORS
 GS **REGENERATORS**
 . THERMOSIPHONS
 RT ENERGY STORAGE
 HEAT EXCHANGERS
 HEAT SINKS
 REGENERATIVE COOLING
 TUBE HEAT EXCHANGERS

REGGE POLES

RT ANGULAR MOMENTUM
 ∞ POLES
 POMERANCHUK THEOREM
 POMERONS
 SCATTERING CROSS SECTIONS

REGIMES

RT COMMUNITIES
 CULTURE (SOCIAL SCIENCES)
 ENVIRONMENTS
 GOVERNMENTS
 NATIONS
 POLITICS

REGIONAL PLANNING

GS PLANNING
 . **REGIONAL PLANNING**
 . . URBAN PLANNING
 RT CONSERVATION
 FARMLANDS
 FOREST MANAGEMENT
 FORESTS
 HARBORS
 HIGHWAYS
 INDUSTRIAL AREAS
 LAKES
 LAND MANAGEMENT
 MEGALOPOLISES
 PARKS
 RESIDENTIAL AREAS
 RURAL AREAS
 RURAL LAND USE
 ST LOUIS-KANSAS CITY CORRIDOR (MO)
 SUBURBAN AREAS
 URBAN DEVELOPMENT
 URBAN TRANSPORTATION

REGIONS

UF ZONES
 GS **REGIONS**
 . AURORAL ZONES
 . BRILLOUIN ZONES
 . CENTRAL ATLANTIC REGION (US)
 . D REGION
 . E REGION
 . . E-1 LAYER
 . . E-2 LAYER
 . . SPORADIC E LAYER
 . EQUATORIAL REGIONS
 . F REGION
 . . F 1 REGION
 . . F 2 REGION
 . FRESNEL REGION
 . GUTENBERG ZONE
 . HABITATS
 . INTERTROPICAL CONVERGENT ZONES
 . LUMBAR REGION
 . M REGION
 . NEW ENGLAND (US)
 . NULL ZONES
 . PACIFIC NORTHWEST (US)
 . PANAMA CANAL ZONE
 . PELAGIC ZONE
 . POLAR REGIONS
 . . ANTARCTIC REGIONS
 . . . MCMURDO SOUND
 . . . ROSS ICE SHELF
 . . ARCTIC REGIONS
 . REMOTE REGIONS
 . . ANTARCTIC REGIONS
 . . ARCTIC REGIONS
 . SAND HILLS REGION (GA-NC-SC)
 . SAND HILLS REGION (NE)
 . SCIATIC REGION
 . SOUTHEAST ASIA
 . SOUTHERN CALIFORNIA
 . SOUTHERN YEMEN
 . SUBARCTIC REGIONS
 . TEMPERATE REGIONS

REGIONS--(cont.)

. TROPICAL REGIONS
 . . AMAZON REGION (SOUTH AMERICA)
 RT ASTEROID BELTS
 ∞ BELTS
 BOUNDARIES
 CENTRAL AMERICA
 EARTH IONOSPHERE
 ∞ LAYERS
 RECOVERY ZONES
 ∞ SECTORS
 SITES

∞ REGISTERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT REGISTERS (AIR CIRCULATION)
 REGISTERS (COMPUTERS)

REGISTERS (AIR CIRCULATION)

RT COOLING SYSTEMS
 ∞ REGISTERS

REGISTERS (COMPUTERS)

GS COMPUTER STORAGE DEVICES
 . **REGISTERS (COMPUTERS)**
 . . ACCUMULATORS (COMPUTERS)
 RT CENTRAL PROCESSING UNITS
 ∞ RECORDERS
 ∞ REGISTERS
 SHIFT REGISTERS

REGOLITH

GS ROCKS
 . **REGOLITH**
 RT BASALT
 BEDROCK
 BRECCIA
 CARBONACEOUS ROCKS
 COAL
 EARTH MANTLE
 EARTH RESOURCES
 ENSTATITE
 GEOLOGY
 IGNEOUS ROCKS
 LAVA
 LITHOLOGY
 LUNAR GEOLOGY
 LUNAR MANTLE
 LUNAR ROCKS
 MAGMA
 OLIVINE
 PERIDOTITE
 PYROXENES
 ROCK INTRUSIONS
 SELENOLOGY
 STRATIGRAPHY

REGRESSION (STATISTICS)

USE REGRESSION ANALYSIS

REGRESSION ANALYSIS

UF REGRESSION (STATISTICS)
 GS STATISTICAL ANALYSIS
 . VARIANCE (STATISTICS)
 . . MULTIVARIATE STATISTICAL
 ANALYSIS
 . . . **REGRESSION ANALYSIS**
 RT AUTOREGRESSIVE PROCESSES
 CLUMPS
 CORRELATION
 COVARIANCE
 EXPERIMENT DESIGN
 FACTOR ANALYSIS
 FORECASTING
 LEAST SQUARES METHOD
 QUALITY CONTROL
 SIGNIFICANCE
 STATISTICAL TESTS
 VARIABILITY

REGRESSION COEFFICIENTS

GS COEFFICIENTS
 . **REGRESSION COEFFICIENTS**
 RT CORRELATION
 FORECASTING
 MATHEMATICAL MODELS
 QUALITY CONTROL

REGULARITY

RT CONTINUITY (MATHEMATICS)
 CONVERGENCE
 IRREGULARITIES
 ∞ NORMALIZING

REGULARITY--(cont.)

- ∞ PATTERNS
- PERIODIC VARIATIONS
- PHYSIOLOGY
- ∞ PROPERTIES
- TREND ANALYSIS

REGULATION

- USE CONTROL

REGULATIONS

- RT AIR LAW
- ALLOWANCES
- ∞ CONTROL
- COPYRIGHTS
- CRIME
- LAW (JURISPRUDENCE)
- LIABILITIES
- LICENSING
- PATENT POLICY
- PENALTIES
- POLICE
- POLICIES
- PROCUREMENT POLICY
- PROHIBITION
- RULES

REGULATORS

- SN (LIMITED TO DEVICES)
- GS **REGULATORS**
 - . CURRENT REGULATORS
 - . FLOW REGULATORS
 - . FUEL FLOW REGULATORS
 - . FREQUENCY CONTROL
 - . AUTOMATIC FREQUENCY CONTROL
 - . GIBBERELLINS
 - . OXYGEN REGULATORS
 - . PRESSURE REGULATORS
 - . RELIEF VALVES
 - . SPEED REGULATORS
 - . THERMOSTATS
 - . VOLTAGE REGULATORS
- RT ACTUATORS
- AUTOMATIC CONTROL
- AUTOMATIC CONTROL VALVES
- ∞ CONTROL
- CONTROLLERS
- CRYOSTATS
- SPEED CONTROL

REGULATORY MECHANISMS (BIOLOGY)

- SN (RESTRICTED TO THE REGULATION OF PHYSIOLOGICAL AND PHYSIOCHEMICAL PROCESSES--EXCLUDES ECOLOGICAL, GENETIC, OR BIOTECHNOLOGICAL REGULATION)
- RT BIOCONTROL SYSTEMS
- CALMODULIN
- ∞ CONTROL
- HORMONES
- THERMOREGULATION

REGULUS MISSILE

- GS MISSILES
 - . SURFACE TO SURFACE MISSILES
 - . **REGULUS MISSILE**
- RT SOLID PROPELLANT ROCKET ENGINES
- TURBOJET ENGINES

REHEATING

- USE HEATING

REIGNITION

- USE IGNITION

REINFORCED PLASTICS

- GS COMPOSITE MATERIALS
 - . POLYMER MATRIX COMPOSITES
 - . **REINFORCED PLASTICS**
 - . . . CARBON FIBER REINFORCED PLASTICS
 - . . . GLASS FIBER REINFORCED PLASTICS
 - . . . MICARTA PLASTICS
 - . **REINFORCED PLASTICS**
 - . . CARBON FIBER REINFORCED PLASTICS
 - . . GLASS FIBER REINFORCED PLASTICS
 - . . MICARTA
- RT AIRCRAFT SURVIVABILITY
- ARAMID FIBER COMPOSITES
- ARAMID FIBERS
- BORON FIBERS
- BORON REINFORCED MATERIALS

REINFORCED PLASTICS--(cont.)

- FIBER COMPOSITES
- GRAPHITE-EPOXY COMPOSITES
- HYBRID COMPOSITES
- LAMINATES
- REINFORCEMENT (STRUCTURES)
- THERMOSETTING RESINS

REINFORCED PLATES

- GS STRUCTURAL MEMBERS
 - . PLATES (STRUCTURAL MEMBERS)
 - . **REINFORCED PLATES**
- RT ANISOTROPIC PLATES
- CORRUGATED PLATES
- LAMINATES
- PLASTIC PLATES
- REINFORCEMENT (STRUCTURES)

REINFORCED SHELLS

- GS SHELLS (STRUCTURAL FORMS)
 - . **REINFORCED SHELLS**
- RT ANISOTROPIC SHELLS
- CORRUGATED SHELLS
- CYLINDRICAL SHELLS
- FLUID FILLED SHELLS
- HEMISPHERICAL SHELLS
- LIQUID FILLED SHELLS
- METAL SHELLS
- ORTHOTROPIC SHELLS
- PLASTIC SHELLS
- REINFORCEMENT (STRUCTURES)
- REINFORCEMENT RINGS
- SHELL STABILITY
- SPHERICAL SHELLS
- THIN WALLED SHELLS
- TOROIDAL SHELLS
- WIND TUNNEL WALLS

∞ REINFORCEMENT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT REINFORCEMENT (PSYCHOLOGY)
- REINFORCEMENT (STRUCTURES)

REINFORCEMENT (PSYCHOLOGY)

- GS **REINFORCEMENT (PSYCHOLOGY)**
 - . REWARD (PSYCHOLOGY)
- RT LEARNING
- MOTIVATION
- ∞ REINFORCEMENT
- SELF STIMULATION

REINFORCEMENT (STRUCTURES)

- RT BULKHEADS
- COMPOSITE MATERIALS
- FILLERS
- LONGERONS
- REINFORCED PLASTICS
- REINFORCED PLATES
- REINFORCED SHELLS
- ∞ REINFORCEMENT
- REINFORCEMENT RINGS
- RIBS (SUPPORTS)
- RIGID STRUCTURES
- RING STRUCTURES
- STIFFENING
- STRAKES
- STRINGERS
- STRUCTURAL MEMBERS
- STRUCTURAL STABILITY
- STRUCTURAL STRAIN
- SUPPORTS
- THICK WALLS
- WIRE
- WIRE CLOTH

REINFORCEMENT RINGS

- GS RING STRUCTURES
 - . **REINFORCEMENT RINGS**
- RT REINFORCED SHELLS
- REINFORCEMENT (STRUCTURES)
- RIBS (SUPPORTS)
- ∞ RINGS

REINFORCING FIBERS

- GS FIBERS
 - . **REINFORCING FIBERS**
 - . . ARAMID FIBERS
 - . . BORON FIBERS
 - . . CARBON FIBERS
- RT BORON REINFORCED MATERIALS
- BRAIDED COMPOSITES
- CARBON FIBER REINFORCED PLASTICS
- CARBON-CARBON COMPOSITES

REINFORCING FIBERS--(cont.)

- CERAMIC FIBERS
- CERAMIC MATRIX COMPOSITES
- COMPOSITE MATERIALS
- DACRON (TRADEMARK)
- DEBONDING (MATERIALS)
- FIBER COMPOSITES
- FIBER ORIENTATION
- FIBER VOLUME FRACTION
- GLASS FIBER REINFORCED PLASTICS
- GLASS FIBERS
- GRAPHITE-EPOXY COMPOSITES
- HYBRID COMPOSITES
- LAY-UP
- METAL FIBERS
- METAL MATRIX COMPOSITES
- MICROMECHANICS
- REINFORCING MATERIALS
- RESIN TRANSFER MOLDING
- SUPERHYBRID MATERIALS
- SYNTHETIC FIBERS
- WHISKER COMPOSITES
- WOVEN COMPOSITES

REINFORCING MATERIALS

- RT ARAMID FIBERS
- COMPOSITE MATERIALS
- FABRICS
- FIBER COMPOSITES
- FIBERS
- ∞ FILAMENTS
- ∞ MATERIALS
- MATRIX MATERIALS
- PARTICULATE REINFORCED COMPOSITES
- REINFORCING FIBERS

REISSNER THEORY

- RT PLATES (STRUCTURAL MEMBERS)
- STRESS ANALYSIS
- ∞ THEORIES

REISSNER-NORDSTROM SOLUTION

- RT ASTRONOMICAL MODELS
- BLACK HOLES (ASTRONOMY)
- CHARGED PARTICLES
- GRAVITATIONAL EFFECTS
- RELATIVITY

REJECTION

- RT ACCEPTABILITY
- ELIMINATION
- EVALUATION
- EXCLUSION
- REMOVAL
- SELECTION

∞ RELATIONSHIPS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF INTERRELATIONSHIPS
- RT APPROXIMATION
- DUALITY THEOREM
- HOMOLOGY
- STRESS-STRAIN RELATIONSHIPS

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)

- UF RBE
- GS BIOLOGICAL EFFECTS
 - . **RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)**
- RT ∞ BIOLOGY
- PHYSIOLOGICAL EFFECTS

RELATIVISTIC EFFECTS

- RT DIMENSIONS
- ∞ EFFECTS
- GRAVITATIONAL LENSES
- MASS
- RELATIVITY
- TIME
- VELOCITY

RELATIVISTIC ELECTRON BEAMS

- UF REB
- GS BEAMS (RADIATION)
 - . PARTICLE BEAMS
 - . . ELECTRON BEAMS
 - . . . **RELATIVISTIC ELECTRON BEAMS**
- PARTICLES
 - . CORPUSCULAR RADIATION
 - . . ELECTRON RADIATION
 - . . . ELECTRON BEAMS
 - **RELATIVISTIC ELECTRON BEAMS**

RELATIVISTIC ELECTRON BEAMS--(cont.)

- . RELATIVISTIC PARTICLES
- . . . **RELATIVISTIC ELECTRON BEAMS**
- RT BEAM PLASMA AMPLIFIERS
- BETA PARTICLES
- CONTROLLED FUSION
- DIFFRACTION RADIATION
- ELECTRON BOMBARDMENT
- ELECTRON SCATTERING
- INERTIAL FUSION (REACTOR)
- IONIZING RADIATION
- PLASMA HEATING
- PLASMA JETS
- PLASMA-PARTICLE INTERACTIONS

RELATIVISTIC PARTICLES

- GS PARTICLES
- . RELATIVISTIC PARTICLES
- . . . RELATIVISTIC ELECTRON BEAMS
- RT HAMILTON-JACOBI EQUATION

RELATIVISTIC PLASMAS

- GS PARTICLES
- . CHARGED PARTICLES
- . . . ENERGETIC PARTICLES
- . . . PLASMAS (PHYSICS)
- **RELATIVISTIC PLASMAS**
- RT ASTRON THERMONUCLEAR REACTOR
- BREMSSSTRAHLUNG
- COSMIC PLASMA
- ELECTRON PLASMA
- ELECTRON-POSITRON PLASMAS
- GRAVITATIONAL COLLAPSE
- HIGH TEMPERATURE PLASMAS
- PINCH EFFECT
- PLASMA JETS
- PLASMA RADIATION
- PLASMA-PARTICLE INTERACTIONS
- PONDEROMOTIVE FORCES

RELATIVISTIC THEORY

- UF WIGHTMAN THEORY
- RT ∞ THEORIES

RELATIVISTIC VELOCITY

- GS RATES (PER TIME)
- . RELATIVISTIC VELOCITY
- VELOCITY
- . RELATIVISTIC VELOCITY
- RT HIGH SPEED
- ∞ HYPERVELOCITY
- LIGHT SPEED
- PARTICLE MOTION

RELATIVITY

- UF GEOMETRODYNAMICS
- SPACE-TIME CONTINUUM
- RT BIG BANG COSMOLOGY
- CONTINUUMS
- DIFFERENTIAL GEOMETRY
- EVENT HORIZON
- FIELD THEORY (PHYSICS)
- GRAND UNIFIED THEORY
- GRAVITATIONAL LENSES
- GRAVITY PROBE B
- INERTIAL REFERENCE SYSTEMS
- LIGHT-CONE EXPANSION
- LORENTZ CONTRACTION
- NAKED SINGULARITIES
- NONRELATIVISTIC MECHANICS
- PARADOXES
- PONDEROMOTIVE FORCES
- QUANTUM MECHANICS
- REISSNER-NORDSTROM SOLUTION
- RELATIVISTIC EFFECTS
- SCHWARZSCHILD METRIC
- SPACE-TIME FUNCTIONS
- STRING THEORY
- SUPERGRAVITY
- TENSOR ANALYSIS
- UNIFIED FIELD THEORY

 ∞ RELAXATION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CROSS RELAXATION
- MOLECULAR RELAXATION
- REFRACTORY PERIOD
- RELAXATION (MECHANICS)
- RELAXATION (PHYSIOLOGY)
- RELAXATION METHOD (MATHEMATICS)

RELAXATION (MECHANICS)

- GS RELAXATION (MECHANICS)

RELAXATION (MECHANICS)--(cont.)

- . SPIN-LATTICE RELAXATION
- . . . STRESS RELAXATION
- RT ∞ EQUILIBRIUM
- EXPANSION
- MAGNETIC RELAXATION
- MOLECULAR RELAXATION
- NUCLEAR RELAXATION
- ∞ REDUCTION
- RELAXATION METHOD (MATHEMATICS)
- RELAXATION TIME
- RESIDUAL STRESS
- STRAIN ENERGY RELEASE RATE
- VISCOELASTICITY
- VISCOPLASTICITY

RELAXATION (PHYSIOLOGY)

- RT COMPRESSIBILITY EFFECTS
- MASSAGING
- RECREATION
- ∞ RELAXATION
- WORK-REST CYCLE

RELAXATION METHOD (MATHEMATICS)

- GS ANALYSIS (MATHEMATICS)
- . NUMERICAL ANALYSIS
- . . . APPROXIMATION
- . . . **RELAXATION METHOD**
- (MATHEMATICS)
- RT COMPUTATIONAL FLUID DYNAMICS
- ∞ METHODOLOGY
- ∞ RELAXATION
- RELAXATION (MECHANICS)

RELAXATION OSCILLATORS

- GS OSCILLATORS
- . RELAXATION OSCILLATORS
- . . . PHANTASTRONS

RELAXATION TIME

- GS TIME
- . RELAXATION TIME
- RT ∞ EQUILIBRIUM
- EXCITATION
- MAXWELL BODIES
- MOLECULAR RELAXATION
- SPIN-LATTICE RELAXATION
- TIME CONSTANT

 ∞ RELAY

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT DISCONNECT DEVICES
- ELECTRIC CONTACTS
- ELECTRIC RELAYS
- LOGIC CIRCUITS
- RADIO RELAY SYSTEMS
- REPEATERS

RELAY SATELLITES

- GS ARTIFICIAL SATELLITES
- . COMMUNICATION SATELLITES
- . . . **RELAY SATELLITES**
- . . . RELAY 1 SATELLITE
- . . . RELAY 2 SATELLITE
- RT ADVENT PROJECT
- THOR DELTA LAUNCH VEHICLE
- TRANSOCEANIC COMMUNICATION

RELAY 1 SATELLITE

- GS ARTIFICIAL SATELLITES
- . COMMUNICATION SATELLITES
- . . . RELAY SATELLITES
- . . . **RELAY 1 SATELLITE**

RELAY 2 SATELLITE

- GS ARTIFICIAL SATELLITES
- . COMMUNICATION SATELLITES
- . . . RELAY SATELLITES
- . . . **RELAY 2 SATELLITE**

RELEASING

- GS **RELEASING**
- . FIBER RELEASE
- RT DECOUPLING
- ∞ DISCHARGE
- DISCONNECT DEVICES
- DISPERSING
- DUMPING
- EJECTION
- EMISSION
- EMPTYING
- EXHAUST EMISSION

RELEASING--(cont.)

- MATERIALS HANDLING
- RELIEVING
- SCATTERING
- SPILLING
- UNLOADING
- VENTING

RELIABILITY

- GS **RELIABILITY**
- . AIRCRAFT RELIABILITY
- . CIRCUIT RELIABILITY
- . COMPONENT RELIABILITY
- . SOFTWARE RELIABILITY
- . . . COMPUTER PROGRAM INTEGRITY
- . SPACECRAFT RELIABILITY
- . STRUCTURAL RELIABILITY
- RT ACCEPTABILITY
- ACCURACY
- AIRCRAFT SURVIVABILITY
- ALLOWANCES
- ASSURANCE
- CENSORED DATA (MATHEMATICS)
- COMPUTER SYSTEMS PERFORMANCE
- CONFIDENCE
- CONFIDENCE LIMITS
- CONSISTENCY
- CUMULATIVE DAMAGE
- ∞ DESIGN
- DESIGN ANALYSIS
- DOWNTIME
- DURABILITY
- DYNAMIC CHARACTERISTICS
- ERRORS
- ESTIMATES
- EXPECTATION
- FAILURE ANALYSIS
- FORECASTING
- MAINTAINABILITY
- MAINTENANCE
- MAXIMUM LIKELIHOOD ESTIMATES
- MECHANICAL PROPERTIES
- MISSILE DESIGN
- MTBF
- NONDESTRUCTIVE TESTS
- ∞ PERFORMANCE
- PERFORMANCE PREDICTION
- PRECISION
- PRELAUNCH PROBLEMS
- PROBABILITY THEORY
- PRODUCT DEVELOPMENT
- PRODUCTION MANAGEMENT
- PRODUCTIVITY
- QUALITY
- QUALITY CONTROL
- REDUNDANCY
- REDUNDANT COMPONENTS
- RISK
- SAFETY FACTORS
- SAMPLING
- SPECIFICATIONS
- STABILITY
- STANDARDS
- STATISTICAL ANALYSIS
- STATISTICAL DISTRIBUTIONS
- STATISTICAL TESTS
- ∞ STATISTICS
- SYSTEM EFFECTIVENESS
- SYSTEMS COMPATIBILITY
- SYSTEMS ENGINEERING
- ∞ TESTS
- TOLERANCES (MECHANICS)
- TOTAL QUALITY MANAGEMENT
- VALIDITY
- VARIABILITY
- VULNERABILITY

RELIABILITY ANALYSIS

- RT ∞ ANALYZING
- DESIGN ANALYSIS
- PERFORMANCE PREDICTION
- SOFTWARE RELIABILITY
- TREND ANALYSIS

RELIABILITY CONTROL

- USE QUALITY CONTROL
- RELIABILITY ENGINEERING

RELIABILITY ENGINEERING

- UF RELIABILITY CONTROL
- RT COMPLEX SYSTEMS
- ∞ ENGINEERING
- FAULT DETECTION
- FAULT TOLERANCE
- PERFORMANCE PREDICTION

RELIABILITY ENGINEERING--(cont.)

QUALITY CONTROL
SNEAK CIRCUIT ANALYSIS
SYSTEM EFFECTIVENESS
SYSTEM IDENTIFICATION
SYSTEMS COMPATIBILITY
SYSTEMS ENGINEERING
TOTAL QUALITY MANAGEMENT
VALUE ENGINEERING

RELIC RADIATION

RT ASTRONOMY
ASTROPHYSICS
BACKGROUND RADIATION
BIG BANG COSMOLOGY
EXTRATERRESTRIAL RADIATION
∞ RADIATION
UNIVERSE

RELIEF MAPS

GS MAPS
RELIEF MAPS
RT HYPSOGRAPHY
PHOTOGRAMMETRY
PHOTOMAPS
TOPOGRAPHY

RELIEF VALVES

GS REGULATORS
RELIEF VALVES
VALVES
AUTOMATIC CONTROL VALVES
RELIEF VALVES
RT AUTOMATIC CONTROL
BYPASSES
FUEL TANK PRESSURIZATION
FUEL VALVES
GAS VALVES
HYDRAULIC EQUIPMENT
PRESSURE REGULATORS
REACTOR SAFETY
VENTING
VENTS

RELIEVING

GS RELIEVING
STRESS RELIEVING
RT ∞ DISCHARGE
EXHAUSTING
PURGING
RELEASING

RELOCATION

RT INSTALLING
POSITIONING
REPLACING

RELUCTANCE

UF RELUCTIVITY
GS MAGNETIC PROPERTIES
RELUCTANCE
RT MAGNETIC PERMEABILITY
MAGNETORESISTIVITY

RELUCTIVITY

USE RELUCTANCE

REMAGNETIZATION

USE MAGNETIZATION

REMANENCE

GS MAGNETIC PROPERTIES
REMANENCE
RT FLUX DENSITY
PALEOMAGNETISM

REMELTING

USE MELTING

REMODULATION

RT DEMODULATION
INTERMODULATION
MODULATION

REMOTE CONSOLES

GS CONSOLES
REMOTE CONSOLES
DATA PROCESSING EQUIPMENT
PERIPHERAL EQUIPMENT
(COMPUTERS)
REMOTE CONSOLES
RT COMPUTER COMPONENTS
COMPUTER GRAPHICS
DATA LINKS

REMOTE CONSOLES--(cont.)

DATA PROCESSING TERMINALS
DISPLAY DEVICES
PLOTTERS
READOUT

REMOTE CONTROL

UF ELECTROMAGNETIC CONTROL
GS REMOTE CONTROL
RADIO CONTROL
RT AIRCRAFT CONTROL
ANTIRADIATION MISSILES
ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ AUTOMATION
CASCADE CONTROL
∞ CONTROL
CONTROL BOARDS
CONTROLLERS
DIGITAL COMMAND SYSTEMS
DYNAMIC CHARACTERISTICS
ELECTRIC CONTROL
ELECTRONIC CONTROL
ENGINE CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
GUIDANCE (MOTION)
HYDRAULIC CONTROL
∞ INSTRUMENTS
KALMAN-SCHMIDT FILTERING
MANIPULATORS
MANUAL CONTROL
MISSILE CONTROL
OPTICAL CONTROL
PNEUMATIC CONTROL
REMOTE MANIPULATOR SYSTEM
ROCKET ENGINE CONTROL
SATELLITE CONTROL
SERVOCONTROL
SERVOMECHANISMS
SPACECRAFT CONTROL
TELEOPERATORS
TELEROBOTICS
TEMPERATURE CONTROL
TURBOJET ENGINE CONTROL
VISUAL CONTROL

REMOTE HANDLING

UF TELECHIRICS
GS MATERIALS HANDLING
REMOTE HANDLING
RT MANIPULATORS
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
TELEOPERATORS

REMOTE MANIPULATOR SYSTEM

GS MANIPULATORS
REMOTE MANIPULATOR SYSTEM
PAYLOAD DEPLOYMENT & RETRIEVAL
SYSTEM
REMOTE MANIPULATOR SYSTEM
RT PAYLOAD RETRIEVAL (STS)
REMOTE CONTROL
SPACE MAINTENANCE
SPACE TRANSPORTATION SYSTEM
∞ SYSTEMS

REMOTE REGIONS

GS REGIONS
REMOTE REGIONS
ANTARCTIC REGIONS
ARCTIC REGIONS
RT DESERTS
MOJAVE DESERT (CA)
OFFSHORE REACTOR SITES
SAHARA DESERT (AFRICA)
WILDERNESS

REMOTE SENSING

GS DETECTION
REMOTE SENSING
RT AEROMAGNETISM
AIRBORNE RADAR
BAND RATIOING
CHANGE DETECTION
CLUSTER ANALYSIS
COASTAL ZONE COLOR SCANNER
DESERTIFICATION
DIFFERENTIAL ABSORPTION LIDAR
DMSP SATELLITES
EARTH OBSERVING SYSTEM (EOS)
EARTH RESOURCES
FEATURE IDENTIFICATION AND
LOCATION EXPR

REMOTE SENSING--(cont.)

FIRE (CLIMATOLOGY)
GEOGRAPHIC INFORMATION SYSTEMS
IMAGE ANALYSIS
IMAGE CLASSIFICATION
IMAGING SPECTROMETERS
IN SITU MEASUREMENT
ISCCP PROJECT
LEAF AREA INDEX
MAPSAT
MULTISENSOR APPLICATIONS
MULTISPECTRAL RESOURCE SAMPLER
OSTA-3 PAYLOAD
PIXELS
PLANETARY GEOLOGY
PLANT STRESS
RECOGNITION
SHUTTLE IMAGING RADAR
SPACE STATION POLAR PLATFORMS
SWATH WIDTH
THEMATIC MAPPERS (LANDSAT)
VEGETATIVE INDEX

REMOTE SENSORS

GS REMOTE SENSORS
THEMATIC MAPPERS (LANDSAT)
RT ADVANCED VERY HIGH RESOLUTION
RADIOMETER
AGRICULTURE PROJECT
AIRBORNE LASERS
AIRBORNE RADAR
AUTOMATIC WEATHER STATIONS
COASTAL ZONE COLOR SCANNER
CROP IDENTIFICATION
CROP INVENTORIES
DATA ACQUISITION
DATA COLLECTION PLATFORMS
∞ DETECTORS
EARTH RESOURCES
EARTHNET
EROS (SATELLITES)
FEATURE IDENTIFICATION AND
LOCATION EXPR
GEOGRAPHIC APPLICATIONS PROGRAM
HAZE DETECTION
IMAGE CLASSIFICATION
IMAGING RADAR
MEASURING INSTRUMENTS
MULTISENSOR APPLICATIONS
OCEAN COLOR SCANNER
∞ PROBES
RADIOMETRIC RESOLUTION
SATELLITE-BORNE INSTRUMENTS
∞ SENSORS
SPACEBORNE LASERS
TRANSDUCERS
WILDLIFE RADIOLOCATION

REMOTELY PILOTED VEHICLES

UF RPV
RT ∞ AIRCRAFT
DAST PROGRAM
DRONE AIRCRAFT
HIGHLY MANEUVERABLE AIRCRAFT
JINDIVIK TARGET AIRCRAFT
OBLIQUE WINGS
ORBITAL MANEUVERING VEHICLES
PILOTLESS AIRCRAFT
TARGET DRONE AIRCRAFT
VATOL AIRCRAFT
∞ VEHICLES

REMOVAL

RT ANODIC STRIPPING
CANCELLATION
CARBON DIOXIDE REMOVAL
CLEARING
DELETION
DEPLETION
DISPOSAL
DISSIPATION
EJECTION
EMPTYING
EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)
EXHAUSTING
EXPULSION
EXTRACTION
MATERIALS RECOVERY
∞ REDUCTION
REJECTION
∞ SEPARATION
UNLOADING
WEAR

REMS
USE RAPID EYE MOVEMENT STATE

RENAL CALCULI
USE CALCULI

RENAL FUNCTION
RT ∞ FUNCTIONS
GLOMERULUS
KIDNEYS

RENDEZVOUS
GS **RENDEZVOUS**
. SPACE RENDEZVOUS
. . . ORBITAL RENDEZVOUS
. . . EARTH ORBITAL RENDEZVOUS
. . . LUNAR ORBITAL RENDEZVOUS
RT APOLLO SOYUZ TEST PROJECT
FLIGHT MECHANICS
INTERCEPTION
ORBITAL MECHANICS

RENDEZVOUS GUIDANCE
GS GUIDANCE (MOTION)
. **RENDEZVOUS GUIDANCE**
RT COMMAND GUIDANCE
HOMING DEVICES
INJECTION GUIDANCE
MIDCOURSE GUIDANCE
ORBITAL RENDEZVOUS
SATELLITE GUIDANCE
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE

RENDEZVOUS SPACECRAFT
GS MANEUVERABLE SPACECRAFT
. **RENDEZVOUS SPACECRAFT**
RT COLUMBUS SPACE STATION
COMMAND GUIDANCE
FERRY SPACECRAFT
INTERPLANETARY SPACECRAFT
LUNAR SPACECRAFT
MANNED SPACECRAFT
MILITARY SPACECRAFT
ORBITAL RENDEZVOUS
RECOVERABLE SPACECRAFT
SPACE CAPSULES
SPACE STATIONS
SPACECREW TRANSFER
UNMANNED SPACECRAFT

RENDEZVOUS TRAJECTORIES
GS TRAJECTORIES
. **RENDEZVOUS TRAJECTORIES**
RT ASCENT TRAJECTORIES
CIRCULUNAR TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
EARTH-MOON TRAJECTORIES
FLIGHT MECHANICS
INTERPLANETARY TRAJECTORIES
ORBITAL MECHANICS
ORBITAL RENDEZVOUS
SPACE RENDEZVOUS
SPACECRAFT DOCKING
SPACECRAFT TRAJECTORIES

RENE 41
GS ALLOYS
. CHROMIUM ALLOYS
. . **RENE 41**
. COBALT ALLOYS
. . **RENE 41**
. HEAT RESISTANT ALLOYS
. . REFRACTORY METAL ALLOYS
. . . MOLYBDENUM ALLOYS
. . . **RENE 41**
. NICKEL ALLOYS
. . **RENE 41**
REFRACTORY MATERIALS
. REFRACTORY METAL ALLOYS
. . MOLYBDENUM ALLOYS
. . **RENE 41**
RT WROUGHT ALLOYS

RENE 63
GS ALLOYS
. CHROMIUM ALLOYS
. . **RENE 63**
. COBALT ALLOYS
. . **RENE 63**
. HEAT RESISTANT ALLOYS
. . REFRACTORY METAL ALLOYS
. . . MOLYBDENUM ALLOYS
. . . **RENE 63**
. NICKEL ALLOYS

RENE 63--(cont.)
. . **RENE 63**
REFRACTORY MATERIALS
. REFRACTORY METAL ALLOYS
. . MOLYBDENUM ALLOYS
. . . **RENE 63**
RT WROUGHT ALLOYS

RENE 77
GS ALLOYS
. CHROMIUM ALLOYS
. . **RENE 77**
. COBALT ALLOYS
. . **RENE 77**
. HEAT RESISTANT ALLOYS
. . REFRACTORY METAL ALLOYS
. . . MOLYBDENUM ALLOYS
. . . **RENE 77**
. NICKEL ALLOYS
. . **RENE 77**
REFRACTORY MATERIALS
. REFRACTORY METAL ALLOYS
. . MOLYBDENUM ALLOYS
. . **RENE 77**
RT WROUGHT ALLOYS

RENE 95
GS ALLOYS
. CHROMIUM ALLOYS
. . **RENE 95**
. COBALT ALLOYS
. . **RENE 95**
. NICKEL ALLOYS
. . **RENE 95**

RENORMALIZATION GROUP METHODS
RT MONTE CARLO METHOD
NORMALIZING (STATISTICS)
STATISTICAL MECHANICS
TURBULENCE MODELS

REORIENTATION
USE RETRAINING

REPAIRING
USE MAINTENANCE

REPEATERS
UF INTERPOLATORS
GS TRANSMITTERS
. **REPEATERS**
RT AMPLIFIERS
RADAR RECEIVERS
RECEIVERS
∞ RELAY
∞ TRANSLATORS

REPETITION
RT COUNTING
PATTERN RECOGNITION
REDUNDANCY ENCODING

REPLACING
RT DAMAGE ASSESSMENT
INSTALLING
MAINTENANCE
RELOCATION
REPLENISHMENT
SUBSTITUTES

REPLENISHMENT
RT FILLING
INPUT
∞ LOADING
REFILLING
REFUELING
REPLACING

REPLICAS
RT ELECTRON MICROSCOPES
METALLOGRAPHY
MODELS
REPRODUCTION (COPYING)

REPORT GENERATORS
RT COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
∞ GENERATORS
USER MANUALS (COMPUTER PROGRAMS)

REPORTS
GS **REPORTS**
. CONGRESSIONAL REPORTS

REPORTS--(cont.)
. POSTLAUNCH REPORTS
. PRESIDENTIAL REPORTS
. WAGE SURVEYS
RT AEROSPACE TECHNOLOGY TRANSFER
CONFERENCES
∞ DISCUSSION
DOCUMENTATION
DOCUMENTS
INFORMATION
INFORMATION DISSEMINATION
PAPERS
PROPOSALS
RECORDS
SUMMARIES
SUPPLEMENTS
TECHNOLOGY TRANSFER

REPRESENTATIONS
RT CHARACTERIZATION
DESCRIPTIONS
DRAWINGS
GRAPHS (CHARTS)
IMAGES
PHOTOGRAPHS
SIGNATURES

∞ **REPRODUCTION**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT FERTILIZATION
REPRODUCTION (BIOLOGY)
REPRODUCTION (COPYING)
REPRODUCTIVE SYSTEMS

REPRODUCTION (BIOLOGY)
RT ∞ BIOLOGY
BIRTH
BREEDING (REPRODUCTION)
CELL DIVISION
EMBRYOLOGY
FERTILITY
FETUSES
MITOSIS
PROGENY
∞ REPRODUCTION
REPRODUCTIVE SYSTEMS
SEX GLANDS

REPRODUCTION (COPYING)
UF DUPLICATING
GS IMAGERY
. **REPRODUCTION (COPYING)**
. . XEROGRAPHY
RT BLUEPRINTS
DOCUMENT STORAGE
DRAWINGS
ENGINEERING DRAWINGS
LITHOGRAPHY
MICROFILMS
PHOTOGRAPHIC PROCESSING
EQUIPMENT
PHOTOGRAPHY
PRINTING
REPLICAS
∞ REPRODUCTION
STENCIL PROCESSES

REPRODUCTIVE SYSTEMS
GS ANATOMY
. GENITOURINARY SYSTEM
. . **REPRODUCTIVE SYSTEMS**
. . . SEX GLANDS
. . . . GONADS
. . . . OVARIES
. . . . TESTES
. . . . PROSTATE GLAND
. . . UTERUS
RT BIRTH
CHROMOSOMES
FERTILITY
FETUSES
∞ REPRODUCTION
REPRODUCTION (BIOLOGY)
∞ SYSTEMS

REPTILES
GS ANIMALS
. VERTEBRATES
. . **REPTILES**
. . . LIZARDS
. . . SNAKES
. . . TURTLES
RT POIKILOthermia

REPUBLIC AIRCRAFT

- GS **REPUBLIC AIRCRAFT**
 - . A-10 AIRCRAFT
 - . F-84 AIRCRAFT
 - . F-105 AIRCRAFT
- RT ∞ AIRCRAFT

REPUBLIC MILITARY AIRCRAFT

- USE MILITARY AIRCRAFT

REPUBLIC OF CHINA

- USE TAIWAN

REPUBLIC OF KOREA

- USE SOUTH KOREA

REPUBLIC OF SOUTH AFRICA

- UF SOUTH AFRICA
- GS NATIONS
 - . **REPUBLIC OF SOUTH AFRICA**
- RT AFRICA
 - . BOTSWANA
 - . KALAHARI BASIN (AFRICA)
 - . LESOTHO
 - . NAMIBIA
 - . SWAZILAND

REPUBLIC OF VIETNAM

- USE VIETNAM

REPULSION

- USE FORCE

REQUIREMENTS

- RT SPECIFICATIONS
- USER REQUIREMENTS

RESCUE OPERATIONS

- RT AERONAUTICAL SATELLITES
 - . COSPAS
 - . MAROTS (ESA)
- ∞ OPERATIONS
 - . SARSAT
 - . SPACECRAFT RECOVERY

RESEARCH

- GS **RESEARCH**
 - . DYNAMIC PROGRAMMING
 - . HIGH TEMPERATURE RESEARCH
 - . LINEAR PROGRAMMING
 - . LOW DENSITY RESEARCH
 - . MARKET RESEARCH
 - . NONLINEAR PROGRAMMING
 - . NUCLEAR RESEARCH
 - . QUADRATIC PROGRAMMING
- RT CRITICAL PATH METHOD
 - ∞ DESIGN
 - . ETHICS
 - . EXPLORATION
 - . INTERSERVICE DATA EXCHANGE PROGRAM
 - . INVESTIGATION
 - . MINIMAX TECHNIQUE
 - ∞ RESEARCH PROJECTS

RESEARCH AIRCRAFT

- UF EXPERIMENTAL AIRCRAFT
- ORNITHOPTER AIRCRAFT
- GS **RESEARCH AIRCRAFT**
 - . AVIAN 2/180 AUTOGIRO
 - . AVRO 707 AIRCRAFT
 - . B-70 AIRCRAFT
 - . BREGUET 940 AIRCRAFT
 - . C-8A AUGMENTOR WING AIRCRAFT
 - . D-558 AIRCRAFT
 - . FD 2 AIRCRAFT
 - . FIREBEE 2 TARGET DRONE AIRCRAFT
 - . H-17 HELICOPTER
 - . H-126 AIRCRAFT
 - . HP-115 AIRCRAFT
 - . NORD 1500 AIRCRAFT
 - . QUESTOL AIRCRAFT
 - . ROTOR SYSTEMS RESEARCH AIRCRAFT
 - . SC-1 AIRCRAFT
 - . U-2 AIRCRAFT
 - . VZ-2 AIRCRAFT
 - . VZ-8 AIRCRAFT
 - . X-1 AIRCRAFT
 - . X-2 AIRCRAFT
 - . X-3 AIRCRAFT
 - . X-5 AIRCRAFT
 - . X-13 AIRCRAFT
 - . X-14 AIRCRAFT

RESEARCH AIRCRAFT--(cont.)

- . X-15 AIRCRAFT
- . X-19 AIRCRAFT
- . X-20 AIRCRAFT
- . X-21 AIRCRAFT
- . X-21A AIRCRAFT
- . X-22 AIRCRAFT
- . X-22A AIRCRAFT
- . X-24 AIRCRAFT
- . XH-51 HELICOPTER
- . XV-4 AIRCRAFT
- . XV-5 AIRCRAFT
- . XV-8A AIRCRAFT
- . XV-9A AIRCRAFT
- . XV-11A AIRCRAFT
- RT AEROSPACE PLANES
 - ∞ AIRCRAFT
 - . DRONE AIRCRAFT
 - . FAN IN WING AIRCRAFT
 - . FLIGHT TEST VEHICLES
 - . FLYING PLATFORMS
 - . GROUND EFFECT MACHINES
 - . HOVERCRAFT GROUND EFFECT MACHINES
 - . HYPERSONIC AIRCRAFT
 - . JET AIRCRAFT
 - . JOINED WINGS
 - . METEOROLOGICAL RESEARCH AIRCRAFT
 - . MILITARY AIRCRAFT
 - . NUCLEAR PROPELLED AIRCRAFT
 - . ROCKET PLANES
 - . SUBMERSIBLE AIRCRAFT
 - . SUPERSONIC AIRCRAFT
 - . TAILLESS AIRCRAFT
 - . TANDEM WING AIRCRAFT
 - . TEST VEHICLES
 - . TILT WING AIRCRAFT
 - . V/STOL AIRCRAFT
 - . VERTICAL TAKEOFF AIRCRAFT
 - ∞ WINGED VEHICLES
 - . YF-12 AIRCRAFT

RESEARCH AND DEVELOPMENT

- RT ∞ DESIGN
 - . INVESTIGATION
 - . MANAGEMENT PLANNING
 - . OPERATIONS RESEARCH
 - . OUTER SPACE TREATY PROGRAMS
 - . PROJECT MANAGEMENT
 - . PROPOSALS
 - ∞ RESEARCH PROJECTS
 - . SYSTEMS ENGINEERING
 - . TECHNOLOGY UTILIZATION
 - . WEAPONS DEVELOPMENT

RESEARCH FACILITIES

- RT ∞ FACILITIES
 - . LABORATORIES
 - ∞ RESEARCH PROJECTS
 - . SPACE INDUSTRIALIZATION
 - . SPACE LABORATORIES
 - . TEST FACILITIES

RESEARCH MANAGEMENT

- GS MANAGEMENT
 - . **RESEARCH MANAGEMENT**
- RT ALLOCATIONS
 - . BLOCK DIAGRAMS
 - ∞ BUDGETS
 - . ENGINEERING MANAGEMENT
 - . FEASIBILITY ANALYSIS
 - . GOALS
 - . INDUSTRIAL MANAGEMENT
 - . MANPOWER
 - . OPERATIONS RESEARCH
 - . PERSONNEL
 - . PRIORITIES

∞ RESEARCH PROJECTS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CHINESE SPACE PROGRAM
 - . EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
 - . FRENCH SPACE PROGRAM
 - . INDIAN SPACE PROGRAM
 - . JAPANESE SPACE PROGRAM
 - . MANAGEMENT
 - . NASA PROGRAMS
 - . PROGRAMS
 - . PROJECT MANAGEMENT
 - . PROJECTS

RESEARCH PROJECTS--(cont.)

- RESEARCH
- RESEARCH AND DEVELOPMENT
- RESEARCH FACILITIES
- SPACE PROGRAMS
- SPHINX

RESEARCH VEHICLES

- SN (VEHICLES DESIGNED TO BE SUBJECTS OF RESEARCH--NOT RESEARCH EQUIPMENT CONTAINERS)
- GS **RESEARCH VEHICLES**
 - . AUTOMATED MIXED TRAFFIC VEHICLES
 - . UNDERWATER RESEARCH LABORATORIES
 - . X-30 VEHICLE
- RT BOATS
 - . ELECTRIC MOTOR VEHICLES
- ∞ FLIGHT VEHICLES
 - . LUNAR ROVING VEHICLES
- ∞ MILITARY VEHICLES
 - . ROVING VEHICLES
 - . SHIPS
 - . SPACE LABORATORIES
- ∞ SPACECRAFT
 - . SURFACE EFFECT SHIPS
 - . UNDERWATER VEHICLES
- ∞ VEHICLES
 - . WATER VEHICLES

RESERPINE

- GS BASES (CHEMICAL)
 - . ALKALOIDS
 - . . . **RESERPINE**
 - . DRUGS
 - . PENTOBARBITAL SODIUM
 - . . . **RESERPINE**
 - . NITROGEN COMPOUNDS
 - . ALKALOIDS
 - . . . **RESERPINE**
 - . ORGANIC COMPOUNDS
 - . CYCLIC COMPOUNDS
 - . . . HETEROCYCLIC COMPOUNDS
 - . . . ALKALOIDS
 - **RESERPINE**
- RT ANTIHYPERTENSIVE AGENTS

RESERVES

- RT ABUNDANCE
 - . AVAILABILITY
 - . BACKUPS
 - . CONTINGENCY
 - . CRUDE OIL
 - . ECONOMIC FACTORS
 - . ENERGY POLICY
 - . ESTIMATES
 - . ESTIMATING
 - . EVALUATION
 - . EXPLOITATION
 - . EXPLORATION
 - . FORECASTING
 - . INVENTORIES
 - . INVENTORY CONTROLS
 - ∞ MATERIALS
 - . MINERAL DEPOSITS
 - . MINES (EXCAVATIONS)
 - ∞ PRODUCTION
 - . RESOURCES
 - . STOCKPILING
 - ∞ STORAGE

RESERVOIRS

- SN (FOR SURFACE WATER STORAGE--NOT OIL OR GAS POOLS)
- RT DAMS
 - . EVAPORATION
 - . FRESH WATER
 - . LAGOONS
 - . LAKE TEXOMA (OK-TX)
 - . LAKES
 - . PONDS
 - . RIVERS
 - . SOLAR PONDS (HEAT STORAGE)
 - . STREAMS
 - . WATER RESOURCES
 - . WINDPOWERED PUMPS

RESIDENTIAL AREAS

- RT CITIES
 - . INHABITANTS
 - . LAND
 - . LAND USE
 - . MEGALOPOLISES
 - . REGIONAL PLANNING

RESIDENTIAL AREAS--(cont.)

RURAL AREAS
SUBURBAN AREAS
URBAN DEVELOPMENT

RESIDENTIAL ENERGY

RT ENERGY CONSERVATION
ENERGY TECHNOLOGY
HEAT PUMPS
SOLAR COOLING
SOLAR HEATING
SOLAR HOUSES
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
WATER HEATING

RESIDUAL GAS

GS GASES
RT **RESIDUAL GAS**
GETTERS
HIGH VACUUM
OUTGASSING
PARTIAL PRESSURE
ULTRAHIGH VACUUM
VACUUM APPARATUS
VACUUM TUBES

RESIDUAL STRENGTH

RT CRACK PROPAGATION
FATIGUE (MATERIALS)
FRACTURE MECHANICS
FRACTURE STRENGTH
RESIDUAL STRESS
 ∞ STRENGTH
TENSILE STRENGTH

RESIDUAL STRESS

UF INTERNAL STRESS
GS STRESSES
RT **RESIDUAL STRESS**
CREEP PROPERTIES
MACHINING
RELAXATION (MECHANICS)
RESIDUAL STRENGTH
STRAIN HARDENING
STRESS RELAXATION
STRESS RELIEVING
STRESS-STRAIN RELATIONSHIPS
TEMPERATURE INVERSIONS

RESIDUES

RT ASHES
ORGANIC WASTES (FUEL CONVERSION)
REACTION PRODUCTS
SOLID WASTES
WASTE TREATMENT
WASTE WATER
WASTES

RESILIENCE

GS MECHANICAL PROPERTIES
RT **RESILIENCE**
COMPRESSIVE STRENGTH
ELASTIC PROPERTIES
SHEAR PROPERTIES
SPRINGS (ELASTIC)
TENSILE STRENGTH

RESIN BONDING

GS BONDING
RT **RESIN BONDING**
ADHESIVE BONDING
METAL BONDING
METAL-METAL BONDING

RESIN MATRIX COMPOSITES

GS COMPOSITE MATERIALS
RESIN MATRIX COMPOSITES
BORON-EPOXY COMPOSITES
CARBON-PHENOLIC COMPOSITES
GRAPHITE-EPOXY COMPOSITES
RT ARAMID FIBERS
BISMALEIMIDE
EPOXY RESINS
HYBRID COMPOSITES
MATRIX MATERIALS
METAL MATRIX COMPOSITES
PEEK
POLYIMIDE RESINS
POLYMER MATRIX COMPOSITES
PREPREGS
PULTRUSION
RESIN TRANSFER MOLDING
RESINS
SHEET MOLDING COMPOUNDS

RESIN TRANSFER MOLDING

UF RTM (COMPOSITE MATERIALS)
GS FORMING TECHNIQUES
RT **RESIN TRANSFER MOLDING**
CASTING
COMPOSITE MATERIALS
CURING
FABRICATION
FIBER COMPOSITES
INJECTION MOLDING
MATRIX MATERIALS
MOLDING MATERIALS
MOLDS
POLYMER MATRIX COMPOSITES
PREFORMS
REINFORCING FIBERS
RESIN MATRIX COMPOSITES

RESINS

GS **RESINS**
ALKYD RESINS
ION EXCHANGE RESINS
POLYIMIDE RESINS
POLYURETHANE RESINS
SILICONE RESINS
SYNTHETIC RESINS
ADDITION RESINS
ACRYLIC RESINS
VINYL COPOLYMERS
POLYESTER RESINS
POLYETHER RESINS
PEEK
POLYMETHYL METHACRYLATE
THERMOPLASTIC RESINS
PEEK
QUINOXALINES
THERMOPLASTIC FILMS
THERMOSETTING RESINS
EPOXY RESINS
PHENOLIC EPOXY RESINS
FURAN RESINS
POLYAMIDE RESINS
KEVLAR (TRADEMARK)
PHENOLIC RESINS
MICARTA
PHENOLIC EPOXY RESINS
RT ACRYLATES
BAKELITE (TRADEMARK)
BISMALEIMIDE
DELIRIN (TRADEMARK)
FILLERS
LEXAN (TRADEMARK)
MELAMINE
PARAPLASTS
 ∞ PATTERNS
PHENOL FORMALDEHYDE
PHLOROGLUCINOL
PLASTISOLS
RESIN MATRIX COMPOSITES
TEFLON (TRADEMARK)

 ∞ RESISTANCE

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF CONDUCTANCE
RT RESISTANCE COEFFICIENTS
ABRASION RESISTANCE
ACCELERATION TOLERANCE
ACOUSTIC PROPERTIES
AERODYNAMIC DRAG
CHEMICAL PROPERTIES
CONSTRICTIONS
CONTACT RESISTANCE
CORROSION RESISTANCE
CRACK PROPAGATION
CREEP STRENGTH
DAMPING
DIFFUSIVITY
DURABILITY
EARTHQUAKE RESISTANCE
ELECTRICAL PROPERTIES
ELECTRICAL RESISTANCE
ELECTRICAL RESISTIVITY
FLAMMABILITY
FLOW RESISTANCE
FRACTURE STRENGTH
FUSIBILITY
 ∞ HIGH RESISTANCE
IMMUNITY
IMPACT RESISTANCE
IMPACT STRENGTH
IMPEDANCE
KAPITZA RESISTANCE
LIFE (DURABILITY)

RESISTANCE--(cont.)

∞ LOW RESISTANCE
MAGNETORESISTIVITY
MOISTURE RESISTANCE
NEGATIVE RESISTANCE CIRCUITS
NEGATIVE RESISTANCE DEVICES
OXIDATION RESISTANCE
PERMEABILITY
PREVENTION
PROTECTION
QUALITY
RADIATION TOLERANCE
RESISTANCE THERMOMETERS
RETARDING
SENSITIVITY
SHOCK RESISTANCE
SKIN RESISTANCE
STABILITY
THERMAL RESISTANCE
TOLERANCES (PHYSIOLOGY)
TRANSDUCANCE
VULNERABILITY
WAVE RESISTANCE
WEAR RESISTANCE

RESISTANCE COEFFICIENTS

USE RESISTANCE

RESISTANCE HEATING

UF JOULE HEATING
GS HEATING
RT **RESISTANCE HEATING**
ARC HEATING
ELECTROSLAG REFINING
GAS HEATING
LEVITATION MELTING

RESISTANCE THERMOMETERS

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
THERMOMETERS
RT **RESISTANCE THERMOMETERS**
BOLOMETERS
OHMMETERS
 ∞ RESISTANCE
TEMPERATURE MEASUREMENT
THERMOCOUPLE PYROMETERS

RESISTIVITY

USE ELECTRICAL RESISTIVITY

RESISTOJET ENGINES

UF RESISTOJETS
GS ENGINES
ROCKET ENGINES
ELECTRIC ROCKET ENGINES
ELECTROTHERMAL ENGINES
RT **RESISTOJET ENGINES**
ARC JET ENGINES
PLASMA ENGINES
PULSED JET ENGINES
SPACE STATION PROPULSION

RESISTOJETS

USE RESISTOJET ENGINES

RESISTORS

UF TUNNEL RESISTORS
GS ATTENUATORS
RESISTORS
POTENTIOMETERS (RESISTORS)
PRINTED RESISTORS
THERMISTORS
RT BALLASTS (IMPEDANCES)
ELECTRIC CONDUCTORS
ELECTRIC FILTERS
ELECTRIC REACTORS
 ∞ FILAMENTS
PHOTOCONDUCTORS
SEMICONDUCTORS (MATERIALS)
SOLID STATE DEVICES
VARISTORS

RESOLUTION

UF RESOLVING POWER
GS **RESOLUTION**
ANGULAR RESOLUTION
HIGH RESOLUTION
IMAGE RESOLUTION
RADAR RESOLUTION
RADIOMETRIC RESOLUTION
SPATIAL RESOLUTION
SPECTRAL RESOLUTION
TEMPORAL RESOLUTION

RESOLUTION--(cont.)

- RT ACCURACY
- AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
- BLURRING
- CHARACTER RECOGNITION
- CONTRAST
- DEFINITION
- DYNAMIC CHARACTERISTICS
- ERRORS
- FOCI
- HIGH RESOLUTION COVERAGE
- ANTENNAS
- IMAGE CONTRAST
- IMAGE ENHANCEMENT
- LEGIBILITY
- LOCI
- ∞ OPTICS
- PERCEPTION
- ∞ POWER
- PRECISION
- RESOLUTION CELL
- SENSITIVITY
- SPATIAL FILTERING
- STARK EFFECT
- ∞ THRESHOLDS
- TOLERANCES (MECHANICS)
- VISIBILITY
- VISION

RESOLUTION CELL

- RT ∞ CELLS
- IMAGING TECHNIQUES
- RADAR DETECTION
- RADAR IMAGERY
- RESOLUTION

RESOLVERS

- RT ANALOG COMPUTERS
- INSTRUMENT TRANSFORMERS
- TRANSFORMERS

RESOLVING POWER

- USE RESOLUTION

RESONANCE

- GS **RESONANCE**
 - . BARYON RESONANCE
 - . CYCLOTRON RESONANCE
 - . MAGNETIC RESONANCE
 - . . . FERROMAGNETIC RESONANCE
 - . . . NUCLEAR MAGNETIC RESONANCE
 - . . . PROTON MAGNETIC RESONANCE
 - . . . PROTON RESONANCE
 - . . . PARAMAGNETIC RESONANCE
 - . . . ELECTRON PARAMAGNETIC RESONANCE
 - . MAGNETOSONIC RESONANCE
 - . MESON RESONANCE
 - . . X MESONS
 - . MICROWAVE RESONANCE
 - . NUCLEAR QUADRUPOLE RESONANCE
 - . OPTICAL RESONANCE
 - . ORBITAL RESONANCES (CELESTIAL MECHANICS)
 - . PLASMA RESONANCE
 - . RESONANT VIBRATION
 - . SPIN RESONANCE
- RT FOSTER THEORY
- OSCILLATIONS
- OVERHAUSER EFFECT
- RESONANT FREQUENCIES
- SYNTONY
- TUNING
- VIBRATION

RESONANCE CHARGE EXCHANGE

- GS EXCHANGING
- . CHARGE EXCHANGE
- . . **RESONANCE CHARGE EXCHANGE**
- RT SPIN EXCHANGE

RESONANCE FLUORESCENCE

- UF RESONANCE RADIATION
- GS EMISSION
- . LIGHT EMISSION
- . . LUMINESCENCE
- . . . FLUORESCENCE
- . . . **RESONANCE FLUORESCENCE**
- RT ATOMIC EXCITATIONS
- ATOMIC PHYSICS
- QUANTUM ELECTRODYNAMICS
- ∞ RADIATION

RESONANCE LINES

- UF DIELECTRONIC SATELLITE LINES
- RT LINE SPECTRA
- OPTICAL RESONANCE
- PLASMA RESONANCE

RESONANCE PROBES

- GS MEASURING INSTRUMENTS
- . **RESONANCE PROBES**
- RT IMPEDANCE PROBES
- MAGNETIC PROBES
- MICROWAVE PLASMA PROBES
- PLASMA DIAGNOSTICS
- PLASMA RESONANCE
- TUNERS

RESONANCE RADIATION

- USE RESONANCE FLUORESCENCE

RESONANCE SCATTERING

- SN (INTERACTION WITH THE INTERIOR OF THE NUCLEUS--EXCLUDES POTENTIAL SCATTERING)
- GS NUCLEAR REACTIONS
- . NUCLEAR SCATTERING
- . . **RESONANCE SCATTERING**
- . SCATTERING
- . . NUCLEAR SCATTERING
- . . **RESONANCE SCATTERING**
- RT INVERSE SCATTERING
- MOSSBAUER EFFECT
- NEUTRON SCATTERING

RESONANCE TESTING

- RT DAMPING TESTS
- ELASTIC DAMPING
- ELECTRONIC EQUIPMENT TESTS
- FATIGUE TESTS
- RESONANT FREQUENCIES
- STABILITY TESTS
- STATIC TESTS
- STRUCTURAL STABILITY
- ∞ TESTS
- VIBRATION TESTS
- VISCOUS DAMPING

RESONANT CAVITIES

- USE CAVITY RESONATORS

RESONANT FREQUENCIES

- UF NATURAL FREQUENCIES
- VIBRATIONAL FREQUENCIES (STRUCTURAL)
- GS FREQUENCIES
- . **RESONANT FREQUENCIES**
- RT ACOUSTIC FREQUENCIES
- ANTINODES
- BANDWIDTH
- BEAT FREQUENCIES
- BORDONI PEAKS
- CAVITY RESONATORS
- CRITICAL FREQUENCIES
- CRITICAL VELOCITY
- DAMPING
- DYNAMIC CHARACTERISTICS
- ∞ DYNAMICS
- ELECTROMAGNETIC ABSORPTION
- HARMONICS
- IMPEDANCE
- MOSSBAUER EFFECT
- NODES (STANDING WAVES)
- OSCILLATORS
- RESONANCE
- RESONANCE TESTING
- RESONATORS
- STANDING WAVES
- TRANSIENT RESPONSE
- TUNERS
- TUNING

RESONANT TUNNELING

- RT BARRIER LAYERS
- ELECTRON TUNNELING
- NEGATIVE RESISTANCE DEVICES
- QUANTUM ELECTRONICS
- QUANTUM WELLS
- TRANSISTORS
- TUNNEL DIODES
- ∞ TUNNELING

RESONANT VIBRATION

- UF MECHANICAL RESONANCE
- GS RESONANCE
- . **RESONANT VIBRATION**
- VIBRATION

RESONANT VIBRATION--(cont.)**RESONANT VIBRATION**

- RT DAMPING
- DYNAMIC STABILITY
- ∞ DYNAMICS
- FLAPPING
- FLUTTER
- MECHANICAL OSCILLATORS
- OSCILLATIONS
- Q FACTORS
- STABLE OSCILLATIONS
- STRUCTURAL VIBRATION
- UNDAMPED OSCILLATIONS

RESONATORS

- GS **RESONATORS**
 - . CAVITY RESONATORS
 - . . SUPERCONDUCTING CAVITY RESONATORS
 - . HELMHOLTZ RESONATORS
 - . MULTIMODE RESONATORS
 - . OPTICAL RESONATORS
- RT DELTA ANTENNAS
- ELECTRON TUBES
- FREQUENCY STANDARDS
- GRAZING FLOW
- MAGNETRONS
- MASERS
- OSCILLATORS
- RESONANT FREQUENCIES
- SELF EXCITATION
- TUNING
- TUNING FORK GYROSCOPES

RESOURCE ALLOCATION

- GS ALLOCATIONS
- . **RESOURCE ALLOCATION**
- RT DISTRIBUTING
- ENERGY CONSERVATION
- ENERGY POLICY
- ENGINEERING MANAGEMENT
- LOGISTICS
- NASA INTERACTIVE PLANNING SYSTEM
- OUTER SPACE TREATY
- PRIORITIES
- PRODUCTS
- RESOURCES

RESOURCES

- GS **RESOURCES**
 - . EARTH RESOURCES
 - . . FORESTS
 - . . . RAIN FORESTS
 - . . FOSSIL FUELS
 - . . . COAL
 - . . . ANTHRACITE
 - . . . LIGNITE
 - . . . SOLVENT REFINED COAL
 - . . CRUDE OIL
 - . . NATURAL GAS
 - . . . PEAT
 - . . GLACIERS
 - . . ICEBERGS
 - . . KEROGEN
 - . . LAND ICE
 - . . MARINE RESOURCES
 - . . OIL FIELDS
 - . . RANGE RESOURCES
 - . . SPRINGS (WATER)
 - . . TAR SANDS
 - . . THERMAL RESOURCES
 - . . GEOTHERMAL RESOURCES
 - . . . GEYSERS
 - . . UNDERWATER RESOURCES
 - . . WATER RESOURCES
 - . . . AQUIFERS
 - . . EXTRATERRESTRIAL RESOURCES
 - . . LUNAR RESOURCES
- RT ABUNDANCE
- AVAILABILITY
- CONSULTING
- DEPLETION
- ECONOMIC DEVELOPMENT
- ECONOMIC FACTORS
- ECONOMIC IMPACT
- ECONOMICS
- ENERGY CONSERVATION
- ENERGY POLICY
- ENGINEERING MANAGEMENT
- GEOTHERMAL TECHNOLOGY
- GREAT LAKES (NORTH AMERICA)
- INVENTORY MANAGEMENT
- LOGISTICS
- LOGISTICS MANAGEMENT
- MAN ENVIRONMENT INTERACTIONS

RESOURCES--(cont.)

MANPOWER
 ∞ MATERIALS
 MISSISSIPPI RIVER (US)
 PERSONNEL
 PERSONNEL DEVELOPMENT
 PRODUCTION MANAGEMENT
 RECYCLING
 RESERVES
 RESOURCE ALLOCATION
 SITE SELECTION
 URBAN DEVELOPMENT
 VEGETATION

RESOURCES MANAGEMENT

GS MANAGEMENT
 . **RESOURCES MANAGEMENT**
 . . FOREST MANAGEMENT
 . . REFORESTATION
 . . LAND MANAGEMENT
 RT EARTH RESOURCES
 ENVIRONMENT MANAGEMENT
 ENVIRONMENTAL CONTROL
 LEASING
 NASA INTERACTIVE PLANNING SYSTEM
 THERMAL RESOURCES
 WATER RUNOFF

RESPIRATION

UF APNEA
 INHALATION
 GS **RESPIRATION**
 . HIGH ALTITUDE BREATHING
 . LIQUID BREATHING
 . PRESSURE BREATHING
 RT ALVEOLI
 ASPHYXIA
 ∞ BREATHING
 EXPIRATION
 EXPIRED AIR
 HYDROGEN METABOLISM
 METABOLISM
 OXYGEN METABOLISM
 PHOTOSYNTHESIS
 PHYSIOLOGY
 RESPIRATORS
 RESPIRATORY SYSTEM
 RESUSCITATION
 SINUSES
 VALSALVA EXERCISE

RESPIRATORS

GS MEDICAL EQUIPMENT
 . **RESPIRATORS**
 RT BREATHING APPARATUS
 EMERGENCY BREATHING TECHNIQUES
 RESPIRATION
 RESUSCITATION
 THERAPY

RESPIRATORY DISEASES

GS DISEASES
 . **RESPIRATORY DISEASES**
 . . AEROSINUSITIS
 . . ASTHMA
 . . EMPHYSEMA
 . . INFLUENZA
 . . PNEUMONIA
 . . TUBERCULOSIS
 RT BERYLLIUM POISONING
 CONGESTION
 FUNGAL DISEASES
 LUNG MORPHOLOGY
 PULMONARY LESIONS

RESPIRATORY IMPEDANCE

GS IMPEDANCE
 . **RESPIRATORY IMPEDANCE**

RESPIRATORY PHYSIOLOGY

GS PHYSIOLOGY
 . **RESPIRATORY PHYSIOLOGY**
 RT EXERCISE PHYSIOLOGY
 ∞ SCIENCE

RESPIRATORY RATE

GS RATES (PER TIME)
 . **RESPIRATORY RATE**
 . . DYSPNEA
 . . HYPOVENTILATION
 . . TACHYPNEA
 RT HYPERCAPNIA
 HYPERPNEA
 SPIROMETERS

RESPIRATORY REFLEXES

GS REFLEXES
 . **RESPIRATORY REFLEXES**
 . . COUGH
 . . HERING-BREVER REFLEX
 . . SNEEZING
 RT ∞ BREATHING

RESPIRATORY SYSTEM

GS ANATOMY
 . **RESPIRATORY SYSTEM**
 . . BRONCHI
 . . DIAPHRAGM (ANATOMY)
 . . LARYNX
 . . . GLOTTIS
 . . . VOCAL CORDS
 . . LUNGS
 . . ALVEOLI
 . . NOSE (ANATOMY)
 . . PARANASAL SINUSES
 . . PHARYNX
 . . TRACHEA
 RT EVAPORATION
 HOMEOSTASIS
 HYPERCAPNIA
 ORGANS
 PLEURAE
 PULMONARY CIRCULATION
 RESPIRATION
 ∞ SYSTEMS

RESPIROMETERS

GS MEASURING INSTRUMENTS
 . **RESPIROMETERS**
 RT BIOINSTRUMENTATION
 EXHALATION

RESPONDERS

USE TRANSPONDERS

RESPONSE BIAS

GS BIAS
 . **RESPONSE BIAS**
 RT DYNAMIC RESPONSE
 ERRORS
 ∞ TIME RESPONSE
 TRANSIENT RESPONSE

RESPONSE TIME (COMPUTERS)

GS TIME
 . **RESPONSE TIME (COMPUTERS)**
 RT COMPUTER PROGRAMMING
 COMPUTER SYSTEMS PERFORMANCE
 DATA PROCESSING

RESPONSES

GS **RESPONSES**
 . DYNAMIC RESPONSE
 . . TRANSIENT RESPONSE
 . . GALVANIC SKIN RESPONSE
 . MODAL RESPONSE
 . PHYSIOLOGICAL RESPONSES
 . . HEMODYNAMIC RESPONSES
 RT CHRONAXY
 ∞ FREQUENCY RESPONSE
 LEARNING
 REFRACTORY PERIOD
 ∞ THRESHOLDS
 TIME LAG
 ∞ TIME RESPONSE

REST

GS **REST**
 . BED REST
 RT PRONE POSITION
 RECREATION
 SITTING POSITION
 SLEEP
 SUPINE POSITION

RESTARTABLE ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . **RESTARTABLE ROCKET ENGINES**
 DUCTED ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 ION ENGINES
 LIQUID PROPELLANT ROCKET ENGINES
 NUCLEAR ROCKET ENGINES
 RETROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 SUSTAINER ROCKET ENGINES

RESTARTABLE ROCKET ENGINES--(cont.)

TURBOCKET ENGINES
 VERNIER ENGINES

RESTORATION

RT ADDITION
 RECONSTRUCTION

RESTRAINTS

USE CONSTRAINTS

RESTRICTIONS

USE CONSTRICTIONS

RESULTANTS

RT VECTOR ANALYSIS

RESUSCITATION

UF ARTIFICIAL RESPIRATION
 RT EMERGENCY BREATHING TECHNIQUES
 FIRST AID
 LIQUID BREATHING
 RESPIRATION
 RESPIRATORS

RETAINING

RT ASTEROID CAPTURE
 CONSTRAINTS
 CONTAINMENT
 ∞ HOLDING
 ∞ JOINING
 LOCKING
 ∞ RETENTION
 SEALING
 ∞ STORAGE

RETARDANTS

GS **RETARDANTS**
 . FLAME RETARDANTS
 RT ACCELERATING AGENTS
 ADDITIVES
 ANTIICING ADDITIVES
 ANTIKNOCK ADDITIVES
 ANTIOXIDANTS
 CATALYSTS
 EXPLOSION SUPPRESSION
 INHIBITORS
 NEUTRALIZERS
 PENETRANTS
 PRESERVATIVES
 ∞ RETARDERS
 RETARDING
 STABILIZERS (AGENTS)
 SUPPRESSORS
 SURFACTANTS
 WEAR INHIBITORS

∞ RETARDERS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT RETARDANTS
 RETARDERS (DEVICES)

RETARDERS (DEVICES)

RT BLOCKING
 BRAKES (FOR ARRESTING MOTION)
 BRAKING
 CONSTRICTIONS
 ∞ RETARDERS
 RETARDING

RETARDING

UF SUPPRESSION
 RT ATTENUATION
 BLOCKING
 BRAKING
 DAMPING
 DECELERATION
 FOULING
 HYSTERESIS
 PREVENTION
 ∞ REDUCTION
 ∞ RESISTANCE
 RETARDANTS
 RETARDERS (DEVICES)
 STOPPING

RETARDING ION MASS SPECTROMETERS

USE MASS SPECTROMETERS

∞ RETENTION

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT RETAINING
RETENTION (PSYCHOLOGY)

RETENTION (PSYCHOLOGY)

- RT LEARNING
MEMORY
∞ RETENTION

RETICLES

- GS **RETICLES**
. WIRE GRID LENSES
CONTACT LENSES
EYEPIECES
∞ GRIDS
LENSES
OPTICAL EQUIPMENT
SCALE (RATIO)

RETICULOCYTES

- GS CELLS (BIOLOGY)
. BLOOD CELLS
. ERYTHROCYTES
. **RETICULOCYTES**
- RT HEMATOLOGY
HEMOGLOBIN
HEMOLYSIS
HEMORRHAGES

RETINA

- GS ANATOMY
. SENSE ORGANS
. EYE (ANATOMY)
. **RETINA**
. FOVEA
- RT ELECTRORETINOGRAPHY
PHOSPHENE
PHOTORECEPTORS
VISION
VISUAL FIELDS
VISUAL PIGMENTS

RETINAL ADAPTATION

- GS ADAPTATION
. **RETINAL ADAPTATION**
. DARK ADAPTATION
. LIGHT ADAPTATION
- RT PERCEPTION
VISIBILITY
VISION

RETINAL IMAGES

- GS IMAGES
. **RETINAL IMAGES**
- RT VISION
VISUAL FIELDS

RETINENE

- UF VITAMIN A
- GS ORGANIC COMPOUNDS
. CYCLIC COMPOUNDS
. HETEROCYCLIC COMPOUNDS
. **RETINENE**
. LIPIDS
. **RETINENE**
VITAMINS
. **RETINENE**
- RT ALDEHYDES
CAROTENE

RETIREMENT

- RT EMPLOYEE RELATIONS
INDUSTRIES
PERSONNEL
SOCIOLOGY

RETIREMENT FOR CAUSE

- RT COMPONENT RELIABILITY
ENGINE PARTS
FATIGUE LIFE
FRACTURE STRENGTH
INVENTORY MANAGEMENT
LIFE (DURABILITY)
METAL FATIGUE
SERVICE LIFE
SPARE PARTS

RETORC (TORPEDOES)

- USE TORPEDOES

RETORT PROCESSING

- RT FRACTIONATION
HYDROCARBON FUELS
OILS
∞ PROCESSING
SHALE OIL

RETRACTABLE EQUIPMENT

- UF RETRACTABLE LANDING GEAR
- RT AERODYNAMIC BRAKES
LANDING GEAR
REFUELING

RETRACTABLE LANDING GEAR

- USE LANDING GEAR
RETRACTABLE EQUIPMENT

RETRAINING

- UF REORIENTATION
- RT ADAPTATION
EDUCATION
MANAGEMENT METHODS
MANPOWER
PERSONNEL
TASKS
TRAINING ANALYSIS

RETRIEVAL

- GS **RETRIEVAL**
. DATA RETRIEVAL
. INFORMATION RETRIEVAL
. PAYLOAD RETRIEVAL (STS)
- RT ∞ RECOVERY
SEARCHING

RETROACTION

- USE RETROTHRUST

RETROFIRING

- GS FIRING (IGNITING)
. ROCKET FIRING
. **RETROFIRING**
- RT DECELERATION
RETROCKET ENGINES
RETROTHRUST

RETROFITTING

- GS **RETROFITTING**
. ACOUSTIC RETROFITTING
- RT INSTALLING

RETROREFLECTION

- GS REFLECTION
. **RETROREFLECTION**
- RT ANTENNA ARRAYS
INCIDENT RADIATION
LAGEOS (SATELLITE)
LUNAR RETROREFLECTORS
REFLECTED WAVES
RETROREFLECTORS

RETROREFLECTORS

- GS RADAR EQUIPMENT
. **RETROREFLECTORS**
REFLECTORS
- RT **RETROREFLECTORS**
RADAR CORNER REFLECTORS
RETROREFLECTION

RETROROCKET ENGINES

- GS ENGINES
. ROCKET ENGINES
. **RETROROCKET ENGINES**
. BE-3 ENGINE
- RT CONTROL ROCKETS
INTERNAL COMBUSTION ENGINES
LIQUID PROPELLANT ROCKET ENGINES
MAN OPERATED PROPULSION SYSTEMS
RESTARTABLE ROCKET ENGINES
RETROFIRING
RETROTHRUST
SOLID PROPELLANT ROCKET ENGINES

RETROTHRUST

- UF RETROACTION
- GS THRUST
. ROCKET THRUST
. **RETROTHRUST**
- RT DECELERATION
RETROFIRING
RETROCKET ENGINES

RETURN BEAM VIDICONS

- GS ELECTRON TUBES

RETURN BEAM VIDICONS--(cont.)

- . CAMERA TUBES
. VIDICONS
. **RETURN BEAM VIDICONS**
. THERMICONS
- RT TELEVISION CAMERAS

RETURN TO EARTH SPACE FLIGHT

- GS SPACE FLIGHT
. **RETURN TO EARTH SPACE FLIGHT**
- RT INTERPLANETARY FLIGHT
MANNED MARS MISSIONS
SPACECRAFT REENTRY

REUSABLE HEAT SHIELDING

- GS SHIELDING
. HEAT SHIELDING
. **REUSABLE HEAT SHIELDING**
- RT COOLING
HEAT TRANSFER
REENTRY SHIELDING
SPACECRAFT SHIELDING
TEMPERATURE CONTROL
THERMAL CONTROL COATINGS
THERMAL PROTECTION

REUSABLE LAUNCH VEHICLES

- GS LAUNCH VEHICLES
. **REUSABLE LAUNCH VEHICLES**
. SINGLE STAGE TO ORBIT VEHICLES
. HOTOL LAUNCH VEHICLE
- RT ADVANCED LAUNCH SYSTEM (STS)
AEROMANEUVERING ORBIT TO ORBIT
SHUTTLE
RECOVERABLE LAUNCH VEHICLES
ROCKET ENGINES
SPACECRAFT LAUNCHING
SPACECRAFT RECOVERY
∞ VEHICLES

REUSABLE ROCKET ENGINES

- GS ENGINES
. ROCKET ENGINES
. **REUSABLE ROCKET ENGINES**
- RT OXYGEN-HYDROCARBON ROCKET
ENGINES

REUSABLE SPACECRAFT

- GS REENTRY VEHICLES
. RECOVERABLE SPACECRAFT
. **REUSABLE SPACECRAFT**
. AEROSPACE PLANES
. HOTOL LAUNCH VEHICLE
. X-30 VEHICLE
. MARS (MANNED REUSABLE
SPACECRAFT)
. SPACE SHUTTLE ORBITERS
. ATLANTIS (ORBITER)
. CHALLENGER (ORBITER)
. COLUMBIA (ORBITER)
. DISCOVERY (ORBITER)
. ENDEAVOUR (ORBITER)
. ENTERPRISE (ORBITER)
. SPACE SHUTTLES
. BURAN SPACE SHUTTLE
. HERMES MANNED SPACEPLANE
- RT EXPENDABLE STAGES (SPACECRAFT)
FERRY SPACECRAFT
INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
INTERPLANETARY SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
MANNED SPACECRAFT
SOFT LANDING SPACECRAFT
SPACE SHUTTLE BOOSTERS
UNMANNED SPACECRAFT

REUSE

- GS UTILIZATION
. **REUSE**
. SOFTWARE REUSE
- RT OIL RECOVERY
∞ RECOVERY

REVENUE

- RT ALLOCATIONS
ASSESSMENTS
BUDGETING
COSTS
INTERNATIONAL TRADE

REVERBERATION

- GS ACOUSTIC PROPERTIES
. ACOUSTIC SCATTERING

REVERBERATION--(cont.)

REVERBERATION
 . SCATTERING
 . WAVE SCATTERING
 . ACOUSTIC SCATTERING
 . **REVERBERATION**
 RT ECHOES
 NOISE (SOUND)
 REVERBERATION CHAMBERS
 SOUND WAVES
REVERBERATION CHAMBERS
 GS COMPARTMENTS
 . TEST CHAMBERS
 . **REVERBERATION CHAMBERS**
 TEST FACILITIES
 . **REVERBERATION CHAMBERS**
 RT ACOUSTIC MEASUREMENT
 ACOUSTIC SIMULATION
 CHAMBERS
 ENVIRONMENTAL TESTS
 REVERBERATION

REVERSE ENGINEERING

RT COMPUTER PROGRAMMING
 DESIGN ANALYSIS
 REVERSING
 SOFTWARE ENGINEERING
 SOFTWARE TOOLS
 SYSTEMS ENGINEERING

REVERSE FIELD PINCH

GS PINCH EFFECT
 . **REVERSE FIELD PINCH**
 RT MAGNETOHYDRODYNAMIC FLOW
 PLASMA CONTROL
 REACTOR TECHNOLOGY
 SCREW PINCH
 TOROIDAL PLASMAS

REVERSE OSMOSIS

GS OSMOSIS
 . **REVERSE OSMOSIS**
 RT DEMINERALIZING
 DESALINIZATION
 MEMBRANES
 PERMEATING

REVERSE TIME

USE REACTION TIME

REVERSED FLOW

GS FLUID FLOW
 . **REVERSED FLOW**
 RT BOUNDARY LAYER SEPARATION
 RECIRCULATIVE FLUID FLOW
 REVERSING
 SEPARATED FLOW

REVERSING

RT DIRECTION
 REVERSE ENGINEERING
 REVERSED FLOW

REVIEWING

RT DISCUSSION
 EVALUATION
 EXAMINATION
 TRAINING EVALUATION

REVISIONS

UF ALTERATION
 MODIFICATION
 RT ADJUSTING
 CONTRACTS
 CORRECTION
 EXTENSIONS
 VARIATIONS

REVOLUTION (MOTION)

USE REVOLVING

REVOLVING

UF REVOLUTION (MOTION)
 GS GYRATION
 . **REVOLVING**
 RT ANGULAR VELOCITY
 CENTRIPETAL FORCE
 ROTATION

REWARD (PSYCHOLOGY)

GS REINFORCEMENT (PSYCHOLOGY)
 . **REWARD (PSYCHOLOGY)**
 RT COMFORT

REWARD (PSYCHOLOGY)--(cont.)

HUMAN REACTIONS
 PSYCHOLOGICAL FACTORS

REYNOLDS EQUATION

UF REYNOLDS LAW
 GS EQUATIONS OF MOTION
 . **REYNOLDS EQUATION**
 FLOW EQUATIONS
 . **REYNOLDS EQUATION**
 RT AERODYNAMIC CONFIGURATIONS
 EQUATIONS
 NAVIER-STOKES EQUATION
 SCALE MODELS

REYNOLDS LAW

USE REYNOLDS EQUATION

REYNOLDS NUMBER

UF CRITICAL REYNOLDS NUMBER
 GS RATIOS
 . DIMENSIONLESS NUMBERS
 . **REYNOLDS NUMBER**
 . . . HIGH REYNOLDS NUMBER
 . . . LOW REYNOLDS NUMBER
 RT BOUNDARY LAYER FLOW
 BOUNDARY LAYER STABILITY
 BOUNDARY LAYER TRANSITION
 CRITICAL VELOCITY
 FLUID FLOW
 FROUDE NUMBER
 GRASHOF NUMBER
 INVISCID FLOW
 LAMINAR FLOW
 PECLET NUMBER
 PRANDTL NUMBER
 RICHARDSON NUMBER
 SCALE EFFECT
 TRANSITION POINTS
 TURBULENT FLOW
 VISCOUS FLOW

REYNOLDS STRESS

GS STRESSES
 . **REYNOLDS STRESS**
 RT INCOMPRESSIBLE FLOW
 NAVIER-STOKES EQUATION
 TURBULENT BOUNDARY LAYER
 TURBULENT FLOW

RF-4 AIRCRAFT

GS MCDONNELL DOUGLAS AIRCRAFT
 . MCDONNELL AIRCRAFT
 . **RF-4 AIRCRAFT**
 MONOPLANES
 . **RF-4 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . **RF-4 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **RF-4 AIRCRAFT**
 RT AIRCRAFT
 F-4 AIRCRAFT

RF-8 AIRCRAFT

USE F-8 AIRCRAFT

RH-2 HELICOPTER

USE UH-1 HELICOPTER

RHEA (ASTRONOMY)

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . ICY SATELLITES
 . . **RHEA (ASTRONOMY)**
 . . SATURN SATELLITES
 . . **RHEA (ASTRONOMY)**
 RT SATURN (PLANET)
 SOLAR SYSTEM

RHENIUM

GS CHEMICAL ELEMENTS
 . **RHENIUM**
 . . RHENIUM ISOTOPES
 METALS
 . REFRACTORY METALS
 . **RHENIUM**
 . . RHENIUM ISOTOPES
 . TRANSITION METALS
 . **RHENIUM**
 . . RHENIUM ISOTOPES
 REFRACTORY MATERIALS
 REFRACTORY METALS
 . **RHENIUM**
 . . RHENIUM ISOTOPES

RHENIUM ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . **RHENIUM ALLOYS**
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . **RHENIUM ALLOYS**

RHENIUM COMPOUNDS

RT CHEMICAL COMPOUNDS
 GROUP 7B COMPOUNDS
 METAL COMPOUNDS

RHENIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . . **RHENIUM ISOTOPES**
 . RHENIUM
 . . **RHENIUM ISOTOPES**
 METALS
 . REFRACTORY METALS
 . RHENIUM
 . . **RHENIUM ISOTOPES**
 . TRANSITION METALS
 . RHENIUM
 . . **RHENIUM ISOTOPES**
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . RHENIUM
 . . **RHENIUM ISOTOPES**
 RT RADIOACTIVE ISOTOPES

RHEOCASTING

GS FORMING TECHNIQUES
 . CASTING
 . . **RHEOCASTING**
 RT ALLOYS
 CAST ALLOYS
 DIES
 FORGING
 SLURRIES
 SOLIDIFICATION

RHEOELECTRICAL SIMULATION

GS SIMULATION
 . **RHEOELECTRICAL SIMULATION**
 RT ANALOG CIRCUITS
 ANALOG SIMULATION
 BIONICS
 FLOW DISTRIBUTION

RHEOENCEPHALOGRAPHY

RT BLOOD CIRCULATION
 BRAIN
 BRAIN CIRCULATION

RHEOLOGY

RT ELECTORHEOLOGICAL FLUIDS
 FLOW MEASUREMENT
 FLOW THEORY
 FLUIDS
 LIQUID FLOW
 MAXWELL FLUIDS
 NONNEWTONIAN FLUIDS
 PLASTIC FLOW
 PLASTIC PROPERTIES
 VISCOSITY

RHEOMETERS

GS MEASURING INSTRUMENTS
 . FLOWMETERS
 . **RHEOMETERS**
 RT BLOOD CIRCULATION

RHESUS FACTOR

RT ANTIGENS
 BLOOD
 CONGENITAL ANOMALIES

RHEUMATIC DISEASES

GS DISEASES
 . **RHEUMATIC DISEASES**
 RT ARTHRITIS

RHIZOPUS

GS PLANTS (BOTANY)
 . FUNGI
 . **RHIZOPUS**
 RT BLIGHT
 MOLD

RHO-MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . . BOSONS
 . . . MESONS
 VECTOR MESONS
 **RHO-MESONS**
 . . FERMIONS
 . . . BARYONS
 **RHO-MESONS**
 . . HADRONS
 . . . BARYONS
 **RHO-MESONS**
 MESONS
 VECTOR MESONS
 **RHO-MESONS**
 . NUCLEAR PARTICLES
 . . BOSONS
 . . . MESONS
 VECTOR MESONS
 **RHO-MESONS**
 RT CHARGED PARTICLES
 ETA-MESONS

RHODAMINE

GS DYES
 . **RHODAMINE**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . **RHODAMINE**
 RT AMINES
 DYE LASERS
 FLUORESCENCE
 LASER MATERIALS

RHODE ISLAND

GS NATIONS
 . UNITED STATES
 . . **RHODE ISLAND**
 RT BLOCK ISLAND SOUND (RI)

RHODESIA

USE ZIMBABWE

RHODIUM

GS CHEMICAL ELEMENTS
 . **RHODIUM**
 . . RHODIUM ISOTOPES
 METALS
 . TRANSITION METALS
 . . **RHODIUM**
 . . . RHODIUM ISOTOPES

RHODIUM ALLOYS

GS ALLOYS
 . **RHODIUM ALLOYS**
 RT PLATINUM ALLOYS

RHODIUM COMPOUNDS

RT CHEMICAL COMPOUNDS
 ∞ GROUP 8 COMPOUNDS

RHODIUM ISOTOPES

UF RHODIUM 102
 RHODIUM 106
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **RHODIUM ISOTOPES**
 . . RHODIUM
 . . . **RHODIUM ISOTOPES**
 METALS
 . TRANSITION METALS
 . . RHODIUM
 . . . **RHODIUM ISOTOPES**

RHODIUM 102

USE RHODIUM ISOTOPES

RHODIUM 106

USE RHODIUM ISOTOPES

RHOMBIC ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . **RHOMBIC ANTENNAS**
 RT ANTENNA DESIGN
 RADIO ANTENNAS

RHOMBOHEDRONS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYHEDRONS
 . . . **RHOMBOHEDRONS**

RHOMBODS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYGONS
 . . . TETRAGONS
 PARALLELOGRAMS
 **RHOMBODS**

RHONE DELTA (FRANCE)

GS LANDFORMS
 . DELTAS
 . . **RHONE DELTA (FRANCE)**
 RT FRANCE
 MEDITERRANEAN SEA
 RIVERS

RHYOLITE

GS ROCKS
 . IGNEOUS ROCKS
 . . **RHYOLITE**
 RT LAVA
 MAGMA
 SILICON DIOXIDE

∞ RHYTHM

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT OSCILLATIONS
 PERIODIC VARIATIONS
 RHYTHM (BIOLOGY)

RHYTHM (BIOLOGY)

UF BIOLOGICAL CLOCKS
 BIOLOGICAL RHYTHM
 BIORHYTHMS
 CHRONOBIOLOGY
 PERIODICITY (BIOLOGY)
 GS **RHYTHM (BIOLOGY)**
 . CIRCADIAN RHYTHMS
 RT ACTIVITY CYCLES (BIOLOGY)
 ALTERNATIONS
 ∞ BIOLOGY
 CYCLES
 DESYNCHRONIZATION (BIOLOGY)
 JET LAG
 PHENOLOGY
 ∞ RHYTHM

RIBBON PARACHUTES

GS PARACHUTES
 . **RIBBON PARACHUTES**
 RT DRAG CHUTES
 RECOVERY PARACHUTES

RIBBONS

RT CONVEYORS
 FABRICS
 FASTENERS
 METAL STRIPS
 ∞ STRIP
 ∞ TAPES

RIBLETS

GS GROOVES
 . V GROOVES
 . . **RIBLETS**
 RT BOUNDARY LAYER CONTROL
 DRAG REDUCTION
 FRICTION DRAG
 SHEAR LAYERS
 SKIN FRICTION
 STRIATION
 TURBULENT BOUNDARY LAYER
 VORTEX ALLEVIATION

RIBOFLAVIN

UF VITAMIN B 2
 VITAMIN G
 GS ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . **RIBOFLAVIN**
 VITAMINS
 . **RIBOFLAVIN**

RIBONUCLEIC ACIDS

UF RNA
 GS ACIDS
 . NUCLEIC ACIDS
 . . **RIBONUCLEIC ACIDS**
 BIOPOLYMERS
 . NUCLEIC ACIDS
 . . **RIBONUCLEIC ACIDS**

RIBONUCLEIC ACIDS--(cont.)

ORGANIC COMPOUNDS
 . NUCLEIC ACIDS
 . . **RIBONUCLEIC ACIDS**
 RT ADENINES
 GENE EXPRESSION
 GENES
 GUANOSINES
 POLYNUCLEOTIDES

RIBOSE

GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . SUGARS
 . . . MONOSACCHARIDES
 PENTOSE
 **RIBOSE**
 RT NUCLEOSIDES

RIBS (SUPPORTS)

RT LONGERONS
 REINFORCEMENT (STRUCTURES)
 REINFORCEMENT RINGS
 STIFFENING
 WEBS (SUPPORTS)

RICCATI EQUATION

GS ALGEBRA
 . LINEAR EQUATIONS
 . . **RICCATI EQUATION**
 ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . **RICCATI EQUATION**
 . . . LINEAR EQUATIONS
 . . . **RICCATI EQUATION**

RICE

GS FARM CROPS
 . GRAINS (FOOD)
 . . **RICE**
 PLANTS (BOTANY)
 . **RICE**
 RT WHEAT

RICHARDS THEOREM

GS THEOREMS
 . **RICHARDS THEOREM**
 RT NETWORK SYNTHESIS
 SIGNAL FLOW GRAPHS

RICHARDSON NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . **RICHARDSON NUMBER**
 RT AERODYNAMIC STABILITY
 REYNOLDS NUMBER
 SHEAR FLOW

RICHARDSON-DUSHMAN EQUATION

USE TEMPERATURE EFFECTS
 THERMIONIC EMISSION

∞ RIDGES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF CUESTAS
 HOGBACKS
 RT BRIDGES (LANDFORMS)
 BUCKLING
 CORRUGATING
 GAPS (GEOLOGY)
 KARST
 LANDFORMS
 MID-OCEAN RIDGES
 MOUNTAINS
 PROTUBERANCES
 WRINKLING

RIDING QUALITY

GS QUALITY
 . **RIDING QUALITY**
 RT COMFORT
 PASSENGERS
 SEATS
 SUSPENSION SYSTEMS (VEHICLES)
 TRANSPORTATION

RIEMANN INTEGRAL

USE MEASURE AND INTEGRATION

RIEMANN MANIFOLD

UF RIEMANN SPACE
RIEMANN SPHERE
GS GEOMETRY
. DIFFERENTIAL GEOMETRY
. . . **RIEMANN MANIFOLD**
MANIFOLDS (MATHEMATICS)
. . . **RIEMANN MANIFOLD**
RT EUCLIDEAN GEOMETRY

RIEMANN PROBLEM

USE CAUCHY PROBLEM

RIEMANN SPACE

USE RIEMANN MANIFOLD

RIEMANN SPHERE

USE RIEMANN MANIFOLD

RIEMANN WAVES

GS ELASTIC WAVES
. SHOCK WAVES
. . . **RIEMANN WAVES**
RT BLAST LOADS
DIFFERENTIAL EQUATIONS
DYNAMIC PRESSURE
EXPLOSIONS
HYPERBOLIC FUNCTIONS

RIESZ THEOREM

GS THEOREMS
. **RIESZ THEOREM**
RT DIFFERENTIAL EQUATIONS
HYPERBOLIC FUNCTIONS

RIFLES

GS WEAPONS
. GUNS (ORDNANCE)
. . . **RIFLES**
RT ARTILLERY

RIFT (REACTOR IN FLIGHT TEST)

UF REACTOR IN FLIGHT TEST PROGRAM
RT ELECTRIC PROPULSION
∞ REACTORS
ROCKET ENGINES
ROVER PROJECT
SATURN PROJECT

RIFT VALLEYS

USE VALLEYS

RIFTS

USE GEOLOGICAL FAULTS

RIGGING

RT ASSEMBLING
CONSTRUCTION
∞ EQUIPMENT
MATERIALS HANDLING
SHROUDS

RIGID BODIES

USE RIGID STRUCTURES

RIGID MOUNTING

GS MOUNTING
. **RIGID MOUNTING**
RT PYLON MOUNTING

RIGID ROTOR HELICOPTERS

GS V/STOL AIRCRAFT
. ROTARY WING AIRCRAFT
. . . HELICOPTERS
. . . **RIGID ROTOR HELICOPTERS**
. . . . CH-3 HELICOPTER
. . . . F-28 HELICOPTER
. . . . XH-51 HELICOPTER
RT ∞ AIRCRAFT
OH-5 HELICOPTER

RIGID ROTORS

UF HINGELESS ROTORS
GS AIRFOILS
. WINGS
. . . ROTARY WINGS
. . . **RIGID ROTORS**
RIGID STRUCTURES
. **RIGID ROTORS**
ROTATING BODIES
. ROTORS
. . . ROTARY WINGS
. . . **RIGID ROTORS**
RT BEARINGLESS ROTORS

RIGID ROTORS (PLASMA PHYSICS)

GS **RIGID ROTORS (PLASMA PHYSICS)**
. PLASMA PHYSICS
RT MOLECULAR COLLISIONS
MOLECULAR ROTATION
∞ PHYSICS
PLASMA CONTROL

RIGID STRUCTURES

UF INELASTIC BODIES
RIGID BODIES
STIFF STRUCTURES
GS **RIGID STRUCTURES**
. RIGID ROTORS
. RIGID WINGS
RT ARCHES
COMPOSITE MATERIALS
CONCRETE STRUCTURES
EULER EQUATIONS OF MOTION
HYBRID STRUCTURES
PLASTIC BODIES
REINFORCEMENT (STRUCTURES)
SANDWICH STRUCTURES
SPACE ERECTABLE STRUCTURES
STEEL STRUCTURES
∞ STRUCTURES
TRANSLATIONAL MOTION
WELDED STRUCTURES

RIGID WINGS

SN (EXCLUDES 'RIGID ROTORS')
GS AIRFOILS
. WINGS
. . . **RIGID WINGS**
RIGID STRUCTURES
. **RIGID WINGS**
RT AEROELASTICITY
FIXED WINGS
FLEXIBLE WINGS
LOW ASPECT RATIO WINGS

∞ RIGIDITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT FLEXIBILITY
MAGNETIC RIGIDITY
MECHANICAL PROPERTIES
MODULUS OF ELASTICITY
RUGGEDNESS
STIFFNESS
STRUCTURAL STABILITY

RILLS

USE VALLEYS

RIMS

RT ∞ BLADES
BORDERS
EDGES
MARGINS
SIDES

RING CURRENTS

GS ELECTRIC CURRENT
. **RING CURRENTS**
RT ATMOSPHERIC ELECTRICITY
ELECTROJETS
PLASMA CURRENTS

RING DISCHARGE

GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. . . TOWNSEND DISCHARGE
. . . GAS DISCHARGES
. . . . TOROIDAL DISCHARGE
. . . . **RING DISCHARGE**
RT ∞ DISCHARGE
ELECTRODELESS DISCHARGES
GAS IONIZATION
HIGH FREQUENCIES
RADIO FREQUENCY DISCHARGE

RING GALAXIES

GS CELESTIAL BODIES
. GALAXIES
. . . **RING GALAXIES**
RT ELLIPTICAL GALAXIES
GALACTIC EVOLUTION
GALACTIC STRUCTURE
INTERACTING GALAXIES
SPIRAL GALAXIES

RING LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . . **RING LASERS**

RING STRUCTURES

GS **RING STRUCTURES**
. REINFORCEMENT RINGS
. RING WINGS
RT AERODYNAMIC CONFIGURATIONS
∞ BANDS
HOOPS
REINFORCEMENT (STRUCTURES)
∞ RINGS
∞ STRUCTURES

RING WINGS

GS AIRFOILS
. WINGS
. . . UNCAMBERED WINGS
. . . **RING WINGS**
. . . UNSWEPT WINGS
. . . **RING WINGS**
RING STRUCTURES
. **RING WINGS**
RT DUCTED FANS
SHROUDED PROPELLERS
TWISTED WINGS

∞ RINGS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANNULI
BODIES OF REVOLUTION
CIRCLES (GEOMETRY)
JUPITER RINGS
O RING SEALS
PLANETARY RINGS
REINFORCEMENT RINGS
RING STRUCTURES
RINGS (MATHEMATICS)
SATURN RINGS
STORAGE RINGS (PARTICLE
ACCELERATORS)
TOROIDAL PLASMAS
TORUSES
URANUS RINGS
VORTEX RINGS

RINGS (MATHEMATICS)

RT ∞ MATHEMATICS
∞ RINGS

RIO GRANDE (NORTH AMERICA)

GS RIVERS
. **RIO GRANDE (NORTH AMERICA)**
RT GULF OF MEXICO
MEXICO
NEW MEXICO
TEXAS

RIOMETERS

GS MEASURING INSTRUMENTS
. RADIATION MEASURING INSTRUMENTS
. . . **RIOMETERS**
RT ATMOSPHERIC IONIZATION
AURORAL ABSORPTION
IONOGRAMS
IONOSONDES
IONOSPHERIC NOISE
IONOSPHERIC PROPAGATION

RIPPLES

GS ELASTIC WAVES
. CAPILLARY WAVES
. . . **RIPPLES**
SURFACE WAVES
. CAPILLARY WAVES
. . . **RIPPLES**
RT GRAVITY WAVES
INTERFACIAL TENSION
WATER WAVES
WIND (METEOROLOGY)

RISERS

RT CASTINGS
PIPES (TUBES)

RISK

RT ACCEPTABILITY
ASSUMPTIONS
∞ CAPACITY
COMMERCE

RISK--(cont.)

CONFIDENCE
CONFIDENCE LIMITS
CONTINGENCY
DECISION THEORY
ESTIMATES
ESTIMATING
FINANCE
FORECASTING
GAME THEORY
HAZARDS
INVENTORY CONTROLS
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
OPERATIONS RESEARCH
PREDICTIONS
RELIABILITY
STRATEGY

RIT ENGINES

UF RADIO FREQUENCY ION THRUSTOR
ENGINES
GS ENGINES
. ROCKET ENGINES
. ELECTRIC ROCKET ENGINES
. ION ENGINES
. . . . **RIT ENGINES**
RT ELECTROSTATIC ENGINES
PLASMA ENGINES

RITZ AVERAGING METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. APPROXIMATION
. . . . **RITZ AVERAGING METHOD**
RT ∞ METHODOLOGY

RIVER BASINS

GS LANDFORMS
. STRUCTURAL BASINS
. . . **RIVER BASINS**
. . . . ATCHAFALAYA RIVER BASIN (LA)
. . . . CHENA RIVER BASIN (AK)
. . . . COLUMBIA RIVER BASIN (ID-OR-WA)
. . . . DELAWARE RIVER BASIN (US)
. . . . FEATHER RIVER BASIN (CA)
. . . . MISSOURI RIVER BASIN (US)
. . . . SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
. . . . WABASH RIVER BASIN (IL-IN-OH)
. . . . WADIS
RT AMAZON REGION (SOUTH AMERICA)
CHESAPEAKE BAY (US)
DEATH VALLEY (CA)
INTERNATIONAL HYDROLOGICAL
DECADE
LAKES
MEANDERS
MISSISSIPPI RIVER (US)
MISSOURI RIVER (US)
RAPIDS
RAVINES
RIVERS
SACRAMENTO VALLEY (CA)
SAGINAW BAY (MI)
SAN JOAQUIN VALLEY (CA)
SHENANDOAH VALLEY (VA)
VADOSE WATER
WATERSHEDS

RIVERS

GS **RIVERS**
. COLORADO RIVER (NORTH AMERICA)
. HUDSON RIVER (NY-NJ)
. MISSISSIPPI RIVER (US)
. MISSOURI RIVER (US)
. OHIO RIVER (US)
. RIO GRANDE (NORTH AMERICA)
RT ALLUVIUM
AMAZON REGION (SOUTH AMERICA)
ATCHAFALAYA RIVER BASIN (LA)
AUFELS (ICE)
BAYOUS
CANYONS
COLUMBIA RIVER BASIN (ID-OR-WA)
DELAWARE RIVER BASIN (US)
DELTA
EARTH RESOURCES
EROSION
ESTUARIES
FEATHER RIVER BASIN (CA)
INLAND WATERS
LAKE ERIE
LAKE HURON
LAKE MICHIGAN

RIVERS--(cont.)

LAKE ONTARIO
LAKE SUPERIOR
MEANDERS
MISSISSIPPI DELTA (LA)
MISSOURI RIVER BASIN (US)
RAPIDS
RESERVOIRS
RHONE DELTA (FRANCE)
RIVER BASINS
SHOALS
SHORELINES
SOUNDS (TOPOGRAPHIC FEATURES)
STREAMS
SURFACE WATER
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
TRIBUTARIES
VALLEYS
WABASH RIVER BASIN (IL-IN-OH)
WADIS
WATER COLOR
WATER RUNOFF
WATERSHEDS
WATERWAYS
WHARVES

RIVETED JOINTS

GS JOINTS (JUNCTIONS)
. **RIVETED JOINTS**
RT BOLTED JOINTS
BUTT JOINTS
LAP JOINTS
METAL JOINTS
WELDED JOINTS

RIVETING

RT ∞ JOINING
RIVETS
SEALING

RIVETS

GS FASTENERS
. **RIVETS**
RT COUPLINGS
HOLDERS
PINS
RIVETING

RL CIRCUITS

UF LR CIRCUITS
GS CIRCUITS
. **RL CIRCUITS**
. . . RLC CIRCUITS
RT COUPLING CIRCUITS
ELECTRICAL RESISTANCE
INDUCTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
TIME CONSTANT
TRANSCONDUCTANCE

RL-10 ENGINES

GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
ENGINES
. . . . **RL-10 ENGINES**
. RL-10-A-1 ENGINE
. RL-10-A-3 ENGINE
RT ATLAS CENTAUR LAUNCH VEHICLE
CENTAUR PROJECT
CRYOGENIC ROCKET PROPELLANTS
SATURN LAUNCH VEHICLES

RL-10-A-1 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
ENGINES
. . . . HYDROGEN OXYGEN ENGINES
. **RL-10-A-1 ENGINE**
. RL-10 ENGINES
. **RL-10-A-1 ENGINE**

RL-10-A-3 ENGINE

GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
ENGINES
. . . . HYDROGEN OXYGEN ENGINES
. **RL-10-A-3 ENGINE**
. RL-10 ENGINES
. **RL-10-A-3 ENGINE**

RL-10-A-3 ENGINE--(cont.)

RT SATURN D LAUNCH VEHICLE

RLC CIRCUITS

UF LRC CIRCUITS
RLC NETWORKS
GS CIRCUITS
. RL CIRCUITS
. . . **RLC CIRCUITS**
RT CAPACITANCE
CAPACITANCE SWITCHES
ELECTRICAL RESISTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
RC CIRCUITS
TIME CONSTANT
TRANSCONDUCTANCE

RLC NETWORKS

USE RLC CIRCUITS

RNA

USE RIBONUCLEIC ACIDS

ROADS

GS **ROADS**
. HIGHWAYS
RT ∞ FACILITIES
INTERSECTIONS
PASSAGEWAYS
PAVEMENTS
RAPID TRANSIT SYSTEMS
SITE SELECTION
STREETS
TRANSPORTATION
TRANSPORTATION NETWORKS

ROADWAY POWERED VEHICLES

GS SURFACE VEHICLES
. **ROADWAY POWERED VEHICLES**
RT ELECTRIC BATTERIES
ELECTRIC MOTOR VEHICLES
ENERGY STORAGE

ROASTING

UF CALCINATION
RT BAKING
DESULFURIZING
DRYING
HEATING
IGNITION
OXIDATION
REDUCTION (CHEMISTRY)
SINTERING

ROBIN BALLOONS

GS EXPANDABLE STRUCTURES
. INFLATABLE STRUCTURES
. . . BALLOONS
. . . . METEOROLOGICAL BALLOONS
. . . . **ROBIN BALLOONS**
RT HIGH ALTITUDE BALLOONS
RADIOSONDES
ROCKOONS
SKYHOOK BALLOONS
SOUNDING

ROBOT ARMS

UF ARMS (ROBOTICS)
RT END EFFECTORS
MANIPULATORS
ROBOT DYNAMICS
ROBOTICS
ROBOTS

ROBOT CONTROL

RT ADAPTIVE CONTROL
∞ CONTROL
CONTROL SYSTEMS DESIGN
CONTROL THEORY
DYNAMIC CONTROL
FEEDBACK CONTROL
INVERSE KINEMATICS
ROBOT DYNAMICS
ROBOTICS
ROBOTS

ROBOT DYNAMICS

UF ROBOT MOTION
RT DYNAMIC CONTROL
∞ DYNAMICS
END EFFECTORS
INVERSE KINEMATICS

ROBOT DYNAMICS--(cont.)

MANIPULATORS
ROBOT ARMS
ROBOT CONTROL
ROBOTICS
TELEROBOTICS
TRAJECTORY PLANNING

ROBOT FINGERS

USE END EFFECTORS

ROBOT HANDS

USE END EFFECTORS

ROBOT MOTION

USE ROBOT DYNAMICS

ROBOT SENSORS

GS **ROBOT SENSORS**
.. TACTILE SENSORS (ROBOTICS)
.. TORQUE SENSORS (ROBOTICS)
RT COMPUTER VISION
ROBOTICS
ROBOTS
∞ SENSORS

ROBOTICS

GS **ROBOTICS**
.. TELEROBOTICS
RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
AUTOMATIC CONTROL
∞ AUTOMATION
COMPUTER AIDED DESIGN
COMPUTER AIDED MANUFACTURING
COMPUTER AIDED MAPPING
COMPUTER VISION
END EFFECTORS
INVERSE KINEMATICS
MAN MACHINE SYSTEMS
MANIPULATORS
POSITION SENSING
ROBOT ARMS
ROBOT CONTROL
ROBOT DYNAMICS
ROBOT SENSORS
ROBOTS
TASK PLANNING (ROBOTICS)
TELEOPERATORS
TRAJECTORY PLANNING
VOICE CONTROL

ROBOTS

RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
BIONICS
COMPUTER VISION
END EFFECTORS
PSYCHOLINGUISTICS
ROBOT ARMS
ROBOT CONTROL
ROBOT SENSORS
ROBOTICS
SERVOMECHANISMS
TACTILE SENSORS (ROBOTICS)
TASK PLANNING (ROBOTICS)
TELEROBOTICS
TORQUE SENSORS (ROBOTICS)
VOICE CONTROL

ROBUSTNESS (MATHEMATICS)

RT ALGORITHMS
CONTROL STABILITY
CONTROL THEORY
FEEDBACK CONTROL
LINEAR SYSTEMS
MATHEMATICAL MODELS

ROCHE LIMIT

GS RANGE (EXTREMES)
.. **ROCHE LIMIT**
RT CELESTIAL MECHANICS
DIMENSIONAL STABILITY
GRAVITATION
NATURAL SATELLITES
ORBITS
ROTATING BODIES
TWO BODY PROBLEM

ROCK BOLTS

GS FASTENERS
.. BOLTS
.. **ROCK BOLTS**

ROCK INTRUSIONS

UF DIKES (GEOLOGY)
GS **ROCK INTRUSIONS**
.. BATHOLITHS
RT CONTACTS (GEOLOGY)
IGNEOUS ROCKS
INLIERS (LANDFORMS)
REGOLITH
ROCKS

ROCK MECHANICS

RT FRACTURE MECHANICS
GEOLOGY
ROCKS
SOIL MECHANICS
STRUCTURAL PROPERTIES (GEOLOGY)

ROCK SALT

USE HALITES

ROCKET BOOSTERS

USE BOOSTER ROCKET ENGINES

ROCKET CATAPULTS

GS LAUNCHERS
.. CATAPULTS
.. **ROCKET CATAPULTS**
.. ROCKET LAUNCHERS
.. **ROCKET CATAPULTS**
RT GUN LAUNCHERS
LAUNCH VEHICLES
LAUNCHING SITES
MISSILES
∞ ROCKETS

ROCKET CHAMBERS

USE THRUST CHAMBERS

ROCKET ENGINE CASES

UF MISSILE ENGINE CASES
ROCKET MOTOR CASES
CASES (CONTAINERS)
GS **ROCKET ENGINE CASES**
RT BONDED JOINTS
MISSILE BODIES
ORTHOTROPIC CYLINDERS
PERFORATED SHELLS
SHELLS (STRUCTURAL FORMS)
THRUST CHAMBERS

ROCKET ENGINE CONTROL

GS ENGINE CONTROL
.. **ROCKET ENGINE CONTROL**
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
DIRECTIONAL CONTROL
FLIGHT CONTROL
FUEL CONTROL
HEUS ROCKET ENGINES
MISSILE CONTROL
REMOTE CONTROL
SERVOCONTROL
SPACECRAFT CONTROL
THRUST CONTROL

ROCKET ENGINE DESIGN

GS ENGINE DESIGN
.. **ROCKET ENGINE DESIGN**
RT COLD FLOW TESTS
∞ DESIGN
ENGINE TESTS
PREFIRING TESTS
ROVER PROJECT

ROCKET ENGINE NOISE

GS ELASTIC WAVES
.. SOUND WAVES
.. NOISE (SOUND)
.. ENGINE NOISE
.. **ROCKET ENGINE NOISE**
RT MUFFLERS

ROCKET ENGINE 9KS-11000

GS ENGINES
.. ROCKET ENGINES
.. BOOSTER ROCKET ENGINES
.. **ROCKET ENGINE 9KS-11000**

ROCKET ENGINES

UF INTERPLANETARY PROPULSION
GS ENGINES
.. **ROCKET ENGINES**
.. BOOSTER ROCKET ENGINES

ROCKET ENGINES--(cont.)

.. AJ-10 ENGINE
.. ALGOL ENGINE
.. APOGEE BOOST MOTORS
.. H-1 ENGINE
.. LR-87-AJ-5 ENGINE
.. M-1 ENGINE
.. M-55 ENGINE
.. MA-2 ENGINE
.. MA-3 ENGINE
.. MA-5 ENGINE
.. NIKE BOOSTER ROCKET ENGINES
.. P-1 ENGINE
.. ROCKET ENGINE 9KS-11000
.. SPACE SHUTTLE BOOSTERS
.. ADVANCED SOLID ROCKET
MOTOR (STS)
.. X-405 ENGINE
.. DUCTED ROCKET ENGINES
.. ELECTRIC ROCKET ENGINES
.. ELECTROSTATIC ENGINES
.. ELECTROTHERMAL ENGINES
.. ARC JET ENGINES
.. RESISTOJET ENGINES
.. ION ENGINES
.. CESIUM ENGINES
.. MERCURY ION ENGINES
.. RIT ENGINES
.. HEUS ROCKET ENGINES
.. HOT WATER ROCKET ENGINES
.. HYBRID PROPELLANT ROCKET
ENGINES
.. LITHERGOL ROCKET ENGINES
.. LIQUID PROPELLANT ROCKET
ENGINES
.. AJ-10 ENGINE
.. F-1 ROCKET ENGINE
.. H-1 ENGINE
.. HYDRAZINE ENGINES
.. HYDROGEN OXYGEN ENGINES
.. J-2 ENGINE
.. M-1 ENGINE
.. RL-10-A-1 ENGINE
.. RL-10-A-3 ENGINE
.. LIQUID AIR CYCLE ENGINES
.. LR-62-RM-2 ENGINE
.. LR-87-AJ-5 ENGINE
.. LR-91-AJ-5 ENGINE
.. LR-99 ENGINE
.. MA-2 ENGINE
.. MA-3 ENGINE
.. MA-5 ENGINE
.. OXYGEN-HYDROCARBON ROCKET
ENGINES
.. RL-10 ENGINES
.. RL-10-A-1 ENGINE
.. RL-10-A-3 ENGINE
.. SPACE SHUTTLE MAIN ENGINE
.. X-405 ENGINE
.. XLR-99 ENGINE
.. YLR-91-AJ-1 ENGINE
.. M-100 ENGINE
.. MICROROCKET ENGINES
.. ORBIT MANEUVERING ENGINE
(SPACE SHUTTLE)
.. NOZZLELESS ROCKET ENGINES
.. NUCLEAR ENGINE FOR ROCKET
VEHICLES
.. NUCLEAR RAMJET ENGINES
.. NUCLEAR ROCKET ENGINES
.. NUCLEAR LIGHTBULB ENGINES
.. RESTARTABLE ROCKET ENGINES
.. RETROROCKET ENGINES
.. BE-3 ENGINE
.. REUSABLE ROCKET ENGINES
.. SOLID PROPELLANT ROCKET
ENGINES
.. ALGOL ENGINE
.. APOGEE BOOST MOTORS
.. ASROC ENGINE
.. HERCULES ENGINE
.. M-46 ENGINE
.. M-55 ENGINE
.. M-56 ENGINE
.. M-57 ENGINE
.. NIKE BOOSTER ROCKET ENGINES
.. P-1 ENGINE
.. SL-3 ROCKET ENGINE
.. SPACE SHUTTLE BOOSTERS
.. ADVANCED SOLID ROCKET
MOTOR (STS)
.. SYNCOM APOGEE ENGINES
.. TU-121 ENGINE
.. TX-77 ENGINE
.. TX-354 ENGINE
.. X-248 ENGINE

ROCKET ENGINES--(cont.)

- ... X-254 ENGINE
- ... X-258 ENGINES
- ... X-258-B1 ENGINE
- ... X-259 ENGINE
- ... XM-33 ENGINE
- ... SUSTAINER ROCKET ENGINES
- ... TURBOROCKET ENGINES
- ... ULLAGE ROCKET ENGINES
- ... UPPER STAGE ROCKET ENGINES
- ... VERNIER ENGINES
- ... SYNCOM APOGEE ENGINES
- RT AIRCRAFT ENGINES
- AXIAL MODES
- BURNING TIME
- DUMP COMBUSTORS
- EJECTORS
- EXHAUST NOZZLES
- EXPENDABLE STAGES (SPACECRAFT)
- HEAVY LIFT LAUNCH VEHICLES
- HYBRID PROPULSION
- IGNITION SYSTEMS
- INTERNAL COMBUSTION ENGINES
- JET ENGINES
- JET PROPULSION
- LASER PROPULSION
- LAUNCH VEHICLES
- LUNAR MODULE ASCENT STAGE
- MAGNETOPLASMA DYNAMICS
- MATTER-ANTIMATTER PROPULSION
- MISSILE CONFIGURATIONS
- MISSILES
- MULTISTAGE ROCKET VEHICLES
- NEGATIVE MATTER PROPULSION
- POST BOOST PROPULSION SYSTEM
- ∞ PROPELLANT ACTUATED DEVICES
- PROPELLANT EXPLOSIONS
- REFRACTORIES
- REUSABLE LAUNCH VEHICLES
- RIFT (REACTOR IN FLIGHT TEST)
- ∞ ROCKETS
- SINGLE STAGE ROCKET VEHICLES
- SOLID ROCKET PROPELLANTS
- SPACECRAFT COMPONENTS
- SPACECRAFT PROPULSION
- SPACECRAFT STRUCTURES
- THRUST
- THRUST VECTOR CONTROL
- THRUST-WEIGHT RATIO
- ∞ THRUSTORS

ROCKET EXHAUST

- GS PLUMES
- ... **ROCKET EXHAUST**
- RT BASE HEATING
- COMBUSTION PRODUCTS
- EXHAUST CLOUDS
- EXHAUST GASES
- EXHAUST SYSTEMS
- JET EXHAUST

ROCKET FIRING

- GS FIRING (IGNITING)
- ... **ROCKET FIRING**
- ... RETROFIRING
- RT BURNING TIME
- DETONATION
- LIFTOFF (LAUNCHING)
- STATIC FIRING
- TEST FIRING

ROCKET FLIGHT

- RT CLIMBING FLIGHT
- COASTING FLIGHT
- ∞ FLIGHT
- FLIGHT PATHS
- HORIZONTAL FLIGHT
- HYPERSONIC FLIGHT
- METEOROLOGICAL FLIGHT
- SPACE FLIGHT
- SUBORBITAL FLIGHT
- SUPERSONIC FLIGHT
- TRAJECTORIES
- TRANSONIC FLIGHT
- VERTICAL FLIGHT

ROCKET LAUNCHERS

- GS LAUNCHERS
- ... **ROCKET LAUNCHERS**
- ... ROCKET CATAPULTS
- RT GROUND SUPPORT EQUIPMENT
- GUN LAUNCHERS
- LAUNCH VEHICLES
- LAUNCHING
- LAUNCHING SITES

ROCKET LAUNCHERS--(cont.)

- MISSILE LAUNCHERS
- ∞ ROCKETS
- ROCKOONS
- SEA LAUNCHING

ROCKET LAUNCHING

- UF BLASTOFF
- GS LAUNCHING
- ... **ROCKET LAUNCHING**
- ... LIFTOFF (LAUNCHING)
- ... LUNAR LAUNCH
- ... ORBITAL LAUNCHING
- RT EXHAUST CLOUDS
- LAUNCH VEHICLES
- LAUNCH WINDOWS
- LAUNCHERS
- SPACECRAFT LAUNCHING

ROCKET LININGS

- GS LININGS
- ... **ROCKET LININGS**
- RT BONDED JOINTS
- ENGINE PARTS
- REFRACTORIES

ROCKET MOTOR CASES

- USE ROCKET ENGINE CASES

ROCKET NOSE CONES

- GS CONES
- ... NOSE CONES
- ... **ROCKET NOSE CONES**
- FOREBODIES
- ... NOSES (FOREBODIES)
- ... NOSE CONES
- ... **ROCKET NOSE CONES**
- RT ABLATIVE NOSE CONES

ROCKET NOZZLES

- GS **ROCKET NOZZLES**
- ... DUAL THRUST NOZZLES
- RT ANNULAR NOZZLES
- CARBON-PHENOLIC COMPOSITES
- CONICAL NOZZLES
- CONVERGENT-DIVERGENT NOZZLES
- DIVERGENT NOZZLES
- HYPERSONIC NOZZLES
- NOZZLE INSERTS
- NOZZLELESS ROCKET ENGINES
- ∞ NOZZLES
- PLUG NOZZLES
- SKIRTS
- SPIKE NOZZLES
- SUPERSONIC NOZZLES

ROCKET OXIDIZERS

- UF PROPELLANT OXIDIZERS
- GS OXIDIZERS
- ... **ROCKET OXIDIZERS**
- ... FLOX
- ... TAGN
- RT CRYOGENIC FLUIDS
- DOMINO PROPELLANTS
- HIGH ENERGY OXIDIZERS
- HYDROGEN PEROXIDE
- LIQUID OXIDIZERS
- LIQUID OXYGEN
- NITROGEN TETROXIDE
- NITRONIUM PERCHLORATE
- TATB
- TETRAFLUROHYDRAZINE

ROCKET PLANES

- GS ROCKET VEHICLES
- ... **ROCKET PLANES**
- ... X-1 AIRCRAFT
- ... X-2 AIRCRAFT
- ... X-15 AIRCRAFT
- RT AEROSPACE PLANES
- ∞ AIRCRAFT
- BOOSTGLIDE VEHICLES
- RESEARCH AIRCRAFT

ROCKET PROPELLANT TANKS

- USE PROPELLANT TANKS

ROCKET PROPELLANTS

- UF MULTIPROPELLANTS
- GS PROPELLANTS
- ... **ROCKET PROPELLANTS**
- ... GASEOUS ROCKET PROPELLANTS
- ... LIQUID ROCKET PROPELLANTS
- ... CRYOGENIC ROCKET PROPELLANTS

ROCKET PROPELLANTS--(cont.)

- ... GELLED ROCKET PROPELLANTS
- ... HYPERGOLIC ROCKET PROPELLANTS
- ... MONOPROPELLANTS
- ... AEROZINE
- ... RP-1 ROCKET PROPELLANTS
- ... SLURRY PROPELLANTS
- ... SLUSH HYDROGEN
- ... NITRAMINE PROPELLANTS
- ... SOLID ROCKET PROPELLANTS
- ... DOUBLE BASE ROCKET PROPELLANTS
- ... METAL PROPELLANTS
- ... TAGN
- ... TATB
- RT ASCENT PROPULSION SYSTEMS
- AUXILIARY PROPULSION
- FUELS
- HYDRAZINES
- HYDROCARBON FUELS
- MISSILES
- PROPELLANT BINDERS
- PROPELLANT STORAGE
- PROPULSION
- SOLID PROPELLANTS
- SPECIFIC IMPULSE
- STORABLE PROPELLANTS
- THRUST
- TORPEDO ENGINES

ROCKET PROPELLED SLEDS

- GS SURFACE VEHICLES
- ... SLEDS
- ... **ROCKET PROPELLED SLEDS**
- RT JAVELIN ROCKET VEHICLE
- ∞ TEST EQUIPMENT

ROCKET SONDES

- USE SOUNDING ROCKETS

ROCKET SOUNDING

- GS SOUNDING
- RT **ROCKET SOUNDING**
- ACOUSTIC SOUNDING
- ATMOSPHERIC SOUNDING
- BARIUM ION CLOUDS
- IN SITU MEASUREMENT
- IONOSPHERIC SOUNDING
- JUDI-DART ROCKET
- MICROWAVE SOUNDING
- SATELLITE SOUNDING
- SOUNDING ROCKETS

ROCKET TEST FACILITIES

- GS TEST FACILITIES
- ... **ROCKET TEST FACILITIES**
- RT ENGINE TESTS
- TEST FIRING
- TEST RANGES
- TEST STANDS

ROCKET THRUST

- GS THRUST
- ... **ROCKET THRUST**
- ... RETROTHRUST
- RT HIGH THRUST
- JET THRUST
- LIFTOFF (LAUNCHING)
- LOW THRUST
- LOW THRUST PROPULSION
- MICROTHRUST
- PROPULSION SYSTEM PERFORMANCE
- SPECIFIC IMPULSE
- STATIC THRUST
- THRUST LOADS
- THRUST TERMINATION
- VARIABLE THRUST

ROCKET VEHICLES

- GS **ROCKET VEHICLES**
- ... ARCON ROCKET VEHICLE
- ... BLUE STREAK LAUNCH VEHICLE
- ... BLUE STREAK MISSILE
- ... CENTAUR LAUNCH VEHICLE
- ... ATLAS CENTAUR LAUNCH VEHICLE
- ... FOLDING FIN AIRCRAFT ROCKET VEHICLE
- ... HOVERING ROCKET VEHICLES
- ... METEOR 1 ROCKET VEHICLE
- ... MULTISTAGE ROCKET VEHICLES
- ... ABLESTAR LAUNCH VEHICLE
- ... ANTARES ROCKET VEHICLE
- ... ARGO ROCKET VEHICLES
- ... ARIANE LAUNCH VEHICLE

ROCKET VEHICLES--(cont.)

. . . ASTROBEE ROCKET VEHICLES
 . . . ASTROBEE 1500 ROCKET VEHICLE
 . . . ATHENA ROCKET VEHICLE
 . . . ATLAS LAUNCH VEHICLES
 . . . ATLAS ABLE 5 LAUNCH VEHICLE
 . . . ATLAS AGENA B LAUNCH VEHICLE
 . . . ATLAS AGENA LAUNCH VEHICLES
 . . . ATLAS CENTAUR LAUNCH VEHICLE
 . . . ATLAS SLV-3 LAUNCH VEHICLE
 . . . BERENICE ROCKET VEHICLE
 . . . BLACK KNIGHT ROCKET VEHICLE
 . . . BLUE SCOUT ROCKET VEHICLE
 . . . DIAMANT LAUNCH VEHICLE
 . . . ELDO LAUNCH VEHICLE
 . . . EXOS SOUNDING ROCKET
 . . . JAGUAR ROCKET VEHICLE
 . . . JAVELIN ROCKET VEHICLE
 . . . JUNO LAUNCH VEHICLES
 . . . JUNO 1 LAUNCH VEHICLE
 . . . JUNO 2 LAUNCH VEHICLE
 . . . JUPITER C ROCKET VEHICLE
 . . . KAPPA ROCKET VEHICLES
 . . . KAPPA 8 ROCKET VEHICLE
 . . . KAPPA 9 ROCKET VEHICLE
 . . . LAMBDA ROCKET VEHICLES
 . . . LITTLE JOE 2 LAUNCH VEHICLE
 . . . NIKE ROCKET VEHICLES
 . . . NIKE-APACHE ROCKET VEHICLE
 . . . NIKE-CAJUN ROCKET VEHICLE
 . . . NIKE-HYDAC ROCKET VEHICLE
 . . . NIKE-IROQUOIS ROCKET VEHICLE
 . . . NIKE-JAVELIN ROCKET VEHICLE
 . . . NIKE-TOMAHAWK ROCKET VEHICLE
 . . . NOVA LAUNCH VEHICLES
 . . . PEGASUS AIR-LAUNCHED BOOSTER
 . . . PHOENIX SOUNDING ROCKET
 . . . RAM B LAUNCH VEHICLE
 . . . RUBIS ROCKET VEHICLE
 . . . SATURN LAUNCH VEHICLES
 . . . SATURN D LAUNCH VEHICLE
 . . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-1 LAUNCH VEHICLE
 . . . SATURN 1 SA-2 LAUNCH VEHICLE
 . . . SATURN 1 SA-3 LAUNCH VEHICLE
 . . . SATURN 1 SA-4 LAUNCH VEHICLE
 . . . SATURN 1 SA-5 LAUNCH VEHICLE
 . . . SATURN 1 SA-6 LAUNCH VEHICLE
 . . . SATURN 1 SA-7 LAUNCH VEHICLE
 . . . SATURN 1 SA-8 LAUNCH VEHICLE
 . . . SATURN 1 SA-9 LAUNCH VEHICLE
 . . . SATURN 1 SA-10 LAUNCH VEHICLE
 . . . SATURN 1B LAUNCH VEHICLES
 . . . SATURN 2 LAUNCH VEHICLES
 . . . SATURN 5 LAUNCH VEHICLES
 . . . SCOUT LAUNCH VEHICLE
 . . . SKYLARK ROCKET VEHICLE
 . . . THOR LAUNCH VEHICLES
 . . . THOR ABLE ROCKET VEHICLE
 . . . THOR AGENA LAUNCH VEHICLE
 . . . THOR DELTA LAUNCH VEHICLE
 . . . TITAN LAUNCH VEHICLES
 . . . TITAN 3 LAUNCH VEHICLE
 . . . TITAN 4 LAUNCH VEHICLE
 . . . VANGUARD 2 LAUNCH VEHICLE
 . . . VEGA LAUNCH VEHICLE
 . . . WASP SOUNDING ROCKET
 . . . PAYLOAD ASSIST MODULE
 . . . ROCKET PLANES
 . . . X-1 AIRCRAFT
 . . . X-2 AIRCRAFT
 . . . X-15 AIRCRAFT
 . . . SATURN STAGES
 . . . SATURN S-1 STAGE
 . . . SATURN S-1B STAGE
 . . . SATURN S-1C STAGE
 . . . SATURN S-2 STAGE
 . . . SATURN S-4 STAGE
 . . . SATURN S-4B STAGE
 . . . SINGLE STAGE ROCKET VEHICLES
 . . . AGENA ROCKET VEHICLES
 . . . AGENA A ROCKET VEHICLE
 . . . AGENA B ROCKET VEHICLE
 . . . AGENA C ROCKET VEHICLE
 . . . AGENA D ROCKET VEHICLE
 . . . ARCAS ROCKET VEHICLES
 . . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING ROCKET
 . . . BLACK BRANT 2 SOUNDING ROCKET
 . . . BLACK BRANT 3 SOUNDING ROCKET
 . . . BLACK BRANT 4 SOUNDING ROCKET

ROCKET VEHICLES--(cont.)

. . . BLACK BRANT 5 SOUNDING ROCKET
 . . . BLACK KNIGHT ROCKET VEHICLE
 . . . DORNIER PARAGLIDER ROCKET VEHICLE
 . . . GENIE ROCKET VEHICLE
 . . . HONEST JOHN ROCKET VEHICLE
 . . . HYLAR-STAR ROCKET VEHICLE
 . . . LITTLE JOHN ROCKET VEHICLE
 . . . LOKI ROCKET VEHICLE
 . . . NOMAD LAUNCH VEHICLE
 . . . VERONIQUE ROCKET VEHICLES
 . . . VIKING ROCKET VEHICLE
 . . . ZUNI ROCKET VEHICLE
 . . . SOUNDING ROCKETS
 . . . AEROBEE ROCKET VEHICLE
 . . . ANTARES ROCKET VEHICLE
 . . . APACHE ROCKET VEHICLE
 . . . ARCAS ROCKET VEHICLES
 . . . ARIES SOUNDING ROCKET
 . . . ASTROBEE ROCKET VEHICLES
 . . . ASTROBEE 1500 ROCKET VEHICLE
 . . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING ROCKET
 . . . BLACK BRANT 2 SOUNDING ROCKET
 . . . BLACK BRANT 3 SOUNDING ROCKET
 . . . BLACK BRANT 4 SOUNDING ROCKET
 . . . BLACK BRANT 5 SOUNDING ROCKET
 . . . CAJUN ROCKET VEHICLE
 . . . DORNIER PARAGLIDER ROCKET VEHICLE
 . . . EXOS SOUNDING ROCKET
 . . . JAGUAR ROCKET VEHICLE
 . . . JUDI-DART ROCKET
 . . . KAPPA ROCKET VEHICLES
 . . . KAPPA 8 ROCKET VEHICLE
 . . . KAPPA 9 ROCKET VEHICLE
 . . . LAMBDA ROCKET VEHICLES
 . . . LOKI ROCKET VEHICLE
 . . . PETREL SOUNDING ROCKET
 . . . PHOENIX SOUNDING ROCKET
 . . . SKUA ROCKET VEHICLES
 . . . SKYLARK ROCKET VEHICLE
 . . . VENUS FLY TRAP ROCKET VEHICLE
 . . . VERONIQUE ROCKET VEHICLES
 . . . VERTICAL 8 ROCKET
 . . . WASP SOUNDING ROCKET
 . . . STANDARD LAUNCH VEHICLES
 . . . ATLAS SLV-3 LAUNCH VEHICLE
 . . . STANDARD LAUNCH VEHICLE 5
 . . . SURFACE TO SURFACE ROCKETS
 . . . HONEST JOHN ROCKET VEHICLE
 . . . LITTLE JOHN ROCKET VEHICLE
 . . . THORAD LAUNCH VEHICLES
 . . . THOR ABLE ROCKET VEHICLE
 . . . THOR AGENA LAUNCH VEHICLE
 . . . THOR DELTA LAUNCH VEHICLE
 . . . TITAN CENTAUR LAUNCH VEHICLE
 . . . ACOUSTIC SOUNDING
 . . . BALLISTIC VEHICLES
 . . . FLIGHT VEHICLES
 . . . HEUS ROCKET ENGINES
 . . . LAUNCH VEHICLES
 . . . MISSILE CONFIGURATIONS
 . . . MULTIENGINE VEHICLES
 . . . ROCKETS
 . . . SPACE PROCESSING APPLICATIONS
 . . . ROCKET
 . . . STAGE SEPARATION
 . . . TEST VEHICLES
 . . . TRAILBLAZER 1 REENTRY VEHICLE
 . . . TRAILBLAZER 2 REENTRY VEHICLE
 . . . VEHICLES
 . . . WINGED VEHICLES
 . . . X-17 REENTRY VEHICLE

ROCKET-BORNE INSTRUMENTS

RT CONTROLLERS
 FLIGHT TEST INSTRUMENTS
 . . . INSTRUMENTS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 POSITION INDICATORS

ROCKET-BORNE PHOTOGRAPHY

GS IMAGERY
 . . . ROCKET-BORNE PHOTOGRAPHY PHOTOGRAPHY
 . . . ROCKET-BORNE PHOTOGRAPHY

ROCKET-BORNE PHOTOGRAPHY--(cont.)

RT AERIAL PHOTOGRAPHY
 ASTRONOMICAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 PHOTOMAPPING
 SATELLITE-BORNE PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY

ROCKETS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AIR SLEW MISSILES
 AMMUNITION
 ESCAPE ROCKETS
 HEAVY LIFT LAUNCH VEHICLES
 INCENDIARY AMMUNITION
 LAUNCH VEHICLES
 MISSILES
 NUCLEAR RAMJET ENGINES
 NUCLEAR ROCKET ENGINES
 NUCLEAR WEAPONS
 PATRIOT MISSILE
 PETREL SOUNDING ROCKET
 PYROTECHNICS
 REENTRY
 REENTRY VEHICLES
 ROCKET CATAPULTS
 ROCKET ENGINES
 ROCKET LAUNCHERS
 ROCKET VEHICLES
 ROCKOONS
 SPACE FLIGHT
 SURFACE TO AIR MISSILES
 SURFACE TO SURFACE MISSILES
 SURFACE TO SURFACE ROCKETS
 TORPEDOES
 VERTICAL 8 ROCKET
 WARHEADS
 WEAPON SYSTEMS
 WEAPONS DELIVERY

ROCKOONS

RT HIGH ALTITUDE BALLOONS
 METEOROLOGICAL BALLOONS
 ROBIN BALLOONS
 ROCKET LAUNCHERS
 . . . ROCKETS
 SKYHOOK BALLOONS

ROCKS

UF STONES (ROCKS)
 GS ROCKS
 . . . ANDESITE
 . . . ATAXITE
 . . . BEDROCK
 . . . BALTIC SHIELD (EUROPE)
 . . . BATHOLITHS
 . . . BRECCIA
 . . . GNEISS
 . . . IGNEOUS ROCKS
 . . . ANORTHOSITE
 . . . BASALT
 . . . DIORITE
 . . . DUNITE
 . . . ECLOGITE
 . . . FELSITE
 . . . GABBRO
 . . . GRANITE
 . . . OBSIDIAN
 . . . MOLDAVITE
 . . . PERIDOTITE
 . . . PUMICE
 . . . RHYOLITE
 . . . SYENITE
 . . . TRACHYTE
 . . . LUNAR ROCKS
 . . . KREEP
 . . . METAMORPHIC ROCKS
 . . . QUARTZITE
 . . . REGOLITH
 . . . SCHIST
 . . . SEDIMENTARY ROCKS
 . . . CARBONACEOUS ROCKS
 . . . COAL
 . . . ANTHRACITE
 . . . LIGNITE
 . . . LIMESTONE
 . . . SANDSTONES
 . . . SHALES
 . . . SHATTER CONES
 RT AGGREGATES
 BAUXITE
 BOREHOLES
 CLAYS

ROCKS--(cont.)

CONTACTS (GEOLOGY)
 CROSSBEDDING (GEOLOGY)
 DIRT
 DOLOMITE (MINERAL)
 EARTH RESOURCES
 EFFUSIVES
 ENSTATITE
 FOLDS (GEOLOGY)
 FORMATIONS
 GEOLOGY
 GYPSUM
 INLIERS (LANDFORMS)
 KARST
 LANDSLIDES
 LATERITES
 LAVA
 LEDGES
 LITHOLOGY
 MAGMA
 METAMORPHISM (GEOLOGY)
 MINERALS
 NUNATAKS
 OLIVINE
 OUTLIERS (LANDFORMS)
 PALEOMAGNETISM
 PETROGRAPHY
 PETROLOGY
 PYROXENES
 QUARTZ
 REEFS
 ROCK INTRUSIONS
 ROCK MECHANICS
 SERPENTINE
 SOILS
 STRATIGRAPHY
 TUNNELING (EXCAVATION)

ROCKWELL HARDNESS

GS MECHANICAL PROPERTIES
 . HARDNESS
 . . **ROCKWELL HARDNESS**
 RT MICROHARDNESS

ROCKY MOUNTAINS (NORTH AMERICA)

GS LANDFORMS
 . MOUNTAINS
 . . **ROCKY MOUNTAINS (NORTH AMERICA)**
 RT CANADA
 UNITED STATES

RODENTS

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . **RODENTS**
 GUINEA PIGS
 HAMSTERS
 MICE
 JERBOAS
 POCKET MICE
 RABBITS
 RATS
 SQUIRRELS
 GROUND SQUIRRELS

RODS

GS **RODS**
 . CONTROL RODS
 RT BARS
 BILLETS
 DIRECTORS (ANTENNA ELEMENTS)
 STRUCTURAL MEMBERS
 WIRE

ROENTGEN SATELLITE

USE ROSAT MISSION

ROGALLO WINGS

USE FLEXIBLE WINGS
 FOLDING STRUCTURES

ROLL

GS ATTITUDE (INCLINATION)
 . **ROLL**
 RT DAMPING
 LATERAL CONTROL
 LATERAL OSCILLATION
 LATERAL STABILITY
 PITCH (INCLINATION)
 ROLLERS
 ∞ ROLLING
 ROLLING MOMENTS
 ROTATION

ROLL--(cont.)

SIDESLIP
 TURNING FLIGHT
 YAW

ROLL CONTROL

USE LATERAL CONTROL

ROLL FORMING

GS FORMING TECHNIQUES
 . **ROLL FORMING**
 RT COLD WORKING
 METAL WORKING

ROLLER BEARINGS

GS BEARINGS
 . ANTI-FRICTION BEARINGS
 . . **ROLLER BEARINGS**
 RT BALL BEARINGS
 NEEDLE BEARINGS
 THRUST BEARINGS

ROLLERS

RT CONVEYORS
 CYLINDRICAL BODIES
 DISPENSERS
 DISTRIBUTORS
 IDLERS
 PLATENS
 PULLEYS
 ROLL
 TIRES
 VEHICLE WHEELS
 WHEELS

∞ ROLLING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AUSFORMING
 FLATTENING
 FORGING
 LEVELING
 METAL WORKING
 ROLL

ROLLING CONTACT LOADS

GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . CONTACT LOADS
 . . . **ROLLING CONTACT LOADS**
 RT ANTI-FRICTION BEARINGS
 STRESSES
 STRUCTURAL DESIGN CRITERIA

ROLLING MOMENTS

GS MOMENTS
 . STABILITY DERIVATIVES
 . . **ROLLING MOMENTS**
 RT AERODYNAMIC COEFFICIENTS
 LATERAL STABILITY
 MOMENTS OF INERTIA
 PITCHING MOMENTS
 ROLL
 TORQUE
 YAWING MOMENTS

ROLLUP SOLAR ARRAYS

USE SOLAR ARRAYS

ROM DEVICES

USE READ-ONLY MEMORY DEVICES

ROMANIA

UF RUMANIA
 GS NATIONS
 . **ROMANIA**
 RT BLACK SEA
 CENTRAL EUROPE
 EUROPE

RONCHI TEST

GS INTERFEROMETRY
 . **RONCHI TEST**
 RT ELECTROMAGNETIC RADIATION
 ETALONS
 GRATINGS (SPECTRA)
 INTERFEROMETERS
 MEASURING INSTRUMENTS
 OPTICAL MEASUREMENT

ROOFS

RT BUILDINGS
 SHEATHS

ROOM TEMPERATURE

GS TEMPERATURE
 . **ROOM TEMPERATURE**
 RT AMBIENT TEMPERATURE
 OPERATING TEMPERATURE

ROOMS

GS **ROOMS**
 . CLEAN ROOMS
 . DARKROOMS
 RT COMPARTMENTS
 ENCLOSURES
 ∞ LOUNGES

ROOT-MEAN-SQUARE ERRORS

GS ERRORS
 . **ROOT-MEAN-SQUARE ERRORS**
 RT ERROR ANALYSIS
 STATISTICAL ANALYSIS

∞ ROOTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT PLANT ROOTS
 RADICALS
 ROOTS OF EQUATIONS
 WING ROOTS

ROOTS OF EQUATIONS

UF ZERO CROSSINGS
 RT EIGENVALUES
 ∞ EQUATIONS
 EXISTENCE THEOREMS
 MATRICES (MATHEMATICS)
 NEWTON METHODS
 NONLINEAR EQUATIONS
 POLYNOMIALS
 ∞ ROOTS

RORSCHACH TESTS

GS PSYCHOLOGICAL TESTS
 . **RORSCHACH TESTS**
 RT MENTAL HEALTH
 PSYCHOLOGY
 ∞ TESTS

ROSAT MISSION

UF ROENTGEN SATELLITE
 GS ARTIFICIAL SATELLITES
 . **ROSAT MISSION**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . **ROSAT MISSION**
 RT ASTRONOMICAL SATELLITES
 INTERNATIONAL COOPERATION
 SPACEBORNE ASTRONOMY
 SPACEBORNE TELESCOPES
 X RAY ASTRONOMY
 X RAY SOURCES
 X RAY TELESCOPES

ROSETTE SHAPES

GS SHAPES
 . **ROSETTE SHAPES**
 RT ANTENNA RADIATION PATTERNS
 CRYSTALLITES
 SPHERULITES
 STRAIN GAGES

ROSHKO PREDICTION

GS PREDICTIONS
 . **ROSHKO PREDICTION**
 RT BLUFF BODIES
 LAMINAR FLOW
 OSEEN APPROXIMATION
 THREE DIMENSIONAL FLOW

ROSIN

GS GUMS (SUBSTANCES)
 . **ROSIN**
 RT ORGANIC MATERIALS

ROSS ICE SHELF

GS REGIONS
 . POLAR REGIONS
 . . ANTARCTIC REGIONS
 . . . **ROSS ICE SHELF**
 SOUTHERN HEMISPHERE
 . ANTARCTIC REGIONS
 . . **ROSS ICE SHELF**
 RT MCMURDO SOUND

ROSSBY REGIMES

RT BAROTROPIC FLOW
PLANETARY WAVES

ROSSBY WAVES

USE PLANETARY WAVES

ROTARY DRIVES

USE MECHANICAL DRIVES

ROTARY ENGINES

GS ENGINES
INTERNAL COMBUSTION ENGINES
ROTARY ENGINES
WANKEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
PISTON ENGINES

ROTARY GYROSCOPES

GS GYROSCOPES
ROTARY GYROSCOPES
FLUID ROTOR GYROSCOPES
RT GYROSCOPE FLUIDS
GYROSCOPIC STABILITY
ROTATING BODIES

ROTARY STABILITY

UF WHIRL INSTABILITY
GS DYNAMIC CHARACTERISTICS
DYNAMIC STABILITY
MOTION STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
STABILITY
DYNAMIC STABILITY
MOTION STABILITY
ROTARY STABILITY
GYROSCOPIC STABILITY
RT AIRFOIL OSCILLATIONS
DIRECTIONAL STABILITY
FLOW STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
ROTATING BODIES
ROTATION
ROTOR DYNAMICS

ROTARY WING AIRCRAFT

UF ROTORCRAFT
GS V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
AUTOGYROS
AVIAN 2/180 AUTOGIRO
HELICOPTERS
ALOUETTE HELICOPTERS
SA-330 HELICOPTER
SE-3160 HELICOPTER
COMPOUND HELICOPTERS
H-17 HELICOPTER
LIGHT HELICOPTERS
OH-4 HELICOPTER
OH-5 HELICOPTER
OH-6 HELICOPTER
OH-58 HELICOPTER
MILITARY HELICOPTERS
AH-1G HELICOPTER
AH-64 HELICOPTER
BELL 214A HELICOPTER
BO-105 HELICOPTER
CH-3 HELICOPTER
CH-21 HELICOPTER
CH-34 HELICOPTER
CH-46 HELICOPTER
CH-47 HELICOPTER
CH-54 HELICOPTER
H-19 HELICOPTER
H-43 HELICOPTER
H-53 HELICOPTER
H-54 HELICOPTER
H-56 HELICOPTER
H-60 HELICOPTER
HC-3 HELICOPTER
HEAVY LIFT HELICOPTERS
CH-62 HELICOPTER
HH-43 HELICOPTER
OH-4 HELICOPTER
OH-5 HELICOPTER
OH-6 HELICOPTER
OH-13 HELICOPTER
OH-23 HELICOPTER
OH-58 HELICOPTER
P-531 HELICOPTER
QH-50 HELICOPTER
S-58 HELICOPTER

ROTARY WING AIRCRAFT--(cont.)

.... S-61 HELICOPTER
.... SA-321 HELICOPTER
.... SA-330 HELICOPTER
.... SH-3 HELICOPTER
.... SH-4 HELICOPTER
.... SIKORSKY WHIRLWIND
HELICOPTER
UH-1 HELICOPTER
UH-2 HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
WESTLAND WHIRLWIND
HELICOPTER
XV-9A AIRCRAFT
RIGID ROTOR HELICOPTERS
CH-3 HELICOPTER
F-28 HELICOPTER
XH-51 HELICOPTER
TANDEM ROTOR HELICOPTERS
CH-46 HELICOPTER
CH-47 HELICOPTER
H-25 HELICOPTER
TH-55 HELICOPTER
ROTOR SYSTEMS RESEARCH
AIRCRAFT
TILT ROTOR AIRCRAFT
V-22 AIRCRAFT
XV-15 AIRCRAFT
RT AIRCRAFT
AUTOROTATION
COMMERCIAL AIRCRAFT
LIFTING ROTORS
MILITARY AIRCRAFT
PASSENGER AIRCRAFT
ROTORCRAFT AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WESER AIRCRAFT
WESTLAND AIRCRAFT

ROTARY WINGS

UF HELICOPTER ROTORS
HINGED ROTOR BLADES
GS AIRFOILS
WINGS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
X WING ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
X WING ROTORS
RT BLADE TIPS
BLADE-VORTEX INTERACTION
BLADES
CONVERTIBLE FAN-SHAFT ENGINES
FAN BLADES
FLAPPING HINGES
FOLDING STRUCTURES
GROUND RESONANCE
HARMONIC CONTROL
HELICOPTER PROPELLER DRIVE
HELICOPTER TAIL ROTORS
LIFT FANS
PROPELLER BLADES
ROTOR BLADES
ROTOR DYNAMICS
TAIL ROTORS
TILT ROTOR RESEARCH AIRCRAFT
PROGRAM
V-22 AIRCRAFT
WHIRL TOWERS

ROTATING

USE ROTATION

ROTATING BODIES

UF ROTATING VEHICLES
SOLID ROTATION
GS ROTATING BODIES

ROTATING BODIES--(cont.)

LUNAR ROTATION
ROTATING CYLINDERS
ROTATING DISKS
ROTATING SPHERES
ROTORS
COMPRESSOR ROTORS
FLYWHEELS
IMPELLERS
PUMP IMPELLERS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
X WING ROTORS
TAIL ROTORS
HELICOPTER TAIL ROTORS
TIP VANES
TURBINE WHEELS
RT AXES OF ROTATION
BODIES
PLANETARY ROTATION
ROCHE LIMIT
ROTARY GYROSCOPES
ROTARY STABILITY
ROTATION
SPINNING UNGUIDED ROCKET
TRAJECTORY

ROTATING CYLINDERS

GS ROTATING BODIES
ROTATING CYLINDERS
SYMMETRICAL BODIES
BODIES OF REVOLUTION
CYLINDRICAL BODIES
ROTATING CYLINDERS
RT COUETTE FLOW
CYLINDERS
CYLINDRICAL SHELLS
ELASTOHYDRODYNAMICS
MAGNUS EFFECT
SHAFTS (MACHINE ELEMENTS)
VISCOMETERS
VISCOMETRY

ROTATING DISKS

GS DISKS (SHAPES)
ROTATING DISKS
ROTATING BODIES
ROTATING DISKS
RT ACCRETION DISKS
COUNTER ROTATION
KARMAN-BODEWADT FLOW
MISTUNING (TURBOMACHINERY)

ROTATING ELECTRICAL MACHINES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ARMATURES
COMMUTATORS
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTORS
INDUCTION MOTORS
MACHINERY
ROTATING GENERATORS
ROTORS
SERVOMOTORS
STATORS

ROTATING ENVIRONMENTS

GS ENVIRONMENTS
ROTATING ENVIRONMENTS
RT ARTIFICIAL GRAVITY
BARANY CHAIR
CORIOLIS EFFECT
HIGH GRAVITY ENVIRONMENTS
LANGLEY COMPLEX COORDINATOR
SPACECRAFT ENVIRONMENTS
TUMBLING MOTION

ROTATING FLUIDS

GS ROTATING FLUIDS
ROTATING LIQUIDS
RT COUNTER ROTATION
FLUIDS
GOERTLER INSTABILITY
KARMAN-BODEWADT FLOW
LIQUID SLOSHING
PLANETARY WAVES
SUPERROTATION
TAYLOR INSTABILITY

ROTATING FLUIDS--(cont.)

TRAPPED VORTICES
TURBULENT FLOW
VORTEX SHEETS
VORTICES
WING TIP VORTICES

ROTATING GENERATORS

UF DYNAMOS
GS ELECTRIC GENERATORS
 ROTATING GENERATORS
 AMPLIDYNES
 DYNAMOMETERS
 HOMOPOLAR GENERATORS
 TURBOGENERATORS
 ASTEC SOLAR TURBOELECTRIC GENERATOR
RT AC GENERATORS
 COMMUTATORS
 DC GENERATORS
 ELECTROSTATIC GENERATORS
 GENERATORS
 ROTATING ELECTRICAL MACHINES
 TURBINES
 TURBOMACHINERY

ROTATING LIQUIDS

UF LIQUID ROTATION
GS LIQUIDS
 ROTATING LIQUIDS
 ROTATING FLUIDS
 ROTATING LIQUIDS
RT GOERTLER INSTABILITY
 PLANETARY WAVES
 ROTATION
 TRAPPED VORTICES
 VORTICES

ROTATING MATTER

RT DEGENERATE MATTER
 MATTER (PHYSICS)
 ROTATION
 SPIN DYNAMICS

ROTATING MIRRORS

GS MIRRORS
 ROTATING MIRRORS
RT FRAMING CAMERAS
 HIGH SPEED CAMERAS

ROTATING PLASMAS

GS PARTICLES
 CHARGED PARTICLES
 ENERGETIC PARTICLES
 PLASMAS (PHYSICS)
 ROTATING PLASMAS
RT DRIFT RATE
 NONEQUILIBRIUM PLASMAS
 PLASMA FLUX MEASUREMENT
 THETA PINCH
 TOROIDAL PLASMAS
 TWO FLUID MODELS
 ZETA PINCH

ROTATING SHAFTS

GS SHAFTS (MACHINE ELEMENTS)
 ROTATING SHAFTS
 TURBOSHAFTS

ROTATING SPHERES

GS ROTATING BODIES
 ROTATING SPHERES
 SYMMETRICAL BODIES
 BODIES OF REVOLUTION
 SPHERES
 ROTATING SPHERES
RT EQUATORS
 SPHERICAL SHELLS

ROTATING STALLS

RT BOUNDARY LAYER SEPARATION
 COMPRESSOR BLADES
 ROTOR BLADES
 TURBOCOMPRESSORS

ROTATING VEHICLES

USE ROTATING BODIES
 VEHICLES

ROTATION

UF ROTATING
 WHIRL
 WHIRLING
GS GYRATION

ROTATION--(cont.)

ROTATION
 AUTOROTATION
 COROTATION
 COUNTER ROTATION
 EARTH ROTATION
 MOLECULAR ROTATION
 MUON SPIN ROTATION
 PLANETARY ROTATION
 SATELLITE ROTATION
 STELLAR ROTATION
 SOLAR ROTATION
RT ANGULAR ACCELERATION
 ANGULAR VELOCITY
 AXES OF ROTATION
 CIRCULATION
 CORIOLIS EFFECT
 CROSS POLARIZATION
 FARADAY EFFECT
 IMAGE ROTATION
 LIBRATION
 MOTION
 NUTATION
 PITCH (INCLINATION)
 POLARIZATION (SPIN ALIGNMENT)
 POLARIZATION (WAVES)
 PRECESSION
 REVOLVING
 ROLL
 ROTARY STABILITY
 ROTATING BODIES
 ROTATING LIQUIDS
 ROTATING MATTER
 ROTONS
 TORQUE
 VORTEX AVOIDANCE
 VORTICES
 YAW

ROTATIONAL FLOW

USE FLUID FLOW
 VORTICES

ROTATIONAL SPECTRA

GS SPECTRA
 MOLECULAR SPECTRA
 ROTATIONAL SPECTRA
RT ABSORPTION SPECTRA
 LINE SPECTRA
 MOLECULAR EXCITATION
 MOLECULAR ROTATION
 MOLECULAR SPECTROSCOPY
 ROTATIONAL STATES
 VIBRATIONAL SPECTRA

ROTATIONAL STATES

SN (LIMITED TO MOLECULAR ENERGY
 LEVELS - EXCLUDES ROTATIONAL
 DYNAMICS OF VEHICLES OR OTHER
 BODIES)
GS LEVEL (QUANTITY)
 ENERGY LEVELS
 MOLECULAR ENERGY LEVELS
 ROTATIONAL STATES
RT MOLECULAR EXCITATION
 ROTATIONAL SPECTRA

ROTIFERA

GS ANIMALS
 INVERTEBRATES
 ROTIFERA
 MICROORGANISMS
 ROTIFERA
RT WORMS

ROTOCHUTES

GS PARACHUTES
 ROTOCHUTES
RT AUTOROTATION

ROTONS

GS FLUID MECHANICS
 FLUID DYNAMICS
 ROTONS
RT ACTIVATION ENERGY
 EXCITATION
 PHOTONS
 ROTATION

ROTOR AERODYNAMICS

GS FLUID MECHANICS
 FLUID DYNAMICS
 GAS DYNAMICS
 AERODYNAMICS
 ROTOR AERODYNAMICS

ROTOR AERODYNAMICS--(cont.)

RT FLAPPING
 FLAPPING HINGES
 GROUND RESONANCE
 ROTOR BODY INTERACTIONS
 ROTOR DYNAMICS
 ROTORCRAFT AIRCRAFT
 ROTORS
 WHIRL TOWERS

ROTOR BLADES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
RT HELICOPTER TAIL ROTORS
 MISTUNING (TURBOMACHINERY)
 ROTARY WINGS
 ROTATING STALLS
 ROTOR BLADES (TURBOMACHINERY)
 ROTORCRAFT AIRCRAFT
 TAIL ROTORS
 X WING ROTORS

ROTOR BLADES (TURBOMACHINERY)

UF IMPELLER BLADES
GS TURBOMACHINE BLADES
 ROTOR BLADES (TURBOMACHINERY)
RT AIRFOILS
 BLADE TIPS
 BLADES
 COMPRESSOR BLADES
 COMPRESSOR ROTORS
 IMPELLERS
 MISTUNING (TURBOMACHINERY)
 ROTOR BLADES
 ROTORS
 STATOR BLADES
 TURBINE BLADES

ROTOR BODY INTERACTIONS

RT AERODYNAMIC CHARACTERISTICS
 AERODYNAMIC CONFIGURATIONS
 HELICOPTER DESIGN
 ROTOR AERODYNAMICS

ROTOR DISKS

USE TURBINE WHEELS

ROTOR DYNAMICS

UF ROTORDYNAMICS
RT DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 DYNAMIC STABILITY
 DYNAMICS
 ROTARY STABILITY
 ROTARY WINGS
 ROTOR AERODYNAMICS
 ROTORS
 STRUCTURAL VIBRATION
 TURBOMACHINERY

ROTOR HUBS

USE HUBS
 ROTORS

ROTOR LIFT

GS AERODYNAMIC CHARACTERISTICS
 LIFT
 ROTOR LIFT
 AERODYNAMIC FORCES
 LIFT
 ROTOR LIFT
 DYNAMIC CHARACTERISTICS
 LIFT
 ROTOR LIFT
RT DISTRIBUTION (PROPERTY)

ROTOR SPEED

GS RATES (PER TIME)
 ROTOR SPEED
 VELOCITY
 ROTOR SPEED
RT ANGULAR VELOCITY
 HIGH SPEED
 LABYRINTH SEALS
 TIP SPEED

ROTOR SYSTEMS RESEARCH AIRCRAFT

GS RESEARCH AIRCRAFT
 **ROTOR SYSTEMS RESEARCH
 AIRCRAFT**
 V/STOL AIRCRAFT
 ROTARY WING AIRCRAFT

ROTOR SYSTEMS RESEARCH AIRCRAFT--(cont.)

ROTOR SYSTEMS RESEARCH AIRCRAFT

RT ∞ AIRCRAFT
AIRCRAFT DESIGN
HELICOPTERS
NASA PROGRAMS
∞ SYSTEMS

ROTORCRAFT

USE ROTARY WING AIRCRAFT

ROTORCRAFT AIRCRAFT

RT ∞ AIRCRAFT
HELICOPTERS
ROTARY WING AIRCRAFT
ROTOR AERODYNAMICS
∞ ROTOR BLADES

ROTOR DYNAMICS

USE ROTOR DYNAMICS

ROTORS

UF ROTOR HUBS
GS ROTATING BODIES
ROTORS
COMPRESSOR ROTORS
FLYWHEELS
IMPELLERS
PUMP IMPELLERS
ROTARY WINGS
CIRCULATION CONTROL ROTORS
LIFTING ROTORS
BEARINGLESS ROTORS
RIGID ROTORS
TILTING ROTORS
TIP DRIVEN ROTORS
X WING ROTORS
TAIL ROTORS
HELICOPTER TAIL ROTORS
TIP VANES
TURBINE WHEELS
RT AIRFOILS
ARMATURES
CENTRIFUGAL COMPRESSORS
HEAVY LIFT AIRSHIPS
MISTUNING (TURBOMACHINERY)
∞ ROTATING ELECTRICAL MACHINES
ROTOR AERODYNAMICS
ROTOR BLADES (TURBOMACHINERY)
ROTOR DYNAMICS
STATORS
TURBINES
TURBOCOMPRESSORS
TURBOMACHINE BLADES
TURBOSHAFTS
WHEELS
WINGS

ROUGHNESS

GS ROUGHNESS
SEA ROUGHNESS
SURFACE ROUGHNESS
RT COARSENESS
CONTOURS
FLATNESS
MECHANICAL PROPERTIES
MOTION STABILITY
PROFILOMETERS
SMOOTHING
SURFACE PROPERTIES

ROUND TRIP TRAJECTORIES

GS TRAJECTORIES
ROUND TRIP TRAJECTORIES
CIRCULUNAR TRAJECTORIES
RT EARTH-MOON TRAJECTORIES
INTERORBITAL TRAJECTORIES
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBITAL MECHANICS
SPACECRAFT TRAJECTORIES
SWINGBY TECHNIQUE

ROUSE BELTS

RT ∞ BELTS
CONES (VOLCANOES)
EARTHQUAKES
GEOLOGICAL FAULTS
MARS VOLCANOES
SEISMOLOGY
TREMORS
VOLCANOES
VOLCANOLOGY

ROUTES

RT AIR TRAFFIC CONTROL
FLIGHT PLANS
∞ PATHS
SITE SELECTION
TRANSPORTATION

ROUTINES

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DATA CONVERSION ROUTINES
DISK OPERATING SYSTEM (DOS)
INPUT/OUTPUT ROUTINES
MERGING ROUTINES
OPERATING SYSTEMS (COMPUTERS)
USER MANUALS (COMPUTER PROGRAMS)

ROVER PROJECT

GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
ROVER PROJECT
PROJECTS
ROVER PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
ROVER PROJECT
RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET VEHICLES
NUCLEAR PROPULSION
NUCLEAR REACTORS
RIFT (REACTOR IN FLIGHT TEST)
ROCKET ENGINE DESIGN
SPACECRAFT PROPULSION

ROVING VEHICLES

UF EXTRATERRESTRIAL ROVING VEHICLES
GS SURFACE VEHICLES
ROVING VEHICLES
LUNAR ROVING VEHICLES
LUNOKHOD LUNAR ROVING VEHICLES
RT MARS SAMPLE RETURN MISSIONS
PLANETARY LANDING
PLANETARY SURFACES
RESEARCH VEHICLES
TOROIDAL WHEELS
∞ VEHICLES

ROVINGS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPOSITE MATERIALS
PROVING
WEBS (SHEETS)
YARNS

ROWLAND CIRCLES

RT GRATINGS (SPECTRA)
OPTICAL FILTERS

RP-1 ROCKET PROPELLANTS

GS PROPELLANTS
ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
RP-1 ROCKET PROPELLANTS
RT JP-4 JET FUEL
KEROSENE

RPV

USE REMOTELY PILOTED VEHICLES

RS CODES

USE REED-SOLOMON CODES

RTM (COMPOSITE MATERIALS)

USE RESIN TRANSFER MOLDING

RTV-40 RUBBER (TRADEMARK)

GS RUBBER
SILICONE RUBBER
RTV-40 RUBBER (TRADEMARK)
SYNTHETIC RUBBERS
RTV-40 RUBBER (TRADEMARK)

RTV-60 RUBBER (TRADEMARK)

GS RUBBER
SILICONE RUBBER

RTV-60 RUBBER (TRADEMARK)--(cont.)

RTV-60 RUBBER (TRADEMARK)
SYNTHETIC RUBBERS
RTV-60 RUBBER (TRADEMARK)

RUANDA-URUNDI

USE BURUNDI
RWANDA

RUBBER

GS RUBBER
LATEX
SILICONE RUBBER
RTV-40 RUBBER (TRADEMARK)
RTV-60 RUBBER (TRADEMARK)
SYNTHETIC RUBBERS
ADIPRENE (TRADEMARK)
BUNA (TRADEMARK)
ELASTOMERS
CHLOROPRENE RESINS
THIOPLASTICS
VITON RUBBER (TRADEMARK)
VULCANIZED ELASTOMERS
RTV-40 RUBBER (TRADEMARK)
RTV-60 RUBBER (TRADEMARK)
RT GUAYULE
GUMS (SUBSTANCES)
ORGANIC MATERIALS
POLYISOPRENES

RUBBER COATINGS

GS COATINGS
RUBBER COATINGS
RT PAINTS
PROTECTIVE COATINGS

RUBIDIUM

GS CHEMICAL ELEMENTS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
METALS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86

RUBIDIUM COMPOUNDS

RT ∞ ALKALI METAL COMPOUNDS
∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

RUBIDIUM ISOTOPES

GS CHEMICAL ELEMENTS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
NUCLIDES
ISOTOPES
RUBIDIUM ISOTOPES
RUBIDIUM 86
METALS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86

RUBIDIUM 86

GS CHEMICAL ELEMENTS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86
NUCLIDES
ISOTOPES
RADIOACTIVE ISOTOPES
RUBIDIUM 86
RUBIDIUM ISOTOPES
RUBIDIUM 86
METALS
ALKALI METALS
RUBIDIUM
RUBIDIUM ISOTOPES
RUBIDIUM 86

RUBIS ROCKET VEHICLE

GS ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
RUBIS ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

RUBY

RT ALUMINUM OXIDES
CRYSTALS

RUBY LASERS

GS ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . . SOLID STATE LASERS
. . . **RUBY LASERS**
STIMULATED EMISSION DEVICES
. LASERS
. . . SOLID STATE LASERS
. . . **RUBY LASERS**
RT PULSED LASERS
Q SWITCHED LASERS
VERNEUIL PROCESS

RUDDERS

GS CONTROL SURFACES
. **RUDDERS**
. . AERIAL RUDDERS
. . MARINE RUDDERS
RT AIRFOILS
FINS
PINTLES
STABILIZERS (FLUID DYNAMICS)
SWEEPBACK TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES

RUGGEDNESS

RT DURABILITY
∞ HIGH RESISTANCE
MECHANICAL PROPERTIES
∞ RIGIDITY

RULER METHOD

RT ∞ METHODOLOGY

RULES

GS **RULES**
. FLIGHT RULES
. . INSTRUMENT FLIGHT RULES
. . VISUAL FLIGHT RULES
. . PALMGREN-MINER RULE
. . PHASE RULE
. . SELECTION RULES (NUCLEAR PHYSICS)
. . SUM RULES
. . WHITHAM RULE
RT LAWS
PATENT POLICY
POLICIES
PROCUREMENT POLICY
REGULATIONS
SEA LAW

RUMANIA

USE ROMANIA

RUN TIME (COMPUTERS)

RT COMPUTER PROGRAMMING
COMPUTERS
TIME SHARING

RUNGE-KUTTA METHOD

GS ANALYSIS (MATHEMATICS)
. NUMERICAL ANALYSIS
. . NUMERICAL INTEGRATION
. . . **RUNGE-KUTTA METHOD**
. . REAL VARIABLES
. . MEASURE AND INTEGRATION
. . . NUMERICAL INTEGRATION
. . . . **RUNGE-KUTTA METHOD**
RT ∞ METHODOLOGY

RUNNING

RT ∞ OPERATIONS
PHYSICAL EXERCISE

RUNOFFS

USE DRAINAGE

RUNWAY ALIGNMENT

SN (ALIGNMENT WITH RUNWAYS--NOT
ALIGNMENT OF RUNWAYS)
RT AIRCRAFT LANDING
TAKEOFF RUNS

RUNWAY CONDITIONS

GS CONDITIONS
. **RUNWAY CONDITIONS**

RUNWAY CONDITIONS--(cont.)

RT AVIATION METEOROLOGY
ICE
RUNWAYS
SLUSH
SURFACE ROUGHNESS
WATER
WEATHER

RUNWAY LIGHTS

GS LANDING AIDS
. AIRPORT LIGHTS
. . **RUNWAY LIGHTS**
LIGHTING EQUIPMENT
. LUMINAIRES
. . AIRPORT LIGHTS
. . . **RUNWAY LIGHTS**
RT APPROACH CONTROL
∞ FLARES
∞ MARKERS
RUNWAYS
SEARCHLIGHTS
VISUAL CONTROL

RUNWAYS

RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
LANDING
LANDING AIDS
LANDING MATS
LANDING SITES
PAVEMENTS
RUNWAY CONDITIONS
RUNWAY LIGHTS
∞ STRIP
TAKEOFF
TAXIING

RUPTURING

RT ∞ BLISTERS
BURSTS
CRACKING (FRACTURING)
DISRUPTING
FAILURE
FRACTURE MECHANICS
METAL FATIGUE
SELF SEALING
STRUCTURAL STRAIN
TEARING

RURAL AREAS

RT AGRICULTURE
FARMLANDS
GRASSLANDS
LAND
MEGALOPOLISES
RANGELANDS
REGIONAL PLANNING
RESIDENTIAL AREAS
SUBURBAN AREAS
WILDERNESS

RURAL LAND USE

GS LAND USE
. **RURAL LAND USE**
RT AGRICULTURE
CONSERVATION
∞ DEVELOPMENT
EARTH RESOURCES
FARMLANDS
GRASSLANDS
GRAZING
GREAT PLAINS CORRIDOR (NORTH AMERICA)
LAND
LAND MANAGEMENT
ORCHARDS
RANGELANDS
REGIONAL PLANNING
SITES

RUSSIA

USE RUSSIAN FEDERATION

RUSSIAN FEDERATION

UF RUSSIA
GS NATIONS
. **RUSSIAN FEDERATION**
RT ASIA
EUROPE

RUST FUNGI

UF RUSTS (BOTANY)
GS PLANTS (BOTANY)
. FUNGI

RUST FUNGI--(cont.)

. . **RUST FUNGI**
RT BLIGHT
∞ MOLD
PARASITIC DISEASES
PLANT DISEASES

RUSTING

GS CHEMICAL REACTIONS
. OXIDATION
. . **RUSTING**
CORROSION
. **RUSTING**
RT ATMOSPHERIC EFFECTS
CHEMICAL ATTACK
COATINGS
CORROSION RESISTANCE
DEGRADATION
DESENSITIZING
DETERIORATION
HOT CORROSION
METAL-WATER REACTIONS
OXIDATION RESISTANCE
PASSIVITY
SCALE (CORROSION)
WEATHERING

RUSTS (BOTANY)

USE RUST FUNGI

RUTHENIUM

GS CHEMICAL ELEMENTS
. **RUTHENIUM**
. . RUTHENIUM ISOTOPES
METALS
. NOBLE METALS
. . **RUTHENIUM**
. . . RUTHENIUM ISOTOPES
. . . TRANSITION METALS
. . **RUTHENIUM**
. . . RUTHENIUM ISOTOPES

RUTHENIUM ALLOYS

GS ALLOYS
. **RUTHENIUM ALLOYS**

RUTHENIUM COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS
TRANSITION METALS

RUTHENIUM ISOTOPES

UF RUTHENIUM 106
GS CHEMICAL ELEMENTS
. NUCLIDES
. . ISOTOPES
. . . **RUTHENIUM ISOTOPES**
. . RUTHENIUM
. . . **RUTHENIUM ISOTOPES**
METALS
. NOBLE METALS
. . RUTHENIUM
. . . **RUTHENIUM ISOTOPES**
. . . TRANSITION METALS
. . RUTHENIUM
. . . **RUTHENIUM ISOTOPES**

RUTHENIUM 106

USE RUTHENIUM ISOTOPES

RUTILE

GS CHALCOGENIDES
. OXIDES
. . METAL OXIDES
. . . TITANIUM OXIDES
. . . . **RUTILE**
TITANIUM COMPOUNDS
. TITANIUM OXIDES
. . **RUTILE**
RT ANATASE
COESITE
CROSS RELAXATION
MINERALS
PIGMENTS
STISHOVITE

RWANDA

UF RUANDA-URUNDI
GS NATIONS
. **RWANDA**
RT AFRICA
BURUNDI

RYAN AIRCRAFT

UF RYAN MILITARY AIRCRAFT
GS **RYAN AIRCRAFT**
 . FIREBEE 2 TARGET DRONE AIRCRAFT
 . X-13 AIRCRAFT
 . XC-142 AIRCRAFT
 . XV-5 AIRCRAFT
 . XV-8A AIRCRAFT
RT ∞AIRCRAFT

RYAN MILITARY AIRCRAFT

USE RYAN AIRCRAFT

RYDBERG SERIES

GS SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . LINE SPECTRA
 . **RYDBERG SERIES**
RT ABSORPTION SPECTRA
 . ATOMIC SPECTRA
 . ELECTRON TRANSITIONS
 . EMISSION SPECTRA
 . H LINES
 . HYDROGEN

R5D AIRCRAFT

USE C-54 AIRCRAFT

R7V AIRCRAFT

USE C-121 AIRCRAFT
 EC-121 AIRCRAFT

S

S BAND

USE SUPERHIGH FREQUENCIES
 ULTRAHIGH FREQUENCIES

S CURVES

GS GEOMETRY
 . CURVES (GEOMETRY)
 . **S CURVES**
 . GOMPERTZ CURVES
 . EUCLIDEAN GEOMETRY
 . ANALYTIC GEOMETRY
 . **S CURVES**
 . GOMPERTZ CURVES

S GLASS

GS GLASS
 . E GLASS
 . **S GLASS**
RT COMPOSITE MATERIALS
 GLASS FIBER REINFORCED PLASTICS
 GLASS FIBERS
 SILICON DIOXIDE

S MATRIX THEORY

UF SCATTERING MATRIX
RT OPERATORS (MATHEMATICS)
 SCATTERING CROSS SECTIONS
 ∞THEORIES

S STARS

GS CELESTIAL BODIES
 . STARS
 . LATE STARS
 . COOL STARS
 . **S STARS**
RT ASYMPTOTIC GIANT BRANCH STARS
 GIANT STARS
 M STARS
 MIRA VARIABLES
 RED GIANT STARS

S WAVES

UF SECONDARY WAVES
 SHEAR DISTURBANCES
 SHEAR WAVES
GS ELASTIC WAVES
 . **S WAVES**
 . SH WAVES
RT CRUSTAL FRACTURES
 DILATATIONAL WAVES
 P WAVES
 POLARIZED ELASTIC WAVES
 RAYLEIGH WAVES
 SEISMIC WAVES
 SURFACE WAVES
 TRANSVERSE WAVES

S-A-W DEVICES

USE SURFACE ACOUSTIC WAVE DEVICES

S-N DIAGRAMS

UF FATIGUE DIAGRAMS
GS DIAGRAMS
 . **S-N DIAGRAMS**
RT BENDING FATIGUE
 CYCLIC LOADS
 FATIGUE (MATERIALS)
 FATIGUE LIFE
 FATIGUE TESTS
 METAL FATIGUE
 STRESS ANALYSIS
 STRESS CYCLES
 STRESS MEASUREMENT
 STRESS RATIO

S-2 AIRCRAFT

UF SNOW AERIAL APPLICATOR AIRCRAFT
 S-2B
 SNOW S-2 AIRCRAFT
 US-2A AIRCRAFT
GS MONOPLANES
 . **S-2 AIRCRAFT**
 SNOW AIRCRAFT
 . **S-2 AIRCRAFT**
 UTILITY AIRCRAFT
 . **S-2 AIRCRAFT**
RT ∞AIRCRAFT

S-3 AIRCRAFT

GS ANTISUBMARINE WARFARE AIRCRAFT
 . **S-3 AIRCRAFT**
RT ∞AIRCRAFT
 ∞MILITARY AIRCRAFT

S-3 SATELLITE

USE EXPLORER 12 SATELLITE

S-6 SATELLITE

USE EXPLORER 17 SATELLITE

S-16 SATELLITE

USE OSO-1

S-17 SATELLITE

USE OSO-2

S-18 SATELLITE

USE OAO

S-27 SATELLITE

USE ALOUETTE 1 SATELLITE

S-49 SATELLITE

USE OGO-A

S-50 SATELLITE

USE OGO-C

S-51 SATELLITE

USE ARIEL 1 SATELLITE

S-52 SATELLITE

USE ARIEL 2 SATELLITE

S-57 SATELLITE

USE OSO-C

S-58 HELICOPTER

UF SIKORSKY S-58 HELICOPTER
GS SIKORSKY AIRCRAFT
 . **S-58 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **S-58 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **S-58 HELICOPTER**
RT CH-34 HELICOPTER
 UH-34 HELICOPTER

S-61 HELICOPTER

UF SIKORSKY S-61 HELICOPTER
GS SIKORSKY AIRCRAFT
 . **S-61 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **S-61 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS

S-61 HELICOPTER--(cont.)

... MILITARY HELICOPTERS
 . **S-61 HELICOPTER**
RT ∞AIRCRAFT
 ANTISUBMARINE WARFARE AIRCRAFT
 CH-3 HELICOPTER
 SH-3 HELICOPTER
 SH-4 HELICOPTER
 WATER TAKEOFF AND LANDING
 AIRCRAFT

S-64 HELICOPTER

USE CH-54 HELICOPTER

S-66 SATELLITE

USE BEACON EXPLORER A

S-67 HELICOPTER

UF SIKORSKY S-67 HELICOPTER
GS SIKORSKY AIRCRAFT
 . **S-67 HELICOPTER**
RT ∞AIRCRAFT

S-74 SATELLITE

USE EXPLORER 18 SATELLITE

SA-321 HELICOPTER

UF SUD AVIATION SA-321 HELICOPTER
GS SUD AVIATION AIRCRAFT
 . **SA-321 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . MILITARY HELICOPTERS
 . **SA-321 HELICOPTER**
RT ∞AIRCRAFT

SA-330 HELICOPTER

UF SUD AVIATION SA-330 HELICOPTER
GS SUD AVIATION AIRCRAFT
 . ALOUETTE HELICOPTERS
 . **SA-330 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **SA-330 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . HELICOPTERS
 . ALOUETTE HELICOPTERS
 . **SA-330 HELICOPTER**
 . MILITARY HELICOPTERS
 . **SA-330 HELICOPTER**
RT ∞AIRCRAFT

SAAB AIRCRAFT

GS **SAAB AIRCRAFT**
 . SAAB 37 AIRCRAFT
 . SAAB 105 AIRCRAFT
RT ∞AIRCRAFT

SAAB 37 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **SAAB 37 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **SAAB 37 AIRCRAFT**
 SAAB AIRCRAFT
 . **SAAB 37 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **SAAB 37 AIRCRAFT**
RT ∞AIRCRAFT
 CANARD CONFIGURATIONS
 HARRIER AIRCRAFT

SAAB 105 AIRCRAFT

GS JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **SAAB 105 AIRCRAFT**
 LIGHT AIRCRAFT
 . **SAAB 105 AIRCRAFT**
 MONOPLANES
 . **SAAB 105 AIRCRAFT**
 SAAB AIRCRAFT
 . **SAAB 105 AIRCRAFT**
 UTILITY AIRCRAFT
 . **SAAB 105 AIRCRAFT**
RT ∞AIRCRAFT
 PASSENGER AIRCRAFT

SABATIER REACTION

GS CHEMICAL REACTIONS
 . **SABATIER REACTION**
RT PHOTOGRAPHIC FILM

SABOT PROJECTILES

- GS PROJECTILES
- . **SABOT PROJECTILES**
- RT ARTILLERY
- FRAGMENTATION
- GUN LAUNCHERS
- GUNS (ORDNANCE)

SABOTAGE

- RT ACCIDENTS
- AIR DEFENSE
- DAMAGE
- DEACTIVATION
- DISASTERS
- HAZARDS
- INJURIES
- PREVENTION
- SAFETY
- SPACE LAW
- WRECKAGE

SABRE AIRCRAFT

- USE F-86 AIRCRAFT

SABRELINER AIRCRAFT

- USE T-39 AIRCRAFT

SACCADIC EYE MOVEMENTS

- GS EYE MOVEMENTS
- . **SACCADIC EYE MOVEMENTS**
- RT FOVEA
- ∞ MOTION
- VISUAL FIELDS

SACCHARIDES

- USE CARBOHYDRATES

SACCHAROMYCES

- GS PLANTS (BOTANY)
- . FUNGI
- . . **SACCHAROMYCES**

SACRAMENTO VALLEY (CA)

- GS VALLEYS
- . **SACRAMENTO VALLEY (CA)**
- RT CALIFORNIA
- RIVER BASINS

SADDLE POINTS

- GS **SADDLE POINTS**
- . SADDLE POINTS (GAME THEORY)
- RT CURVE FITTING
- GAME THEORY
- MINIMAX TECHNIQUE

SADDLE POINTS (GAME THEORY)

- GS GAME THEORY
- . **SADDLE POINTS (GAME THEORY)**
- SADDLE POINTS
- . **SADDLE POINTS (GAME THEORY)**
- RT OPERATIONS RESEARCH
- SADDLES
- ∞ THEORIES

SADDLES

- RT SADDLE POINTS (GAME THEORY)

SADDLES (SUPPORTS)

- GS STRUCTURAL MEMBERS
- . **SADDLES (SUPPORTS)**
- SUPPORTS
- . **SADDLES (SUPPORTS)**

SAFEGUARD SYSTEM

- GS WEAPON SYSTEMS
- . MISSILE SYSTEMS
- . . **SAFEGUARD SYSTEM**
- RT ANTIMISSILE DEFENSE
- BALLISTIC MISSILES
- MILITARY TECHNOLOGY
- MISSILE DEFENSE
- SENTINEL SYSTEM
- ∞ SYSTEMS

SAFETY

- GS **SAFETY**
- . AEROSPACE SAFETY
- . AIRCRAFT SAFETY
- . FLIGHT SAFETY
- . INDUSTRIAL SAFETY
- . RANGE SAFETY
- . REACTOR SAFETY
- RT ACCIDENT PREVENTION
- ACCIDENTS

SAFETY--(cont.)

- AIR BAG RESTRAINT DEVICES
- CRASHES
- ∞ DETECTORS
- EMERGENCY LIFE SUSTAINING SYSTEMS
- ENERGY POLICY
- EXPLOSIONS
- FIRE PREVENTION
- FIREPROOFING
- FIRES
- HAZARDS
- PREVENTION
- PROTECTION
- SABOTAGE
- ∞ STORAGE
- VORTEX AVOIDANCE
- WARNING
- WARNING SYSTEMS

SAFETY DEVICES

- GS **SAFETY DEVICES**
- . ABORT APPARATUS
- . AIR BAG RESTRAINT DEVICES
- . ARRESTING GEAR
- . EJECTION SEATS
- . . FLYING EJECTION SEATS
- . ESCAPE CAPSULES
- . ESCAPE ROCKETS
- . HELMETS
- . SEAT BELTS
- RT ACCIDENT PREVENTION
- ACCIDENT PRONENESS
- ACCIDENTS
- AIRCRAFT SAFETY
- AMBULANCES
- ANTISKID DEVICES
- AUTOMOBILE ACCIDENTS
- ∞ BARRIERS
- CHEMICAL DEFENSE
- DEFLECTORS
- ∞ DEVICES
- EMERGENCY LIFE SUSTAINING SYSTEMS
- ENCLOSURES
- ∞ EQUIPMENT
- FAIL-SAFE SYSTEMS
- FIRE PREVENTION
- FLAME DEFLECTORS
- FLIGHT SAFETY
- GATES (OPENINGS)
- GUARDS (SHIELDS)
- HARNESSES
- HAZARDS
- HUMAN FACTORS ENGINEERING
- LANDING AIDS
- PRESSURE SUITS
- PROTECTION
- PROTECTIVE CLOTHING
- PROTECTORS
- RADIATION MEASURING INSTRUMENTS
- RADIATION SHIELDING
- SHIELDING
- SMOKE DETECTORS
- SPACE SUITS
- SPACECRAFT SHIELDING
- WARNING
- WARNING SYSTEMS

SAFETY FACTORS

- RT ACCIDENT PRONENESS
- AEROSPACE SAFETY
- DESIGN ANALYSIS
- ESCAPE SYSTEMS
- HAZARDS
- HEALTH PHYSICS
- RELIABILITY
- STABILITY

SAFETY MANAGEMENT

- GS MANAGEMENT
- . **SAFETY MANAGEMENT**
- RT ACCIDENT PREVENTION
- AEROSPACE SAFETY
- EDUCATION
- FAIL-SAFE SYSTEMS
- FIRE PREVENTION
- GUARDS (SHIELDS)
- HAZARDS
- HUMAN FACTORS ENGINEERING
- PRODUCTION MANAGEMENT
- WARNING SYSTEMS

SAGE AIR DEFENSE SYSTEM

- GS AIR DEFENSE

SAGE AIR DEFENSE SYSTEM--(cont.)

- . **SAGE AIR DEFENSE SYSTEM**
- RT ∞ SYSTEMS

SAGE SATELLITE

- UF STRATOSPHERIC AEROSOL & GAS EXPERIMENT
- GS ARTIFICIAL SATELLITES
- . **SAGE SATELLITE**
- RT AEROSOLS
- OZONE

SAGINAW BAY (MI)

- GS BAYS (TOPOGRAPHIC FEATURES)
- . **SAGINAW BAY (MI)**
- RT INLETS (TOPOGRAPHY)
- LAKE HURON
- MICHIGAN
- RIVER BASINS

SAGITTARIUS CONSTELLATION

- GS CONSTELLATIONS
- . **SAGITTARIUS CONSTELLATION**

SAGNAC EFFECT

- GS PHASE SHIFT
- . **SAGNAC EFFECT**
- RT ANGULAR VELOCITY
- ASTRONOMICAL INTERFEROMETRY
- ETALONS
- FIBER OPTICS
- INTERFEROMETERS
- INTERFEROMETRY
- LASER GYROSCOPES
- LASER INTERFEROMETRY
- LIGHT TRANSMISSION
- NONLINEAR OPTICS
- OPTICAL GYROSCOPES
- OPTICAL PATHS
- SPECKLE INTERFEROMETRY
- WAVE PROPAGATION

SAHA EQUATIONS

- RT ARC HEATING
- ELECTRIC ARCS
- ∞ EQUATIONS
- ION DENSITY (CONCENTRATION)
- IONIZATION POTENTIALS
- TEMPERATURE

SAHARA DESERT (AFRICA)

- GS LAND
- . DESERTS
- . . **SAHARA DESERT (AFRICA)**
- RT AFRICA
- ARID LANDS
- BARREN LAND
- DESERTIFICATION
- DUNES
- REMOTE REGIONS

SAIL PROJECT

- UF SHUTTLE AVIONICS INTEGRATION
- LABORATORY
- GS PROGRAMS
- . NASA PROGRAMS
- . . NASA SPACE PROGRAMS
- . . . **SAIL PROJECT**
- . PROJECTS
- . . **SAIL PROJECT**
- . SPACE PROGRAMS
- . . NASA SPACE PROGRAMS
- . . . **SAIL PROJECT**
- RT EARTH VIEWING APPLICATIONS
- LABORATORY
- LABORATORIES
- SPACE LABORATORIES
- SPACE SHUTTLES

SAILPLANES

- USE GLIDERS

SAILS

- GS **SAILS**
- . SAILWINGS
- . SOLAR SAILS
- RT FINS
- GLIDERS
- TAIL ASSEMBLIES

SAILWINGS

- UF PRINCETON SAILWINGS
- GS FOLDING STRUCTURES
- . **SAILWINGS**

SAILWINGS--(cont.)

SAILS
 . **SAILWINGS**
 RT GLIDERS
 HANG GLIDERS
 KA-6 SAILPLANES

SAINT ELMO FIRE

GS ELECTRIC CURRENT
 . ELECTRIC DISCHARGES
 . . **SAINT ELMO FIRE**
 RT FIRES

SAINT VENANT FLEXURE PROBLEM

USE SAINT VENANT PRINCIPLE

SAINT VENANT PRINCIPLE

UF SAINT VENANT FLEXURE PROBLEM
 ST VENANT FLEXURE PROBLEM
 RT PLASTIC DEFORMATION
 STATIC DEFORMATION
 STATIC LOADS
 STRESS ANALYSIS
 STRESS CONCENTRATION
 TEMPERATURE INVERSIONS

SALICYLATES

GS **SALICYLATES**
 . SODIUM SALICYLATES
 RT ACETYSALICYLIC ACID
 DRUGS
 ESTERS

SALINITY

GS CHEMICAL PROPERTIES
 . **SALINITY**
 RT ALKALINITY
 BRINES
 CORE SAMPLING
 DESALINIZATION
 OCEAN CURRENTS
 OCEANOGRAPHIC PARAMETERS
 SEA WATER

SALIVA

GS BODY FLUIDS
 . **SALIVA**
 RT DIGESTIVE SYSTEM
 MUCUS
 SALIVARY GLANDS

SALIVARY GLANDS

UF PAROTID GLAND
 GS ANATOMY
 . DIGESTIVE SYSTEM
 . . **SALIVARY GLANDS**
 . GLANDS (ANATOMY)
 . . **SALIVARY GLANDS**
 RT MOUTH
 SALIVA

SALMONELLA

GS MICROORGANISMS
 . BACTERIA
 . . **SALMONELLA**

SALT BATHS

GS BATHS
 . **SALT BATHS**
 RT BRINES
 HEAT TREATMENT
 MOLTEN SALTS

SALT BEDS

GS LANDFORMS
 . BEDS (GEOLOGY)
 . . **SALT BEDS**
 RT BRINES
 BROMIDES
 CHLORIDES
 FLATS (LANDFORMS)
 SODIUM CHLORIDES

SALT FLATS

USE FLATS (LANDFORMS)

SALT SPRAY TESTS

GS CHEMICAL TESTS
 . **SALT SPRAY TESTS**
 ENVIRONMENTAL TESTS
 . CORROSION TESTS
 . . **SALT SPRAY TESTS**
 RT CORROSION
 CORROSION RESISTANCE

SALT SPRAY TESTS--(cont.)

SPRAY INGESTION
 STRESS CORROSION
 ∞ TESTS

SALTON SEA (CA)

GS SEAS
 . **SALTON SEA (CA)**
 RT CALIFORNIA
 DESERTS

∞ SALTS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT HALITES
 INORGANIC COMPOUNDS
 MOLTEN SALTS
 ORGANIC CHARGE TRANSFER SALTS
 ORGANIC COMPOUNDS
 SODIUM CHLORIDES
 SULFONATES

SALYUT SPACE STATION

GS ARTIFICIAL SATELLITES
 . SPACE STATIONS
 . . **SALYUT SPACE STATION**
 MANNED SPACECRAFT
 . **SALYUT SPACE STATION**
 SOVIET SPACECRAFT
 . **SALYUT SPACE STATION**
 STATIONS
 . SPACE STATIONS
 . . **SALYUT SPACE STATION**
 RT SOYUZ SPACECRAFT
 SPACE BASES
 SPACE LABORATORIES
 SPACECRAFT DOCKING
 U.S.S.R. SPACE PROGRAM

SAMARITAN AIRCRAFT

USE C-131 AIRCRAFT

SAMARIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . . **SAMARIUM**
 . . . SAMARIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . . **SAMARIUM**
 . . . SAMARIUM ISOTOPES

SAMARIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . **SAMARIUM COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

SAMARIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . . **SAMARIUM**
 . . . **SAMARIUM ISOTOPES**
 METALS
 . RARE EARTH ELEMENTS
 . . **SAMARIUM**
 . . . **SAMARIUM ISOTOPES**

SAMOA

GS LANDFORMS
 . ISLANDS
 . . PACIFIC ISLANDS
 . . . **SAMOA**

SAMOS

UF SATELLITE AND MISSILE OBSERVATION
 SYSTEM
 GS ARTIFICIAL SATELLITES
 . **SAMOS**
 MILITARY SPACECRAFT
 . RECONNAISSANCE SPACECRAFT
 . . **SAMOS**
 RT SATELLITE TRACKING

SAMPLED DATA SYSTEMS

RT ADAPTIVE CONTROL
 AUTOMATIC CONTROL
 CONTROL STABILITY
 CONTROL THEORY
 DATA SAMPLING
 FEEDBACK CONTROL

SAMPLERS

UF BOMBS (SAMPLERS)
 SAMPLING DEVICES
 RT ∞ BOMBS
 CORE SAMPLING
 SAMPLES
 SAMPLING
 SELECTORS
 ∞ TEST EQUIPMENT

SAMPLES

GS **SAMPLES**
 . MARS SURFACE SAMPLES
 ACCEPTABILITY
 RT MARS SAMPLE RETURN MISSIONS
 SAMPLERS
 SAMPLING
 SPECIMENS

SAMPLING

GS **SAMPLING**
 . AIR SAMPLING
 . CORE SAMPLING
 . DATA SAMPLING
 . PARTICULATE SAMPLING
 . RANDOM SAMPLING
 RT ALLOWANCES
 ASSAYING
 BAYES THEOREM
 CENSORED DATA (MATHEMATICS)
 CHEMICAL ANALYSIS
 CHEMICAL TESTS
 COLLECTION
 CONCENTRATION (COMPOSITION)
 CONFIDENCE LIMITS
 COUNTING
 ESTIMATING
 EXPLORATION
 GLOBAL AIR SAMPLING PROGRAM
 HETEROGENEITY
 HOMOGENEITY
 INSPECTION
 INVESTIGATION
 PROBABILITY THEORY
 PROCESS CONTROL (INDUSTRY)
 QUALITY CONTROL
 RANDOM ERRORS
 RELIABILITY
 SAMPLERS
 SAMPLES
 SELECTION
 SEQUENTIAL ANALYSIS
 SPECIMENS
 STANDARDS
 STATISTICAL ANALYSIS
 ∞ STATISTICS
 SWEPT CIRCUITS
 ∞ TESTS
 VARIABILITY
 WEIBULL DENSITY FUNCTIONS

SAMPLING DEVICES

USE SAMPLERS

SAN ANDREAS FAULT

GS GEOLOGICAL FAULTS
 . **SAN ANDREAS FAULT**
 RT CALIFORNIA
 CRUSTAL FRACTURES
 EARTH CRUST
 EARTHQUAKES
 MEXICO

SAN ANDREAS FAULT EXPERIMENT

RT EARTHQUAKES
 GEOLOGICAL FAULTS

SAN FRANCISCO (CA)

GS CITIES
 . **SAN FRANCISCO (CA)**
 RT CALIFORNIA

SAN FRANCISCO BAY (CA)

GS BAYS (TOPOGRAPHIC FEATURES)
 . **SAN FRANCISCO BAY (CA)**
 RT CALIFORNIA
 PACIFIC OCEAN
 SAN PABLO BAY (CA)

SAN JOAQUIN VALLEY (CA)

GS VALLEYS
 . **SAN JOAQUIN VALLEY (CA)**
 RT CALIFORNIA
 RIVER BASINS

SAN JUAN MOUNTAINS (CO)

GS LANDFORMS
 . MOUNTAINS
 . . **SAN JUAN MOUNTAINS (CO)**
 RT COLORADO

SAN MARCO SATELLITES

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . **SAN MARCO SATELLITES**
 . . . SAN MARCO 1 SATELLITE
 . . . SAN MARCO 2 SATELLITE
 . . . SAN MARCO 3 SATELLITE
 RT SCOUT LAUNCH VEHICLE

SAN MARCO 1 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . SAN MARCO SATELLITES
 . . . **SAN MARCO 1 SATELLITE**

SAN MARCO 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . SAN MARCO SATELLITES
 . . . **SAN MARCO 2 SATELLITE**

SAN MARCO 3 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . . SAN MARCO SATELLITES
 . . . **SAN MARCO 3 SATELLITE**

SAN MARINO

GS NATIONS
 . **SAN MARINO**
 RT EUROPE
 ITALY

SAN PABLO BAY (CA)

GS BAYS (TOPOGRAPHIC FEATURES)
 . **SAN PABLO BAY (CA)**
 RT CALIFORNIA
 SAN FRANCISCO BAY (CA)

SAND CASTING

GS FORMING TECHNIQUES
 . CASTING
 . . **SAND CASTING**
 RT MOLDING MATERIALS
 SANDS

SAND DUNES

USE DUNES

SAND HILLS REGION (GA-NC-SC)

GS REGIONS
 . **SAND HILLS REGION (GA-NC-SC)**
 RT GEORGIA
 NORTH CAROLINA
 SOUTH CAROLINA

SAND HILLS REGION (NE)

GS REGIONS
 . **SAND HILLS REGION (NE)**
 RT NEBRASKA

SANDPIPER TARGET MISSILE

GS MISSILE CONFIGURATIONS
 . **SANDPIPER TARGET MISSILE**
 MISSILES
 . **SANDPIPER TARGET MISSILE**
 RT DRONE VEHICLES
 TARGETS

SANDS

GS SEDIMENTS
 . **SANDS**
 . . MONAZITE SANDS
 . . TAR SANDS
 SOILS
 . **SANDS**
 . . MONAZITE SANDS
 . . TAR SANDS
 RT AGGREGATES
 ALLUVIUM
 AQUIFERS
 DELTAS
 DUNES
 DUST
 EARTH RESOURCES
 FANS (LANDFORMS)
 GRAVELS
 GRIT

SANDS--(cont.)

ILMENITE
 LITTORAL DRIFT
 LITTORAL TRANSPORT
 MOLDING MATERIALS
 POROUS MATERIALS
 QUARTZ
 RAIN EROSION
 REEFS
 SAND CASTING
 SANDSTONES
 SEDIMENTARY ROCKS
 SILICA GLASS
 SILICON DIOXIDE

SANDSTONES

GS ROCKS
 . SEDIMENTARY ROCKS
 . . **SANDSTONES**
 RT EARTH RESOURCES
 SANDS
 SCHIST
 SOILS

SANDWICH CONSTRUCTION

USE SANDWICH STRUCTURES

SANDWICH STRUCTURES

UF SANDWICH CONSTRUCTION
 RT COMPOSITE MATERIALS
 EPOXY MATRIX COMPOSITES
 HONEYCOMB CORES
 HONEYCOMB STRUCTURES
 INTERLAYERS
 LAMINATES
 MULTILAYER INSULATION
 PLY ORIENTATION
 RIGID STRUCTURES
 ∞ STRUCTURES
 WALLS

SANITATION

RT CONSUMABLES (SPACECREW SUPPLIES)
 HEALTH
 HOUSEKEEPING (SPACECRAFT)
 HYGIENE
 POTABLE WATER
 PUBLIC HEALTH
 SEWERS
 TOILETS
 WARNING SYSTEMS
 WASTE DISPOSAL

SANTOWAX (TRADEMARK)

RT POLYSTYRENE

SAPPHIRE

GS ALUMINUM COMPOUNDS
 . ALUMINUM OXIDES
 . . **SAPPHIRE**
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . ALUMINUM OXIDES
 . . . **SAPPHIRE**

SAPROPHYTES

GS PLANTS (BOTANY)
 . **SAPROPHYTES**
 RT BACTERIA
 MICROORGANISMS

SARCINA

GS MICROORGANISMS
 . BACTERIA
 . . **SARCINA**

SARCOMA

USE CANCER

SARCOPLASMIC RETICULUM

GS ORGANELLES
 . ENDOPLASMIC RETICULUM
 . . **SARCOPLASMIC RETICULUM**
 RT CELLS (BIOLOGY)
 CYTOLOGY
 CYTOPLASM

SARGASSO SEA

RT ATLANTIC OCEAN
 GULF STREAM
 OCEAN MODELS
 OCEAN SURFACE
 OCEANOGRAPHY

SARGASSO SEA--(cont.)

SEAS

SARSAT

UF SEARCH AND RESCUE SATELLITE
 GS ARTIFICIAL SATELLITES
 . **SARSAT**
 RT COSPAS
 NOAA 8 SATELLITE
 RECONNAISSANCE
 RESCUE OPERATIONS
 SEARCHING

SAS

UF SMALL ASTRONOMY SATELLITES
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **SAS**
 EXPLORER 53 SATELLITE
 SAS-1
 SAS-2
 SAS-3
 RT EXPLORER 48 SATELLITE
 UHURU SATELLITE

SAS-D

USE IUE

SAS-1

UF SMALL ASTRONOMY SATELLITE 1
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **SAS**
 **SAS-1**
 RT RADIO ASTRONOMY

SAS-2

UF SMALL ASTRONOMY SATELLITE 2
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **SAS**
 **SAS-2**
 RT EXPLORER 48 SATELLITE
 RADIO ASTRONOMY
 SPACEBORNE ASTRONOMY

SAS-3

UF SMALL ASTRONOMY SATELLITE 3
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **SAS**
 **SAS-3**
 RT EXPLORER 53 SATELLITE
 RADIO ASTRONOMY
 SPACEBORNE ASTRONOMY
 X RAY ASTRONOMY

SASKATCHEWAN

GS NATIONS
 . CANADA
 . . **SASKATCHEWAN**

SATAN (SENSOR)

USE TERRAIN ANALYSIS

SATELLITE ALTIMETRY

GS ALTIMETRY
 . **SATELLITE ALTIMETRY**
 RT ALTIMETERS
 GEODESY
 GEODETIC SATELLITES
 GEODES
 GEOS 3 SATELLITE
 GEOSAT SATELLITES
 RADAR MEASUREMENT
 SATELLITE OBSERVATION
 SATELLITE-BORNE RADAR
 SEASAT SATELLITES
 TOPOGRAPHY

SATELLITE AND MISSILE OBSERVATION SYSTEM

USE SAMOS

SATELLITE ANTENNAS

GS ANTENNAS
 . **SATELLITE ANTENNAS**
 RT FURLEABLE ANTENNAS
 MULTIBEAM ANTENNAS
 RADIO ANTENNAS
 TELECOMMUNICATION

SATELLITE ATMOSPHERES

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . **SATELLITE ATMOSPHERES**
 . . . LUNAR ATMOSPHERE
 RT ∞ ATMOSPHERES
 ATMOSPHERIC CHEMISTRY
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC PHYSICS
 EARTH ATMOSPHERE
 EARTH IONOSPHERE
 EARTH MAGNETOSPHERE
 IONOSPHERIC COMPOSITION
 MAGNETOPAUSE
 NATURAL SATELLITES
 PLANETARY ATMOSPHERES
 STELLAR ATMOSPHERES
 TITAN
 TRITON
 UPPER ATMOSPHERE

SATELLITE ATTITUDE CONTROL

GS ATTITUDE CONTROL
 . **SATELLITE ATTITUDE CONTROL**
 SPACECRAFT CONTROL
 . SATELLITE CONTROL
 . . **SATELLITE ATTITUDE CONTROL**
 RT ATTITUDE STABILITY
 AUTOMATIC CONTROL
 ∞ CONTROL
 DIRECTIONAL CONTROL
 GRAVITY GRADIENT SATELLITES
 JET CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MARQUARDT R4D ENGINE
 THREE AXIS STABILIZATION
 TRANSIT ATTITUDE CONTROL
 SATELLITE

SATELLITE ATTITUDE DISTURBANCE

USE ATTITUDE STABILITY
 SPACECRAFT STABILITY

SATELLITE BREAKUP

USE SPACECRAFT BREAKUP

SATELLITE CAPTURE

USE SPACECRAFT RECOVERY

SATELLITE COMMUNICATION

GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . SPACECRAFT COMMUNICATION
 . . . **SATELLITE COMMUNICATION**
 RT ACTS
 ARPA COMPUTER NETWORK
 ASTRIONICS
 CIRCUMLUNAR COMMUNICATION
 COMMUNICATION SATELLITES
 EARTH TERMINALS
 FACSIMILE COMMUNICATION
 GROUND-AIR-GROUND COMMUNICATION
 HOOP COLUMN ANTENNAS
 INTERPLANETARY COMMUNICATION
 LUNAR COMMUNICATION
 MULTIBEAM ANTENNAS
 OPTICAL COMMUNICATION
 PACKET TRANSMISSION
 PLASMA ANTENNAS
 RADIO COMMUNICATION
 SATELLITE COMMUNICATIONS SHIPS
 SATELLITE GROUND SUPPORT
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 TRANSMISSION RATE
 (COMMUNICATIONS)
 UNIFIED S BAND

SATELLITE COMMUNICATIONS SHIPS

UF USNS KINGSPORT
 GS SURFACE VEHICLES
 . **SATELLITE COMMUNICATIONS SHIPS**
 WATER VEHICLES
 . SHIPS
 . . **SATELLITE COMMUNICATIONS SHIPS**
 RT SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION

SATELLITE CONFIGURATIONS

GS SPACECRAFT CONFIGURATIONS
 . **SATELLITE CONFIGURATIONS**
 RT AERODYNAMIC CONFIGURATIONS

SATELLITE CONTROL

GS SPACECRAFT CONTROL
 . **SATELLITE CONTROL**
 . . SATELLITE ATTITUDE CONTROL
 RT ATTITUDE CONTROL
 AUTOMATIC CONTROL
 ∞ CONTROL
 DIRECTIONAL CONTROL
 FLEXIBLE SPACECRAFT
 GRAVITY GRADIENT SATELLITES
 JET CONTROL
 LATERAL CONTROL
 LONGITUDINAL CONTROL
 MANUAL CONTROL
 REMOTE CONTROL
 THRUST CONTROL

SATELLITE DEFENSE

USE SPACECRAFT DEFENSE

SATELLITE DESIGN

GS SPACECRAFT DESIGN
 . **SATELLITE DESIGN**
 RT COMPUTER AIDED DESIGN
 ∞ DESIGN
 INDIAN SPACE PROGRAM
 JAPANESE SPACE PROGRAM
 PRODUCT DEVELOPMENT
 SPACECRAFT STRUCTURES
 STRUCTURAL DESIGN
 SYSTEMS ENGINEERING

SATELLITE DOPPLER POSITIONING

RT ARGOS SYSTEM
 DOPPLER EFFECT
 DOPPLER NAVIGATION
 DOPPLER RADAR
 GEODESY
 GEODETIC ACCURACY
 GEODETIC COORDINATES
 GEODETIC SATELLITES
 GEODETIC SURVEYS
 POLYSTATION DOPPLER TRACKING
 SYSTEM
 POSITIONING
 SATELLITE TRACKING
 TRACKING (POSITION)

SATELLITE DRAG

GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . **SATELLITE DRAG**
 RT AERODYNAMIC DRAG
 ELECTROSTATIC DRAG
 FRICTION DRAG

SATELLITE FRAGMENTATION

USE SPACECRAFT BREAKUP

SATELLITE GROUND SUPPORT

RT GROUND SUPPORT EQUIPMENT
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION

SATELLITE GROUND TRACKS

GS GROUND TRACKS
 . **SATELLITE GROUND TRACKS**
 RT FLIGHT PATHS
 ORBITS

SATELLITE GUIDANCE

GS GUIDANCE (MOTION)
 . SPACECRAFT GUIDANCE
 . . **SATELLITE GUIDANCE**
 RT AUTOMATIC CONTROL
 INERTIAL GUIDANCE
 INJECTION GUIDANCE
 LOCATES SYSTEM
 MANUAL CONTROL
 REENTRY GUIDANCE
 RENDEZVOUS GUIDANCE
 SPACE NAVIGATION

SATELLITE IMAGERY

GS IMAGERY
 . **SATELLITE IMAGERY**
 RT ATMOSPHERIC CORRECTION
 COASTAL ZONE COLOR SCANNER
 IMAGE ANALYSIS
 IMAGING TECHNIQUES
 PIXELS
 SATELLITE OBSERVATION
 SATELLITE-BORNE PHOTOGRAPHY
 VEGETATIVE INDEX

SATELLITE INSTRUMENTS

GS SPACECRAFT INSTRUMENTS
 . **SATELLITE INSTRUMENTS**
 . . MULTISPECTRAL LINEAR ARRAYS
 RT FLIGHT INSTRUMENTS
 ∞ INSTRUMENTS
 LASER ALTIMETERS
 MEASURING INSTRUMENTS
 NEEDS (DATA SYSTEM)
 WILDLIFE RADIOLOCATION

SATELLITE INTERCEPTORS

RT ∞ INTERCEPTORS
 PURSUIT TRACKING

SATELLITE LAUNCHING

USE SPACECRAFT LAUNCHING

SATELLITE LIFETIME

GS LIFE (DURABILITY)
 . **SATELLITE LIFETIME**
 RT ORBIT DECAY
 SPACECRAFT REENTRY

SATELLITE MANEUVERS

USE SPACECRAFT MANEUVERS

SATELLITE NAVIGATION SYSTEMS

GS **SATELLITE NAVIGATION SYSTEMS**
 TRANSIT NAVIGATION SYSTEM
 RT AUTONOMOUS NAVIGATION
 GLOBAL POSITIONING SYSTEM
 NAVIGATION SATELLITES
 RADAR NAVIGATION
 RADIO NAVIGATION
 SPACE NAVIGATION
 ∞ SYSTEMS

SATELLITE NETWORKS

SN (NETWORKS INCORPORATING
 SATELLITES)
 GS **SATELLITE NETWORKS**
 . ARGOS SYSTEM
 . VSAT (NETWORK)
 RT AERONAUTICAL SATELLITES
 AEROSAT SATELLITES
 CODE DIVISION MULTIPLE ACCESS
 COMMUNICATION NETWORKS
 COMMUNICATION SATELLITES
 COMSTAR SATELLITES
 DEMAND ASSIGNMENT MULTIPLE
 ACCESS
 DOMESTIC SATELLITE COMMUNICATIONS
 SYSTEMS
 HET EXPERIMENT
 L-SAT
 MARECS MARITIME SATELLITES
 MILITARY SPACECRAFT
 MOLNIYA SATELLITES
 MULTIMISSION MODULAR SPACECRAFT
 NAVIGATION SATELLITES
 NAVSTAR SATELLITES
 NETWORK CONTROL
 ∞ NETWORKS
 SKYNET SATELLITES
 TDR SATELLITES
 TELECONFERENCING
 TIME DIVISION MULTIPLE ACCESS

SATELLITE OBSERVATION

GS OBSERVATION
 . EARTH OBSERVATIONS (FROM SPACE)
 . . **SATELLITE OBSERVATION**
 RT ARC CLOUDS
 EARTH RESOURCES PROGRAM
 EROS (SATELLITES)
 ESSA SATELLITES
 FIRE (CLIMATOLOGY)
 IRIS SATELLITES
 ISCCP PROJECT
 LANDSAT SATELLITES
 METEOROLOGICAL SATELLITES
 METEOSAT SATELLITE
 NIMBUS PROJECT
 NIMBUS SATELLITES
 SATELLITE ALTIMETRY
 SATELLITE IMAGERY
 SIRS B SATELLITE
 SPACEBORNE PHOTOGRAPHY
 SWATH WIDTH
 SYNCHRONOUS EARTH OBSERVATORY
 SATELLITE
 TIROS OPERATIONAL SATELLITE
 SYSTEM
 TIROS SATELLITES

SATELLITE OBSERVATION--(cont.)

TOPEX
UHURU SATELLITE
VEGETATIVE INDEX
VELA SATELLITES
WILDLIFE RADIOLOCATION

SATELLITE ORBIT CALCULATION

USE ORBIT CALCULATION

SATELLITE ORBITS

SN (LIMITED TO ORBITS OF ARTIFICIAL SATELLITES)
GS ORBITS
 . SPACECRAFT ORBITS
 . . . **SATELLITE ORBITS**
 . . . GEOSYNCHRONOUS ORBITS
 . . . PARKING ORBITS
 . . . POLAR ORBITS
 . . . STATIONARY ORBITS
 . . . TWENTY-FOUR HOUR ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LISSAJOUS FIGURES
LUNAR ORBITS
ORBIT INSERTION
ORBIT SPECTRUM UTILIZATION
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
ORBITAL RESONANCES (CELESTIAL MECHANICS)
PLANETARY ORBITS
TRANSFER ORBITS

SATELLITE ORIENTATION

GS ATTITUDE (INCLINATION)
 . **SATELLITE ORIENTATION**
RT FLEXIBLE SPACECRAFT
IMAGE DISSECTOR TUBES
SPIN STABILIZATION
THREE AXIS STABILIZATION

SATELLITE PERTURBATION

GS PERTURBATION
 . ORBIT PERTURBATION
 . . . **SATELLITE PERTURBATION**
RT DISCOS (SATELLITE ATTITUDE CONTROL)
GRAVITATIONAL FIELDS
ORBITAL MECHANICS
SCHACH EFFECT
SPACECRAFT STABILITY
TESSERAL HARMONICS

SATELLITE POWER TRANSMISSION

GS POWER BEAMING
 . **SATELLITE POWER TRANSMISSION**
RT LASER POWER BEAMING
MICROWAVE POWER BEAMING
RECTENNAS
SOLAR ARRAYS
SOLAR CELLS
SOLAR POWER SATELLITES

SATELLITE RENDEZVOUS

USE ORBITAL RENDEZVOUS

SATELLITE REPAIR

USE ORBITAL SERVICING

SATELLITE ROTATION

GS GYRATION
 . ROTATION
 . . . **SATELLITE ROTATION**
RT FLEXIBLE SPACECRAFT
SPIN REDUCTION
SPIN STABILIZATION
TUMBLING MOTION
YO-YO DEVICES

SATELLITE SOLAR ENERGY CONVERSION

GS ENERGY CONVERSION
 . **SATELLITE SOLAR ENERGY CONVERSION**
RT ∞ CONVERSION
MICROWAVE TRANSMISSION
MICROWAVES
POWER CONDITIONING
SOLAR CELLS
SUN

SATELLITE SOLAR POWER STATIONS

RT ENERGY CONVERSION
MICROWAVE TRANSMISSION
MICROWAVES
POWER CONDITIONING
SOLAR CELLS
SUN

SATELLITE SOUNDING

GS SOUNDING
 . **SATELLITE SOUNDING**
RT ARTIFICIAL SATELLITES
ATMOSPHERIC SOUNDING
IONOSONDES
IONOSPHERIC SOUNDING
METEOROLOGICAL SATELLITES
RADIOSONDES
ROCKET SOUNDING
VISIBLE INFRARED SPIN SCAN
RADIOMETER

SATELLITE SURFACES

SN (RESTRICTED TO NATURAL SATELLITES)
GS **SATELLITE SURFACES**
 . LUNAR SURFACE
RT CRATERS
ICY SATELLITES
MERCURY SURFACE
NATURAL SATELLITES
 ∞ SURFACES
TERRAIN ANALYSIS

SATELLITE TELEVISION

GS COMMUNICATION EQUIPMENT
 . SPACECRAFT TELEVISION
 . . . **SATELLITE TELEVISION**
TELECOMMUNICATION
 . SPACECRAFT TELEVISION
 . . . **SATELLITE TELEVISION**
TELEVISION SYSTEMS
 . SPACECRAFT TELEVISION
 . . . **SATELLITE TELEVISION**
RT COLOR TELEVISION
DIRECT BROADCAST SATELLITES
METEOROLOGICAL SATELLITES
SPACE PROBES
STEREOTELEVISION
SYMPHONIE SATELLITES
TELEVISION CAMERAS
TELEVISION TRANSMISSION

SATELLITE TEMPERATURE

GS TEMPERATURE
 . **SATELLITE TEMPERATURE**
RT AMBIENT TEMPERATURE
RADIATIVE HEAT TRANSFER
SOLAR RADIATION SHIELDING
SPACECRAFT DESIGN
SPACECRAFT ENVIRONMENTS
SPACECRAFT TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE MEASUREMENT
THERMAL ENVIRONMENTS

SATELLITE TRACKING

GS TRACKING (POSITION)
 . SPACECRAFT TRACKING
 . . . **SATELLITE TRACKING**
 . . . SATELLITE-TO-SATELLITE TRACKING
RT CINETHEODOLITES
GLOBAL TRACKING NETWORK
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
LASER TARGET DESIGNATORS
MINITRACK SYSTEM
OPTICAL SATELLITE TRACKING
PROGRAM
PHOTOGRAPHIC TRACKING
RANGE AND RANGE RATE TRACKING
SAMOS
SATELLITE DOPPLER POSITIONING
SPACE FLIGHT TRACKING AND DATA
NETWORK
STDN (NETWORK)
TRACKING NETWORKS
TRACKING STATIONS
TRANSPONDER CONTROL GROUP

SATELLITE TRACKING AND DATA ACQ NETWORK

USE STDN (NETWORK)

SATELLITE TRANSMISSION

GS TRANSMISSION
 . SIGNAL TRANSMISSION

SATELLITE TRANSMISSION--(cont.)

RT **SATELLITE TRANSMISSION**
ALOHA SYSTEM
BINARY PHASE SHIFT KEYING
CODE DIVISION MULTIPLEXING
DATA TRANSMISSION
DIRECT BROADCAST SATELLITES
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
DOWNLINKING
EARTH TERMINALS
FREQUENCY DIVISION MULTIPLEXING
FREQUENCY REUSE
MSAT
MULTIPLEXING
PULSE COMMUNICATION
QUADRATURE PHASE SHIFT KEYING
RADIO TRANSMISSION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPACECRAFT TELEVISION
TDR SATELLITES
TELEVISION TRANSMISSION
UPLINKING

SATELLITE-BORNE INSTRUMENTS

GS MEASURING INSTRUMENTS
 . **SATELLITE-BORNE INSTRUMENTS**
 . . . ADVANCED VERY HIGH RESOLUTION
RADIOMETER
 . . . AMPS (SATELLITE PAYLOAD)
 . . . TOTAL OZONE MAPPING
SPECTROMETER
RT AMPTE (SATELLITES)
DIAL SATELLITE
INFRARED RADIOMETERS
INSTRUMENT PACKAGES
 ∞ INSTRUMENTS
OPEN PROJECT
PARTICLE TELESCOPES
RADIATION DETECTORS
REMOTE SENSORS
SINGLE EVENT UPSETS
SOLAR BACKSCATTER UV
SPECTROMETER
VISIBLE INFRARED SPIN SCAN
RADIOMETER

SATELLITE-BORNE PHOTOGRAPHY

GS IMAGERY
 . SPACEBORNE PHOTOGRAPHY
 . . . **SATELLITE-BORNE PHOTOGRAPHY**
PHOTOGRAPHY
 . SPACEBORNE PHOTOGRAPHY
 . . . **SATELLITE-BORNE PHOTOGRAPHY**
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
DMSP SATELLITES
FOREST FIRE DETECTION
GEOGRAPHIC APPLICATIONS PROGRAM
INFRARED PHOTOGRAPHY
MARS PHOTOGRAPHS
PHOTOMAPPING
PHOTOMAPS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE IMAGERY
SPACE SURVEILLANCE (SPACEBORNE)
SPECTRAL RECONNAISSANCE
TIMBER INVENTORY

SATELLITE-BORNE RADAR

GS RADAR
 . **SATELLITE-BORNE RADAR**
RT RADAR DETECTION
SATELLITE ALTIMETRY
SEARCH RADAR
SURVEILLANCE RADAR
SYNTHETIC APERTURE RADAR
TRACKING RADAR

SATELLITE-TO-SATELLITE TRACKING

GS TRACKING (POSITION)
 . SPACECRAFT TRACKING
 . . . SATELLITE TRACKING
 . . . **SATELLITE-TO-SATELLITE TRACKING**
RT SPACE SURVEILLANCE (SPACEBORNE)
TRACKING NETWORKS

 ∞ **SATELLITES**

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ARTIFICIAL SATELLITES

SATELLITES--(cont.)

NATURAL SATELLITES

SATURABLE REACTORS

UF SR (REACTORS)
 GS ELECTRIC REACTORS
 . SATURABLE REACTORS
 RT MAGNET COILS
 MAGNETIC AMPLIFIERS
 MAGNETIC CIRCUITS
 MAGNETIC CORES
 MAGNETIC SWITCHING
 POWER REACTORS
 TRANSFORMERS

SATURATED HYDROCARBONS

USE ALKANES

∞ SATURATION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CONCENTRATION (COMPOSITION)
 CONDENSING
 CROWDING
 DESATURATION
 PENETRATION
 PERMEATING
 PRECIPITATION (CHEMISTRY)
 PRECIPITATION (METEOROLOGY)
 UNSATURATION (CHEMISTRY)
 WETTING

SATURATION (CHEMISTRY)

RT CHEMICAL BONDS
 ∞ CHEMISTRY
 DEW POINT
 PRECIPITATION (CHEMISTRY)
 UNSATURATION (CHEMISTRY)

∞ SATURN

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT SATURN (PLANET)
 SATURN PROJECT

SATURN (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 . . GAS GIANT PLANETS
 . . . SATURN (PLANET)
 RT CASSINI MISSION
 DIONE
 ENCELADUS
 HYPERION
 IAPETUS
 JANUS
 MIMAS
 PHOEBE
 RHEA (ASTRONOMY)
 ∞ SATURN
 TETHYS
 TITAN
 VOYAGER 2 SPACECRAFT

SATURN ATMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . PLANETARY ATMOSPHERES
 SATURN ATMOSPHERE
 RT ATMOSPHERIC COMPOSITION
 PLANETARY IONOSPHERES
 PLANETARY RADIATION

SATURN D LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN D LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN D LAUNCH VEHICLE
 RT RL-10-A-3 ENGINE

SATURN LAUNCH VEHICLES

GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN D LAUNCH VEHICLE
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-1 LAUNCH VEHICLE
 . . . SATURN 1 SA-2 LAUNCH VEHICLE
 . . . SATURN 1 SA-3 LAUNCH VEHICLE

SATURN LAUNCH VEHICLES--(cont.)

. . . SATURN 1 SA-4 LAUNCH VEHICLE
 . . . SATURN 1 SA-5 LAUNCH VEHICLE
 . . . SATURN 1 SA-6 LAUNCH VEHICLE
 . . . SATURN 1 SA-7 LAUNCH VEHICLE
 . . . SATURN 1 SA-8 LAUNCH VEHICLE
 . . . SATURN 1 SA-9 LAUNCH VEHICLE
 . . . SATURN 1 SA-10 LAUNCH VEHICLE
 . . SATURN 1B LAUNCH VEHICLES
 . . SATURN 2 LAUNCH VEHICLES
 . . SATURN 5 LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN D LAUNCH VEHICLE
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-1 LAUNCH VEHICLE
 SATURN 1 SA-2 LAUNCH VEHICLE
 SATURN 1 SA-3 LAUNCH VEHICLE
 SATURN 1 SA-4 LAUNCH VEHICLE
 SATURN 1 SA-5 LAUNCH VEHICLE
 SATURN 1 SA-6 LAUNCH VEHICLE
 SATURN 1 SA-7 LAUNCH VEHICLE
 SATURN 1 SA-8 LAUNCH VEHICLE
 SATURN 1 SA-9 LAUNCH VEHICLE
 SATURN 1 SA-10 LAUNCH
 VEHICLE
 . . . SATURN 1B LAUNCH VEHICLES
 . . . SATURN 2 LAUNCH VEHICLES
 . . . SATURN 5 LAUNCH VEHICLES
 RT APOLLO PROJECT
 F-1 ROCKET ENGINE
 RL-10 ENGINES
 ∞ VEHICLES

SATURN PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . SATURN PROJECT
 PROJECTS
 SATURN PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 SATURN PROJECT
 RT APOLLO APPLICATIONS PROGRAM
 APOLLO SPACECRAFT
 CENTAUR LAUNCH VEHICLE
 LAUNCH VEHICLES
 LUNAR LAUNCH
 PEGASUS SATELLITES
 RIFT (REACTOR IN FLIGHT TEST)
 VOYAGER PROJECT

SATURN RINGS

GS CELESTIAL BODIES
 . PLANETARY RINGS
 . . SATURN RINGS
 RT GAS GIANT PLANETS
 JUPITER RINGS
 MOONLETS
 NATURAL SATELLITES
 PLANETARY ATMOSPHERES
 PLANETARY COMPOSITION
 PLANETARY SURFACES
 PLANETARY TEMPERATURE
 PLANETOLOGY
 PLANETS
 ∞ RINGS
 SOLAR SYSTEM
 URANUS RINGS

SATURN S-1 STAGE

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-1 STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1B STAGE

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-1B STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1C STAGE

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-1C STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-2 STAGE

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-2 STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4 STAGE

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-4 STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4B STAGE

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-4B STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . DIONE
 . . . ENCELADUS
 . . . HYPERION
 . . . IAPETUS
 . . . JANUS
 . . . MIMAS
 . . . PHOEBE
 . . . RHEA (ASTRONOMY)
 . . . TETHYS
 . . . TITAN
 RT ICY SATELLITES

SATURN STAGES

GS ROCKET VEHICLES
 . SATURN STAGES
 . . SATURN S-1 STAGE
 . . SATURN S-1B STAGE
 . . SATURN S-1C STAGE
 . . SATURN S-2 STAGE
 . . SATURN S-4 STAGE
 . . SATURN S-4B STAGE
 RT LIQUID PROPELLANT ROCKET ENGINES

SATURN WORKSHOPS

GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SATURN WORKSHOPS
 . . . SATURN 1 WORKSHOP
 . . . SATURN 5 WORKSHOP
 MANNED SPACECRAFT
 . ORBITAL WORKSHOPS
 . . SATURN WORKSHOPS
 . . . SATURN 1 WORKSHOP
 . . . SATURN 5 WORKSHOP
 RT AIRLOCK MODULES
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 MULTIPLE DOCKING ADAPTERS
 SKYLAB PROGRAM
 SPACE STATIONS

SATURN 1 LAUNCH VEHICLES

GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-1 LAUNCH VEHICLE
 . . . SATURN 1 SA-2 LAUNCH VEHICLE
 . . . SATURN 1 SA-3 LAUNCH VEHICLE
 . . . SATURN 1 SA-4 LAUNCH VEHICLE
 . . . SATURN 1 SA-5 LAUNCH VEHICLE
 . . . SATURN 1 SA-6 LAUNCH VEHICLE
 . . . SATURN 1 SA-7 LAUNCH VEHICLE
 . . . SATURN 1 SA-8 LAUNCH VEHICLE
 . . . SATURN 1 SA-9 LAUNCH VEHICLE
 . . . SATURN 1 SA-10 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-1 LAUNCH VEHICLE
 SATURN 1 SA-2 LAUNCH VEHICLE
 SATURN 1 SA-3 LAUNCH VEHICLE
 SATURN 1 SA-4 LAUNCH VEHICLE
 SATURN 1 SA-5 LAUNCH VEHICLE
 SATURN 1 SA-6 LAUNCH VEHICLE
 SATURN 1 SA-7 LAUNCH VEHICLE
 SATURN 1 SA-8 LAUNCH VEHICLE
 SATURN 1 SA-9 LAUNCH VEHICLE
 SATURN 1 SA-10 LAUNCH
 VEHICLE
 RT H-1 ENGINE
 M-1 ENGINE

SATURN 1 SA-1 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-1 LAUNCH VEHICLE
 ROCKET VEHICLES

SATURN 1 SA-1 LAUNCH VEHICLE--(cont.)
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-1 LAUNCH VEHICLE

SATURN 1 SA-2 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-2 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-2 LAUNCH VEHICLE

SATURN 1 SA-3 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-3 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-3 LAUNCH VEHICLE

SATURN 1 SA-4 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-4 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-4 LAUNCH VEHICLE

SATURN 1 SA-5 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-5 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-5 LAUNCH VEHICLE

SATURN 1 SA-6 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-6 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-6 LAUNCH VEHICLE

SATURN 1 SA-7 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-7 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-7 LAUNCH VEHICLE

SATURN 1 SA-8 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-8 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-8 LAUNCH VEHICLE

SATURN 1 SA-9 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-9 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-9 LAUNCH VEHICLE

SATURN 1 SA-10 LAUNCH VEHICLE
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1 LAUNCH VEHICLES
 . . . SATURN 1 SA-10 LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1 LAUNCH VEHICLES
 SATURN 1 SA-10 LAUNCH VEHICLE

SATURN 1 WORKSHOP
 GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SATURN WORKSHOPS
 . . . SATURN 1 WORKSHOP
 MANNED SPACECRAFT
 . ORBITAL WORKSHOPS
 . . SATURN WORKSHOPS
 . . . SATURN 1 WORKSHOP
 RT AIRLOCK MODULES
 . APOLLO APPLICATIONS PROGRAM
 . APOLLO PROJECT
 . MULTIPLE DOCKING ADAPTERS
 . SKYLAB PROGRAM
 . SPACE STATIONS

SATURN 1B LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 1B LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 1B LAUNCH VEHICLES
 RT H-1 ENGINE
 . J-2 ENGINE
 . M-1 ENGINE
 . SKYLAB 2
 . SKYLAB 3
 . SKYLAB 4

SATURN 2 LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 2 LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 2 LAUNCH VEHICLES

SATURN 5 LAUNCH VEHICLES
 GS LAUNCH VEHICLES
 . SATURN LAUNCH VEHICLES
 . . SATURN 5 LAUNCH VEHICLES
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SATURN LAUNCH VEHICLES
 . . . SATURN 5 LAUNCH VEHICLES
 RT J-2 ENGINE
 . SKYLAB 2
 . SKYLAB 3
 . SKYLAB 4

SATURN 5 WORKSHOP
 GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SATURN WORKSHOPS
 . . . SATURN 5 WORKSHOP
 MANNED SPACECRAFT
 . ORBITAL WORKSHOPS
 . . SATURN WORKSHOPS
 . . . SATURN 5 WORKSHOP
 RT AIRLOCK MODULES
 . APOLLO APPLICATIONS PROGRAM
 . APOLLO PROJECT
 . MULTIPLE DOCKING ADAPTERS
 . SKYLAB PROGRAM
 . SPACE STATIONS

SAUDI ARABIA
 GS NATIONS
 . SAUDI ARABIA
 RT ASIA
 . SAUDI ARABIAN SPACE PROGRAM

SAUDI ARABIAN SPACE PROGRAM
 GS PROGRAMS
 . SPACE PROGRAMS
 . . SAUDI ARABIAN SPACE PROGRAM
 RT ARABSAT
 . ARCOMSAT
 . SAUDI ARABIA
 . SPACE SHUTTLE MISSION 51-G

SAVAGE AIRCRAFT
 USE A-2 AIRCRAFT

SAVANNAH NUCLEAR SHIP
 GS SURFACE VEHICLES
 . CARGO SHIPS
 . . SAVANNAH NUCLEAR SHIP
 . NUCLEAR POWERED SHIPS
 . . SAVANNAH NUCLEAR SHIP
 WATER VEHICLES
 . SHIPS
 . . CARGO SHIPS
 . . . SAVANNAH NUCLEAR SHIP
 . . . NUCLEAR POWERED SHIPS
 . . . SAVANNAH NUCLEAR SHIP
 RT MARINE PROPULSION
 . NUCLEAR PROPULSION

SAVANNAHS
 USE GRASSLANDS

SAWS
 GS CUTTERS
 . SAWS
 TOOLS
 . SAWS
 RT MACHINE TOOLS
 . SHEARS

SAWTOOTH WAVEFORMS
 GS WAVEFORMS
 . SAWTOOTH WAVEFORMS
 RT PULSE AMPLITUDE
 . PULSE DURATION
 . SQUARE WAVES

SC-1 AIRCRAFT
 UF SHORT SC-1 AIRCRAFT
 GS JET AIRCRAFT
 . SC-1 AIRCRAFT
 MONOPLANES
 . SC-1 AIRCRAFT
 RESEARCH AIRCRAFT
 . SC-1 AIRCRAFT
 TAILLESS AIRCRAFT
 . SC-1 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . SC-1 AIRCRAFT
 RT ∞ AIRCRAFT

SC-5 AIRCRAFT
 UF BELFAST AIRCRAFT
 . SHORT BELFAST C MK-1 AIRCRAFT
 . SHORT SC-5 AIRCRAFT
 GS JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . SC-5 AIRCRAFT
 MONOPLANES
 . SC-5 AIRCRAFT
 TRANSPORT AIRCRAFT
 . SC-5 AIRCRAFT
 RT ∞ AIRCRAFT

SC-7 AIRCRAFT
 UF SHORT SC-7 AIRCRAFT
 . SKYVAN AIRCRAFT
 . TURBO-SKYVAN AIRCRAFT
 GS LIGHT AIRCRAFT
 . SC-7 AIRCRAFT
 MONOPLANES
 . SC-7 AIRCRAFT
 TRANSPORT AIRCRAFT
 . SC-7 AIRCRAFT
 RT ∞ AIRCRAFT
 . CARGO AIRCRAFT
 . PASSENGER AIRCRAFT

SCALAR MAGNETIC CHARGE
 USE MAGNETIC CHARGE DENSITY

SCALARS
 RT TENSOR ANALYSIS
 . TENSORS

SCALE
 SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT SCALE (CORROSION)
 . SCALE (RATIO)
 . TEMPERATURE SCALES
 . WEIGHT INDICATORS

SCALE (CORROSION)

GS CORROSION
 . **SCALE (CORROSION)**
 RT CHEMICAL ATTACK
 DEGRADATION
 DESCALING
 HOT CORROSION
 PICKLING (METALLURGY)
 RUSTING
 ∞ SCALE
 ∞ SCALING

SCALE (RATIO)

GS RATIOS
 . **SCALE (RATIO)**
 RT MAPPING
 RETICLES
 ∞ SCALE

SCALE EFFECT

RT ∞ EFFECTS
 FORCE DISTRIBUTION
 PARAMETERIZATION
 REYNOLDS NUMBER
 ∞ SCALING

SCALE HEIGHT

GS DIMENSIONS
 . HEIGHT
 . **SCALE HEIGHT**
 RT EARTH ATMOSPHERE
 GEOPOTENTIAL HEIGHT
 HEAD (FLUID MECHANICS)

SCALE MODELS

GS MODELS
 . **SCALE MODELS**
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT MODELS
 REYNOLDS EQUATION
 SCALING LAWS
 SEMISPAN MODELS
 SIMILARITY THEOREM
 SIMILITUDE LAW
 SPACECRAFT MODELS
 WIND TUNNEL MODELS

SCALERS

GS CIRCUITS
 . COUNTING CIRCUITS
 . **SCALERS**
 RT TENSOR ANALYSIS

∞ SCALING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CALIBRATING
 ERRORS
 SCALE (CORROSION)
 SCALE EFFECT
 SCALING LAWS

SCALING LAWS

GS LAWS
 . **SCALING LAWS**
 RT DIMENSIONAL ANALYSIS
 DIMENSIONLESS NUMBERS
 SCALE MODELS
 ∞ SCALING
 SIMILARITY NUMBERS
 WIND TUNNEL CALIBRATION

SCALLOPING

RT EDGES
 ELECTRON BEAMS
 TRAVELING WAVE TUBES

SCANDINAVIA

RT DENMARK
 FINLAND
 NORWAY
 SWEDEN

SCANDIUM

GS CHEMICAL ELEMENTS
 . RARE EARTH ELEMENTS
 . **SCANDIUM**
 . . . SCANDIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . **SCANDIUM**
 . . . SCANDIUM ISOTOPES
 . TRANSITION METALS

SCANDIUM--(cont.)

. . . **SCANDIUM**
 . . . SCANDIUM ISOTOPES

SCANDIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . **SCANDIUM COMPOUNDS**
 . . . SCANDIUM OXIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3B COMPOUNDS
 ∞ METAL COMPOUNDS

SCANDIUM ISOTOPES

UF SCANDIUM 46
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **SCANDIUM ISOTOPES**
 . RARE EARTH ELEMENTS
 . . SCANDIUM
 . . . **SCANDIUM ISOTOPES**
 METALS
 . RARE EARTH ELEMENTS
 . . SCANDIUM
 . . . **SCANDIUM ISOTOPES**
 . TRANSITION METALS
 . . SCANDIUM
 . . . **SCANDIUM ISOTOPES**

SCANDIUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **SCANDIUM OXIDES**
 RARE EARTH COMPOUNDS
 . SCANDIUM COMPOUNDS
 . . **SCANDIUM OXIDES**

SCANDIUM 46

USE SCANDIUM ISOTOPES

SCANNER PROJECT

GS PROGRAMS
 . PROJECTS
 . . **SCANNER PROJECT**
 RT HORIZON SCANNERS
 INFRARED SCANNERS
 OPTICAL EQUIPMENT

SCANNERS

UF SCANNING DEVICES
 GS **SCANNERS**
 . COASTAL ZONE COLOR SCANNER
 . HORIZON SCANNERS
 . INFRARED SCANNERS
 . OCEAN COLOR SCANNER
 . OPTICAL SCANNERS
 . . FLYING SPOT SCANNERS
 . . . MULTISPECTRAL BAND SCANNERS
 . . . THEMATIC MAPPERS (LANDSAT)
 . . . ULTRASONIC SCANNERS
 RT CONICAL SCANNING
 OPTICAL DATA PROCESSING
 OPTICAL EQUIPMENT
 PANORAMIC SCANNING
 READING
 SCANNING
 SUBREFLECTORS

SCANNING

GS **SCANNING**
 . CONICAL SCANNING
 . FREQUENCY SCANNING
 . PANORAMIC SCANNING
 . RADAR SCANNING
 . RASTER SCANNING
 RT EARTH RESOURCES
 EROS (SATELLITES)
 EXAMINATION
 MONITORS
 MULTISPECTRAL BAND SCANNERS
 RAPID BALLISTICS IDENTIFICATION
 READING
 SCANNERS
 SEARCHING
 SURVEILLANCE
 ULTRASONIC SCANNERS

SCANNING DEVICES

USE SCANNERS

SCANNING ELECTRON MICROSCOPY

UF SEM (MICROSCOPY)
 GS MICROSCOPY

SCANNING ELECTRON MICROSCOPY--(cont.)

. ELECTRON MICROSCOPY
 . . **SCANNING ELECTRON MICROSCOPY**
 RT ELECTRON BEAMS
 ELECTRON MICROSCOPES
 FIELD EMISSION
 ION MICROSCOPES
 MAGNETIC LENSES
 MICROANALYSIS
 PHASE CONTRAST
 SECONDARY EMISSION

SCANNING LASER ACOUSTIC MICROSCOPE (SLAM)

USE ACOUSTIC MICROSCOPES

SCANNING TUNNELING MICROSCOPY

GS MICROSCOPY
 . ELECTRON MICROSCOPY
 . . **SCANNING TUNNELING MICROSCOPY**
 RT ELECTRON MICROSCOPES
 ELECTRON TUNNELING
 TRANSMISSION ELECTRON MICROSCOPY

SCAPULA

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . **SCAPULA**
 RT ARM (ANATOMY)
 SHOULDERS

SCAR PROGRAM

USE SUPERSONIC CRUISE AIRCRAFT
 RESEARCH

SCARFING

GS CUTTING
 . **SCARFING**
 RT CLEANING
 GRINDING (MATERIAL REMOVAL)
 METAL CUTTING
 SLICING

SCARPS

USE ESCARPMENTS

SCARS

GS TISSUES (BIOLOGY)
 . **SCARS**

SCARS (GEOLOGY)

USE EROSION

SCAT

USE SUPERSONIC COMMERCIAL AIR
 TRANSPORT

SCATHA SATELLITE

UF P78-2 SATELLITE
 SPACECRAFT CHARGING AT HIGH
 ALTITUDE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . **SCATHA SATELLITE**
 RT ∞ CHARGING
 ELECTRIC CHARGE
 ELECTROMAGNETIC INTERFERENCE
 ELECTROSTATIC CHARGE
 ELECTROSTATIC PROBES
 ELECTROSTATIC SHIELDING
 HIGH ENERGY ELECTRONS

SCATTER PLATES (OPTICS)

GS OPTICAL EQUIPMENT
 . **SCATTER PLATES (OPTICS)**
 RT BEAM SPLITTERS
 COHERENT LIGHT
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHY
 INTERFEROMETRY
 LIGHT SCATTERING
 ∞ OPTICS
 ∞ PLATES
 SPECKLE HOLOGRAPHY
 SPECKLE INTERFEROMETRY

SCATTER PROPAGATION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . **SCATTER PROPAGATION**
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION

SCATTER PROPAGATION--(cont.)

- . WAVE PROPAGATION
- . . . **SCATTER PROPAGATION**
- IONOSPHERIC F-SCATTER PROPAGATION

- RT BACKSCATTERING
- FORWARD SCATTERING
- IONOSPHERIC PROPAGATION
- METEOR TRAILS
- RADIO RECEPTION
- RADIO SCATTERING
- RADIO TRANSMISSION
- RADIO WAVES

SCATTERERS

- USE SCATTERING

SCATTERING

- UF SCATTERERS

GS

- . **SCATTERING**
- . . BACKSCATTERING
- . . COHERENT SCATTERING
- . . COMPTON EFFECT
- . . ELASTIC SCATTERING
- . . ELECTRON SCATTERING
- . . . ELECTRON RUNAWAY (PLASMA PHYSICS)
- . . FORWARD SCATTERING
- . . INCOHERENT SCATTERING
- . . INELASTIC SCATTERING
- . . INVERSE SCATTERING
- . . ION SCATTERING
- . . NUCLEAR SCATTERING
- . . . NEUTRON SCATTERING
- . . . RESONANCE SCATTERING
- . . NUCLEON-NUCLEON SCATTERING
- . . PROTON SCATTERING
- . . RADAR SCATTERING
- . . WAVE SCATTERING
- . . . ACOUSTIC SCATTERING
- . . . REVERBERATION
- . . . ATMOSPHERIC SCATTERING
- . . . TROPOSPHERIC SCATTERING
- . . . ELECTROMAGNETIC SCATTERING
- . . . IONOSPHERIC F-SCATTER PROPAGATION
- LIGHT SCATTERING
- HALOS
- MICROWAVE SCATTERING
- MIE SCATTERING
- RAYLEIGH SCATTERING
- RAMAN SPECTRA
- THOMSON SCATTERING
- X RAY SCATTERING
- RT ATOMIC COLLISIONS
- BISTATIC REFLECTIVITY
- CIRCUMSOLAR RADIATION
- COLLISION PARAMETERS
- COLLISIONS
- DEEP SCATTERING LAYERS
- DEFLECTION
- DIFFUSION
- DISPERSING
- ELECTROMAGNETIC RADIATION ENCOUNTERS
- HUYGENS PRINCIPLE
- IMPINGEMENT
- INCIDENT RADIATION
- INELASTIC COLLISIONS
- MEAN FREE PATH
- PARTICLE COLLISIONS
- POMERONS
- REFLECTION
- RELEASING
- SCATTEROMETERS
- SHOCK WAVE INTERACTION
- SPREAD REFLECTION
- SPREADING
- SPRINKLING
- STATISTICAL DISTRIBUTIONS
- TRANSMITTANCE
- WAVE DEGRADATION
- WAVE DISPERSION
- WAVE INTERACTION

SCATTERING AMPLITUDE

- GS AMPLITUDES
- . **SCATTERING AMPLITUDE**
- RT FADDEEV EQUATIONS
- MANDELSTAM REPRESENTATION
- WAVE SCATTERING

SCATTERING COEFFICIENTS

- GS COEFFICIENTS
- . **SCATTERING COEFFICIENTS**

SCATTERING COEFFICIENTS--(cont.)

- RT ABSORPTIVITY
- ATTENUATION COEFFICIENTS
- FORM FACTORS

SCATTERING CROSS SECTIONS

- RT ABSORPTION CROSS SECTIONS
- BARYON RESONANCE
- BORN APPROXIMATION
- . . CROSS SECTIONS
- . . . ELECTRON RUNAWAY (PLASMA PHYSICS)
- . . IONIZATION CROSS SECTIONS
- . . NEUTRON CROSS SECTIONS
- . . POMERANCHUK THEOREM
- . . POMERONS
- . . RAMSAUER EFFECT
- . . REGGE POLES
- . . S MATRIX THEORY
- . . STOPPING POWER

SCATTERING FUNCTIONS

- RT FLUX DENSITY
- . . FUNCTIONS
- . . . RADIANT FLUX DENSITY

SCATTERING MATRIX

- USE S MATRIX THEORY

SCATTEROMETERS

- GS MEASURING INSTRUMENTS
- . **SCATTEROMETERS**
- RT . . INSTRUMENTS
- . . . MICROWAVE SCATTERING
- . . . MICROWAVES
- . . . RADAR
- . . . RADAR SCATTERING
- . . . SCATTERING
- . . . WAVE SCATTERING

SCAVENGING

- RT CLEANING
- DEGASSING
- DEOXIDIZING
- PURIFICATION

SCCF

- USE SOLAR CELL CALIBRATION FACILITY

SCENE ANALYSIS

- GS DATA PROCESSING
- . OPTICAL DATA PROCESSING
- . . **SCENE ANALYSIS**
- RT CHANGE DETECTION
- CHARACTER RECOGNITION
- EDGE DETECTION
- FEATURE IDENTIFICATION AND LOCATION EXPER
- IMAGE ANALYSIS
- IMAGERY
- IMAGING TECHNIQUES
- OPTICAL FLOW (IMAGE ANALYSIS)
- VIDEO LANDMARK ACQUISITION AND TRACKING

SCENEDESMUS

- GS PLANTS (BOTANY)
- . ALGAE
- . . **SCENEDESMUS**

SCF

- USE SELF CONSISTENT FIELDS

SCHACH EFFECT

- RT CELESTIAL MECHANICS
- . . EFFECTS
- . . . ORBIT PERTURBATION
- . . . PERTURBATION
- . . . SATELLITE PERTURBATION

SCHAUDER FIXPOINT THEOREM

- GS THEOREMS
- . **SCHAUDER FIXPOINT THEOREM**
- RT COMPLEX VARIABLES
- DIFFERENTIAL EQUATIONS

SCHEDULES

- GS **SCHEDULES**
- . COUNTDOWN
- RT CONTRACT MANAGEMENT
- PRECISION
- PREDICTIONS
- PRODUCTION PLANNING
- TIME

SCHEDULES--(cont.)

- TIME LAG
- TURNAROUND (STS)

SCHEDULING

- GS **SCHEDULING**
- . PREDICTION ANALYSIS TECHNIQUES
- RT CALENDARS
- CONSECUTIVE EVENTS
- CONTINUITY
- . . CONTROL
- . . CROP CALENDARS
- . . DECISION THEORY
- . . FORECASTING
- . . FORMALISM
- . . LATENESS
- . . MATHEMATICAL MODELS
- . . MATRIX MANAGEMENT
- . . MISSION PLANNING
- . . OPTIMIZATION
- . . PRODUCTION ENGINEERING
- . . QUALITY CONTROL
- . . SEQUENCING
- . . TASK COMPLEXITY
- . . TASK PLANNING (ROBOTICS)
- . . TASKS
- . . TIME SERIES ANALYSIS

SCHEELITE

- GS CALCIUM COMPOUNDS
- . **SCHEELITE**
- . . CHALCOGENIDES
- . . OXIDES
- . . . METAL OXIDES
- . . . TUNGSTEN OXIDES
- **SCHEELITE**
- . . MINERALS
- . . **SCHEELITE**
- . . TUNGSTEN COMPOUNDS
- . . TUNGSTEN OXIDES
- . . **SCHEELITE**

SCHUNKOFF PRINCIPLE

- RT ANTENNA RADIATION PATTERNS
- HORN ANTENNAS
- HUYGENS PRINCIPLE
- REFLECTOMETERS
- REFLECTORS

SCHEMATICS

- USE CIRCUIT DIAGRAMS

SCHIFF BASES

- USE IMINES

SCHIST

- GS ROCKS
- . **SCHIST**
- RT LIMESTONE
- SANDSTONES

SCHIZOPHRENIA

- GS PSYCHOSES
- . **SCHIZOPHRENIA**
- RT . . DEPRESSION
- . . IRRATIONALITY
- . . MENTAL HEALTH

SCHLEICHER AIRCRAFT

- RT . . AIRCRAFT
- . . GLIDERS

SCHLEICHER KA-6 SAILPLANE

- USE KA-6 SAILPLANES

SCHLIEREN PHOTOGRAPHY

- GS IMAGERY
- . SHADOWGRAPH PHOTOGRAPHY
- . . **SCHLIEREN PHOTOGRAPHY**
- . . PHOTOGRAPHY
- . . SHADOWGRAPH PHOTOGRAPHY
- . . . **SCHLIEREN PHOTOGRAPHY**
- RT BLACK AND WHITE PHOTOGRAPHY
- DIFFERENTIAL INTERFEROMETRY
- FLOW VISUALIZATION
- MACH-ZEHNDER INTERFEROMETERS
- MOIRE EFFECTS

SCHMIDT CAMERAS

- GS OPTICAL EQUIPMENT
- . CAMERAS
- . . **SCHMIDT CAMERAS**
- . . PHOTOGRAPHIC EQUIPMENT
- . . CAMERAS

SCHMIDT CAMERAS--(cont.)**SCHMIDT CAMERAS**

RT ASTRONOMICAL PHOTOGRAPHY
BAKER-NUNN CAMERA
TELESCOPES

SCHMIDT METHOD

RT DIFFERENTIAL EQUATIONS
INTEGRAL EQUATIONS
∞ METHODOLOGY
REAL VARIABLES

SCHMIDT NUMBER

GS RATIOS
DIMENSIONLESS NUMBERS
RT NUSSELT NUMBER
PRANDTL NUMBER

SCHMIDT TELESCOPES

GS TELESCOPES
RT SCHMIDT TELESCOPES
REFLECTING TELESCOPES

SCHOOLS

RT EDUCATION
INSTRUCTORS
TRAINING EVALUATION
UNIVERSITIES

SCHOOLS (FISH)

GS ANIMALS
VERTEBRATES
FISHES
RT FISHING
ICHTHYOLOGY

SCHOTTKY BARRIER DIODES

USE SCHOTTKY DIODES

SCHOTTKY DIODES

UF SCHOTTKY BARRIER DIODES
GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
SCHOTTKY DIODES
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
RT ∞ BARRIERS
BARRITT DIODES
GALLIUM ARSENIDES
MSM (SEMICONDUCTORS)
N-TYPE SEMICONDUCTORS
SEMICONDUCTOR JUNCTIONS
SILICON
SIS (SEMICONDUCTORS)
WORK FUNCTIONS
ZINC SELENIDES

SCHOTTKY EFFECT

USE WORK FUNCTIONS

SCHREIBERSITE

GS IRON COMPOUNDS
SCHREIBERSITE
MINERALS
SCHREIBERSITE
NICKEL COMPOUNDS
SCHREIBERSITE
PHOSPHORUS COMPOUNDS
PHOSPHIDES
SCHREIBERSITE
RT IRON METEORITES
METEORITIC COMPOSITION
STONY METEORITES

SCHROEDINGER EQUATION

GS WAVE EQUATIONS
SCHROEDINGER EQUATION
RT ∞ EQUATIONS
WENTZEL-KRAMER-BRILLOUIN METHOD

SCHULER TUNING

GS TUNING
SCHULER TUNING
RT GYROSCOPIC PENDULUMS
GYROSCOPIC STABILITY
INERTIAL NAVIGATION

SCHUMANN-RUNGE BANDS

GS SPECTRA
SPECTRAL BANDS

SCHUMANN-RUNGE BANDS--(cont.)**SCHUMANN-RUNGE BANDS**

RT ABSORPTION SPECTRA
∞ BANDS
EMISSION SPECTRA
HERZBERG BANDS
OXYGEN
QUANTUM THEORY

SCHWARTZ INEQUALITY

GS INEQUALITIES
SCHWARTZ INEQUALITY
RT ALGEBRA
LINEAR TRANSFORMATIONS
VECTORS (MATHEMATICS)

SCHWARTZ METHOD

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
SCHWARTZ METHOD
STRESS ANALYSIS
RT ∞ METHODOLOGY

SCHWARZ-CHRISTOFFEL TRANSFORMATION

GS ANALYSIS (MATHEMATICS)
COMPLEX VARIABLES
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
FUNCTIONS (MATHEMATICS)
SCHWARZ-CHRISTOFFEL
TRANSFORMATION
RT CONFORMAL MAPPING

SCHWARZSCHILD ANTENNAS

GS ANTENNAS
SCHWARZSCHILD ANTENNAS
RT HORNS
PARABOLIC REFLECTORS
RADAR ANTENNAS
RADIO ANTENNAS

SCHWARZSCHILD METRIC

RT BIMETRIC THEORIES
COORDINATE TRANSFORMATIONS
ESCAPE VELOCITY
EVENT HORIZON
GRAVITATIONAL FIELDS
IONIZATION
LIGHT SPEED
ORBITALS
ORBITS
RELATIVITY

SCHWASSMANN-WACHMANN COMET

GS CELESTIAL BODIES
COMETS
SCHWASSMANN-WACHMANN COMET
RT SOLAR SYSTEM

SCIATIC REGION

GS ANATOMY
SCIATIC REGION
REGIONS
SCIATIC REGION
RT HUMAN BODY
LUMBAR REGION
MUSCULOSKELETAL SYSTEM
NERVES
SPINE

∞ SCIENCE

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACOUSTICS
AEROACOUSTICS
AERODYNAMICS
AERONAUTICS
AEROSPACE MEDICINE
AEROTHERMODYNAMICS
ALGEBRA
ANTHROPOLOGY
ASTRODYNAMICS
ASTRONOMY
ASTROPHYSICS
ATMOSPHERIC PHYSICS
ATOMIC PHYSICS
BIOACOUSTICS
BIOASTRONAUTICS
BIODYNAMICS
∞ BIOLOGY
BIOPHYSICS
BOTANY

SCIENCE--(cont.)

CLOUD PHYSICS
COMBUSTION PHYSICS
COMPUTATIONAL ASTROPHYSICS
ELECTROPHYSICS
ELECTROPHYSIOLOGY
ENTOMOLOGY
FLUID DYNAMICS
FLUID MECHANICS
GEOLOGY
GEOMETRY
GEOPHYSICS
HEALTH PHYSICS
HELIOSEISMOLOGY
HYDROGEOLOGY
HYDROMECHANICS
LIFE SCIENCES
LOW TEMPERATURE PHYSICS
MARINE BIOLOGY
MARINE CHEMISTRY
MARINE METEOROLOGY
∞ MATERIALS SCIENCE
∞ MATHEMATICS
∞ MECHANICS (PHYSICS)
MEDICAL SCIENCE
∞ METALLURGY
METEOROLOGY
∞ MOLECULAR PHYSICS
NEUROPHYSIOLOGY
NEUTRON PHYSICS
NUCLEAR PHYSICS
OCEANOGRAPHY
∞ OPTICS
∞ PHYSICAL SCIENCES
∞ PHYSICS
PHYSIOCHEMISTRY
PHYSIOLOGY
PLASMA PHYSICS
POLYMER PHYSICS
PSYCHOPHYSICS
PSYCHOPHYSIOLOGY
RADIO ASTRONOMY
RADIO PHYSICS
REACTOR PHYSICS
REENTRY PHYSICS
RESPIRATORY PHYSIOLOGY
SEISMOLOGY
SOLAR DIAMETER
SOLAR PHYSICS
SOLID MECHANICS
∞ SOLID STATE PHYSICS
STELLAR PHYSICS
SUNRISE
SUNSET
TAXONOMY
THEORETICAL PHYSICS
TRIGONOMETRY
UNDERWATER PHYSIOLOGY
∞ ZOOLOGY

SCIENTIFIC INSTRUMENT MODULES

USE SIM

SCIENTIFIC SATELLITES

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
AMPTE (SATELLITES)
ASTRONOMICAL SATELLITES
GAMMA RAY OBSERVATORY
GINGA SATELLITE
HUBBLE SPACE TELESCOPE
LARGE DEPLOYABLE REFLECTOR
SPACE INFRARED TELESCOPE
FACILITY
TENMA SATELLITE
X RAY ASTROPHYSICS FACILITY
ATS
ATS 1
ATS 2
ATS 3
ATS 4
ATS 5
ATS 6
ATS 7
ATS 8
AZUR SATELLITE
CANNONBALL 2 SATELLITE
CRRES (SATELLITE)
DIAL SATELLITE
ENVIRONMENTAL RESEARCH
SATELLITES
ERS 17
ERS 18
INTASAT SATELLITE
EXOS SATELLITES

SCIENTIFIC SATELLITES--(cont.)

... EXOS-A SATELLITE
 ... EXOS-B SATELLITE
 ... EXOS-C SATELLITE
 ... EXOS-D SATELLITE
 ... EXOSAT SATELLITE
 ... EXPLORER SATELLITES
 ... APPLICATIONS EXPLORER SATELLITES
 ... COSMIC BACKGROUND EXPLORER SATELLITE
 ... DUAL AIR DENSITY EXPLORER
 ... DYNAMICS EXPLORER SATELLITES
 ... DYNAMICS EXPLORER 1 SATELLITE
 ... DYNAMICS EXPLORER 2 SATELLITE
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 ... EXPLORER 55 SATELLITE
 ... EXTREME ULTRAVIOLET EXPLORER SATELLITE
 ... FAR UV SPECTROSCOPIC EXPLORER
 ... IMP
 ... INTERNATIONAL MAGNETOSPHERIC EXPLORER
 ... INTERNATIONAL SUN EARTH EXPLORERS
 ... INTERNATIONAL SUN EARTH EXPLORER 1
 ... INTERNATIONAL SUN EARTH EXPLORER 2
 ... INTERNATIONAL SUN EARTH EXPLORER 3
 ... MICROMETEOROID EXPLORER SATELLITES
 ... RADIO ASTRONOMY EXPLORER SATELLITE
 ... SOLAR MESOSPHERE EXPLORER
 ... UHURU SATELLITE
 ... X RAY TIMING EXPLORER
 ... GEOPOTENTIAL RESEARCH MISSION
 ... HAWKEYE SATELLITES
 ... LONG DURATION EXPOSURE FACILITY

SCIENTIFIC SATELLITES--(cont.)

... LZEEBE SATELLITE
 ... MAGSAT SATELLITES
 ... MAGSAT A SATELLITE
 ... MAGSAT B SATELLITE
 ... MAGSAT 1 SATELLITE
 ... ORBIS
 ... ORBIS CAL SATELLITE
 ... OV-1 SATELLITES
 ... OV-2 SATELLITES
 ... OV-3 SATELLITES
 ... OV-4 SATELLITES
 ... OV-5 SATELLITES
 ... SCATHA SATELLITE
 ... SMALL SCIENTIFIC SATELLITES
 ... UK SATELLITES
 ... UK 4 SATELLITE
 ... UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)
 RT CANADIAN SPACE PROGRAM
 CLUSTER MISSION
 ESRO 4 SATELLITE
 SOHO MISSION
 TECHNOLOGY FEASIBILITY SPACECRAFT

SCIENTIFIC VISUALIZATION

UF DATA VISUALIZATION
 RT COMPUTER GRAPHICS
 COMPUTERIZED SIMULATION
 DISPLAY DEVICES
 IMAGE PROCESSING
 NUMERICAL FLOW VISUALIZATION
 SOFTWARE TOOLS

SCIENTISTS

GS MANPOWER
 . SCIENTISTS
 PERSONNEL
 . SCIENTISTS
 RT AWARDS
 ENGINEERS

SCIMITAR AIRCRAFT

UF VICKERS SCIMITAR AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . SCIMITAR AIRCRAFT
 BAC AIRCRAFT
 . SCIMITAR AIRCRAFT
 JET AIRCRAFT
 . SCIMITAR AIRCRAFT
 MONOPLANES
 . SCIMITAR AIRCRAFT
 RT . AIRCRAFT

SCINTILLATING FIBERS

UF SCINTILLATION FIBERS
 GS FIBERS
 . OPTICAL FIBERS
 . SCINTILLATING FIBERS
 RT CALORIMETERS
 COSMIC RAYS
 FIBER OPTICS
 GAMMA RAY SPECTROMETERS
 GAMMA RAY TELESCOPES
 GAMMA RAYS
 HODOSCOPES
 PHOTOMULTIPLIER TUBES
 RADIATION COUNTERS
 SCINTILLATION
 SCINTILLATION COUNTERS

SCINTILLATION

RT GLINT
 PHOSPHORESCENCE
 SCINTILLATING FIBERS
 SEEING (ASTRONOMY)

SCINTILLATION COUNTERS

UF SCINTILLATORS
 SCINTILLOMETERS
 GS MEASURING INSTRUMENTS
 . COUNTERS
 . RADIATION COUNTERS
 . SCINTILLATION COUNTERS
 . RADIATION MEASURING INSTRUMENTS
 . RADIATION COUNTERS
 . SCINTILLATION COUNTERS
 RT CERENKOV COUNTERS
 NEUTRON COUNTERS
 PARTICLE TELESCOPES
 PHOTOMULTIPLIER TUBES
 PHOTOPEAK
 SCINTILLATING FIBERS

SCINTILLATION FIBERS

USE SCINTILLATING FIBERS

SCINTILLATORS

USE SCINTILLATION COUNTERS

SCINTILLOMETERS

USE SCINTILLATION COUNTERS

SCISSION

USE CLEAVAGE

SCOOPS

RT AIR INTAKES
 CONVEYORS
 DUCTS
 INTAKE SYSTEMS
 NOSE INLETS
 SIDE INLETS
 ∞ WATER INTAKES

SCOPOLAMINE

USE HYOSCINE

SCORE OMNIRANGE

USE SELF CALIBRATING OMNIRANGE

SCORE SATELLITE

GS ARTIFICIAL SATELLITES
 . SCORE SATELLITE

SCORING

UF SCRIBING
 RT ABRASION
 DEFECTS
 FRICTION
 PITTING
 WEAR

SCORPIO CONSTELLATION

USE SCORPIUS CONSTELLATION

SCORPIUS CONSTELLATION

UF SCORPIO CONSTELLATION
 GS CONSTELLATIONS
 . SCORPIUS CONSTELLATION
 RT ZODIAC

SCOTCHLITE (TRADEMARK)

RT MEMBRANE STRUCTURES
 REFRACTORY MATERIALS

SCOTLAND

GS NATIONS
 . UNITED KINGDOM
 . SCOTLAND
 RT EUROPE

SCOUT HELICOPTER

USE P-531 HELICOPTER

SCOUT LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . SCOUT LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . SCOUT LAUNCH VEHICLE
 RT ALGOL ENGINE
 EXPLORER 9 SATELLITE
 EXPLORER 16 SATELLITE
 EXPLORER 19 SATELLITE
 EXPLORER 20 SATELLITE
 EXPLORER 22 SATELLITE
 EXPLORER 23 SATELLITE
 EXPLORER 24 SATELLITE
 EXPLORER 25 SATELLITE
 EXPLORER 27 SATELLITE
 EXPLORER 30 SATELLITE
 EXPLORER 37 SATELLITE
 EXPLORER 39 SATELLITE
 EXPLORER 40 SATELLITE
 SAN MARCO SATELLITES
 SOLID PROPELLANT ROCKET ENGINES
 TX-354 ENGINE
 X-248 ENGINE
 X-254 ENGINE
 X-258 ENGINES
 X-259 ENGINE
 XM-33 ENGINE

SCOUT PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS

SCOUT PROJECT--(cont.)

- ... **SCOUT PROJECT**
- ... PROJECTS
- ... **SCOUT PROJECT**
- ... SPACE PROGRAMS
- ... NASA SPACE PROGRAMS
- ... **SCOUT PROJECT**
- RT ∞ BOOSTERS
- EXPLORER SATELLITES
- LAUNCH VEHICLES

SCPC TRANSMISSION

- USE SINGLE CHANNEL PER CARRIER TRANSMISSION

SCR (RECTIFIERS)

- USE SILICON CONTROLLED RECTIFIERS

∞ SCRAM

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT MISSILES
- SHUTDOWNS
- SUPERSONIC COMBUSTION RAMJET ENGINES

SCRAMBLING (COMMUNICATION)

- RT INTELLIGIBILITY
- SECURITY
- SIGNAL DISTORTION
- SIGNAL ENCODING
- VOCODERS
- VOICE COMMUNICATION

SCRAMJET ENGINES

- USE SUPERSONIC COMBUSTION RAMJET ENGINES

SCRAMJETS

- USE SUPERSONIC COMBUSTION RAMJET ENGINES

SCRAP

- RT CHIPS
- DEBRIS
- METAL PARTICLES
- WASTES

SCRAPERS

- RT CUTTERS
- FILES (TOOLS)
- HONING
- ∞ SEPARATION

SCREEN EFFECT

- RT ∞ COMA
- DIELECTRICS
- EARTH MAGNETOSPHERE
- ∞ EFFECTS
- ELECTROMAGNETIC WAVE FILTERS
- ELECTROMAGNETIC WAVE TRANSMISSION
- ELECTRON GAS
- SEMICONDUCTORS (MATERIALS)
- WAVE PROPAGATION

∞ SCREENING

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT FILTRATION
- FINES
- LOUVERS
- SELECTION
- WATER TREATMENT

∞ SCREENS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CURTAINS
- DISPLAY DEVICES
- PROTECTORS
- SHIELDING
- SIZING SCREENS
- WIRE CLOTH

SCREW DISLOCATIONS

- GS DEFECTS
- ... CRYSTAL DEFECTS
- ... CRYSTAL DISLOCATIONS
- ... **SCREW DISLOCATIONS**
- DISLOCATIONS (MATERIALS)

SCREW DISLOCATIONS--(cont.)

- ... CRYSTAL DISLOCATIONS
- ... **SCREW DISLOCATIONS**
- RT EDGE DISLOCATIONS

SCREW PINCH

- GS PINCH EFFECT
- ... PLASMA PINCH
- ... **SCREW PINCH**
- RT MAGNETIC FIELDS
- MAGNETOHYDRODYNAMIC FLOW
- PLASMA CONTROL
- REVERSE FIELD PINCH
- THETA PINCH
- ZETA PINCH

SCREWS

- SN (EXCLUDES PROPELLERS AND CRYSTAL DEFECTS)
- GS FASTENERS
- ... **SCREWS**
- RT ANCHORS (FASTENERS)
- BOLTS
- COUPLINGS
- HOLDERS
- NUTS (FASTENERS)
- STUDS (STRUCTURAL MEMBERS)
- THREADS

SCRIBING

- USE SCORING

SCRUBBERS

- RT CLEANING
- COLUMNS (PROCESS ENGINEERING)
- FLUE GASES
- WASHING

SCRUBBING

- USE WASHING

SCRUBS (BOTANY)

- USE BRUSH (BOTANY)

SCUTUM CONSTELLATION

- GS CONSTELLATIONS
- ... **SCUTUM CONSTELLATION**
- RT ZODIAC

SCYLLA

- GS PLASMA GENERATORS
- ... **SCYLLA**
- RT MAGNETIC FIELDS
- MAGNETIC MIRRORS
- MAGNETIC VARIATIONS
- PLASMAS (PHYSICS)
- THERMONUCLEAR REACTIONS

SDP (COMPUTERS)

- USE SITE DATA PROCESSORS

SDS 900 SERIES COMPUTERS

- GS DATA PROCESSING EQUIPMENT
- ... COMPUTERS
- ... DIGITAL COMPUTERS
- ... **SDS 900 SERIES COMPUTERS**
- ... SDS 930 COMPUTER

SDS 930 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- ... COMPUTERS
- ... DIGITAL COMPUTERS
- ... SDS 900 SERIES COMPUTERS
- ... **SDS 930 COMPUTER**

SDS 9300 COMPUTER

- GS DATA PROCESSING EQUIPMENT
- ... COMPUTERS
- ... DIGITAL COMPUTERS
- ... **SDS 9300 COMPUTER**

SDV

- USE SHUTTLE DERIVED VEHICLES

SE-A

- USE EXPLORER 30 SATELLITE

SE-210 AIRCRAFT

- UF CARAVELLE AIRCRAFT
- SUD AVIATION SE-210 AIRCRAFT
- GS COMMERCIAL AIRCRAFT
- ... **SE-210 AIRCRAFT**
- JET AIRCRAFT
- TURBOFAN AIRCRAFT

SE-210 AIRCRAFT--(cont.)

- ... **SE-210 AIRCRAFT**
- MONOPLANES
- ... **SE-210 AIRCRAFT**
- PASSENGER AIRCRAFT
- ... **SE-210 AIRCRAFT**
- SUD AVIATION AIRCRAFT
- ... **SE-210 AIRCRAFT**
- RT ∞ AIRCRAFT

SE-3160 HELICOPTER

- UF ALOUETTE 3 HELICOPTER
- SUD AVIATION SE-3160 HELICOPTER
- GS SUD AVIATION AIRCRAFT
- ... ALOUETTE HELICOPTERS
- ... **SE-3160 HELICOPTER**
- V/STOL AIRCRAFT
- ... ROTARY WING AIRCRAFT
- ... HELICOPTERS
- ... ALOUETTE HELICOPTERS
- ... **SE-3160 HELICOPTER**

SEA BREEZE

- GS WIND (METEOROLOGY)
- ... **SEA BREEZE**
- RT AEROLOGY
- AIR CURRENTS
- ATMOSPHERIC CIRCULATION
- BAROTROPIC FLOW
- CLIMATOLOGY
- GEOSTROPHIC WIND
- GUSTS
- MARINE ENVIRONMENTS
- METEOROLOGY
- MONSOONS
- OFFSHORE ENERGY SOURCES
- TIDAL WAVES
- WIND DIRECTION
- WIND EFFECTS
- WIND EROSION
- WIND MEASUREMENT
- WINDPOWER UTILIZATION
- WINDS ALOFT

SEA FLOOR SPREADING

- UF OCEAN FLOOR SPREADING
- RT EARTH CRUST
- EARTH MANTLE
- EARTH MOVEMENTS
- MID-OCEAN RIDGES
- OCEAN BOTTOM
- PLATES (TECTONICS)
- TECTONICS
- TERRADYNAMICS

SEA GRASSES

- GS PLANTS (BOTANY)
- ... GRASSES
- ... **SEA GRASSES**
- RT MARINE BIOLOGY
- OCEANOGRAPHY
- SEAWEEDS
- VEGETATION
- WETLANDS

SEA ICE

- UF ICE PACKS
- GS ICE
- ... **SEA ICE**
- ... ICE FLOES
- ... ICEBERGS
- ... PRESSURE ICE
- RT AIR SEA ICE INTERACTIONS
- BAY ICE
- FREEZING
- GLACIAL DRIFT
- GLACIERS
- ICE ENVIRONMENTS
- ICE FORMATION
- ICE MAPPING
- LAKE ICE
- LAND ICE
- NUNATAKS
- OCEANOGRAPHY

SEA KEEPING

- RT ATTITUDE GYROS
- DAMPING
- GYROSCOPIC STABILITY
- GYROSTABILIZERS
- MOTION STABILITY
- ∞ STABILIZERS
- TORQUERS

SEA KING HELICOPTER

USE SH-3 HELICOPTER

SEA KNIGHT HELICOPTER

USE CH-46 HELICOPTER

SEA LAUNCHING

GS LAUNCHING
 . **SEA LAUNCHING**
 RT ANTISHIP MISSILES
 ANTISHIP WARFARE
 BALLISTIC MISSILE SUBMARINES
 CATAPULTS
 DRYDOCKS
 FLEET BALLISTIC MISSILES
 MISSILE LAUNCHERS
 POSEIDON MISSILES
 ROCKET LAUNCHERS
 TORPEDOES
 WATER TAKEOFF AND LANDING
 AIRCRAFT

SEA LAW

GS LAW (JURISPRUDENCE)
 . INTERNATIONAL LAW
 . **SEA LAW**
 RT ∞ COOPERATION
 INTERNATIONAL COOPERATION
 RULES
 UNITED NATIONS

SEA LEVEL

GS ALTITUDE
 . **SEA LEVEL**
 RT OCEAN SURFACE
 OCEANOGRAPHY
 SEA STATES

SEA OF JAPAN

GS SEAS
 . **SEA OF JAPAN**
 RT ASIA

SEA OF OKHOTSK

GS SEAS
 . **SEA OF OKHOTSK**
 RT PACIFIC OCEAN
 U.S.S.R.

SEA ROUGHNESS

GS ROUGHNESS
 . **SEA ROUGHNESS**
 RT HYDRODYNAMIC COEFFICIENTS
 OCEAN MODELS
 OCEAN SURFACE
 OCEANOGRAPHY
 SURFACE WAVES
 TIDAL WAVES
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES
 TIDEPOWER
 TIDES
 TURBULENCE
 WATER CURRENTS
 WATER WAVES
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES
 WIND EFFECTS
 WIND VELOCITY

SEA STATES

RT OCEAN MODELS
 OCEAN SURFACE
 OCEAN TEMPERATURE
 OCEANOGRAPHIC PARAMETERS
 OCEANOGRAPHY
 SEA LEVEL
 TOPEX
 WATER CURRENTS
 WATER WAVES
 WIND EFFECTS

SEA SURFACE TEMPERATURE

GS OCEANOGRAPHIC PARAMETERS
 . OCEAN TEMPERATURE
 . **SEA SURFACE TEMPERATURE**
 TEMPERATURE
 . WATER TEMPERATURE
 . . OCEAN TEMPERATURE
 . . **SEA SURFACE TEMPERATURE**
 RT AIR WATER INTERACTIONS
 LAND SURFACE TEMPERATURE
 OCEAN SURFACE
 OCEANOGRAPHY

SEA SURFACE TEMPERATURE--(cont.)
SURFACE TEMPERATURE**SEA TRUTH**

RT AERIAL PHOTOGRAPHY
 COASTAL CURRENTS
 IMAGERY
 OCEAN SURFACE
 OCEAN TEMPERATURE
 PHOTOINTERPRETATION

SEA URCHINS

GS ANIMALS
 . INVERTEBRATES
 . . **SEA URCHINS**

SEA WALLS

USE BREAKWATERS

SEA WATER

GS WATER
 . **SEA WATER**
 RT BRINES
 COASTAL WATER
 FISHERIES
 MARINE RESOURCES
 NEARSHORE WATER
 OCEAN SURFACE
 OCEAN TEMPERATURE
 OCEANOGRAPHY
 RED TIDE
 SALINITY
 SEAWEEDS
 THERMOCLINES
 UNDERWATER PHOTOGRAPHY
 UNDERWATER RESOURCES
 WATER RESOURCES

SEAFARER PROJECT

UF GLOBAL COMMUNICATIONS ANTENNA
 GRID (NAVY)
 UNDERGROUND RADIO ANTENNA GRID
 (NAVY)
 GS PROGRAMS
 . PROJECTS
 . . **SEAFARER PROJECT**
 RT EXTREMELY LOW FREQUENCIES
 RADIO TRANSMISSION
 SUBMARINES
 TELECOMMUNICATION
 UNDERWATER COMMUNICATION

SEAHORSE HELICOPTER

USE UH-34 HELICOPTER

SEALANTS

USE SEALERS

SEALERS

UF SEALANTS
 RT ADHESIVES
 COATINGS
 DOPES
 FILLERS
 PACKAGING
 PACKINGS (SEALS)
 PAINTS
 SEALING
 SEALS (STOPPERS)
 SEAMS (JOINTS)
 SOLDERS
 VARNISHES

SEALING

GS **SEALING**
 . SELF SEALING
 RT ADHESION
 ADHESIVE BONDING
 BINDING
 BLOCKING
 BLOWERS
 BONDING
 BRAZING
 CAULKING
 CEMENTS
 CLAMPS
 CLOSING
 COATING
 COATINGS
 CONTAINMENT
 COVERINGS
 ENCAPSULATING
 GLANDS (SEALS)
 ∞ JOINING

SEALING--(cont.)

LINING PROCESSES
 MOISTURE RESISTANCE
 ∞ PACKING
 PACKINGS (SEALS)
 PLUGGING
 RETAINING
 RIVETING
 SEALERS
 SOLDERING
 SPRAYING
 STOPPING
 WATERPROOFING
 WELDING

SEALS (ANIMALS)

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . MARINE MAMMALS
 **SEALS (ANIMALS)**
 RT MARINE BIOLOGY

SEALS (STOPPERS)

GS **SEALS (STOPPERS)**
 . BRUSH SEALS
 . GASKETS
 . GLANDS (SEALS)
 . HERMETIC SEALS
 . LABYRINTH SEALS
 . O RING SEALS
 . PACKINGS (SEALS)
 . PLUGS
 . PUMP SEALS
 RT AIR LOCKS
 BARRIER LAYERS
 ∞ BARRIERS
 BLOCKING
 ∞ CAPS
 CLOSURES
 CONSTRUCTIONS
 CUFFS
 PLUGGING
 SEALERS
 SPHERICAL CAPS
 ∞ TAPES
 VALVES

SEAMOUNTS

RT CONTINENTAL SHELVES
 CREVASSES
 ∞ FAULTS
 FOLDS (GEOLOGY)
 ISLANDS
 LANDFORMS
 MID-OCEAN RIDGES
 OCEAN BOTTOM
 STRUCTURAL BASINS

SEAMS (JOINTS)

GS JOINTS (JUNCTIONS)
 . **SEAMS (JOINTS)**
 RT ADHESIVES
 FILLETS
 METAL JOINTS
 SEALERS

SEAPLANES

GS WATER TAKEOFF AND LANDING
 AIRCRAFT
 . **SEAPLANES**
 RT AMPHIBIOUS AIRCRAFT
 AMPHIBIOUS VEHICLES
 HULLS (STRUCTURES)
 MONOPLANES

SEARCH AND RESCUE SATELLITE

USE SARSAT

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE

USE PROJECT SETI

SEARCH PROFILES

GS SEARCHING
 . **SEARCH PROFILES**
 RT DATA RETRIEVAL
 INFORMATION RETRIEVAL
 ∞ PROFILES

SEARCH RADAR

GS RADAR
 . **SEARCH RADAR**

SEARCH RADAR--(cont.)

- .. NORTH AMERICAN SEARCH AND RANGING RADAR
- .. OVER-THE-HORIZON RADAR
- RT AIRPORT SURFACE DETECTION EQUIPMENT
- COHERENT RADAR
- CONTINUOUS WAVE RADAR
- PULSE RADAR
- RADAR DETECTION
- RADAR TRACKING
- SATELLITE-BORNE RADAR
- SIDE-LOOKING RADAR
- SURVEILLANCE RADAR
- TRACKING RADAR
- TRADEX RADAR SYSTEM

SEARCHING

- GS **SEARCHING**
- .. SEARCH PROFILES
- RT CONICAL SCANNING
- COSPAS
- PANORAMIC SCANNING
- RECONNAISSANCE
- RETRIEVAL
- SARSAT
- SCANNING
- SELECTION

SEARCHLIGHTS

- GS LIGHTING EQUIPMENT
- .. LUMINAIRES
- .. **SEARCHLIGHTS**
- RT AIRPORT LIGHTS
- ARC LAMPS
- BEACONS
- PROJECTORS
- RUNWAY LIGHTS

SEAS

- GS **SEAS**
- .. ARABIAN SEA
- .. BALTIC SEA
- .. BARENTS SEA
- .. BEAUFORT SEA (NORTH AMERICA)
- .. BERING SEA
- .. BLACK SEA
- .. CARIBBEAN SEA
- .. CASPIAN SEA
- .. CHUKCHI SEA
- .. MEDITERRANEAN SEA
- .. ADRIATIC SEA
- .. NORTH SEA
- .. RED SEA
- .. SALTON SEA (CA)
- .. SEA OF JAPAN
- .. SEA OF OKHOTSK
- RT ARCHIPELAGOES
- COASTAL CURRENTS
- COASTS
- DEEP WATER
- EARTH HYDROSPHERE
- OCEAN TEMPERATURE
- OCEANOGRAPHY
- OCEANS
- SARGASSO SEA
- SEAWEEDES
- SHALLOW WATER
- SHOALS
- STRAITS
- THERMAL POLLUTION
- UNDERWATER PHOTOGRAPHY

SEASAT PROGRAM

- GS PROGRAMS
- .. NASA PROGRAMS
- .. NASA SPACE PROGRAMS
- .. EARTH RESOURCES PROGRAM
- .. EARTH RESOURCES SURVEY PROGRAM
- .. **SEASAT PROGRAM**
- .. SPACE PROGRAMS
- .. NASA SPACE PROGRAMS
- .. EARTH RESOURCES PROGRAM
- .. EARTH RESOURCES SURVEY PROGRAM
- .. **SEASAT PROGRAM**
- RT LANDSAT SATELLITES
- OCEANOGRAPHY

SEASAT SATELLITES

- GS ARTIFICIAL SATELLITES
- .. **SEASAT SATELLITES**
- .. SEASAT 1
- .. SEASAT-B SATELLITE

SEASAT SATELLITES--(cont.)

- RT LANDSAT SATELLITES
- NASA PROGRAMS
- OCEANOGRAPHY
- PROGRAMS
- SATELLITE ALTIMETRY
- SYNCHRONOUS EARTH OBSERVATORY SATELLITE

SEASAT 1

- GS ARTIFICIAL SATELLITES
- .. SEASAT SATELLITES
- .. **SEASAT 1**
- RT LANDSAT SATELLITES
- OCEANOGRAPHY
- PROGRAMS
- SEASAT-B SATELLITE

SEASAT-B SATELLITE

- GS ARTIFICIAL SATELLITES
- .. SEASAT SATELLITES
- .. **SEASAT-B SATELLITE**
- RT LANDSAT SATELLITES
- OCEANOGRAPHY
- PROGRAMS
- SEASAT 1

SEASONAL VARIATIONS

- USE ANNUAL VARIATIONS

SEASONS

- GS **SEASONS**
- .. AUTUMN
- .. SPRING (SEASON)
- .. SUMMER
- .. WINTER
- RT ANNUAL VARIATIONS
- CLIMATOLOGY
- CROP CALENDARS
- EQUINOXES
- METEOROLOGY
- SOLAR POSITION
- SOLSTICES
- WEATHER
- WIND VARIATIONS

SEASPRITE HELICOPTER

- USE UH-2 HELICOPTER

SEAT BELTS

- GS SAFETY DEVICES
- .. **SEAT BELTS**
- RT ∞ BELTS
- HARNESSES
- SEATS

SEATS

- UF BENCHES
- CHAIRS
- GS **SEATS**
- .. BARANY CHAIR
- .. EJECTION SEATS
- .. FLYING EJECTION SEATS
- RT COMFORT
- COUCHES
- CUSHIONS
- HARNESSES
- ∞ LOUNGES
- PILLOWS
- RIDING QUALITY
- SEAT BELTS
- SITTING POSITION

SEAWEEDES

- UF KELP
- RT MARINE BIOLOGY
- OCEANOGRAPHY
- OCEANS
- SEA GRASSES
- SEA WATER
- SEAS

SEBACEOUS GLANDS

- GS ANATOMY
- .. GLANDS (ANATOMY)
- .. **SEBACEOUS GLANDS**

SEBACIC ACID

- GS ACIDS
- .. CARBOXYLIC ACIDS
- .. FATTY ACIDS
- .. **SEBACIC ACID**
- ORGANIC COMPOUNDS
- .. CARBOXYLIC ACIDS

SEBACIC ACID--(cont.)

- .. FATTY ACIDS
- .. **SEBACIC ACID**

SECONDARY BATTERIES

- USE STORAGE BATTERIES

SECONDARY COSMIC RAYS

- UF MOLIERE FORMULA
- GS IONIZING RADIATION
- .. COSMIC RAYS
- .. **SECONDARY COSMIC RAYS**
- RT ATMOSPHERIC RADIATION
- COSMIC RAY ALBEDO
- COSMIC RAY SHOWERS
- ELECTRON DECAY RATE
- ELECTRON PHOTON CASCADES
- ELECTRON PRECIPITATION
- PRIMARY COSMIC RAYS
- SINGLE EVENT UPSETS

SECONDARY EMISSION

- GS EMISSION
- .. PARTICLE EMISSION
- .. ELECTRON EMISSION
- .. **SECONDARY EMISSION**
- RT DYNODES
- ELECTRON IRRADIATION
- FIELD EMISSION
- MONOSCOPES
- MULTIPLYING DISCHARGES
- PHOTOMULTIPLIER TUBES
- SCANNING ELECTRON MICROSCOPY
- TOWNSEND AVALANCHE

SECONDARY FLOW

- GS FLUID FLOW
- .. VISCOUS FLOW
- .. BOUNDARY LAYER FLOW
- .. **SECONDARY FLOW**
- TRANSLATIONAL MOTION
- .. THREE DIMENSIONAL MOTION
- .. THREE DIMENSIONAL FLOW
- .. **SECONDARY FLOW**
- RT COMPRESSIBILITY EFFECTS
- CORNER FLOW
- THREE DIMENSIONAL BOUNDARY LAYER
- VORTICES
- VORTICITY

SECONDARY INJECTION

- GS INJECTION
- .. **SECONDARY INJECTION**
- RT FLUID INJECTION
- SHOCK WAVE CONTROL
- SHOCK WAVE PROPAGATION
- SUPERSONIC FLOW
- THRUST AUGMENTATION
- THRUST VECTOR CONTROL

SECONDARY ION MASS SPECTROMETRY

- UF SIMS (SPECTROMETRY)
- GS SPECTROSCOPY
- .. **SECONDARY ION MASS SPECTROMETRY**
- RT MASS SPECTROMETERS

SECONDARY RADAR

- GS RADAR
- .. **SECONDARY RADAR**
- RT DISCRETE ADDRESS BEACON SYSTEM
- INTERROGATION

SECONDARY WAVES

- USE S WAVES

SECRETIONS

- GS **SECRETIONS**
- .. ENDOCRINE SECRETIONS
- .. HORMONES
- .. CORTICOSTEROIDS
- .. ALDOSTERONE
- .. HYDROXYCORTICOSTEROID
- .. CORTISONE
- .. ESTROGENS
- .. HYPERTENSIN
- .. PITUITARY HORMONES
- .. ADRENOCORTICOTROPIN (ACTH)
- .. PROSTAGLANDINS
- .. THYROXINE
- .. INSULIN
- .. SWEAT
- RT BODY FLUIDS
- GALL

SECRETIONS--(cont.)

GLANDS (ANATOMY)
HYDROGEN METABOLISM
METABOLISM
MINERAL METABOLISM
SKIN (ANATOMY)

∞ SECTIONS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT CATEGORIES
CLASSES
SUBDIVISIONS
SUBSIDIARIES

∞ SECTORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT AREA
CIRCLES (GEOMETRY)
REGIONS

SECULAR PERTURBATION

USE LONG TERM EFFECTS

SECULAR VARIATIONS

GS VARIATIONS
. PERIODIC VARIATIONS
. . . **SECULAR VARIATIONS**
RT ATMOSPHERIC PHYSICS
SOLAR ACTIVITY EFFECTS
SOLAR CYCLES
TELECONNECTIONS (METEOROLOGY)

SECURITY

GS **SECURITY**
. AIRPORT SECURITY
. COMPUTER INFORMATION SECURITY
RT ∞CLASSIFYING
COMPUTER PROGRAM INTEGRITY
CRIME
INTEGRITY
POLICE
PRIVACY
SCRAMBLING (COMMUNICATION)
SELECTIVE DISSEMINATION OF
INFORMATION
VULNERABILITY

SEDATIVES

GS DRUGS
. **SEDATIVES**
RT PENTOBARBITAL
PHENOBARBITAL
PSYCHOTROPIC DRUGS
TRANQUILIZERS

SEDIMENT TRANSPORT

RT MASS FLOW
MASS TRANSFER
SEDIMENTS

SEDIMENTARY ROCKS

GS ROCKS
. **SEDIMENTARY ROCKS**
. . CARBONACEOUS ROCKS
. . . COAL
. . . . ANTHRACITE
. . . . LIGNITE
. . LIMESTONE
. . SANDSTONES
. . SHALES
RT ALLUVIUM
BRECCIA
CLAYS
DOLOMITE (MINERAL)
GYPSUM
IGNEOUS ROCKS
∞LAYERS
MONAZITE SANDS
PETROGRAPHY
SANDS
SEDIMENTS
SHATTER CONES
SOILS
STRATIGRAPHY

SEDIMENTS

UF SILTS
GS **SEDIMENTS**
. GRAVELS
. MUD

SEDIMENTS--(cont.)

. SANDS
. . MONAZITE SANDS
. . TAR SANDS
RT ALLUVIUM
CLAYS
DEPOSITION
DEPOSITS
DREDGED MATERIALS
FANS (LANDFORMS)
GLACIAL DRIFT
GRIT
LITTORAL DRIFT
MARINE CHEMISTRY
OCEAN BOTTOM
PEAT
SEDIMENT TRANSPORT
SEDIMENTARY ROCKS
SEWAGE TREATMENT
SLUDGE

SEE (SOFTWARE ENGINEERING ENVIRONMENTS)

USE PROGRAMMING ENVIRONMENTS

SEEBECK COEFFICIENT

USE SEEBECK EFFECT

SEEBECK EFFECT

UF SEEBECK COEFFICIENT
RT ∞EFFECTS
PELTIER EFFECTS
TEMPERATURE EFFECTS
THERMOCOUPLES
THERMODYNAMIC PROPERTIES
THERMOELECTRICITY
THERMOPHYSICAL PROPERTIES
TRANSPORT PROPERTIES

SEEDING (INOCULATION)

USE INOCULATION

SEEDS

RT ALFALFA
BARLEY
CITRUS TREES
CORN
EMBRYOS
FARM CROPS
GRAINS (FOOD)
NUTS (FRUITS)
OATS
PLANTING
PLANTS (BOTANY)
SUGAR BEETS
SUGAR CANE
TOMATOES
UTRICLE
VEGETABLES
VIABILITY

SEEING (ASTRONOMY)

UF ATMOSPHERIC SEEING
RT ASTRONOMICAL OBSERVATORIES
ASTRONOMY
ATMOSPHERIC EFFECTS
ATMOSPHERIC OPTICS
ATMOSPHERIC TURBULENCE
OPTICAL CORRECTION PROCEDURE
SCINTILLATION
SPACE OBSERVATIONS (FROM EARTH)
TELESCOPES
TURBULENCE EFFECTS
VISUAL OBSERVATION

SEEKERS

USE HOMING DEVICES

SEEPAGE

RT CANALS
DRAINAGE
FLOOD DAMAGE
FLOW NETS
HYDRODYNAMICS
INTRUSION
IRRIGATION
LEAKAGE
LOSSES
OFFSHORE ENERGY SOURCES
PENETRATION
PERCOLATION
PERMEABILITY
PIEZOMETERS
WATER CONSUMPTION

SEGMENTS

RT CIRCLES (GEOMETRY)
∞COMPONENTS
CURVES (GEOMETRY)
LINES (GEOMETRY)
RADII

SEGREGATION

RT ∞CHARACTERISTICS
CRACK PROPAGATION
METAL FATIGUE

SEGREGATION

USE SEPARATION

SEISMIC ENERGY

RT EARTHQUAKE DAMAGE
∞ENERGY
STRAIN ENERGY METHODS

SEISMIC WAVES

UF ELECTROSEISMIC EFFECT
GS ELASTIC WAVES
. **SEISMIC WAVES**
. . LOVE WAVES
. . MICROSEISMS
. . RAYLEIGH WAVES
RT CRUSTAL FRACTURES
DETONATION WAVES
DILATATIONAL WAVES
EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKE RESISTANCE
EARTHQUAKE RESISTANT STRUCTURES
EARTHQUAKES
GUTENBERG ZONE
LARGE APERTURE SEISMIC ARRAY
LONGITUDINAL WAVES
P WAVES
PLANETARY QUAKES
POLARIZED ELASTIC WAVES
S WAVES
SEISMOLOGY
SH WAVES
SHOCK WAVES
SURFACE WAVES
TSUNAMI WAVES
UNDERGROUND EXPLOSIONS
∞WAVES

SEISMOCARDIOGRAPHY

GS BIOENGINEERING
. BIOMETRICS
. . CARDIOGRAPHY
. . . **SEISMOCARDIOGRAPHY**
RT BALLISTOCARDIOGRAPHY
FIBRILLATION

SEISMOGRAMS

RT SEISMOGRAPHS

SEISMOGRAPHS

UF SEISMOMETERS
GS MEASURING INSTRUMENTS
. VIBRATION METERS
. . **SEISMOGRAPHS**
. . . LUNAR SEISMOGRAPHS
RECORDING INSTRUMENTS
. **SEISMOGRAPHS**
. . LUNAR SEISMOGRAPHS
RT ACCELEROMETERS
ACOUSTIC MEASUREMENT
PHASED ARRAYS
SEISMOGRAMS
SHOCK MEASURING INSTRUMENTS
TILTMETERS

SEISMOLOGY

GS **SEISMOLOGY**
. HELIOSEISMOLOGY
. MOONQUAKES
RT CRUSTAL FRACTURES
EARTH MOVEMENTS
EARTH SCIENCES
EARTHQUAKE DAMAGE
EARTHQUAKES
GEOLOGY
GEOPHYSICS
ISOSTASY
LARGE APERTURE SEISMIC ARRAY
LUNAR GEOLOGY
MID-OCEAN RIDGES
ROUSE BELTS
∞SCIENCE
SEISMIC WAVES

SEISMOLOGY--(cont.)

SUBDUCTION (GEOLOGY)
TIDAL WAVES

SEISMOMETERS

USE SEISMOGRAPHS

SEIZURES

RT CONVULSIONS
CRAMPS

SEL COMPUTERS

GS DATA PROCESSING EQUIPMENT
. COMPUTERS
. DIGITAL COMPUTERS
... SEL COMPUTERS

SELECTION

UF CHOICE
GS **SELECTION**
. PERSONNEL SELECTION
. PILOT SELECTION
. SITE SELECTION
RT CERTIFICATION
∞ CLASSIFYING
COLLECTION
DECISIONS
EVALUATION
FIGURE OF MERIT
OPTIONS
RANKING
REJECTION
SAMPLING
∞ SCREENING
SEARCHING
∞ TESTS

SELECTION RULES (NUCLEAR PHYSICS)

GS RULES
. **SELECTION RULES (NUCLEAR PHYSICS)**
RT ALPHA DECAY
EMISSION
FORBIDDEN TRANSITIONS
NEUTRON EMISSION
∞ PHYSICS
QUANTUM NUMBERS

SELECTIVE DISSEMINATION OF INFORMATION

GS COMMUNICATING
. INFORMATION DISSEMINATION
. **SELECTIVE DISSEMINATION OF INFORMATION**
RT COMPUTER INFORMATION SECURITY
DATA STORAGE
DOCUMENTATION
INDEXES (DOCUMENTATION)
INFORMATION FLOW
INFORMATION RETRIEVAL
INFORMATION SYSTEMS
LIBRARIES
MANAGEMENT PLANNING
SECURITY
TECHNOLOGY TRANSFER

SELECTIVE FADING

GS FADING
. SIGNAL FADING
. **SELECTIVE FADING**
RT FREQUENCY ANALYZERS
GROUND WAVE PROPAGATION
MODULATION
SIDE BANDS
SIGNAL FADING RATE

SELECTIVE SURFACES

UF SOLAR SELECTIVE COATINGS
RT ENERGY ABSORPTION FILMS
SELECTIVITY
SOLAR COLLECTORS
SOLAR ENERGY ABSORBERS

SELECTIVITY

RT DISCRIMINATION
PHOTOTHERMAL CONVERSION
SELECTIVE SURFACES

SELECTORS

RT ANALYZERS
CIRCUITS
ELECTRIC RELAYS
SAMPLERS
SWITCHES
SWITCHING CIRCUITS

SELENIDES

GS CHALCOGENIDES
. **SELENIDES**
. CADMIUM SELENIDES
. COPPER SELENIDES
. GALLIUM SELENIDES
. LEAD SELENIDES
. ZINC SELENIDES
SELENIUM COMPOUNDS
. **SELENIDES**
. CADMIUM SELENIDES
. COPPER SELENIDES
. GALLIUM SELENIDES
. LEAD SELENIDES
. ZINC SELENIDES

SELENIUM

GS CHEMICAL ELEMENTS
. **SELENIUM**
RT SELENIUM ISOTOPES

SELENIUM ALLOYS

GS ALLOYS
. **SELENIUM ALLOYS**
RT COPPER

SELENIUM COMPOUNDS

GS **SELENIUM COMPOUNDS**
. SELENIDES
. CADMIUM SELENIDES
. COPPER SELENIDES
. GALLIUM SELENIDES
. LEAD SELENIDES
. ZINC SELENIDES
. SELENIUM OXIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 6A COMPOUNDS

SELENIUM ISOTOPES

GS CHEMICAL ELEMENTS
. NUCLIDES
. ISOTOPES
. **SELENIUM ISOTOPES**
RT SELENIUM

SELENIUM OXIDES

GS CHALCOGENIDES
. OXIDES
. **SELENIUM OXIDES**
SELENIUM COMPOUNDS
. **SELENIUM OXIDES**

SELENOGRAPHY

RT GEOGRAPHY
LUNAR CRATERS
LUNAR CRUST
LUNAR LANDING SITES
LUNAR MAPS
LUNAR MOBILE LABORATORIES
LUNAR RAYS
LUNAR ROCKS
LUNAR TOPOGRAPHY
MOON
SELENOLOGY
SURFACE PROPERTIES

SELENOLOGY

RT ASTRONOMY
LUNAR COMPOSITION
LUNAR CORE
LUNAR CRATERS
LUNAR CRUST
LUNAR DUST
LUNAR ECHOES
LUNAR ECLIPSES
LUNAR EFFECTS
LUNAR ENVIRONMENT
LUNAR EQUATOR
LUNAR EVOLUTION
LUNAR EXPLORATION
LUNAR FAR SIDE
LUNAR FIGURE
LUNAR GEOLOGY
LUNAR GRAVITATION
LUNAR GRAVITATIONAL EFFECTS
LUNAR LIMB
LUNAR LUMINESCENCE
LUNAR MAGNETIC FIELDS
LUNAR MANTLE
LUNAR MARIA
LUNAR OCCULTATION
LUNAR PHASES
LUNAR RADAR ECHOES
LUNAR RADIATION
LUNAR ROCKS

SELENOLOGY--(cont.)

LUNAR ROTATION
LUNAR SEISMOGRAPHS
LUNAR SHADOW
LUNAR SOIL
LUNAR SURFACE
LUNAR TEMPERATURE
LUNAR TIDES
LUNAR TOPOGRAPHY
MOON
MOONQUAKES
REGOLITH
SELENOGRAPHY

SELF ABSORPTION

GS ENERGY ABSORPTION
. RADIATION ABSORPTION
. **SELF ABSORPTION**
RT ∞ ABSORPTION
ABSORPTION SPECTRA
ABSORPTIVITY
AUTOMATIC CONTROL
DIFFUSION
∞ RADIATION

SELF ADAPTIVE CONTROL SYSTEMS

GS AUTOMATIC CONTROL
. ADAPTIVE CONTROL
. **SELF ADAPTIVE CONTROL SYSTEMS**
RT ACTIVE CONTROL
ADAPTIVE OPTICS
AUTOMATA THEORY
AUTONOMY
∞ CONTROL
∞ SYSTEMS

SELF ALIGNMENT

GS ALIGNMENT
. **SELF ALIGNMENT**
AUTOMATIC CONTROL
. **SELF ALIGNMENT**
RT ACTIVE CONTROL
ADAPTIVE CONTROL
LANDING GEAR
MODEL REFERENCE ADAPTIVE
CONTROL
SERVOMECHANISMS

SELF CALIBRATING OMNIRANGE

UF SCORE OMNIRANGE
GS NAVIGATION AIDS
. BEACONS
. RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES
. **SELF CALIBRATING OMNIRANGE**
RADIO EQUIPMENT
. RADIO TRANSMITTERS
. RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES
. **SELF CALIBRATING OMNIRANGE**
TRANSMITTERS
. RADIO TRANSMITTERS
. RADIO BEACONS
. OMNIDIRECTIONAL RADIO RANGES
. **SELF CALIBRATING OMNIRANGE**
RT SOLAR COMPASSES

SELF CONSISTENT FIELDS

UF SCF
RT COMPUTATIONAL CHEMISTRY
FIELD THEORY (PHYSICS)
∞ FIELDS
HARTREE APPROXIMATION
MAGNETIC FIELDS
MOLECULAR ORBITALS
QUANTUM ELECTRODYNAMICS
SHELL THEORY

SELF DEPLOYING SPACE STATIONS

USE SELF ERECTING DEVICES
SPACE STATIONS

SELF DIFFUSION (SOLID STATE)

GS DIFFUSION
. **SELF DIFFUSION (SOLID STATE)**
RT ATOMIC MOBILITIES
IONIC DIFFUSION
MOLECULAR DIFFUSION
PARTICLE DIFFUSION

SELF ERECTING DEVICES

UF SELF DEPLOYING SPACE STATIONS
RT ∞ AUTOMATION
∞ DEVICES
∞ EQUIPMENT

SELF ERECTING DEVICES--(cont.)

INFLATABLE SPACECRAFT
INFLATABLE STRUCTURES
ORBITAL ASSEMBLY
SPACE ERECTABLE STRUCTURES

SELF EXCITATION

GS EXCITATION
RT . **SELF EXCITATION**
FORCED VIBRATION
FREE VIBRATION
OSCILLATORS
RESONATORS

SELF FOCUSING

GS FOCUSING
RT . **SELF FOCUSING**
IMAGE CONTRAST
∞ MACHINERY
OPTICAL CORRECTION PROCEDURE
OPTICAL MEASURING INSTRUMENTS

SELF INDUCED VIBRATION

GS VIBRATION
STRUCTURAL VIBRATION
RT . **SELF INDUCED VIBRATION**
PANEL FLUTTER
SUBSONIC FLUTTER
SUPERSONIC FLUTTER
TRANSONIC FLUTTER
BENDING VIBRATION
FLUTTER
FORCED VIBRATION
FREE VIBRATION
MISSILE VIBRATION
PILOT INDUCED OSCILLATION
RANDOM VIBRATION
TORSIONAL VIBRATION

SELF INITIATED ANTI-AIRCRAFT MISSILES

USE SIAM MISSILES

SELF LUBRICATING MATERIALS

RT IMPREGNATING
LUBRICATION
∞ MATERIALS
SOLID LUBRICANTS
SPACECRAFT LUBRICATION

SELF LUBRICATION

GS LUBRICATION
RT . **SELF LUBRICATION**
IMPREGNATING

SELF MANEUVERING UNITS

UF PERSONNEL PROPULSION SYSTEMS
REACTION JET BACKPACKS
SMU (MANEUVERING UNITS)
SPACE SELF MANEUVERING UNITS
GS . **SELF MANEUVERING UNITS**
IMLSS
RT ASTRONAUT MANEUVERING EQUIPMENT
EXTRAVEHICULAR ACTIVITY
EXTRAVEHICULAR MOBILITY UNITS
MANEUVERS
MANNED MANEUVERING UNITS

SELF ORGANIZING SYSTEMS

UF PERCEPTIONS
RT ARTIFICIAL INTELLIGENCE
MACHINE LEARNING
∞ SYSTEMS
TURING MACHINES

SELF OSCILLATION

GS OSCILLATIONS
RT . **SELF OSCILLATION**
FEEDBACK AMPLIFIERS
POSITIVE FEEDBACK
TRANSFER FUNCTIONS

SELF PROPAGATION

GS DIFFUSION
RT . **SELF PROPAGATION**
TRANSMISSION
∞ **SELF PROPAGATION**
PROPAGATION

SELF REGULATING

USE AUTOMATIC CONTROL

SELF REPAIRING DEVICES

RT ∞ AUTOMATION
∞ DEVICES

SELF REPAIRING DEVICES--(cont.)

MAINTENANCE

SELF SEALING

GS SEALING
RT . **SELF SEALING**
FLIGHT SAFETY
FUEL SYSTEMS
RUPTURING
SUPPORT SYSTEMS

SELF SHADOWING

RT LARGE SPACE STRUCTURES
SHADOWS
SOLAR ARRAYS

SELF STIMULATION

RT MOTIVATION
REINFORCEMENT (PSYCHOLOGY)

SELF SUBTRACTION HOLOGRAPHY

USE HOLOGRAPHIC SUBTRACTION

SELF SUSTAINED EMISSION

GS EMISSION
RT . **SELF SUSTAINED EMISSION**
ELECTRON EMISSION
LIGHT EMISSION
PARTICLE EMISSION
STIMULATED EMISSION

SELF TESTS

RT AUTOMATIC TEST EQUIPMENT
AVIONICS
CHECKOUT
ELECTRONIC EQUIPMENT TESTS
FAIL-SAFE SYSTEMS
∞ TESTS

SELSYNS (TRADEMARK)

USE SERVOMOTORS

SEM (MICROSCOPY)

USE SCANNING ELECTRON MICROSCOPY

SEMANTICS

GS LINGUISTICS
RT . **SEMANTICS**
COMMUNICATION THEORY
GRAMMARS
LANGUAGES
MESSAGE PROCESSING
MESSAGES
NATURAL LANGUAGE PROCESSING
NOMENCLATURES
ORTHOGRAPHY
PARSING ALGORITHMS
PREDICATE LOGIC
PSYCHOLINGUISTICS
SENTENCES
SPEECH
SYLLABLES
SYMBOLS
SYNTAX
WORDS (LANGUAGE)

SEMICIRCULAR CANALS

GS ANATOMY
SENSE ORGANS
EAR
LABYRINTH
RT . **SEMICIRCULAR CANALS**
EARDRUMS
MIDDLE EAR
OTOLITH ORGANS
VESTIBULES

SEMICONDUCTING FILMS

RT AMORPHOUS SEMICONDUCTORS
AMORPHOUS SILICON
DIAMOND FILMS
ENERGY ABSORPTION FILMS
∞ FILMS
SUPERCONDUCTING FILMS
THICK FILMS
THIN FILMS

SEMICONDUCTOR DEVICES

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
AVALANCHE DIODES
CRYOSAR
BARRITT DIODES

SEMICONDUCTOR DEVICES--(cont.)

CHARGE TRANSFER DEVICES
BUCKET BRIGADE DEVICES
CHARGE COUPLED DEVICES
CHARGE INJECTION DEVICES
GERMANIUM DIODES
HETEROJUNCTION DEVICES
HIGH ELECTRON MOBILITY TRANSISTORS
MODFETS
JUNCTION DIODES
MIM DIODES
STEP RECOVERY DIODES
LIGHT EMITTING DIODES
METAL OXIDE SEMICONDUCTORS
CMOS
ITO (SEMICONDUCTORS)
SOS (SEMICONDUCTORS)
MIM (SEMICONDUCTORS)
MIS (SEMICONDUCTORS)
MSM (SEMICONDUCTORS)
NDM SEMICONDUCTOR DEVICES
NEURISTORS
PARAMETRIC DIODES
PHOTODIODES
PHOTOVOLTAIC CELLS
SOLAR CELLS
VERTICAL JUNCTION SOLAR CELLS
SCHOTTKY DIODES
SEMICONDUCTOR LASERS
ALUMINUM GALLIUM ARSENIDE LASERS
GALLIUM ARSENIDE LASERS
SOI (SEMICONDUCTORS)
THERMISTORS
THYRISTORS
SILICON CONTROLLED RECTIFIERS
TRANSFERRED ELECTRON DEVICES
TRANSISTOR AMPLIFIERS
TRANSISTORS
BIPOLAR TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
JFET
MODFETS
HIGH ELECTRON MOBILITY TRANSISTORS
MODFETS
JUNCTION TRANSISTORS
JFET
PHOTOTRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
TRAPATT DEVICES
VARACTOR DIODES
VARISTORS
BARRIER LAYERS
BUBBLE TECHNIQUE
CHIPS (MEMORY DEVICES)
CRYSTAL RECTIFIERS
DIFFUSION ELECTRODES
DIFFUSION LENGTH DIODES
GUNN DIODES
GUNN EFFECT
HALL EFFECT
HYBRID CIRCUITS
ION IMPLANTATION
∞ JUNCTIONS
MICROMINIATURIZATION
MODULATION DOPING
MOLECULAR ELECTRONICS
ORGANIC SEMICONDUCTORS
OSCILLATORS
PARAMETRIC AMPLIFIERS
PENTODES
RECTIFIERS
SEMICONDUCTORS (MATERIALS)
SILICON FILMS
TETRODES
TRIODES
TUNNEL JUNCTIONS
WAFERS

SEMICONDUCTOR DIODES

GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
AVALANCHE DIODES
BARRITT DIODES
GERMANIUM DIODES
GUNN DIODES
JUNCTION DIODES
LIGHT EMITTING DIODES

SEMICONDUCTOR DIODES--(cont.)

... PARAMETRIC DIODES
 ... PHOTODIODES
 ... SCHOTTKY DIODES
 ... TUNNEL DIODES
 ... VARACTOR DIODES
 RT MIM DIODES
 SIS (SEMICONDUCTORS)
 THERMIONIC DIODES

SEMICONDUCTOR INSULATOR SEMICONDUCTORS

USE SIS (SEMICONDUCTORS)

SEMICONDUCTOR JUNCTIONS**GS SEMICONDUCTOR JUNCTIONS**

... HETEROJUNCTIONS
 ... HOMOJUNCTIONS
 ... MBM JUNCTIONS
 ... N-N JUNCTIONS
 ... N-P-N JUNCTIONS
 ... P-I-N JUNCTIONS
 ... P-N JUNCTIONS
 ... P-N-P JUNCTIONS
 ... P-N-P-N JUNCTIONS
 ... SILICON JUNCTIONS
 RT BARRITT DIODES
 HETEROJUNCTION DEVICES
 ∞ JUNCTIONS
 MSM (SEMICONDUCTORS)
 N-TYPE SEMICONDUCTORS
 P-TYPE SEMICONDUCTORS
 SCHOTTKY DIODES
 SIS (SEMICONDUCTORS)
 THRESHOLD VOLTAGE
 TUNNEL JUNCTIONS

SEMICONDUCTOR LASERS

UF LASER DIODES
 GS ELECTRONIC EQUIPMENT
 ... SOLID STATE DEVICES
 ... SEMICONDUCTOR DEVICES
 ... **SEMICONDUCTOR LASERS**
 ... ALUMINUM GALLIUM ARSENIDE LASERS
 ... GALLIUM ARSENIDE LASERS
 ... STIMULATED EMISSION DEVICES
 ... LASERS
 ... **SEMICONDUCTOR LASERS**
 ... ALUMINUM GALLIUM ARSENIDE LASERS
 ... GALLIUM ARSENIDE LASERS
 ... YLF LASERS
 RT DBR LASERS
 DISTRIBUTED FEEDBACK LASERS
 GADOLINIUM-GALLIUM GARNET
 GALLIUM ARSENIDES
 GUNN EFFECT
 INJECTION LASERS
 LASER ARRAYS
 LASER CAVITIES
 OPTICAL SWITCHING
 PULSED LASERS
 Q SWITCHED LASERS
 SOLID STATE LASERS
 SURFACE EMITTING LASERS
 WAVEGUIDE LASERS

SEMICONDUCTOR PLASMAS

GS PARTICLES
 ... CHARGED PARTICLES
 ... ENERGETIC PARTICLES
 ... PLASMAS (PHYSICS)
 ... **SEMICONDUCTOR PLASMAS**
 RT ELECTRON MOBILITY
 ELECTRON-HOLE DROPS
 HOLES (ELECTRON DEFICIENCIES)
 PLASMA PHYSICS
 SEMICONDUCTORS (MATERIALS)

SEMICONDUCTORS (MATERIALS)

GS **SEMICONDUCTORS (MATERIALS)**
 ... ACCEPTOR MATERIALS
 ... AMORPHOUS SEMICONDUCTORS
 ... AMORPHOUS SILICON
 ... DONOR MATERIALS
 ... METAL OXIDE SEMICONDUCTORS
 ... CMOS
 ... ITO (SEMICONDUCTORS)
 ... SOS (SEMICONDUCTORS)
 ... METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 ... METAL-NITRIDE-OXIDE-SILICON
 ... MIM (SEMICONDUCTORS)
 ... MIS (SEMICONDUCTORS)
 ... MOM (SEMICONDUCTORS)

SEMICONDUCTORS (MATERIALS)--(cont.)

... N-TYPE SEMICONDUCTORS
 ... ORGANIC SEMICONDUCTORS
 ... P-TYPE SEMICONDUCTORS
 ... PHOTOCONDUCTORS
 ... SUPERLATTICES
 ... VYCOR
 RT ALUMINUM ARSENIDES
 BIPOLAR TRANSISTORS
 BUCKET BRIGADE DEVICES
 CARRIER DENSITY (SOLID STATE)
 CARRIER INJECTION
 CHARGE INJECTION DEVICES
 CONDUCTING POLYMERS
 CONDUCTION BANDS
 CONDUCTORS
 ELECTRIC CONDUCTORS
 ELECTRON AFFINITY
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON TUNNELING
 ELECTRONS
 EMITTERS
 EXCITONS
 GADOLINIUM-GALLIUM GARNET
 GALLIUM NITRIDES
 HOLE DISTRIBUTION (ELECTRONICS)
 HOLES (ELECTRON DEFICIENCIES)
 INDIUM ANTIMONIDES
 INDIUM GALLIUM ARSENIDES
 INDIUM TELLURIDES
 INTERMETALLICS
 MAJORITY CARRIERS
 ∞ MATERIALS
 MELTS (CRYSTAL GROWTH)
 METALLOIDS
 MINORITY CARRIERS
 MODULATION DOPING
 NEGATIVE ELECTRON AFFINITY
 ORGANIC CHARGE TRANSFER SALTS
 POLYACETYLENE
 PSEUDOPOTENTIALS
 RESISTORS
 SCREEN EFFECT
 SEMICONDUCTOR DEVICES
 SEMICONDUCTOR PLASMAS
 ∞ SOLID STATE PHYSICS
 THERMOELECTRIC MATERIALS

SEMIEMPIRICAL EQUATIONS

RT ALGEBRA
 ∞ EQUATIONS
 PARAMETERIZATION

SEMIMETALS

USE METALLOIDS

SEMIREGULAR VARIABLE STARS

GS CELESTIAL BODIES
 ... STARS
 ... VARIABLE STARS
 ... **SEMIREGULAR VARIABLE STARS**
 RT IRREGULAR VARIABLE STARS
 PERIODIC VARIATIONS

SEMISOLIDS

RT PLASTIC PROPERTIES
 THIXOTROPY
 VISCOUS FLUIDS

SEMISPAN MODELS

GS MODELS
 ... **SEMISPAN MODELS**
 RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT MODELS
 SCALE MODELS
 WIND TUNNEL MODELS

SENARMONT POLARISCOPES

GS MEASURING INSTRUMENTS
 ... POLARISCOPES
 ... **SENARMONT POLARISCOPES**
 ... OPTICAL EQUIPMENT
 ... POLARISCOPES
 ... **SENARMONT POLARISCOPES**
 RT LASERS
 OPTICAL MEASURING INSTRUMENTS

SENDERS

USE TRANSMITTERS

SENECA AIRCRAFT

USE PA-34 SENECA AIRCRAFT

SENEGAL

GS NATIONS
 ... **SENEGAL**
 RT AFRICA

SENSE ORGANS

GS ANATOMY
 ... **SENSE ORGANS**
 ... BARORECEPTORS
 ... CHEMORECEPTORS
 ... EAR
 ... EARDRUMS
 ... EUSTACHIAN TUBES
 ... LABYRINTH
 ... COCHLEA
 ... CORTI ORGAN
 ... OTOLITH ORGANS
 ... SEMICIRCULAR CANALS
 ... VESTIBULES
 ... MIDDLE EAR
 ... EYE (ANATOMY)
 ... CHOROID MEMBRANES
 ... CONJUNCTIVA
 ... CORNEA
 ... OCULOMOTOR NERVES
 ... PUPILS
 ... RETINA
 ... FOVEA
 ... GRAVIRECEPTORS
 ... OTOLITH ORGANS
 ... MECHANORECEPTORS
 ... PHOTORECEPTORS
 ... PROPRIOCEPTORS
 ... THERMORECEPTORS
 RT FINGERS
 HEAD (ANATOMY)
 NERVOUS SYSTEM
 OLFACTORY PERCEPTION
 ORGANS
 PERCEPTUAL TIME CONSTANT
 RECEPTORS (PHYSIOLOGY)
 SENSITOMETRY
 SKIN (ANATOMY)

SENSES

USE SENSORY PERCEPTION

SENSIBILITY

USE SENSITIVITY

SENSING

USE DETECTION

SENSITIVITY

UF INSENSITIVITY
 SENSIBILITY
 GS **SENSITIVITY**
 ... ANAPHYLAXIS
 ... IMPACT RESISTANCE
 ... NOTCH SENSITIVITY
 ... PAIN SENSITIVITY
 ... PHOTSENSITIVITY
 ... LIGHT ADAPTATION
 ... PHOTOTROPISM
 ... PROPELLANT SENSITIVITY
 ... RADIATION TOLERANCE
 ... SENSITOMETRY
 ... SPECTRAL SENSITIVITY
 RT ACUITY
 ADAPTATION
 AMPLIFICATION
 AUDITORY PERCEPTION
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 ∞ FREQUENCY RESPONSE
 ITCHING
 PERCEPTION
 PRECISION
 RANGE (EXTREMES)
 REACTION TIME
 ∞ RESISTANCE
 RESOLUTION
 SENSITIZING
 SHOCK RESISTANCE
 ∞ THRESHOLDS
 THRESHOLDS (PERCEPTION)
 TOLERANCES (MECHANICS)
 TRANSFER FUNCTIONS
 TRANSIENT RESPONSE
 VISIBILITY
 VULNERABILITY

SENSITIZING

RT ACTIVATION
 ACTUATION

SENSITIZING--(cont.)

ANAPHYLAXIS
CORROSION PREVENTION
SENSITIVITY

SENSITOMETRY

GS SENSITIVITY
RT **SENSITOMETRY**
GRAVIRECEPTORS
MECHANORECEPTORS
PHOTORECEPTORS
PHOTOSENSITIVITY
PROPIOCEPTORS
RADIATION MEASUREMENT
RECEPTORS (PHYSIOLOGY)
SENSE ORGANS
THERMORECEPTORS

SENSORIMOTOR PERFORMANCE

GS **SENSORIMOTOR PERFORMANCE**
PSYCHOMOTOR PERFORMANCE
PSYCHOSOMATICS
RT AFFERENT NERVOUS SYSTEMS
Efferent Nervous Systems
HUMAN PERFORMANCE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
REACTION TIME
SENSORY FEEDBACK

∞ SENSORS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF PICKOFFS
PICKUPS
RT BIOINSTRUMENTATION
CHARACTER RECOGNITION
CHARGE FLOW DEVICES
CONTOUR SENSORS
CROP IDENTIFICATION
DATA ACQUISITION
ELECTRONIC TRANSDUCERS
FLIR DETECTORS
GAS DETECTORS
GUIDANCE SENSORS
IMAGE VELOCITY SENSORS
LASER GYROSCOPES
MEASURING INSTRUMENTS
MICROWAVE SENSORS
MULTISPECTRAL LINEAR ARRAYS
REMOTE SENSORS
ROBOT SENSORS
SERVOMOTORS
TACTILE SENSORS (ROBOTICS)
TORQUE SENSORS (ROBOTICS)
TRANSDUCERS

SENSORY DEPRIVATION

GS DEPRIVATION
RT **SENSORY DEPRIVATION**
CONFINEMENT
CONFINING
MONOTONY
PERCEPTION

SENSORY DISCRIMINATION

GS DISCRIMINATION
RT **SENSORY DISCRIMINATION**
BRIGHTNESS DISCRIMINATION
TACTILE DISCRIMINATION
VISUAL DISCRIMINATION
RT SPEECH RECOGNITION
TIME DISCRIMINATION

SENSORY FEEDBACK

UF FEELINGS
GS FEEDBACK
BIOFEEDBACK
RT **SENSORY FEEDBACK**
EMOTIONAL FACTORS
EMOTIONS
MOODS
MOON ILLUSION
NONLINEAR FEEDBACK
PERCEPTION
SENSORIMOTOR PERFORMANCE

SENSORY PERCEPTION

UF SENSES
GS PERCEPTION
RT **SENSORY PERCEPTION**
AUDITORY PERCEPTION

SENSORY PERCEPTION--(cont.)

CONSCIOUSNESS
EXTRASENSORY PERCEPTION
KINESTHESIA
OLFACTORY PERCEPTION
PAIN
PAIN SENSITIVITY
PROPRIOCEPTION
AUTOKINESIS
TASTE
TOUCH
TACTILE DISCRIMINATION
VERTICAL PERCEPTION
VIBRATION PERCEPTION
VISUAL PERCEPTION
CRITICAL FLICKER FUSION
SPACE PERCEPTION
AUTOKINESIS
VISUAL DISCRIMINATION
RT AFTERIMAGES
ANESTHESIA
ELECTROGUTANEOUS COMMUNICATION
ITCHING

SENSORY STIMULATION

GS STIMULATION
RT **SENSORY STIMULATION**
CHRONAXY
EMOTIONAL FACTORS
SUBLIMINAL STIMULI

SENTENCES

GS LANGUAGES
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
LINGUISTICS
SYNTAX
SENTENCES
WORDS (LANGUAGE)
SYLLABLES
RT COMMUNICATION THEORY
MESSAGES
SEMANTICS
SIGNAL RECEPTION
SIGNAL TRANSMISSION
SPEECH
TALKING

SENTINEL SYSTEM

GS WEAPON SYSTEMS
SENTINEL SYSTEM
RT ANTIMISSILE DEFENSE
ANTIMISSILE MISSILES
CIVIL DEFENSE
NIKE MISSILES
SAFEGUARD SYSTEM
SPARTAN MISSILE
SPRINT MISSILE
SURFACE TO AIR MISSILES
∞ SYSTEMS

SEO (INDIAN SPACECRAFT)

USE INDIAN SPACECRAFT

SEOCs (SATELLITE)

GS ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
SEOCs (SATELLITE)

SEOS

USE SYNCHRONOUS EARTH OBSERVATORY
SATELLITE

SEPAC (PAYLOAD)

UF SPACE EXPER WITH PARTICLE
ACCELERATORS
GS PAYLOADS
SEPAC (PAYLOAD)
RT ∞ ACCELERATORS
PARTICLE ACCELERATORS
SPACELAB

SEPARATED FLOW

UF FLOW SEPARATION
GS FLUID FLOW
VISCOUS FLOW
BOUNDARY LAYER FLOW
SEPARATED FLOW
BOUNDARY LAYER SEPARATION
RT CAVITATION FLOW
CONICAL FLOW
CROCCO-LEE THEORY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION

SEPARATED FLOW--(cont.)

REATTACHED FLOW
REVERSED FLOW
∞ SEPARATION
SURFACE ROUGHNESS EFFECTS
TURBULENCE EFFECTS
VORTEX FLAPS

∞ SEPARATION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF SEGREGATION
RT ADSORPTION
AERATION
AGGLOMERATION
AGITATION
BENEFICIATION
BOUNDARY LAYER SEPARATION
BREAKING
CENTRIFUGING
CHEMICAL FRACTIONATION
CHIPPING
CLASSIFIERS
CLEANING
COAGULATION
COALESCING
COANDA EFFECT
COLLOIDS
CONCENTRATING
CONDENSING
CRYSTALLIZATION
CUTTING
DEBONDING (MATERIALS)
DECONTAMINATION
DEGASSING
DEHUMIDIFICATION
DEHYDRATION
DEIONIZATION
DELAMINATING
DEMINERALIZING
DEOXYGENATION
DEPOSITION
DESCALING
DESORPTION
DIALYSIS
DIFFUSION
DISPERSING
DISSOLVING
DISTILLATION
DIVERTERS
∞ DIVISION
DRYING
ELECTRODIALYSIS
ELECTROSTATIC PRECIPITATORS
ELIMINATION
ELUTION
EVAPORATION
EXCHANGING
EXCLUSION
EXTERNAL STORE SEPARATION
EXTRACTION
FILTRATION
FLAKING
FLASHING (VAPORIZING)
FLOTATION
FLUSHING
FOAMING
FRACTIONATION
FRACTURING
HOMOGENIZING
ION EXCHANGING
ION EXTRACTION
ION STRIPPING
ISOLATION
LEACHING
MATERIALS RECOVERY
MELTING
MIXING
OSMOSIS
PERCOLATION
PHASE SEPARATION (MATERIALS)
POLARIZATION (CHARGE SEPARATION)
PRECIPITATION (CHEMISTRY)
PURGING
PURIFICATION
RADIOCHEMICAL SEPARATION
RECRYSTALLIZATION
REFINING
REMOVAL
SCRAPERS
SEPARATED FLOW
SEPARATORS
SETTLING
SHAKING
SHEARING

SEPARATION--(cont.)

SIZE SEPARATION
SLICING
SOLVENT EXTRACTION
SORPTION
SPACING
SPLITTING
SPREADING
STAGE SEPARATION
STRIPPING (DISTILLATION)
SUBLIMATION
SWIRLING
THERMAL DIFFUSION
THERMOPHORESIS
TUMBLING MOTION
VAPORIZING
VENTING
WASHING
ZONE MELTING

SEPARATORS

UF BATTERY SEPARATORS
GS **SEPARATORS**
.. CLASSIFIERS
.. SIZING SCREENS
.. THICKENERS (EQUIPMENT)
.. DIVIDERS
.. DRYING APPARATUS
.. DESICCATORS
.. DUST COLLECTORS
.. EVAPORATORS
.. FLUID FILTERS
.. AIR FILTERS
.. PRECIPITATORS
.. ELECTROSTATIC PRECIPITATORS
.. SIEVES
.. SPIRALS (CONCENTRATORS)
.. STILLs
RT CENTRIFUGES
CLEANERS
COLUMNS (PROCESS ENGINEERING)
CONCENTRATING
CONCENTRATORS
CONDENSERS (LIQUEFIERS)
CURTAINS
∞ DIFFUSERS
DIVERTERS
∞ FILTERS
FLOATS
FLUIDIZED BED PROCESSORS
FURNACES
ION EXCHANGE MEMBRANE
ELECTROLYTES
MIXERS
∞ SEPARATION
SHAKERS
SPACERS
TRAPS
VAPORIZERS
WASHERS (CLEANERS)
WASHERS (SPACERS)
WINDOWS (APERTURES)

SEPTUM

RT MEDIASTINUM
MEMBRANES
∞ PARTITIONS

SEQUENCING

RT CONSECUTIVE EVENTS
COORDINATION
CRITICAL PATH METHOD
INTERRUPTION
∞ OPERATIONS
OPERATIONS RESEARCH
PACKET SWITCHING
PETRI NETS
PLANNING
PRIORITIES
RANKING
SCHEDULING
SEQUENTIAL CONTROL
SWITCHING
SWITCHING THEORY
TURNAROUND (STS)

SEQUENTIAL ANALYSIS

GS STATISTICAL ANALYSIS
.. **SEQUENTIAL ANALYSIS**
RT QUALITY CONTROL
SAMPLING

SEQUENTIAL COMPUTERS

GS DATA PROCESSING EQUIPMENT
.. COMPUTERS

SEQUENTIAL COMPUTERS--(cont.)

.. DIGITAL COMPUTERS
.. **SEQUENTIAL COMPUTERS**

SEQUENTIAL CONTROL

GS AUTOMATIC CONTROL
.. **SEQUENTIAL CONTROL**
RT ACCURACY
COMPUTER PROGRAMMING
CONSECUTIVE EVENTS
∞ CONTROL
DATA FLOW ANALYSIS
NUMERICAL CONTROL
SEQUENCING

SERGEANT MISSILES

GS MISSILES
.. SURFACE TO SURFACE MISSILES
.. **SERGEANT MISSILES**
RT JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES

SERGENIUM

GS CHEMICAL ELEMENTS
.. ACTINIDE SERIES
.. TRANSURANIUM ELEMENTS
.. **SERGENIUM**
.. NUCLIDES
.. ISOTOPES
.. RADIOACTIVE ISOTOPES
.. TRANSURANIUM ELEMENTS
.. **SERGENIUM**
METALS
.. ACTINIDE SERIES
.. TRANSURANIUM ELEMENTS
.. **SERGENIUM**

SERIES (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
.. CALCULUS
.. **SERIES (MATHEMATICS)**
.. ASYMPTOTIC SERIES
.. CAMPBELL-HAUSDORFF SERIES
.. COSINE SERIES
.. FOURIER SERIES
.. PADE APPROXIMATION
.. POWER SERIES
.. TAYLOR SERIES
.. MACLAURIN SERIES
.. PROGRESSIONS
.. PRONY SERIES
.. SINE SERIES
.. REAL VARIABLES
.. **SERIES (MATHEMATICS)**
.. ASYMPTOTIC SERIES
.. CAMPBELL-HAUSDORFF SERIES
.. COSINE SERIES
.. FOURIER SERIES
.. PADE APPROXIMATION
.. POWER SERIES
.. TAYLOR SERIES
.. MACLAURIN SERIES
.. PROGRESSIONS
.. PRONY SERIES
.. SINE SERIES
RT ABEL FUNCTION
CHEBYSHEV APPROXIMATION
DIVERGENCE
FORM FACTORS
FOURIER-BESSEL TRANSFORMATIONS
FUNCTION SPACE
FUNCTIONAL ANALYSIS
GIBBS PHENOMENON
INFINITY
SERIES EXPANSION
SUMS

SERIES EXPANSION

GS EXPANSION
.. **SERIES EXPANSION**
RT ASYMPTOTIC SERIES
DIVERGENCE
∞ MATHEMATICS
SERIES (MATHEMATICS)

SEROTONIN

GS AMINES
.. TRYPTAMINES
.. **SEROTONIN**
DRUGS
.. VASOCONSTRICTOR DRUGS
.. **SEROTONIN**

SEROTONIN--(cont.)

ORGANIC COMPOUNDS
.. **SEROTONIN**

SERPENTINE

GS MINERALS
.. **SERPENTINE**
RT ASBESTOS
CHROMITES
ROCKS
SOILS

SERRATIA

GS MICROORGANISMS
.. BACTERIA
.. **SERRATIA**

SERT (ROCKET TESTS)

USE SPACE ELECTRIC ROCKET TESTS

SERT 1 SPACECRAFT

RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES
ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
∞ SPACECRAFT

SERT 2 SPACECRAFT

RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES
ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
∞ SPACECRAFT

SERUMS

GS **SERUMS**
.. INOCULUM
RT ANTISERUMS
∞ FLUIDS
PROTEINS

SERVICE LIFE

UF MACHINE LIFE
GS LIFE (DURABILITY)
.. **SERVICE LIFE**
RT ACCELERATED LIFE TESTS
∞ EQUIPMENT
FATIGUE LIFE
MAINTENANCE
RETIREMENT FOR CAUSE

SERVICE MODULES

GS MODULES
.. **SERVICE MODULES**
SPACECRAFT COMPONENTS
.. **SERVICE MODULES**
RT APOLLO SPACECRAFT
COMMAND MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES

SERVICES

GS **SERVICES**
.. MEDICAL SERVICES
.. METEOROLOGICAL SERVICES
RT ∞ FOOD
GOVERNMENT PROCUREMENT
INVENTORY MANAGEMENT
LOGISTICS
LOGISTICS MANAGEMENT
MATERIALS HANDLING
PERSONNEL
PROCUREMENT
PROCUREMENT MANAGEMENT
PRODUCTS
SITE SELECTION
SUPPORT SYSTEMS
TRANSPORTATION
UTILITIES

SERVOAMPLIFIERS

GS AMPLIFIERS
.. **SERVOAMPLIFIERS**
CONTROL EQUIPMENT
.. **SERVOAMPLIFIERS**
CONTROLLERS
.. SERVOMECHANISMS
.. **SERVOAMPLIFIERS**
RT FEEDBACK AMPLIFIERS
FLY BY TUBE CONTROL
SERVOCONTROL

SERVOCONTROL

UF SERVOSTABILITY CONTROL

SERVOCONTROL--(cont.)

RT AEROSERVOELASTICITY
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
∞CONTROL
CONTROL MOMENT GYROSCOPES
CONTROL THEORY
DIGITAL COMMAND SYSTEMS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
MANIPULATORS
MANUAL CONTROL
OFF-ON CONTROL
PNEUMATIC EQUIPMENT
PROPORTIONAL CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SERVOAMPLIFIERS
SERVOMECHANISMS
SERVOMOTORS
STEPPING MOTORS
TURBOJET ENGINE CONTROL
VISUAL CONTROL

SERVOMECHANISMS

GS CONTROLLERS
. **SERVOMECHANISMS**
.. SERVOAMPLIFIERS
.. SERVOAMPLIFIERS
.. SERVOAMPLIFIERS
RT ACTIVE CONTROL
ACTUATORS
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
∞AUTOMATION
∞CONTROL
CONTROL MOMENT GYROSCOPES
ELECTRIC MOTORS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT
RADAR EQUIPMENT
REMOTE CONTROL
ROBOTS
SELF ALIGNMENT
SERVOCONTROL
STEPPING MOTORS
TACTILE SENSORS (ROBOTICS)
TORQUE SENSORS (ROBOTICS)

SERVOMOTORS

UF MAGNESYN (TRADEMARK)
SELSYNS (TRADEMARK)
SERVOS
GS CONTROLLERS
. **SERVOMECHANISMS**
.. **SERVOMOTORS**
MOTORS
RT **SERVOMOTORS**
ACTUATORS
AMPLIDYNES
AUTOMATIC CONTROL
ELECTRIC MOTORS
HELIOSTATS
∞ROTATING ELECTRICAL MACHINES
∞SENSORS
SERVOCONTROL
SLEWING
SYNCHRONIZERS
TORQUE MOTORS

SERVOS

USE SERVOMOTORS

SERVOSTABILITY CONTROL

USE SERVOCONTROL

SES

USE SURFACE EFFECT SHIPS

SES (SHUTTLE)

USE SHUTTLE ENGINEERING SIMULATOR

SET

SN (EXCLUDES SET THEORY)
GS MECHANICAL PROPERTIES
. **SET**
RT DEFORMATION
SHEAR PROPERTIES

SET THEORY

UF SUBSETS (MATHEMATICS)
GS MATHEMATICAL LOGIC
. **SET THEORY**
.. BOREL SETS

SET THEORY--(cont.)

.. EQUIVALENCE
.. THRESHOLD LOGIC
RT BOOLEAN ALGEBRA
BRANCHING (MATHEMATICS)
COMBINATORIAL ANALYSIS
∞CONJUNCTION
FIBONACCI NUMBERS
FRACTALS
FUZZY SETS
FUZZY SYSTEMS
GRAPH THEORY
HOMOTROPY
HYPERPLANES
LATTICES (MATHEMATICS)
LEBESGUE THEOREM
ORLICZ SPACE
PERMUTATIONS
∞SPACE
SUBDIVISIONS
SUBGROUPS
∞THEORIES

SETI

USE PROJECT SETI

∞ SETTING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ADJUSTING
COAGULATION
CURING
HARDENING (MATERIALS)
POLYMERIZATION
POSITIONING
SOLIDIFICATION

SETTLING

RT ACCUMULATIONS
AGGLOMERATION
AGITATION
BENEFICIATION
COAGULATION
COALESCING
CONCENTRATING
CRYSTALLIZATION
DEPOSITION
EFFLUENTS
FLOCCULATING
FLOTATION
PARTICLE MOTION
PRECIPITATION (CHEMISTRY)
∞PROCESSING
∞SEPARATION
SIZE SEPARATION
STOKES LAW (FLUID MECHANICS)
SUBSIDENCE
WATER TREATMENT

SETUPS

RT MACHINING
TOOLING

SEVERE STORMS OBSERVING SATELLITE

USE STORMSAT SATELLITE

SEWAGE

GS WASTES
. **SEWAGE**
.. SOLID WASTES
RT ACTIVATED SLUDGE
EFFLUENTS
ENVIRONMENT EFFECTS
HUMAN WASTES
LIQUID WASTES
METABOLIC WASTES
ORGANIC WASTES (FUEL CONVERSION)
SEWERS
WASTE DISPOSAL
WATER TREATMENT

SEWAGE TREATMENT

GS WASTE TREATMENT
. **SEWAGE TREATMENT**
RT AEROBES
ANAEROBES
CHEMICAL STERILIZATION
FILTRATION
MODULAR INTEGRATED UTILITY SYSTEM
PURIFICATION
SEDIMENTS
SLUDGE
∞TREATMENT
WASTE DISPOSAL

SEWERS

GS PIPELINES
. **SEWERS**
RT DRAINAGE
EFFLUENTS
GARBAGE
HUMAN WASTES
METABOLIC WASTES
SANITATION
SEWAGE
WASTE DISPOSAL
WASTES

SEWING

RT BINDING
∞JOINING
NEEDLES
WEAVING

SEX

RT ∞DRIVES
FEMALES
MALES
SEX FACTOR

SEX FACTOR

RT FEMALES
MALES
PHYSIOLOGICAL FACTORS
PSYCHOLOGICAL FACTORS
SEX
SEX GLANDS

SEX GLANDS

GS ANATOMY
. GENITOURINARY SYSTEM
.. REPRODUCTIVE SYSTEMS
... **SEX GLANDS**
.... GONADS
..... OVARIES
..... TESTES
..... PROSTATE GLAND
.. GLANDS (ANATOMY)
.. **SEX GLANDS**
... GONADS
... OVARIES
... TESTES
... PROSTATE GLAND
RT ESTROGENS
REPRODUCTION (BIOLOGY)
SEX FACTOR

SEXTANTS

GS MEASURING INSTRUMENTS
. OPTICAL MEASURING INSTRUMENTS
.. **SEXTANTS**
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
.. **SEXTANTS**
RT NAVIGATION AIDS
POSITION INDICATORS
STADIMETERS
THEODOLITES
TRANSITS

SEYCHELLES

GS LANDFORMS
. ISLANDS
.. **SEYCHELLES**
NATIONS
.. **SEYCHELLES**
RT AFRICA
INDIAN OCEAN

SEYFERT GALAXIES

GS CELESTIAL BODIES
. GALAXIES
.. ACTIVE GALAXIES
... **SEYFERT GALAXIES**
RT ACTIVE GALACTIC NUCLEI
BLAZARS
GALACTIC NUCLEI
INFRARED RADIATION
LINE SPECTRA
LUMINOUS INTENSITY
MARKARIAN GALAXIES
SPIRAL GALAXIES
STELLAR SPECTRA
ULTRAVIOLET RADIATION

SFAR

USE SOUND FIXING AND RANGING

SFERICS

USE ATMOSPHERICS

SGEMP

USE SYSTEM GENERATED
ELECTROMAGNETIC PULSES

SGR (NUCLEAR REACTORS)

USE SODIUM GRAPHITE REACTORS

SH WAVES

UF HORIZONTALLY POLARIZED SHEAR
WAVES
GS ELASTIC WAVES
. S WAVES
. SH WAVES
RT NONDESTRUCTIVE TESTS
SEISMIC WAVES
TRANSVERSE WAVES
ULTRASONIC TESTS
∞ WAVES

SH-3 HELICOPTER

UF HSS-2 HELICOPTER
SEA KING HELICOPTER
SIKORSKY HSS-2 HELICOPTER
GS ANTISUBMARINE WARFARE AIRCRAFT
. SH-3 HELICOPTER
SIKORSKY AIRCRAFT
. SH-3 HELICOPTER
TRANSPORT AIRCRAFT
. SH-3 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
. HELICOPTERS
. MILITARY HELICOPTERS
. SH-3 HELICOPTER
RT S-61 HELICOPTER
SH-4 HELICOPTER

SH-4 HELICOPTER

GS ANTISUBMARINE WARFARE AIRCRAFT
. SH-4 HELICOPTER
SIKORSKY AIRCRAFT
. SH-4 HELICOPTER
TRANSPORT AIRCRAFT
. SH-4 HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
. HELICOPTERS
. MILITARY HELICOPTERS
. SH-4 HELICOPTER
RT S-61 HELICOPTER
SH-3 HELICOPTER

SHACKLETON BOMBER

GS ATTACK AIRCRAFT
. BOMBER AIRCRAFT
. SHACKLETON BOMBER
HAWKER SIDDELEY AIRCRAFT
. SHACKLETON BOMBER
MONOPLANES
. SHACKLETON BOMBER

SHADES

RT LOUVERS
SHIELDING
∞ SHUTTERS

SHADOWGRAPH PHOTOGRAPHY

UF SHADOWGRAPHS
SPARK SHADOWGRAPH PHOTOGRAPHY
GS IMAGERY
. SHADOWGRAPH PHOTOGRAPHY
. SCHLIEREN PHOTOGRAPHY
PHOTOGRAPHY
. SHADOWGRAPH PHOTOGRAPHY
. SCHLIEREN PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
COLOR PHOTOGRAPHY
FLOW VISUALIZATION
WIND TUNNEL MODELS

SHADOWGRAPHS

USE SHADOWGRAPH PHOTOGRAPHY

SHADOWS

GS SHADOWS
. LUNAR SHADOW
. PENUMBRAS
RT CLOUD COVER
CLOUDS (METEOROLOGY)
DARKNESS
ILLUMINATING

SHADOWS--(cont.)

LIGHT (VISIBLE RADIATION)
NIGHT
SELF SHADOWING
UMBRAS

SHAFTS (MACHINE ELEMENTS)

UF AXLES
JOURNALS (SHAFTS)
TRUNNIONS
GS SHAFTS (MACHINE ELEMENTS)
. ROTATING SHAFTS
. TURBOSHAFTS
RT AXES OF ROTATION
BEARINGS
BUSHINGS
∞ JOURNALS
∞ LOADING
LOADS (FORCES)
MANDRELS
MECHANICAL DRIVES
PACKINGS (SEALS)
PINTLES
PIVOTS
ROTATING CYLINDERS
SPINDLES
SUPPORTS
TORQUE
TRANSMISSIONS (MACHINE ELEMENTS)
VEHICLE WHEELS
WHEELS

SHAKERS

RT CLASSIFIERS
MIXERS
SEPARATORS
SHAKING
SIEVES
SIZING SCREENS
VERTICAL MOTION SIMULATORS
VIBRATION SIMULATORS

SHAKING

GS SHAKING
. DITHERS
RT AGITATION
BUFFETING
DISPERSING
EPILEPSY
FLAPPING
FLUTTER
MIXING
∞ SEPARATION
SHAKERS
STRUCTURAL VIBRATION
SUSPENDING (MIXING)
SWIRLING
VIBRATION

SHALE OIL

GS OILS
. SHALE OIL
RT FUEL OILS
FUELS
GASOLINE
HYDROCARBON FUELS
KEROGEN
KEROSENE
LUBRICATING OILS
PARAFFINS
RETORT PROCESSING

SHALES

GS ROCKS
. SEDIMENTARY ROCKS
. SHALES
RT BOREHOLES
CLAYS
EARTH RESOURCES
MINERALS
SOILS

SHALLOW SHELL EQUATIONS

RT END PLATES
∞ EQUATIONS
PRESSURE VESSELS
STRESS ANALYSIS

SHALLOW SHELLS

GS SHELLS (STRUCTURAL FORMS)
. SHALLOW SHELLS
RT CRITICAL LOADING
SHELL STABILITY
SHELL THEORY

SHALLOW WATER

GS WATER
RT . SHALLOW WATER
CNOIDAL WAVES
FISHERIES
OCEANOGRAPHY
OCEANS
REEFS
SEAS
SHORELINES
TOPOGRAPHY
WATER DEPTH

SHANKS

USE JOINTS (JUNCTIONS)

SHANNON INFORMATION THEORY

USE INFORMATION THEORY

SHANNON-WIENER MEASURE

RT ENTROPY
INFORMATION THEORY
RANDOM VARIABLES

SHAPE CONTROL

RT ACTUATORS
COLUMBUS SPACE STATION
∞ CONTROL
CONTROL THEORY
FLEXIBLE SPACECRAFT
LARGE SPACE STRUCTURES
SPACE PLATFORMS
SPACECRAFT CONTROL

SHAPE FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
. SHAPE FUNCTIONS
RT FINITE ELEMENT METHOD
POLYNOMIALS
STRUCTURAL ANALYSIS

SHAPE MEMORY ALLOYS

GS ALLOYS
. SHAPE MEMORY ALLOYS
. NITINOL ALLOYS
RT MICROSTRUCTURE
NICKEL ALLOYS
PHASE TRANSFORMATIONS
PLASTIC MEMORY
STRESS-STRAIN DIAGRAMS
TEMPERATURE EFFECTS
TITANIUM ALLOYS
TRANSITION METALS

SHAPED CHARGES

GS EXPLOSIVE DEVICES
. SHAPED CHARGES
RT AMMUNITION
BOMBS (ORDNANCE)
EXPLOSIVE FORMING
EXPLOSIVES
PROJECTILES
TORPEDOES
WARHEADS
WEAPONS

SHAPERS

GS TOOLS
. MACHINE TOOLS
. SHAPERS
RT GRINDING MACHINES
MILLING MACHINES

SHAPES

UF CURVED SURFACES
FORM
GS SHAPES
. CONVEXITY
. ELLIPTICITY
. FLATNESS
. LINE SHAPE
. OGEE SHAPE
. ROSETTE SHAPES
. T SHAPE
RT ASYMMETRY
CONCAVITY
CONTOUR SENSORS
CONTOURS
CORNERS
∞ CROSS SECTIONS
CURVATURE
CURVED PANELS
GEOIDS
GEOMETRY

SHAPES--(cont.)

MORPHOLOGY
OBLATE SPHEROIDS
PLANFORMS
∞ PROFILES
PROFILOMETERS
PROLATENESS
∞ SURFACE GEOMETRY
SYMMETRY
TOPOLOGY

SHARKS

GS ANIMALS
.. VERTEBRATES
.. FISHES
... **SHARKS**

SHARP LEADING EDGES

GS EDGES
.. LEADING EDGES
... **SHARP LEADING EDGES**
RT AIRFOILS
FOREBODIES
TRAILING EDGES

∞ SHARPNESS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT CLARITY
CONTRAST
PRECISION

SHATTER CONES

GS CONES
.. **SHATTER CONES**
ROCKS
.. **SHATTER CONES**
RT CARBONACEOUS ROCKS
CRUSTAL FRACTURES
FORMATIONS
GEOLOGY
GEOMORPHOLOGY
METEORITE COLLISIONS
METEORITE CRATERS
SEDIMENTARY ROCKS
SHOCK LOADS
STRIATION
STRUCTURAL PROPERTIES (GEOLOGY)

SHATTERING

USE FRAGMENTATION

SHAWNEE HELICOPTER

USE CH-21 HELICOPTER

∞ SHEAR

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT DILATATIONAL WAVES
SHEARING
SHEARS

SHEAR CREEP

GS MECHANICAL PROPERTIES
.. CREEP PROPERTIES
... **SHEAR CREEP**
RT PLASTIC DEFORMATION
TENSILE CREEP

SHEAR DISTURBANCES

USE S WAVES

SHEAR FATIGUE

USE SHEAR STRESS

SHEAR FLOW

GS FLUID FLOW
.. **SHEAR FLOW**
RT COAXIAL FLOW
CORE FLOW
CREEP PROPERTIES
∞ FLOW
GRAZING FLOW
KOLMOGOROV THEORY
KROOK EQUATION
MIXING LENGTH FLOW THEORY
PLASTIC FLOW
RICHARDSON NUMBER
STRATIFIED FLOW

SHEAR LAYERS

UF CHAPMAN SHEAR LAYER

SHEAR LAYERS--(cont.)

RT BOUNDARY LAYERS
EARTH IONOSPHERE
∞ LAYERS
MIXING LAYERS (FLUIDS)
RIBBLETS
SHOCK LAYERS
SHOCK WAVE CONTROL
∞ TRANSITION LAYERS

SHEAR PROPERTIES

GS MECHANICAL PROPERTIES
.. **SHEAR PROPERTIES**
.. SHEAR STRENGTH
RT CREEP PROPERTIES
DUCTILITY
FATIGUE (MATERIALS)
HOOKES LAW
HYSTERESIS
IMPACT STRENGTH
MODULUS OF ELASTICITY
∞ PROPERTIES
RESILIENCE
SET
STRESS RELAXATION
STRESS-STRAIN DIAGRAMS
STRESSES
TEMPERATURE INVERSIONS
TOUGHNESS

SHEAR STRAIN

RT MECHANICAL PROPERTIES
STRUCTURAL STRAIN
TORSIONAL VIBRATION

SHEAR STRENGTH

GS MECHANICAL PROPERTIES
.. SHEAR PROPERTIES
... **SHEAR STRENGTH**
RT COMPRESSIVE STRENGTH
FIBER STRENGTH
HIGH STRENGTH
INTERFACIAL ENERGY
∞ STRENGTH
TENSILE STRENGTH

SHEAR STRESS

UF SHEAR FATIGUE
SHEARING STRESS
STRESSES
.. **SHEAR STRESS**
.. TORSIONAL STRESS
RT INTERLAMINAR STRESS
MECHANICAL PROPERTIES
TRANSVERSE LOADS

SHEAR WAVES

USE S WAVES

SHEARING

GS CUTTING
.. **SHEARING**
RT BLANKING (CUTTING)
COLD WORKING
FAILURE
FAILURE MODES
HOT WORKING
LOADS (FORCES)
METAL CUTTING
METAL WORKING
∞ SEPARATION
∞ SHEAR
SHEARS
STAMPING
STRUCTURAL STRAIN

SHEARING STRESS

USE SHEAR STRESS

SHEARS

GS CUTTERS
.. **SHEARS**
TOOLS
.. **SHEARS**
RT MACHINE TOOLS
SAWS
∞ SHEAR
SHEARING

SHEATHS

GS **SHEATHS**
.. ION SHEATHS
.. PLASMA SHEATHS
RT ∞ CASING

SHEATHS--(cont.)

ENCAPSULATING
FAIRINGS
JACKETS
LININGS
PROTECTORS
ROOFS
WALLS

SHEDDING

RT EJECTION
MOLTING
PEELING
VORTEX SHEDDING

SHEDS

RT SHELTERS

SHEEP

GS ANIMALS
.. VERTEBRATES
.. MAMMALS
... **SHEEP**
RT LIVESTOCK
WOOL

SHEET METAL

USE METAL SHEETS

SHEET MOLDING COMPOUNDS

GS MOLDING MATERIALS
.. **SHEET MOLDING COMPOUNDS**
RT COMPOSITE MATERIALS
COMPOSITE STRUCTURES
FIBER COMPOSITES
GRAPHITE-EPOXY COMPOSITES
MOLDS
PLASTICS
POLYMER MATRIX COMPOSITES
RESIN MATRIX COMPOSITES
∞ SHEETS

∞ SHEETS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT COATINGS
CURRENT SHEETS
ELASTIC SHEETS
FABRICS
FLAT PLATES
LAMINATES
MEMBRANE STRUCTURES
MEMBRANES
METAL FOILS
METAL SHEETS
MULTILAYER INSULATION
NEUTRAL SHEETS
PANELS
PAPERS
POLYMERIC FILMS
SHEET MOLDING COMPOUNDS
THICK PLATES
THIN PLATES
VORTEX SHEETS
VORTEX STREETS
WEBS (SHEETS)

SHELL ANODES

GS ELECTRODES
.. ANODES
.. **SHELL ANODES**
RT HEAT MEASUREMENT

SHELL GALAXIES

GS CELESTIAL BODIES
.. GALAXIES
... **SHELL GALAXIES**
RT ELLIPTICAL GALAXIES
GALACTIC STRUCTURE
INTERACTING GALAXIES

SHELL STABILITY

GS MECHANICAL PROPERTIES
.. DIMENSIONAL STABILITY
.. STRUCTURAL STABILITY
... **SHELL STABILITY**
STABILITY
.. STATIC STABILITY
.. DIMENSIONAL STABILITY
... STRUCTURAL STABILITY
... **SHELL STABILITY**
RT BUCKLING
FLUID FILLED SHELLS

SHELL STABILITY--(cont.)

LIQUID FILLED SHELLS
ORTHOTROPIC SHELLS
PLASTIC SHELLS
REINFORCED SHELLS
SHALLOW SHELLS

SHELL STARS

GS CELESTIAL BODIES
STARS
PECULIAR STARS
SHELL STARS
RT STELLAR ENVELOPES

SHELL THEORY

RT PERFORATED SHELLS
SELF CONSISTENT FIELDS
SHALLOW SHELLS
THEORIES

SHELLFISH

RT COASTAL WATER
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE RESOURCES
MOLLUSKS

SHELLS (STRUCTURAL FORMS)

GS SHELLS (STRUCTURAL FORMS)
ANISOTROPIC SHELLS
CIRCULAR SHELLS
CONICAL SHELLS
CORRUGATED SHELLS
CYLINDRICAL SHELLS
DOMES (STRUCTURAL FORMS)
RADOMES
ELASTIC SHELLS
FLUID FILLED SHELLS
LIQUID FILLED SHELLS
HEMISPHERICAL SHELLS
METAL SHELLS
ORTHOTROPIC SHELLS
PERFORATED SHELLS
PLASTIC SHELLS
REINFORCED SHELLS
SHALLOW SHELLS
SPHERICAL SHELLS
SPHERICAL CAPS
THIN WALLED SHELLS
TOROIDAL SHELLS
RT AIRCRAFT STRUCTURES
ARCHES
BAYS (STRUCTURAL UNITS)
CAPSULES
COVERINGS
COWLINGS
ENCLOSURES
FAIRINGS
HOUSINGS
HULLS (STRUCTURES)
ISOTENSOID STRUCTURES
MEMBRANE STRUCTURES
MEMBRANES
MONOCOQUE STRUCTURES
NACELLES
PRESSURE VESSEL DESIGN
PROTUBERANCES
ROCKET ENGINE CASES
SKIN (STRUCTURAL MEMBER)
WALLS

SHELTERS

GS SHELTERS
LUNAR SHELTERS
RT BUILDINGS
CIVIL DEFENSE
ENVIRONMENTAL ENGINEERING
HABITABILITY
SHEDS
STARSITE PROGRAM
SURVIVAL

SHELVES

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BEDROCK
CASES (CONTAINERS)
CLIFFS
CONTINENTAL SHELVES
RACKS (FRAMES)
REEFS

SHENANDOAH VALLEY (VA)

GS VALLEYS

SHENANDOAH VALLEY (VA)--(cont.)

SHENANDOAH VALLEY (VA)
RT RIVER BASINS
VIRGINIA

SHERGOTTITES

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
ACHONDRITES
SHERGOTTITES
RT CHASSIGNITES
NAKHLITES

SHIELDING

GS SHIELDING
ELECTROMAGNETIC SHIELDING
RADIO FREQUENCY SHIELDING
ELECTROSTATIC SHIELDING
HEAT SHIELDING
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
MAGNETIC SHIELDING
RADIATION SHIELDING
SOLAR RADIATION SHIELDING
SPACECRAFT SHIELDING
RT ABLATIVE NOSE CONES
ABSORBERS (MATERIALS)
ARMOR
ATTENUATION
ATTENUATORS
BAFFLES
BARRIERS
BLAST DEFLECTORS
BLINDS
DEFLECTORS
DIVERTERS
ENCLOSURES
FLAME DEFLECTORS
GUARDS (SHIELDS)
HOUSINGS
LININGS
LOUVERS
MANIPULATORS
PANELS
PROTECTION
PROTECTORS
SAFETY DEVICES
SCREENS
SHADES
SUPPRESSORS
WINDOWS (APERTURES)
WINDSHIELDS

SHIELDS (GEOLOGY)

USE BEDROCK

SHIFT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT EXCHANGING
FREQUENCY SHIFT
PHASE SHIFT
SHIFT REGISTERS
TRANSFERRING

SHIFT REGISTERS

RT COMPUTER COMPONENTS
COMPUTER STORAGE DEVICES
DELAY LINES (COMPUTER STORAGE)
DIGITAL TECHNIQUES
REGISTERS (COMPUTERS)
SHIFT

SHIFTING EQUILIBRIUM FLOW

GS FLUID FLOW
GAS FLOW
EQUILIBRIUM FLOW
SHIFTING EQUILIBRIUM FLOW
RT FROZEN EQUILIBRIUM FLOW

SHILLELAGH MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
ANTITANK MISSILES
SHILLELAGH MISSILES

SHIP HULLS

GS HULLS (STRUCTURES)
SHIP HULLS
RT HYDRODYNAMIC COEFFICIENTS
HYDRODYNAMICS
SHIPS
STRUCTURAL DESIGN

SHIP HULLS--(cont.)

SUBMARINES

SHIP TERMINALS

GS TERMINAL FACILITIES
SHIP TERMINALS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
HARBORS
MAROTS (ESA)
OFFSHORE DOCKING
TANKER TERMINALS
TERMINALS
WHARVES

SHIP TO SHORE COMMUNICATION

GS TELECOMMUNICATION
COMMUNICATION
SHIP TO SHORE COMMUNICATION
RT DATA TRANSMISSION
RADIO COMMUNICATION
SHIPS
TELEMETRY

SHIPS

GS WATER VEHICLES
SHIPS
ADVANCED RANGE
INSTRUMENTATION SHIP
AIRCRAFT CARRIERS
CARGO SHIPS
SAVANNAH NUCLEAR SHIP
TANKER SHIPS
NUCLEAR POWERED SHIPS
SAVANNAH NUCLEAR SHIP
SATELLITE COMMUNICATIONS SHIPS
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
SURFACE EFFECT SHIPS
SWATH (SHIP)
RT AMPHIBIOUS VEHICLES
ANTISHIP MISSILES
ANTISHIP WARFARE
BOATS
HARBORS
HYDROFOIL CRAFT
HYDROFOILS
KEELS
MARINE TRANSPORTATION
MILITARY VEHICLES
NAVY
OCEAN DATA ACQUISITIONS SYSTEMS
PROPELLERS
RESEARCH VEHICLES
SHIP HULLS
SHIP TO SHORE COMMUNICATION
SHIPYARDS
SURFACE NAVIGATION
SURFACE VEHICLES
TRANSPORT VEHICLES
TRANSPORTATION ENERGY
UNDERWATER VEHICLES
VESSELS

SHIPYARDS

RT CARGO SHIPS
CONSTRUCTION
ENCLOSURES
INDUSTRIAL AREAS
INDUSTRIES
LOGISTICS
MAINTENANCE
OCEANOGRAPHY
PORTS
SHIPS
TANKER SHIPS
WATER VEHICLES

SHIVA LASER SYSTEM

GS STIMULATED EMISSION DEVICES
LASERS
HIGH POWER LASERS
SHIVA LASER SYSTEM
RT COHERENT LIGHT
LASER FUSION
LASER OUTPUTS
NOVA LASER SYSTEM
SYSTEMS

SHIVERING

GS SHIVERING
DITHERS
RT BODY TEMPERATURE

- SHOALS**
 GS WATER
 . **SHOALS**
 RT BEACHES
 LAKES
 OCEANOGRAPHY
 OCEANS
 REEFS
 RIVERS
 SEAS
 WATER DEPTH
- SHOCK**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CONVULSIONS
 MECHANICAL SHOCK
 SHOCK (PHYSIOLOGY)
 SHOCK RESISTANCE
 THERMAL SHOCK
- SHOCK (PHYSIOLOGY)**
 RT HUMAN REACTIONS
 HUMAN TOLERANCES
 PHYSIOLOGICAL EFFECTS
 PHYSIOLOGY
 ∞ SHOCK
- SHOCK ABSORBERS**
 RT ∞ ABSORBERS
 ABSORBERS (EQUIPMENT)
 CUSHIONS
 DAMPING
 ENERGY ABSORPTION
 HYDRAULIC EQUIPMENT
 IMPACT
 IMPACT ACCELERATION
 ISOLATORS
 LANDING GEAR
 MECHANICAL SHOCK
 PNEUMATIC EQUIPMENT
 SILENCERS
 SPRINGS (ELASTIC)
 SUSPENSION SYSTEMS (VEHICLES)
 VIBRATION DAMPING
 VIBRATION ISOLATORS
- SHOCK DIFFUSERS**
 USE DIFFUSERS
 SHOCK WAVE ATTENUATION
- SHOCK DISCONTINUITY**
 GS DISCONTINUITY
 . **SHOCK DISCONTINUITY**
 RT DENSITY DISTRIBUTION
 WAVE FRONTS
- SHOCK FRONTS**
 GS WAVE FRONTS
 . **SHOCK FRONTS**
 RT ∞ FRONTS
 MAGNETOSHEATH
 WAVE PROPAGATION
 WAVE SCATTERING
- SHOCK HEATING**
 GS HEATING
 . KINETIC HEATING
 . . AERODYNAMIC HEATING
 . . . **SHOCK HEATING**
 . TRANSIENT HEATING
 . . **SHOCK HEATING**
 RT MAGNETOHYDRODYNAMIC SHEAR
 HEATING
 PLASMA HEATING
- SHOCK LAYERS**
 RT ∞ LAYERS
 NORMAL SHOCK WAVES
 OBLIQUE SHOCK WAVES
 SHEAR LAYERS
 STRESS WAVES
 ∞ TRANSITION LAYERS
- SHOCK LOADS**
 GS LOADS (FORCES)
 . DYNAMIC LOADS
 . . TRANSIENT LOADS
 . . . **SHOCK LOADS**
 BLAST LOADS
 RT AERODYNAMIC LOADS
 AXIAL COMPRESSION LOADS
 COMPRESSION LOADS
- SHOCK LOADS--(cont.)**
 CONTACT LOADS
 CRUSTAL FRACTURES
 IMPACT LOADS
 LANDING LOADS
 SHATTER CONES
 STRUCTURAL DESIGN CRITERIA
- SHOCK MEASURING INSTRUMENTS**
 GS MEASURING INSTRUMENTS
 . **SHOCK MEASURING INSTRUMENTS**
 RT ACCELEROMETERS
 PRESSURE GAGES
 SEISMOGRAPHS
 STRAIN GAGES
- SHOCK RESISTANCE**
 GS **SHOCK RESISTANCE**
 . IMPACT RESISTANCE
 RT EARTHQUAKE RESISTANCE
 HIGH ACCELERATION
 IMPACT
 MECHANICAL PROPERTIES
 MECHANICAL SHOCK
 PROPELLANT SENSITIVITY
 ∞ RESISTANCE
 SENSITIVITY
 ∞ SHOCK
 THERMAL SHOCK
 VIBRATION
- SHOCK SIMULATORS**
 GS SIMULATORS
 . **SHOCK SIMULATORS**
 RT VERTICAL MOTION SIMULATORS
 VIBRATION SIMULATORS
- SHOCK SPECTRA**
 GS SPECTRA
 . **SHOCK SPECTRA**
 RT DYNAMIC STRUCTURAL ANALYSIS
 ENERGY SPECTRA
 MECHANICAL SHOCK
 NOISE SPECTRA
 STROKING TESTS
 STRUCTURAL DESIGN
 STRUCTURAL VIBRATION
- SHOCK TESTS**
 RT DROP TESTS
 IMPACT TESTS
 LOAD TESTS
 RAILROAD HUMMING TESTS
 ∞ TESTS
 VIBRATION TESTS
- SHOCK TUBES**
 GS SHOCK WAVE GENERATORS
 . **SHOCK TUBES**
 . . MAGNETIC ANNULAR SHOCK TUBES
 . . SHOCK TUNNELS
 RT GAS TEMPERATURE
 HOTSHOT WIND TUNNELS
 HYPERSONIC FLOW
 HYPERSONIC WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 LOW DENSITY RESEARCH
 LOW DENSITY WIND TUNNELS
 MAGNETIC PISTONS
 TEST FACILITIES
 TUBE LASERS
 ∞ TUBES
- SHOCK TUNNELS**
 GS SHOCK WAVE GENERATORS
 . SHOCK TUBES
 . . **SHOCK TUNNELS**
 . . TEST FACILITIES
 . . WIND TUNNELS
 . . . HYPERSONIC WIND TUNNELS
 **SHOCK TUNNELS**
 HYPERVELOCITY WIND TUNNELS
 **SHOCK TUNNELS**
 RT CASCADE WIND TUNNELS
 HOTSHOT WIND TUNNELS
 HYPERSONIC FLOW
 LOW DENSITY RESEARCH
 LOW DENSITY WIND TUNNELS
 SUPERSONIC WIND TUNNELS
- SHOCK WAVE ATTENUATION**
 UF SHOCK DIFFUSERS
 GS ATTENUATION
 . WAVE ATTENUATION
 . . ACOUSTIC ATTENUATION
- SHOCK WAVE ATTENUATION--(cont.)**
 . . . **SHOCK WAVE ATTENUATION**
 RT ATMOSPHERIC ATTENUATION
 NOISE REDUCTION
 WAVE PROPAGATION
- SHOCK WAVE CONTROL**
 RT ∞ CONTROL
 SECONDARY INJECTION
 SHEAR LAYERS
- SHOCK WAVE GENERATORS**
 GS **SHOCK WAVE GENERATORS**
 . SHOCK TUBES
 . . MAGNETIC ANNULAR SHOCK TUBES
 . . SHOCK TUNNELS
 RT ∞ GENERATORS
 MAGNETIC PISTONS
 PRESSURE SENSORS
 PULSE GENERATORS
 WAVE GENERATION
- SHOCK WAVE INTERACTION**
 GS WAVE INTERACTION
 . **SHOCK WAVE INTERACTION**
 RT ∞ INTERACTIONS
 PROPAGATION MODES
 SCATTERING
 WAVE DEGRADATION
- SHOCK WAVE LUMINESCENCE**
 GS EMISSION
 . LIGHT EMISSION
 . . LUMINESCENCE
 . . . **SHOCK WAVE LUMINESCENCE**
 RT LOW DENSITY RESEARCH
 WAVE INTERACTION
- SHOCK WAVE PROFILES**
 RT KROOK EQUATION
 PRESSURE DISTRIBUTION
 ∞ PROFILES
 VELOCITY DISTRIBUTION
 WAVE INTERACTION
- SHOCK WAVE PROPAGATION**
 GS TRANSMISSION
 . WAVE PROPAGATION
 . . **SHOCK WAVE PROPAGATION**
 RT ATMOSPHERIC ATTENUATION
 BURGER EQUATION
 CROCCO METHOD
 HIGH TEMPERATURE GASES
 NONEQUILIBRIUM RADIATION
 RANKINE-HUGONIOT RELATION
 SECONDARY INJECTION
 SOUND PROPAGATION
 TWO FLUID MODELS
 WAVE ATTENUATION
 WAVE INTERACTION
- SHOCK WAVES**
 UF BOW SHOCK WAVES
 GS ELASTIC WAVES
 . **SHOCK WAVES**
 . . DETONATION WAVES
 . . MACH CONES
 . . NORMAL SHOCK WAVES
 . . OBLIQUE SHOCK WAVES
 . . RIEMANN WAVES
 . . SONIC BOOMS
 RT ADIABATIC EQUATIONS
 AERODYNAMIC NOISE
 BLAST LOADS
 ∞ BLASTS
 BOW WAVES
 CAUSTIC LINES
 CRUSTAL FRACTURES
 DETONATION
 EARTHQUAKE DAMAGE
 EARTHQUAKE RESISTANCE
 EARTHQUAKE RESISTANT STRUCTURES
 EARTHQUAKES
 ELECTROSTATIC WAVES
 EXPLODING WIRES
 EXPLOSIONS
 GAS TEMPERATURE
 GEODYNAMICS
 HUGONIOT EQUATION OF STATE
 HYPERSONIC FLOW
 HYPERSONIC SHOCK
 HYPERSONIC WAKES
 IMPACT
 IMPLOSIONS
 LONGITUDINAL WAVES

SHOCK WAVES--(cont.)

MACH NUMBER
 MACH REFLECTION
 MAGNETOHYDRODYNAMIC WAVES
 MECHANICAL SHOCK
 MOLECULAR RELAXATION
 NOISE (SOUND)
 NOVAE
 PLANE WAVES
 PLANETARY QUAKES
 PLASMA WAVES
 PLUMES
 PRESSURE PULSES
 SEISMIC WAVES
 SOUND PRESSURE
 SOUND WAVES
 STRESS WAVES
 SUPERSONIC FLOW
 ∞ TRANSITION LAYERS
 TRANSONIC FLOW
 TSUNAMI WAVES
 UNDERWATER ACOUSTICS
 UNDERWATER COMMUNICATION
 ∞ WAVES
 WEDGE FLOW
 WHITHAM RULE

SHOES

GS CLOTHING
 . **SHOES**
 RT BOOTS (FOOTWEAR)
 LEATHER
 PROTECTIVE CLOTHING
 SOCKS

SHOOTING STAR AIRCRAFT

USE T-33 AIRCRAFT

SHOPS

RT MAINTENANCE

SHORAN

UF SHORT RANGE NAVIGATION
 GS NAVIGATION
 . RADIO NAVIGATION
 . . . HYPERBOLIC NAVIGATION
 . . . **SHORAN**
 RT AIR NAVIGATION
 DECCA NAVIGATION
 DISTANCE MEASURING EQUIPMENT
 NAVIGATION AIDS
 SOLAR COMPASSES

SHORELINES

RT BEACHES
 COASTAL WATER
 COASTS
 LAKES
 OCEANOGRAPHY
 OCEANS
 RIVERS
 SHALLOW WATER
 TIDAL FLATS
 WETLANDS

SHORT BELFAST C MK-1 AIRCRAFT

USE SC-5 AIRCRAFT

SHORT CIRCUIT CURRENTS

GS ELECTRIC CURRENT
 . **SHORT CIRCUIT CURRENTS**
 RT OPEN CIRCUIT VOLTAGE
 PHOTOVOLTAIC CELLS
 SHORT CIRCUITS
 SOLAR CELLS
 VOLT-AMPERE CHARACTERISTICS

SHORT CIRCUITS

GS ELECTRICAL FAULTS
 . **SHORT CIRCUITS**
 RT CIRCUITS
 ELECTRIC ARCS
 FAILURE
 JUMPERS
 SHORT CIRCUIT CURRENTS
 SNEAK CIRCUIT ANALYSIS
 SYSTEM FAILURES

SHORT CRACKS

GS FRACTURES (MATERIALS)
 . CRACKS
 . . . **SHORT CRACKS**
 RT CRACK GEOMETRY
 CRACK INITIATION

SHORT CRACKS--(cont.)

CRACK PROPAGATION
 FATIGUE LIFE
 FRACTURE MECHANICS
 METAL FATIGUE

SHORT HAUL AIRCRAFT

GS TRANSPORT AIRCRAFT
 . **SHORT HAUL AIRCRAFT**
 . . C-8A AUGMENTOR WING AIRCRAFT
 . . CESSNA 402B AIRCRAFT
 . . EUROPEAN AIRBUS
 . . . A-300 AIRCRAFT
 . . . A-310 AIRCRAFT
 . . . A-320 AIRCRAFT
 . . MERCURE AIRCRAFT
 RT AIR TRANSPORTATION
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 AIRLINE OPERATIONS
 PASSENGER AIRCRAFT
 V/STOL AIRCRAFT

SHORT RANGE BALLISTIC MISSILES

GS MISSILES
 . BALLISTIC MISSILES
 . . **SHORT RANGE BALLISTIC MISSILES**
 . . SURFACE TO SURFACE MISSILES
 . . **SHORT RANGE BALLISTIC MISSILES**
 RT FIELD ARMY BALLISTIC MISSILES
 INTERMEDIATE RANGE BALLISTIC MISSILES

SHORT RANGE NAVIGATION

USE SHORAN

SHORT SC-1 AIRCRAFT

USE SC-1 AIRCRAFT

SHORT SC-5 AIRCRAFT

USE SC-5 AIRCRAFT

SHORT SC-7 AIRCRAFT

USE SC-7 AIRCRAFT

SHORT TAKEOFF & VERTICAL LANDING AIRCRAFT

USE STOVL AIRCRAFT

SHORT TAKEOFF AIRCRAFT

UF STOL AIRCRAFT
 GS V/STOL AIRCRAFT
 . **SHORT TAKEOFF AIRCRAFT**
 . . ALADIN 2 AIRCRAFT
 . . BREGUET 940 AIRCRAFT
 . . BREGUET 941 AIRCRAFT
 . . C-8A AUGMENTOR WING AIRCRAFT
 . . C-15 AIRCRAFT
 . . C-123 AIRCRAFT
 . . DHC 4 AIRCRAFT
 . . DHC 5 AIRCRAFT
 . . QUESTOL AIRCRAFT
 . . U-10 AIRCRAFT
 RT ∞ AIRCRAFT

CIRCULATION CONTROL AIRFOILS
 COMPOUND HELICOPTERS
 EXTERNALLY BLOWN FLAPS
 FAN IN WING AIRCRAFT
 HELICOPTERS
 JATO ENGINES
 JET AIRCRAFT
 JET FLAPS
 LIFT FANS
 LIFTING ROTORS
 ∞ MILITARY AIRCRAFT
 POWERED LIFT AIRCRAFT
 ROTARY WING AIRCRAFT
 SIEBEL AIRCRAFT
 STOVL AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 TAKEOFF RUNS
 TILT WING AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 ∞ WINGED VEHICLES

SHORT WAVE RADIATION

SN (RADIO WAVES)
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . **SHORT WAVE RADIATION**
 . . . MICROWAVES
 CENTIMETER WAVES
 DECIMETER WAVES
 MICROWAVE EMISSION

SHORT WAVE RADIATION--(cont.)

. . . . MILLIMETER WAVES
 SUBMILLIMETER WAVES
 RT FAR INFRARED RADIATION
 HIGH FREQUENCIES
 LONG WAVE RADIATION
 MONOCHROMATIC RADIATION
 ∞ RADIATION

SHORT WAVE RADIO TRANSMISSION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 . TRANSMISSION
 . . RADIO TRANSMISSION
 . . . **SHORT WAVE RADIO TRANSMISSION**
 . . . SIGNAL TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . **SHORT WAVE RADIO TRANSMISSION**
 RT HIGH FREQUENCIES
 WAVE PROPAGATION

SHORTENING

USE REDUCTION

SHOT

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT AMMUNITION
 LAUNCHING
 ORBITAL SHOTS
 PELLETS
 SHOT NOISE
 SHOT PEENING

SHOT NOISE

GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . **SHOT NOISE**
 RT BARRITT DIODES
 ∞ SHOT
 THERMAL NOISE

SHOT PEENING

GS HARDENING (MATERIALS)
 . **SHOT PEENING**
 . METAL FINISHING
 . . PEENING
 . . . **SHOT PEENING**
 RT COLD WORKING
 DESCALING
 FATIGUE (MATERIALS)
 METAL WORKING
 ∞ SHOT
 STRAIN HARDENING
 SURFACE FINISHING
 WORK HARDENING

SHOULDERS

RT JOINTS (ANATOMY)
 SCAPULA

SHOWERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT COSMIC RAY SHOWERS
 FLOOD PREDICTIONS
 METEOROID SHOWERS
 RAIN
 RAIN FORESTS
 RAINSTORMS

SHRAPNEL

RT FRAGMENTATION
 FRAGMENTS
 PROJECTILES
 WEAPONS

SHREDDING

GS COMMUNION
 . **SHREDDING**
 RT COMPOSTING
 CUTTING
 TEARING

SHRIKE MISSILE

GS MISSILES
 . AIR TO SURFACE MISSILES
 . . **SHRIKE MISSILE**
 RT SOLID PROPELLANT ROCKET ENGINES

SHRINKAGE

RT CASTING
CONTRACTION
GROWTH
∞ REDUCTION
SINTERING
TEMPERATURE INVERSIONS
WARPAGE

SHROUDED BODIES

USE SHROUDS

SHROUDED NOZZLES

RT ANNULAR NOZZLES
NOZZLE GEOMETRY
NOZZLE WALLS
∞ NOZZLES

SHROUDED PROPELLERS

UF DUCTED PROPELLERS
GS PROPELLERS
RT SHROUDED PROPELLERS
DUCTED FANS
RING WINGS
THRUST AUGMENTATION
XV-11A AIRCRAFT

SHROUDED TURBINES

GS TURBOMACHINERY
TURBINES
SHROUDED TURBINES

SHROUDS

UF SHROUDED BODIES
RT COVERINGS
DUCTED BODIES
RIGGING

SHUNTS

USE BYPASSES
CIRCUITS

SHUTDOWNS

RT DEACTIVATION
ENGINES
∞ SCRAM

SHUTTERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT BLINDS
CAMERA SHUTTERS
LOUVERS
SHADES

SHUTTLE AVIONICS INTEGRATION LABORATORY

USE SAIL PROJECT

SHUTTLE BOOSTERS

USE SPACE SHUTTLE BOOSTERS

SHUTTLE DERIVED VEHICLES

UF SDV
RT ADVANCED LAUNCH SYSTEM (STS)
MANNED SPACECRAFT
SPACE SHUTTLE ORBITERS
SPACE SHUTTLES
∞ SPACECRAFT
SPACECRAFT DESIGN

SHUTTLE ENGINEERING SIMULATOR

UF SES (SHUTTLE)
GS SIMULATORS
SHUTTLE ENGINEERING SIMULATOR
RT SPACE SHUTTLES

SHUTTLE GLOW

USE SPACECRAFT GLOW

SHUTTLE IMAGING RADAR

UF SIR-A
SIR-B
GS PAYLOADS
SHUTTLE IMAGING RADAR
RT RADAR GEOLOGY
RADAR IMAGERY
REMOTE SENSING
SPACE SHUTTLE PAYLOADS
SYNTHETIC APERTURE RADAR

SHUTTLE MISSION SIMULATOR

UF SMS (SHUTTLE)
GS SIMULATORS

SHUTTLE MISSION SIMULATOR--(cont.)

SHUTTLE MISSION SIMULATOR
RT SHUTTLE MISSION SIMULATOR

SHUTTLE ORBITERS

USE SPACE SHUTTLE ORBITERS

SHUTTLE PALLET SATELLITES

UF SPAS (ESA PLATFORMS)
GS ARTIFICIAL SATELLITES
SHUTTLE PALLET SATELLITES
RT SPACE SHUTTLES

SI

USE INTERNATIONAL SYSTEM OF UNITS

SIALON

GS MIXTURES
SIALON
RT ALUMINUM
CERAMICS
HIGH TEMPERATURE
NITROGEN
OXYGEN
REACTION BONDING
REFRACTORY MATERIALS
SILICON NITRIDES
SINTERING

SIAM MISSILES

UF SELF INITIATED ANTI-AIRCRAFT MISSILES
GS MISSILES
ANTI-AIRCRAFT MISSILES
SIAM MISSILES
RT AIR TO AIR MISSILES
ANTIMISSILE MISSILES

SIBERIA

RT ARCTIC REGIONS
ASIA
U.S.S.R.

SIC (COEFFICIENT)

USE STRUCTURAL INFLUENCE COEFFICIENTS

SICILY

GS LANDFORMS
ISLANDS
SICILY
RT ITALY
MEDITERRANEAN SEA

SICKNESSES

GS SICKNESSES
ALTITUDE SICKNESS
DECOMPRESSION SICKNESS

SID (IONOSPHERIC DISTURBANCES)

USE SUDDEN IONOSPHERIC DISTURBANCES

SIDE INLETS

GS INTAKE SYSTEMS
SIDE INLETS
RT AIR INTAKES
BYPASS RATIO
HYPERSONIC INLETS
INLET AIRFRAME CONFIGURATIONS
NOSE INLETS
SCOOPS
SUPERSONIC INLETS
∞ WATER INTAKES

SIDE-LOOKING RADAR

GS RADAR
SYNTHETIC APERTURE RADAR
SIDE-LOOKING RADAR
RT AIRBORNE RADAR
CHANGE DETECTION
IMAGING RADAR
RADAR IMAGERY
RADAR SCANNING
SEARCH RADAR

SIDEBANDS

RT ∞ BANDS
DOUBLE SIDEBAND TRANSMISSION
SELECTIVE FADING
SINGLE SIDEBAND TRANSMISSION

SIDELobe REDUCTION

GS ATTENUATION
SIDELOBE REDUCTION
RT HORN ANTENNAS
RADAR ANTENNAS

SIDELobe REDUCTION--(cont.)

RADAR ATTENUATION
RADAR RECEPTION
RADAR REFLECTORS
RADAR RESOLUTION
∞ REDUCTION
SIDELOBES

SIDELOBES

GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
RT ANTENNA DESIGN
LOBES
NEAR FIELDS
SIDELOBE REDUCTION

SIDEREAL TIME

GS TIME
SIDEEREAL TIME
RT ASTRONOMY
EARTH ROTATION
STELLAR MOTIONS
TIME MEASUREMENT
UNITS OF MEASUREMENT

SIDERITE METEORITES

USE IRON METEORITES

SIDERITES

GS CARBON COMPOUNDS
CARBONATES
SIDERITES
IRON COMPOUNDS
SIDERITES
MINERALS
SIDERITES

SIDES

RT EDGES
GEOMETRY
RIMS
WALLS

SIDESLIP

GS MANEUVERS
SIDESLIP
RT ROLL
SKIDDING
SLIP
SPACECRAFT MOTION
YAW

SIDEWASH

USE BACKWASH

SIDEWINDER MISSILES

GS MISSILES
AIR TO AIR MISSILES
SIDEWINDER MISSILES
ANTI-AIRCRAFT MISSILES
SIDEWINDER MISSILES

SIEBEL AIRCRAFT

RT ∞ AIRCRAFT
SHORT TAKEOFF AIRCRAFT

SIEMENS 2002 COMPUTER

GS DATA PROCESSING EQUIPMENT
COMPUTERS
SIEMENS 2002 COMPUTER

SIERRA LEONE

GS NATIONS
SIERRA LEONE
RT AFRICA

SIERRA NEVADA MOUNTAINS (CA)

GS LANDFORMS
MOUNTAINS
SIERRA NEVADA MOUNTAINS (CA)
RT CALIFORNIA

SIEVES

GS SEPARATORS
SIEVES
RT FLUID FILTERS
SHAKERS
SIZING SCREENS
WIRE CLOTH

SIGHT

USE VISUAL PERCEPTION

SIGMA COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . . DIGITAL COMPUTERS
 . . . **SIGMA COMPUTERS**
 SIGMA 9 COMPUTER

SIGMA ORIONIS

GS CELESTIAL BODIES
 . STARS
 . . . DOUBLE STARS
 . . . BINARY STARS
 **SIGMA ORIONIS**
 . . . EARLY STARS
 . . . HOT STARS
 . . . B STARS
 **SIGMA ORIONIS**
 . . . PECULIAR STARS
 **SIGMA ORIONIS**
 RT ORION CONSTELLATION
 STELLAR SYSTEMS

SIGMA 5 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . . ANALOG COMPUTERS
 . . . **SIGMA 5 COMPUTER**
 . . . DIGITAL COMPUTERS
 **SIGMA 5 COMPUTER**

SIGMA 7

GS MANNED SPACECRAFT
 . MERCURY SPACECRAFT
 . . **SIGMA 7**
 . REENTRY VEHICLES
 . . RECOVERABLE SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . **SIGMA 7**
 . SOFT LANDING SPACECRAFT
 . . MERCURY SPACECRAFT
 . . . **SIGMA 7**
 . SPACE CAPSULES
 . . MERCURY SPACECRAFT
 . . . **SIGMA 7**
 RT MERCURY MA-8 FLIGHT

SIGMA 9 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . . DIGITAL COMPUTERS
 . . . SIGMA COMPUTERS
 **SIGMA 9 COMPUTER**

SIGMA-MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . . BOSONS
 . . . MESONS
 VECTOR MESONS
 **SIGMA-MESONS**
 . . . FERMIONS
 . . . BARYONS
 **SIGMA-MESONS**
 . . . HADRONS
 . . . BARYONS
 **SIGMA-MESONS**
 . . . MESONS
 VECTOR MESONS
 **SIGMA-MESONS**
 . . . NUCLEAR PARTICLES
 . . . BOSONS
 . . . MESONS
 VECTOR MESONS
 **SIGMA-MESONS**
 RT CHARGED PARTICLES
 ETA-MESONS

SIGNAL ANALYSIS

GS DATA PROCESSING
 . **SIGNAL ANALYSIS**
 . . CEPSTRAL ANALYSIS
 RT ∞ ANALYZING
 DIGITAL RADAR SYSTEMS
 FREQUENCY ANALYZERS
 PHASE DEVIATION
 SIGNAL MEASUREMENT
 SPECTRUM ANALYSIS
 WAVELET ANALYSIS

SIGNAL ANALYZERS

GS MEASURING INSTRUMENTS
 . ANALYZERS
 . . **SIGNAL ANALYZERS**
 RT ANALOG COMPUTERS
 AUTODYNES

SIGNAL DETECTION

GS DETECTION
 . **SIGNAL DETECTION**
 . . CORRELATION DETECTION
 RT AUTODYNES
 ∞ DETECTORS
 DISCRIMINATION
 DYNAMIC RANGE
 PHASE DETECTORS
 PREAMPLIFIERS
 RADAR DETECTION
 SIGNAL MEASUREMENT
 SOUND TRANSDUCERS
 TELECOMMUNICATION

SIGNAL DETECTORS

UF SIGNAL DISCRIMINATORS
 RT AUTODYNES
 ∞ DETECTORS
 DISCRIMINATION
 MICROWAVE SENSORS
 PREAMPLIFIERS
 SIGNAL MEASUREMENT
 SOUND TRANSDUCERS
 TELECOMMUNICATION

SIGNAL DISCRIMINATORS

USE SIGNAL DETECTORS

SIGNAL DISTORTION

GS DISTORTION
 . **SIGNAL DISTORTION**
 RT INTERSYMBOLIC INTERFERENCE
 RADIO SIGNALS
 SCRAMBLING (COMMUNICATION)

SIGNAL ENCODING

GS CODING
 . **SIGNAL ENCODING**
 . . AMPLITUDE MODULATION
 . . . QUADRATURE AMPLITUDE
 MODULATION
 . . . FREQUENCY MODULATION
 FEEDBACK FREQUENCY
 MODULATION
 . . . FM/PM (MODULATION)
 . . . FREQUENCY SHIFT KEYING
 . . . PULSE FREQUENCY MODULATION
 . . . PHASE MODULATION
 . . . FM/PM (MODULATION)
 . . . PHASE SHIFT KEYING
 BINARY PHASE SHIFT KEYING
 QUADRATURE PHASE SHIFT
 KEYING
 . . . PULSE MODULATION
 . . . PULSE AMPLITUDE MODULATION
 . . . PULSE CODE MODULATION
 DELTA MODULATION
 DIFFERENTIAL PULSE CODE
 MODULATION
 . . . PULSE FREQUENCY MODULATION
 . . . PULSE TIME MODULATION
 . . . PULSE DURATION MODULATION
 PULSE POSITION MODULATION
 . . . TRELLIS CODING
 RT CONCATENATED CODES
 DIGITAL TO ANALOG CONVERTERS
 PULSE FREQUENCY MODULATION
 TELEMETRY
 REDUNDANCY ENCODING
 REED-SOLOMON CODES
 SCRAMBLING (COMMUNICATION)
 TELECOMMUNICATION
 TRANSMITTERS
 VITERBI DECODERS
 VOICE DATA PROCESSING
 WAVELET ANALYSIS

SIGNAL FADEOUT

USE SIGNAL FADING

SIGNAL FADING

UF SIGNAL FADEOUT
 GS FADING
 . **SIGNAL FADING**
 . . SELECTIVE FADING
 RT ACOUSTIC INSTABILITY
 ATMOSPHERIC SCATTERING
 ATTENUATION
 DIFFRACTION PATTERNS
 ELECTROMAGNETIC ABSORPTION
 GROUND EFFECT (COMMUNICATIONS)
 RADIO FREQUENCY INTERFERENCE
 RADIO SCATTERING
 RECEPTION DIVERSITY

SIGNAL FADING--(cont.)

SIGNAL MEASUREMENT
 SMEAR
 SOUND INTENSITY

SIGNAL FADING RATE

GS RATES (PER TIME)
 . **SIGNAL FADING RATE**
 RT FADING
 SELECTIVE FADING
 SOUND INTENSITY

SIGNAL FLOW GRAPHS

RT DUALITY PRINCIPLE
 ∞ FLOW GRAPHS
 NETWORK ANALYSIS
 ∞ NETWORKS
 RICHARDS THEOREM
 SNEAK CIRCUIT ANALYSIS

SIGNAL GENERATORS

GS **SIGNAL GENERATORS**
 . FREQUENCY SYNTHESIZERS
 . FUNCTION GENERATORS
 RT CIRCUITS
 ∞ GENERATORS
 HALL GENERATORS
 OSCILLATORS
 SIRENS
 SOLID STATE DEVICES
 SOUND GENERATORS
 SUBHARMONIC GENERATORS
 VOLTAGE GENERATORS

SIGNAL MEASUREMENT

UF ELECTRONIC SIGNAL MEASUREMENT
 RT ELECTROMAGNETIC MEASUREMENT
 IONOSPHERIC PROPAGATION
 ∞ MEASUREMENT
 SIGNAL ANALYSIS
 SIGNAL DETECTION
 SIGNAL DETECTORS
 SIGNAL FADING
 SIGNAL PROCESSING
 SIGNAL TO NOISE RATIOS

SIGNAL MIXING

GS MIXING
 . **SIGNAL MIXING**
 RT AUDITORY SIGNALS
 ERROR SIGNALS
 FOUR-WAVE MIXING
 MAGNETIC SIGNALS
 RADIO SIGNALS

SIGNAL PROCESSING

GS DATA PROCESSING
 . **SIGNAL PROCESSING**
 RT AUDIO SIGNALS
 COMPANDING
 DIRECTION FINDING
 EQUALIZERS (CIRCUITS)
 INTERFERENCE IMMUNITY
 MAXIMUM ENTROPY METHOD
 MESSAGE PROCESSING
 ONBOARD DATA PROCESSING
 ∞ PROCESSING
 SIGNAL MEASUREMENT
 SMOKE DETECTORS
 SURFACE ACOUSTIC WAVE DEVICES
 TELEMETRY
 VHSIC (CIRCUITS)
 VIDEO SIGNALS
 VITERBI DECODERS
 WAVELET ANALYSIS

SIGNAL RECEPTION

GS **SIGNAL RECEPTION**
 . SYLLABLES
 . SYMBOLS
 . TELEVISION RECEPTION
 RT HOMODYNE RECEPTION
 PREAMPLIFIERS
 ∞ RECEIVING
 SENTENCES
 TRANSMISSION RATE
 (COMMUNICATIONS)
 VOCODERS

SIGNAL REFLECTION

GS ECHOES
 . **SIGNAL REFLECTION**
 . REFLECTION
 . **SIGNAL REFLECTION**
 RT CEPSTRAL ANALYSIS

SIGNAL REFLECTION--(cont.)

SPREAD REFLECTION
TRANSMISSION
WAVE REFLECTION

SIGNAL STABILIZATION

GS STABILIZATION
RT **SIGNAL STABILIZATION**
FREQUENCY CONTROL
TRANSMISSION CIRCUITS

SIGNAL TO NOISE RATIOS

GS RATIOS
RT **SIGNAL TO NOISE RATIOS**
AMPLITUDE DISTRIBUTION ANALYSIS
ATTENUATION
BACKGROUND NOISE
BIT ERROR RATE
CARRIER TO NOISE RATIOS
CHANNEL NOISE
COMMUNICATION THEORY
COMPANDING
CORRELATION DETECTION
DYNAMIC RANGE
ELECTROMAGNETIC INTERFERENCE
ELECTROMAGNETIC NOISE
FALSE ALARMS
IMAGE CONTRAST
IMAGE ENHANCEMENT
INTERFERENCE IMMUNITY
LOW NOISE
MATCHED FILTERS
MAXIMUM ENTROPY METHOD
NOISE
NOISE PROPAGATION
NOISE SPECTRA
NOISE THRESHOLD
RANDOM NOISE
RANDOM SIGNALS
SIGNAL MEASUREMENT
SIGNALS
WHITE NOISE

SIGNAL TRANSMISSION

GS TRANSMISSION
RT **SIGNAL TRANSMISSION**
DATA TRANSMISSION
AUTOMATIC PICTURE
TRANSMISSION
MULTIPLE ACCESS
ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
PACKET TRANSMISSION
ALOHA SYSTEM
SINGLE CHANNEL PER CARRIER
TRANSMISSION
RADAR TRANSMISSION
RADIO TRANSMISSION
DOUBLE SIDEBAND TRANSMISSION
IONOSPHERIC PROPAGATION
IONOSPHERIC F-SCATTER
PROPAGATION
MICROWAVE ATTENUATION
MICROWAVE TRANSMISSION
MULTIPATH TRANSMISSION
SHORT WAVE RADIO
TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
TRANSEQUATORIAL PROPAGATION
TRANSHORIZON RADIO
PROPAGATION
SATELLITE TRANSMISSION
TELEMETRY
BIOTELEMETRY
P.A.C.M. TELEMETRY
PCM TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEVISION TRANSMISSION
RT AUDIO SIGNALS
CODE DIVISION MULTIPLEXING
MESSAGE PROCESSING
MESSAGES
MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
PACKET SWITCHING
PULSE COMMUNICATION
RADAR ATTENUATION
RADIO ATTENUATION
RADIO SCATTERING
SENTENCES
SOUND TRANSMISSION

SIGNAL TRANSMISSION--(cont.)

SYLLABLES
TALKING
TELECOMMUNICATION
TRANSMISSION EFFICIENCY
TRANSMISSION RATE
(COMMUNICATIONS)
VIDEO SIGNALS
WIRELESS COMMUNICATION

∞ SIGNALS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AUDIO SIGNALS
AUDITORY SIGNALS
BEACONS
BELLS
CHIRP SIGNALS
ELECTRIC PULSES
ERROR SIGNALS
HORNS
MAGNETIC SIGNALS
MESSAGES
PSEUDORANDOM SEQUENCES
PYROTECHNICS
RADIO SIGNALS
RANDOM SIGNALS
SIGNAL TO NOISE RATIOS
SIRENS
SOUND GENERATORS
TELECOMMUNICATION
TIME SIGNALS
VIDEO SIGNALS
VISUAL SIGNALS
VISUAL STIMULI

SIGNATURE ANALYSIS

RT ∞ ANALYZING
CEPSTRAL ANALYSIS
DETECTION
IMAGERY
INFRARED SIGNATURES
MICROWAVE SIGNATURES
MISSILE SIGNATURES
RADAR SIGNATURES
SIGNATURES
TARGET RECOGNITION

SIGNATURES

GS **SIGNATURES**
INFRARED SIGNATURES
MAGNETIC SIGNATURES
MISSILE SIGNATURES
RADAR SIGNATURES
SPECTRAL SIGNATURES
MICROWAVE SIGNATURES
RT AMPLITUDE DISTRIBUTION ANALYSIS
DETECTION
REPRESENTATIONS
SIGNATURE ANALYSIS
TARGET RECOGNITION
VIDEO LANDMARK ACQUISITION AND
TRACKING

SIGNIFICANCE

RT CONFIDENCE LIMITS
CORRELATION
COVARIANCE
DEGREES OF FREEDOM
FINITE DIFFERENCE THEORY
NULL HYPOTHESIS
NUMERICAL ANALYSIS
REGRESSION ANALYSIS
STATISTICAL TESTS
TELECONNECTIONS (METEOROLOGY)

SIGNS (SYMBOLS)

USE SYMBOLS

SIGNS AND SYMPTOMS

UF SYMPTOMS
SYNDROMES
GS **SIGNS AND SYMPTOMS**
ACQUIRED IMMUNODEFICIENCY
SYNDROME
BRADYCARDIA
COUGH
DYSYPNEA
EDEMA
HEADACHE
HEMATURIA
LEUKOPENIA
NAUSEA
VERTIGO

SIGNS AND SYMPTOMS--(cont.)

RT ASPHYXIA
DISEASES
HALLUCINATIONS
∞ INDICATION
SYMPTOMOLOGY

SIKHOTE-ALIN METEORITE

GS CELESTIAL BODIES
METEORITES
IRON METEORITES
SIKHOTE-ALIN METEORITE

SIKKIM

GS NATIONS
RT **SIKKIM**
ASIA
BHUTAN
HIMALAYAS
INDIA

SIKORSKY AIRCRAFT

GS **SIKORSKY AIRCRAFT**
CH-3 HELICOPTER
CH-34 HELICOPTER
CH-54 HELICOPTER
H-19 HELICOPTER
H-53 HELICOPTER
H-56 HELICOPTER
H-60 HELICOPTER
S-58 HELICOPTER
S-61 HELICOPTER
S-67 HELICOPTER
SH-3 HELICOPTER
SH-4 HELICOPTER
SIKORSKY WHIRLWIND HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
RT ∞ AIRCRAFT

SIKORSKY HSS-2 HELICOPTER

USE SH-3 HELICOPTER

SIKORSKY S-58 HELICOPTER

USE S-58 HELICOPTER

SIKORSKY S-61 HELICOPTER

USE S-61 HELICOPTER

SIKORSKY S-64 HELICOPTER

USE CH-54 HELICOPTER

SIKORSKY S-65 HELICOPTER

USE H-53 HELICOPTER

SIKORSKY S-67 HELICOPTER

USE S-67 HELICOPTER

SIKORSKY WHIRLWIND HELICOPTER

GS SIKORSKY AIRCRAFT
SIKORSKY WHIRLWIND HELICOPTER
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
HELICOPTERS
MILITARY HELICOPTERS
SIKORSKY WHIRLWIND
HELICOPTER
RT ∞ AIRCRAFT

SILANES

GS HYDROGEN COMPOUNDS
HYDRIDES
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
SILICON COMPOUNDS
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
RT DISILICIDES
POLYCARBOSILANES
POLYSILANES

SILENCE

RT NOISE REDUCTION
TRANSMISSION LOSS

SILENCERS

RT ATTENUATORS
DAMPING
INHIBITORS
MUFFLERS
SHOCK ABSORBERS

SILENCERS--(cont.)

SQUELCH CIRCUITS
SUPPRESSORS
ZERO SOUND

SILICA

USE SILICON DIOXIDE

SILICA GEL

GS GELS
RT **SILICA GEL**
AEROGELS
DEHUMIDIFICATION
DEHYDRATION
DRYING
SILICON DIOXIDE

SILICA GLASS

GS GLASS
RT **SILICA GLASS**
GLASS COATINGS
GLASS ELECTRODES
GLASS FIBERS
GLASSWARE
SANDS
SILICON DIOXIDE

SILICATES

GS SILICON COMPOUNDS
SILICATES
ALUMINUM SILICATES
ANDESITE
GEHLENITE
KAOLINITE
MONTMORILLONITE
PYROPHYLLITE
ARAGONITE
BERYL
CALCIUM SILICATES
GEHLENITE
CORDIERITE
FAYALITE
FELDSPARS
FLUOROSILICATES
FORSTERITE
GARNETS
GADOLINIUM-GALLIUM GARNET
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
MERWINITE
MONTICELLITE
NEPHELINE
POTASSIUM SILICATES
PYROXENES
ENSTATITE
SODIUM SILICATES
SPODUMENE
TALC
TOURMALINE
ZEOLITES
RT AKERMANITE
AMPHIBOLES
DISILICIDES
MINERALS
SILICIDES
SILICON DIOXIDE
TETRAETHYL ORTHOSILICATE
VERMICULITE

SILICIDES

GS SILICON COMPOUNDS
SILICIDES
DISILICIDES
RT INTERMETALLICS
SILICATES

SILICON

GS CHEMICAL ELEMENTS
METALLOIDS
SILICON
AMORPHOUS SILICON
SILICON ISOTOPES
RT FLOAT ZONES
REACTION BONDING
SCHOTTKY DIODES
SILICON ALLOYS

SILICON ALLOYS

GS ALLOYS
RT **SILICON ALLOYS**
ALUMINUM ALLOYS
GERMANIUM ALLOYS
IRON ALLOYS
MAGNESIUM ALLOYS
MICROSTRUCTURE

SILICON ALLOYS--(cont.)

NICKEL ALLOYS
SILICON

SILICON CARBIDES

GS CARBON COMPOUNDS
CARBIDES
SILICON CARBIDES
SILICON COMPOUNDS
RT **SILICON CARBIDES**
ABRASIVES
CARBORUNDUM (TRADEMARK)
CERAMIC FIBERS
POLYCARBOSILANES

SILICON COMPOUNDS

GS **SILICON COMPOUNDS**
FLINT
ORGANIC SILICON COMPOUNDS
TRIPHENYL SILICON
SILANES
CHLOROSILANES
METHYL CHLOROSILANES
SILICATES
ALUMINUM SILICATES
ANDESITE
GEHLENITE
KAOLINITE
MONTMORILLONITE
PYROPHYLLITE
ARAGONITE
BERYL
CALCIUM SILICATES
GEHLENITE
CORDIERITE
FAYALITE
FELDSPARS
FLUOROSILICATES
FORSTERITE
GARNETS
GADOLINIUM-GALLIUM GARNET
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET
MERWINITE
MONTICELLITE
NEPHELINE
POTASSIUM SILICATES
PYROXENES
ENSTATITE
SODIUM SILICATES
SPODUMENE
TALC
TOURMALINE
ZEOLITES
SILICIDES
DISILICIDES
SILICON CARBIDES
SILICON NITRIDES
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
STISHOVITE
SPODUMENE
SILICON TETRACHLORIDE
RT AKERMANITE
CHEMICAL COMPOUNDS
GROUP 4A COMPOUNDS
METHYL POLYSILOXANES
POLYSILOXANES
SILICONES
SILOXANES

SILICON CONTROLLED RECTIFIERS

UF SCR (RECTIFIERS)
GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
THYRISTORS
SILICON CONTROLLED RECTIFIERS
RECTIFIERS
THYRISTORS
SILICON CONTROLLED RECTIFIERS
RT CURRENT CONVERTERS (AC TO DC)
THYRATRONS

SILICON DIOXIDE

UF REFRASIL (TRADEMARK)
SILICA
GS CHALCOGENIDES
OXIDES
DIOXIDES

SILICON DIOXIDE--(cont.)

SILICON DIOXIDE
QUARTZ
COESITE
STISHOVITE
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
STISHOVITE
SILICON COMPOUNDS
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
STISHOVITE
RT BOROSILICATE GLASS
CERAMICS
E GLASS
GLASS
METALLIC GLASSES
OBSIDIAN
PORCELAIN
QUARTZ CRYSTALS
RHYOLITE
S GLASS
SANDS
SILICA GEL
SILICA GLASS
SILICATES
VYCOR

SILICON FILMS

RT AMORPHOUS SILICON
FILMS
SEMICONDUCTOR DEVICES
SOI (SEMICONDUCTORS)
THIN FILMS

SILICON ISOTOPES

GS CHEMICAL ELEMENTS
METALLOIDS
SILICON
SILICON ISOTOPES

SILICON JUNCTIONS

GS SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS
RT AMORPHOUS SILICON
HETEROJUNCTIONS
HOMOJUNCTIONS
SIS (SEMICONDUCTORS)
SOI (SEMICONDUCTORS)
THRESHOLD VOLTAGE

SILICON NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
SILICON NITRIDES
SILICON COMPOUNDS
SILICON NITRIDES
RT CERAMIC MATRIX COMPOSITES
REACTION BONDING
SIALON

SILICON OXIDES

GS CHALCOGENIDES
OXIDES
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
STISHOVITE
SPODUMENE
SILICON COMPOUNDS
SILICON OXIDES
MUSCOVITE
NEPHELINE
SILICON DIOXIDE
QUARTZ
COESITE
STISHOVITE
SPODUMENE
RT AKERMANITE

SILICON POLYMERS

GS SILICON POLYMERS
SILICONE RESINS
SILICONES
METHYL POLYSILOXANES
SILOXANES
RT POLYCARBOSILANES
POLYMERS

SILICON RADIATION DETECTORS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION DETECTORS
 . . . **SILICON RADIATION DETECTORS**
 RT ∞ RADIATION

SILICON RECTIFIERS

USE CRYSTAL RECTIFIERS

SILICON SOLAR CELLS

USE SOLAR CELLS

SILICON TETRACHLORIDE

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . **SILICON TETRACHLORIDE**
 . HALIDES
 . . CHLORIDES
 . . . **SILICON TETRACHLORIDE**
 SILICON COMPOUNDS
 . **SILICON TETRACHLORIDE**

SILICON TRANSISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . TRANSISTORS
 **SILICON TRANSISTORS**
 SOS (SEMICONDUCTORS)
 RT SOI (SEMICONDUCTORS)

SILICON-ON-INSULATOR SEMICONDUCTORS

USE SOI (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE JUNCTIONS

USE SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE SEMICONDUCTORS

USE SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE TRANSISTORS

USE SOS (SEMICONDUCTORS)

SILICONE RESINS

GS RESINS
 . **SILICONE RESINS**
 SILICON POLYMERS
 . **SILICONE RESINS**
 RT THERMOSETTING RESINS

SILICONE RUBBER

GS RUBBER
 . **SILICONE RUBBER**
 . . RTV-40 RUBBER (TRADEMARK)
 . . RTV-60 RUBBER (TRADEMARK)
 RT ELASTOMERS
 SYNTHETIC RUBBERS

SILICONES

GS SILICON POLYMERS
 . **SILICONES**
 . . METHYL POLYSILOXANES
 . . SILOXANES
 RT ∞ POLYMERS
 SILICON COMPOUNDS

SILICONIZING

GS HARDENING (MATERIALS)
 . **SILICONIZING**
 RT COATING
 COATINGS
 CORROSION PREVENTION
 CORROSION RESISTANCE
 OXIDATION RESISTANCE
 PASSIVITY

SILK

GS FABRICS
 . **SILK**
 FIBERS
 . **SILK**
 RT CREPE
 ORGANIC MATERIALS

SILKWORMS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . INSECTS
 MOTHS
 **SILKWORMS**
 LARVAE

SILKWORMS--(cont.)

. **SILKWORMS**
 RT INFESTATION

SILOS (MISSILE STORAGE)

USE MISSILE SILOS

SILOXANES

GS SILICON POLYMERS
 . SILICONES
 . . **SILOXANES**
 RT ∞ POLYMERS
 POLYSILOXANES
 SILICON COMPOUNDS

SILTS

USE SEDIMENTS

SILVER

GS CHEMICAL ELEMENTS
 . **SILVER**
 . . SILVER ISOTOPES
 METALS
 . NOBLE METALS
 . . **SILVER**
 . . . SILVER ISOTOPES
 . . . TRANSITION METALS
 . . . **SILVER**
 SILVER ISOTOPES

SILVER ALLOYS

GS ALLOYS
 . **SILVER ALLOYS**
 RT BEARING ALLOYS
 GOLD ALLOYS

SILVER BROMIDES

GS HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . . BROMIDES
 . . . **SILVER BROMIDES**
 . HALIDES
 . . BROMIDES
 . . . **SILVER BROMIDES**
 . . METAL HALIDES
 . . . SILVER HALIDES
 **SILVER BROMIDES**
 SILVER COMPOUNDS
 . SILVER HALIDES
 . . **SILVER BROMIDES**

SILVER CADMIUM BATTERIES

UF CADMIUM SILVER BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **SILVER CADMIUM BATTERIES**
 RT NICKEL CADMIUM BATTERIES

SILVER CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . **SILVER CHLORIDES**
 . HALIDES
 . . CHLORIDES
 . . . **SILVER CHLORIDES**
 . . METAL HALIDES
 . . . SILVER HALIDES
 **SILVER CHLORIDES**
 SILVER COMPOUNDS
 . SILVER HALIDES
 . . **SILVER CHLORIDES**

SILVER COMPOUNDS

GS **SILVER COMPOUNDS**
 . SILVER HALIDES
 . . SILVER BROMIDES
 . . SILVER CHLORIDES
 . . SILVER IODIDES
 . . SILVER NITRATES
 . . SILVER OXIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 1B COMPOUNDS
 ∞ METAL COMPOUNDS

SILVER HALIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . **SILVER HALIDES**
 SILVER BROMIDES
 SILVER CHLORIDES
 SILVER IODIDES

SILVER HALIDES--(cont.)

SILVER COMPOUNDS
 . **SILVER HALIDES**
 . . SILVER BROMIDES
 . . SILVER CHLORIDES
 . . SILVER IODIDES

SILVER HYDROGEN BATTERIES

GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **SILVER HYDROGEN BATTERIES**

SILVER IODIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . SILVER HALIDES
 **SILVER IODIDES**
 . . IODINE COMPOUNDS
 . . IODIDES
 . . . **SILVER IODIDES**
 SILVER COMPOUNDS
 . SILVER HALIDES
 . . **SILVER IODIDES**

SILVER ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **SILVER ISOTOPES**
 . SILVER
 . . **SILVER ISOTOPES**
 METALS
 . NOBLE METALS
 . . SILVER
 . . . **SILVER ISOTOPES**
 . . TRANSITION METALS
 . . SILVER
 . . . **SILVER ISOTOPES**

SILVER NITRATES

GS NITROGEN COMPOUNDS
 . NITRATES
 . . INORGANIC NITRATES
 . . . **SILVER NITRATES**
 SILVER COMPOUNDS
 . **SILVER NITRATES**

SILVER OXIDE ZINC BATTERIES

USE SILVER ZINC BATTERIES

SILVER OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **SILVER OXIDES**
 SILVER COMPOUNDS
 . **SILVER OXIDES**

SILVER ZINC BATTERIES

UF SILVER OXIDE ZINC BATTERIES
 ZINC SILVER BATTERIES
 ZINC SILVER OXIDE BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **SILVER ZINC BATTERIES**

SILVICULTURE

RT AGRICULTURE
 BIOMASS
 BOTANY
 CULTIVATION
 FORESTS
 ORCHARDS
 PLANTING
 TREES (PLANTS)

SIM

UF SCIENTIFIC INSTRUMENT MODULES
 GS MODULES
 . SPACECRAFT MODULES
 . . **SIM**
 SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . . **SIM**
 RT APOLLO PROJECT
 APOLLO 15 FLIGHT
 CAMERAS
 INSTRUMENT PACKAGES
 ∞ INSTRUMENTS

SIMD (COMPUTERS)

UF SINGLE INSTRUCTION MULTIPLE
DATASTREAM
GS DATA PROCESSING EQUIPMENT
COMPUTERS
DIGITAL COMPUTERS
PARALLEL COMPUTERS
SIMD (COMPUTERS)
RT ARCHITECTURE (COMPUTERS)
COMPUTER DESIGN
COMPUTER PROGRAMMING
CONCURRENT PROCESSING
INTERPROCESSOR COMMUNICATION
MIMD (COMPUTERS)
OPERATING SYSTEMS (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)

SIMICOR (IMAGE CORRELATOR)

USE IMAGE CORRELATORS

SIMILARITIES

USE ANALOGIES

SIMILARITY NUMBERS

GS RATIOS
DIMENSIONLESS NUMBERS
SIMILARITY NUMBERS
RT DIMENSIONAL ANALYSIS
SCALING LAWS

SIMILARITY THEOREM

GS THEOREMS
SIMILARITY THEOREM
LAGRANGE SIMILARITY HYPOTHESIS
RT DYNAMIC MODELS
MATHEMATICAL MODELS
SCALE MODELS

SIMILITUDE LAW

GS LAWS
SIMILITUDE LAW
RT GRAVITATION
INERTIA
SCALE MODELS
VISCOSITY

SIMPLE HARMONIC MOTION

GS HARMONIC MOTION
SIMPLE HARMONIC MOTION
HARMONICS
SIMPLE HARMONIC MOTION
RT ACOUSTICS
FOURIER ANALYSIS
HARMONIC EXCITATION

SIMPLEX METHOD

GS MATHEMATICAL LOGIC
ALGORITHMS
SIMPLEX METHOD
OPTIMIZATION
SIMPLEX METHOD
RT LINEAR PROGRAMMING
MATHEMATICAL PROGRAMMING
MATRICES (MATHEMATICS)
METHODOLOGY
PROBLEM SOLVING

SIMPLIFICATION

RT ASSUMPTIONS
LINEARIZATION

SIMS (SPECTROMETRY)

USE SECONDARY ION MASS SPECTROMETRY

SIMULATED ALTITUDE

USE ALTITUDE SIMULATION

SIMULATED ANNEALING

RT ANNEALING
COMPUTERIZED SIMULATION
LASER ANNEALING
OPTIMIZATION
PULSE HEATING
SIMULATION

SIMULATION

GS SIMULATION
COMPUTER SYSTEMS SIMULATION
COMPUTERIZED SIMULATION
ANALOG SIMULATION
DIGITAL SIMULATION
CONTROL SIMULATION
ENVIRONMENT SIMULATION
ACOUSTIC SIMULATION

SIMULATION--(cont.)

ALTITUDE SIMULATION
SPACE ENVIRONMENT SIMULATION
WEIGHTLESSNESS SIMULATION
NEUTRAL BUOYANCY SIMULATION
THERMAL SIMULATION
EXHAUST FLOW SIMULATION
ATMOSPHERIC ENTRY SIMULATION
FLIGHT SIMULATION
LANDING SIMULATION
MOTION SIMULATION
RHEOELECTRICAL SIMULATION
SOLAR SIMULATION
SYSTEMS SIMULATION
RT ANALOGIES
BIONICS
BOND GRAPHS
DATA PROCESSING EQUIPMENT
DATA SIMULATION
DECEPTION
GAME THEORY
HEURISTIC METHODS
HYPERVELOCITY PROJECTILES
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPERATIONS RESEARCH
SIMULATED ANNEALING
SIMULATORS
SPACECRAFT CABIN SIMULATORS
SYSTEMS ANALYSIS
VALIDITY
VIRTUAL REALITY
WAR GAMES

SIMULATOR TRAINING

USE TRAINING SIMULATORS

SIMULATORS

GS SIMULATORS
CONTROL SIMULATION
ENVIRONMENT SIMULATORS
LUNAR GRAVITY SIMULATOR
SOLAR SIMULATORS
SPACE SIMULATORS
HIGH VACUUM ORBITAL SIMULATOR
LANGLEY COMPLEX COORDINATOR
LUNAR ORBIT AND LANDING
SIMULATORS
MOTION SIMULATORS
SHOCK SIMULATORS
SHUTTLE ENGINEERING SIMULATOR
SHUTTLE MISSION SIMULATOR
TARGET SIMULATORS
TRAINING SIMULATORS
FLIGHT SIMULATORS
COCKPIT SIMULATORS
SPACECRAFT CABIN SIMULATORS
VIBRATION SIMULATORS
VERTICAL MOTION SIMULATORS
RT ANALOGS
COMPUTER SYSTEMS SIMULATION
DUMMIES
MISSILE SIMULATORS
MODELS
SIMULATION
TEST EQUIPMENT
TEST FACILITIES
TRAINING DEVICES

SIMULTANEOUS EQUATIONS

RT EQUATIONS
LEAST SQUARES METHOD
MATRICES (MATHEMATICS)

SIMULTANEOUS IMAGE CORRELATOR

USE IMAGE CORRELATORS

SINE SERIES

GS ANALYSIS (MATHEMATICS)
CALCULUS
SERIES (MATHEMATICS)
SINE SERIES
REAL VARIABLES
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
SINE SERIES
SERIES (MATHEMATICS)
SINE SERIES
FUNCTIONS (MATHEMATICS)
TRANSCENDENTAL FUNCTIONS
PERIODIC FUNCTIONS
TRIGONOMETRIC FUNCTIONS
SINE SERIES

SINE WAVES

UF SINUSOIDS
RT ELASTIC WAVES
ELECTROMAGNETIC RADIATION
TRIGONOMETRIC FUNCTIONS
WAVELET ANALYSIS
WAVES

SINGAPORE

GS NATIONS
SINGAPORE
RT ASIA

SINGLE CHANNEL PER CARRIER TRANSMISSION

UF SPC TRANSMISSION
GS TELECOMMUNICATION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SIGNAL TRANSMISSION
DATA TRANSMISSION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
RT CARRIER FREQUENCIES
CHANNELS (DATA TRANSMISSION)
SATELLITE COMMUNICATION
SATELLITE TRANSMISSION
SPACECRAFT COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TELEPHONY
VOICE COMMUNICATION
VOICE DATA PROCESSING

SINGLE CRYSTALS

UF MONOCRYSTALS
GS CRYSTALS
SINGLE CRYSTALS
RT BICRYSTALS
BOULES
BRAVAIS CRYSTALS
BRIDGMAN METHOD
CRYSTAL LATTICES
DIAMONDS
GRAPHITE
NEEDLES
PIEZOELECTRIC CRYSTALS
POLYCRYSTALS
SPACE PROCESSING
ULTRAPURE METALS

SINGLE ENGINE AIRCRAFT

GS SINGLE ENGINE AIRCRAFT
CESSNA 172 AIRCRAFT
CESSNA 205 AIRCRAFT
CESSNA 210 AIRCRAFT
F-8 AIRCRAFT
F-9 AIRCRAFT
F-16 AIRCRAFT
F-84 AIRCRAFT
F-86 AIRCRAFT
F-94 AIRCRAFT
F-100 AIRCRAFT
F-101 AIRCRAFT
F-102 AIRCRAFT
F-104 AIRCRAFT
F-105 AIRCRAFT
F-106 AIRCRAFT
JAGUAR AIRCRAFT
JET PROVOST AIRCRAFT
L-29 JET TRAINER
MIG AIRCRAFT
MIRAGE AIRCRAFT
MIRAGE 3 AIRCRAFT
P-51 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
T-2 AIRCRAFT
T-28 AIRCRAFT
T-33 AIRCRAFT
VAMPIRE MK 35 AIRCRAFT
VJ-101 AIRCRAFT
YF-16 AIRCRAFT
RT AIRCRAFT
FIGHTER AIRCRAFT
GENERAL AVIATION AIRCRAFT

SINGLE EVENT UPSETS

GS RADIATION EFFECTS
SINGLE EVENT UPSETS
RT ASTRONICS
AVIONICS
CHARGED PARTICLES
COSMIC RAYS
ELECTRON-HOLE DROPS

SINGLE EVENT UPSETS--(cont.)

INNER RADIATION BELT
IONIZATION
MICROELECTRONICS
RADIATION DAMAGE
RADIATION DOSAGE
SATELLITE-BORNE INSTRUMENTS
SECONDARY COSMIC RAYS
SPACECRAFT CHARGING
SPACECRAFT ELECTRONIC EQUIPMENT

SINGLE INPUT SINGLE OUTPUT SYSTEMS

USE SISO (CONTROL SYSTEMS)

SINGLE INSTRUCTION MULTIPLE DATASTREAM

USE SIMD (COMPUTERS)

SINGLE SIDEBAND MODULATION

USE SINGLE SIDEBAND TRANSMISSION

SINGLE SIDEBAND TRANSMISSION

UF SINGLE SIDEBAND MODULATION
TRANSMISSION
GS . ELECTROMAGNETIC WAVE
TRANSMISSION
. . . RADIO TRANSMISSION
. . . SINGLE SIDEBAND TRANSMISSION
. . . SIGNAL TRANSMISSION
. . . RADIO TRANSMISSION
. . . SINGLE SIDEBAND TRANSMISSION
RT AMPLITUDE MODULATION
DOUBLE SIDEBAND TRANSMISSION
SIDEBANDS
TELEVISION TRANSMISSION
VOICE COMMUNICATION
WAVE PROPAGATION

SINGLE STAGE ROCKET VEHICLES

GS ROCKET VEHICLES
. SINGLE STAGE ROCKET VEHICLES
. . . AGENA ROCKET VEHICLES
. . . AGENA A ROCKET VEHICLE
. . . AGENA B ROCKET VEHICLE
. . . AGENA C ROCKET VEHICLE
. . . AGENA D ROCKET VEHICLE
. . . ARCAS ROCKET VEHICLES
. . . BLACK BRANT SOUNDING ROCKETS
. . . BLACK BRANT 1 SOUNDING
ROCKET
. . . BLACK BRANT 2 SOUNDING
ROCKET
. . . BLACK BRANT 3 SOUNDING
ROCKET
. . . BLACK BRANT 4 SOUNDING
ROCKET
. . . BLACK BRANT 5 SOUNDING
ROCKET
. . . BLACK KNIGHT ROCKET VEHICLE
. . . DORNIER PARAGLIDER ROCKET
VEHICLE
. . . GENIE ROCKET VEHICLE
. . . HONEST JOHN ROCKET VEHICLE
. . . HYLAR STAR ROCKET VEHICLE
. . . LITTLE JOHN ROCKET VEHICLE
. . . LOKI ROCKET VEHICLE
. . . NOMAD LAUNCH VEHICLE
. . . VERONIQUE ROCKET VEHICLES
. . . VIKING ROCKET VEHICLE
. . . ZUNI ROCKET VEHICLE
RT MAULER MISSILE
ROCKET ENGINES
∞ VEHICLES

SINGLE STAGE TO ORBIT VEHICLES

GS LAUNCH VEHICLES
. REUSABLE LAUNCH VEHICLES
. . SINGLE STAGE TO ORBIT VEHICLES
. . . HOTOL LAUNCH VEHICLE
RT NASA PROGRAMS
SPACE SHUTTLES
SPACE TRANSPORTATION
∞ VEHICLES
X-30 VEHICLE

SINGLE-PHASE FLOW

UF ONE-PHASE FLOW
UNIPHASE FLOW
GS FLUID FLOW
. SINGLE-PHASE FLOW
RT CRITICAL FLOW
GAS FLOW
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
MULTIPHASE FLOW

SINGLE-PHASE FLOW--(cont.)

ORIFICE FLOW
PIPE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW

SINGULAR INTEGRAL EQUATIONS

GS ANALYSIS (MATHEMATICS)
. . FUNCTIONAL ANALYSIS
. . . INTEGRAL EQUATIONS
RT ∞ SINGULAR INTEGRAL EQUATIONS
EQUATIONS

SINGULARITY (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
. . COMPLEX VARIABLES
. . . SINGULARITY (MATHEMATICS)
. . . . NAKED SINGULARITIES
RT POINTS (MATHEMATICS)
UNIQUENESS

SINKHOLES

GS LANDFORMS
. . STRUCTURAL BASINS
. . . KARST
. . . SINKHOLES
RT KETTLES (GEOLOGY)
STRUCTURAL PROPERTIES (GEOLOGY)

SINKING

RT FALLING
REFRACTION
SUBMERGING
WATER IMMERSION

SINKS

SN (EXCLUDES PLUMBING
FIXTURES--LIMITED TO AREAS FOR
ABSORPTIVE DISPOSAL OF HEAT OR
FLUIDS)
GS SINKS
. . HEAT SINKS
RT ABSORBERS (MATERIALS)
DISPOSAL
∞ SOURCES

SINKS (GEOLOGY)

USE STRUCTURAL BASINS

SINTERED ALUMINUM POWDER

GS PARTICLES
. . METAL PARTICLES
. . . METAL POWDER
. . . . POWDERED ALUMINUM
. . . . SINTERED ALUMINUM POWDER
. . . . POWDER (PARTICLES)
. . . . METAL POWDER
. . . . POWDERED ALUMINUM
. . . . SINTERED ALUMINUM POWDER
RT ALUMINUM
POWDER METALLURGY

SINTERING

UF PRESINTERING
GS SINTERING
. LIQUID PHASE SINTERING
RT AGGLOMERATION
COMBUSTION SYNTHESIS
FURNACES
GROWTH
HEATING
HOT ISOSTATIC PRESSING
HOT PRESSING
METAL POWDER
MIXED CRYSTALS
POROSITY
POWDER METALLURGY
PYROMETALLURGY
REACTION BONDING
ROASTING
SHRINKAGE
SIALON

SINUSES

GS SINUSES
. . PARANASAL SINUSES
RT CAROTID SINUS BODY
CAROTID SINUS REFLEX

SINUSES--(cont.)

NOSE (ANATOMY)
RESPIRATION

SINUSOIDS

USE SINE WAVES

SIOUX HELICOPTER

USE OH-13 HELICOPTER

SIPHONING

RT ∞ FLUIDS
SIPHONS
THERMOSIPHONS

SIPHONS

RT MATERIALS HANDLING
PIPELINES
PIPES (TUBES)
PUMPS
SIPHONING
∞ TUBES

SIR-A

USE SHUTTLE IMAGING RADAR

SIR-B

USE SHUTTLE IMAGING RADAR

SIRENS

RT HORNS
NOISE INTENSITY
SIGNAL GENERATORS
∞ SIGNALS
SOUND GENERATORS
SOUND INTENSITY
SOUND TRANSMISSION
WARNING SYSTEMS

SIRIO SATELLITE

GS ARTIFICIAL SATELLITES
. . SYNCHRONOUS SATELLITES
. . . SIRIO SATELLITE
RT ITALIAN SPACE PROGRAM
ITALY

SIRS B SATELLITE

GS ARTIFICIAL SATELLITES
. . METEOROLOGICAL SATELLITES
. . . SIRS B SATELLITE
RT METEOROLOGICAL FLIGHT
METEOROLOGICAL INSTRUMENTS
SATELLITE OBSERVATION
UNMANNED SPACECRAFT

SIRTF

USE SPACE INFRARED TELESCOPE FACILITY

SIS (SEMICONDUCTORS)

UF SEMICONDUCTOR INSULATOR
SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . SIS (SEMICONDUCTORS)
RT BARRIER LAYERS
MIM (SEMICONDUCTORS)
MIS (SEMICONDUCTORS)
MSM (SEMICONDUCTORS)
P-N JUNCTIONS
PHOTODIODES
PHOTOVOLTAIC CELLS
SCHOTTKY DIODES
SEMICONDUCTOR DIODES
SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS
SOI (SEMICONDUCTORS)
SOLAR CELLS
SOS (SEMICONDUCTORS)
TIN OXIDES
TRANSISTORS

SIS (SUPERCONDUCTORS)

UF SUPERCONDUCTOR INSULATOR
SUPERCONDUCTORS
GS ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . SIS (SUPERCONDUCTORS)
SUPERCONDUCTING DEVICES
. . SIS (SUPERCONDUCTORS)
RT HIGH TEMPERATURE
SUPERCONDUCTORS
JOSEPHSON JUNCTIONS
SQUID (DETECTORS)

SISO (CONTROL SYSTEMS)

UF SINGLE INPUT SINGLE OUTPUT SYSTEMS
 RT ∞ CONTROL
 CONTROL STABILITY
 CONTROL SYSTEMS DESIGN
 CONTROL THEORY
 FEEDBACK CONTROL
 ∞ SYSTEMS
 SYSTEMS STABILITY

SITE DATA PROCESSORS

UF SDP (COMPUTERS)
 GS DATA PROCESSING EQUIPMENT
 COMPUTERS
 SITE DATA PROCESSORS
 RT APOLLO PROJECT
 ∞ DATA
 DATA LINKS
 DATA PROCESSING

SITE SELECTION

GS SELECTION
 SITE SELECTION
 RT AIRPORTS
 CERTIFICATION
 ∞ FACILITIES
 INDUSTRIAL AREAS
 LAND USE
 LEASING
 LOGISTICS
 OPTIONS
 RESOURCES
 ROADS
 ROUTES
 SERVICES
 SITES
 TERMINAL FACILITIES
 TRANSPORTATION
 UTILITIES

SITES

UF TRACTS
 GS SITES
 ARIZONA REGIONAL ECOLOGICAL TEST SITE
 CENTRAL ATLANTIC REGIONAL ECOLOGICAL TEST SITE
 LANDING SITES
 LUNAR LANDING SITES
 LAUNCHING SITES
 LAUNCHING PADS
 OFFSHORE REACTOR SITES
 RT AIRPORT PLANNING
 BARREN LAND
 ∞ FACILITIES
 LAND
 ∞ PLOTS
 POSITION (LOCATION)
 REGIONS
 RURAL LAND USE
 SITE SELECTION

SITTING POSITION

RT PRONE POSITION
 REST
 SEATS
 SUPINE POSITION

SIZE (DIMENSIONS)

GS SIZE (DIMENSIONS)
 GRAIN SIZE
 RT FINENESS

SIZE DETERMINATION

GS SIZE DETERMINATION
 PRECIPITATION PARTICLE MEASUREMENT
 RT BODY MEASUREMENT (BIOLOGY)
 CLASSIFIERS
 DIMENSIONAL MEASUREMENT
 ∞ MEASUREMENT
 PARTICLE SIZE DISTRIBUTION
 ∞ SIZING

SIZE DISTRIBUTION

GS SIZE DISTRIBUTION
 PARTICLE SIZE DISTRIBUTION
 RT DROP SIZE
 MASS DISTRIBUTION
 STATISTICAL DISTRIBUTIONS

SIZE SEPARATION

UF SIZING (SEPARATION)
 RT BENEFICIATION

SIZE SEPARATION--(cont.)

CLASSIFIERS
 ∞ CLASSIFYING
 CONCENTRATORS
 FILTRATION
 FLOTATION
 METAL POWDER
 PARTICLE SIZE DISTRIBUTION
 POWDER (PARTICLES)
 ∞ SEPARATION
 SETTLING
 ∞ SIZING

∞ SIZING

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT BODY MEASUREMENT (BIOLOGY)
 SIZE DETERMINATION
 SIZE SEPARATION
 SIZING (SHAPING)
 SIZING (SURFACE TREATMENT)
 SIZING MATERIALS

SIZING (SEPARATION)

USE SIZE SEPARATION

SIZING (SHAPING)

GS METAL WORKING
 SIZING (SHAPING)
 RT COINING
 PRESSING (FORMING)
 ∞ SIZING

SIZING (SURFACE TREATMENT)

SN (EXCLUDES MECHANICAL SHAPING OR REMOVAL OF SURFACE MATERIALS)
 RT FINISHES
 SIZING MATERIALS
 ∞ SURFACES

SIZING MATERIALS

SN (MATERIALS USED FOR SURFACE TREATMENT)
 RT BINDERS (MATERIALS)
 CLAYS
 FILLERS
 GLUES
 ∞ MATERIALS
 SIZING (SURFACE TREATMENT)
 STARCHES

SIZING SCREENS

GS SEPARATORS
 CLASSIFIERS
 SIZING SCREENS
 RT AGITATION
 CONCENTRATORS
 FLUID FILTERS
 ∞ SCREENS
 SHAKERS
 SIEVES

SKELETON

USE MUSCULOSKELETAL SYSTEM

SKEWNESS

RT ASYMMETRY
 DEFORMATION
 DISPLACEMENT
 DISTORTION
 DISTRIBUTION MOMENTS
 ECCENTRICITY
 MOMENTS

SKID LANDINGS

GS LANDING
 AIRCRAFT LANDING
 SKID LANDINGS
 RT AIR CUSHION LANDING SYSTEMS
 CRASH LANDING
 HYDROPLANING
 SKIDDING

SKIDDING

RT HYDROPLANING
 LANDING GEAR
 SIDESLIP
 SKID LANDINGS
 SLEDS
 YAW

SKILLS

USE ABILITIES

SKIN (ANATOMY)

GS ANATOMY
 SKIN (ANATOMY)
 EPIDERMIS
 RT ALBINISM
 ∞ BLISTERS
 CAROTENE
 CHLOROPHYLLS
 COLLAGENS
 CONTACT DERMATITIS
 CYTOCHROMES
 DERMATITIS
 DERMATOLOGY
 EPITHELIUM
 EVAPORATION
 HAIR
 HOMEOSTASIS
 LEATHER
 MELANIN
 MEMBRANES
 PERSPIRATION
 PETECHIA
 PIGMENTS
 SECRETIONS
 SENSE ORGANS
 THERMORECEPTORS
 TOUCH

SKIN (STRUCTURAL MEMBER)

GS MEMBRANES
 MEMBRANE STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 STRUCTURAL MEMBERS
 MEMBRANE STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 RT AIRCRAFT CONSTRUCTION MATERIALS
 ∞ CONSTRUCTION MATERIALS
 HULLS (STRUCTURES)
 METAL SHELLS
 SHELLS (STRUCTURAL FORMS)
 STRESSED-SKIN STRUCTURES
 THIN WALLED SHELLS
 THIN WALLS
 TOROIDAL SHELLS
 WEBS (SUPPORTS)

SKIN FRICTION

UF FRICTION PRESSURE DROP
 GS FRICTION
 SKIN FRICTION
 FRICTION DRAG
 AERODYNAMIC DRAG
 SUPERSONIC DRAG
 VISCOS DRAG
 RT AERODYNAMIC HEATING
 DRAG
 DRAG DEVICES
 FLOW RESISTANCE
 FLUID FLOW
 FRICTION FACTOR
 RIBBLETS
 STREAMLINING

SKIN GRAFTS

RT SURGERY
 THERAPY

SKIN RESISTANCE

GS ELECTRICAL PROPERTIES
 ELECTRICAL IMPEDANCE
 ELECTRICAL RESISTANCE
 SKIN RESISTANCE
 IMPEDANCE
 ELECTRICAL IMPEDANCE
 ELECTRICAL RESISTANCE
 SKIN RESISTANCE
 RT ∞ RESISTANCE

SKIN TEMPERATURE (BIOLOGY)

GS TEMPERATURE
 SKIN TEMPERATURE (BIOLOGY)
 RT ∞ BIOLOGY
 FEVER
 HYPERTHERMIA
 HYPOTHERMIA

SKIN TEMPERATURE (NON-BIOLOGICAL)

GS SURFACE PROPERTIES
 SURFACE TEMPERATURE
 SKIN TEMPERATURE (NON-BIOLOGICAL)
 TEMPERATURE
 SURFACE TEMPERATURE
 SKIN TEMPERATURE (NON-BIOLOGICAL)

SKIN TEMPERATURE (NON-BIOLOGICAL)--(cont.)

RT AERODYNAMIC HEATING
AEROTHERMODYNAMICS

SKINNER BOXES

RT BEHAVIOR
PSYCHOLOGICAL TESTS
PSYCHOMETRICS

SKIRTS

RT AFTERBODIES
BOATTAILS
CONICAL NOZZLES
EXHAUST NOZZLES
FOUNDATIONS
JET NOZZLES
ROCKET NOZZLES

SKIS

RT HYDROFOILS
HYDROPLANES (SURFACES)
LANDING GEAR

SKUA ROCKET VEHICLES

GS ROCKET VEHICLES
SOUNDING ROCKETS
SKUA ROCKET VEHICLES
RT SOLID PROPELLANT ROCKET ENGINES
VEHICLES

SKULL

GS ANATOMY
HEAD (ANATOMY)
SKULL
CRANIUM
INTRACRANIAL CAVITY
MASTOIDS
MUSCULOSKELETAL SYSTEM
BONES
SKULL
CRANIUM
INTRACRANIAL CAVITY
MASTOIDS
RT FOREHEAD
INTERCRANIAL CIRCULATION

SKY

GS SKY
NIGHT SKY
RT CLOUD COVER
CLOUDS (METEOROLOGY)
DAYGLOW
RAYLEIGH SCATTERING
SUNLIGHT

SKY BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
SKY BRIGHTNESS
RT AIRGLOW
AURORAS
BRIGHTNESS
CLOUD COVER
DAYTIME
GEGENSCHNEIN
GLARE
LIGHT (VISIBLE RADIATION)
LIGHT EMISSION
LUMINANCE
NIGHT
NIGHT SKY
NIGHTGLOW
SOLAR RADIATION
SUNLIGHT
ZODIACAL LIGHT

SKY RADIATION

GS ATMOSPHERIC RADIATION
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
SKY RADIATION
AIRGLOW
GEOCORONAL EMISSIONS
NIGHTGLOW
TWILIGHT GLOW
DAYGLOW
RT BACKGROUND RADIATION
PYRANOMETERS
RADIATION

SKY RADIATION--(cont.)

STRATOSPHERE RADIATION
SUNLIGHT
THERMAL RADIATION
TROPOSPHERIC RADIATION

SKY SURVEYS (ASTRONOMY)

GS OBSERVATION
SKY SURVEYS (ASTRONOMY)
SURVEYS
SKY SURVEYS (ASTRONOMY)
RT ASTRONOMICAL CATALOGS
ASTRONOMY
INDEXES (DOCUMENTATION)
NORTHERN SKY
SOUTHERN SKY

SKY WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SKY WAVES
WHISTLERS
RT GROUND WAVE PROPAGATION
IONOSPHERIC NOISE

SKYBOLT MISSILE

GS MISSILES
BALLISTIC MISSILES
SKYBOLT MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SKYCRANE HELICOPTER

USE CH-54 HELICOPTER

SKYDROL (TRADEMARK)

GS LIQUIDS
HYDRAULIC FLUIDS
SKYDROL (TRADEMARK)
RT ESTERS
PHOSPHATES
PLASTICIZERS

SKYHAWK AIRCRAFT

USE A-4 AIRCRAFT

SKYHOOK BALLOONS

GS EXPANDABLE STRUCTURES
INFLATABLE STRUCTURES
BALLOONS
HIGH ALTITUDE BALLOONS
SKYHOOK BALLOONS
RT HIGH ALTITUDE
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKOONS

SKYLAB PROGRAM

GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
SKYLAB PROGRAM
SPACE PROGRAMS
NASA SPACE PROGRAMS
SKYLAB PROGRAM
RT AAP 1 MISSION
AAP 2 MISSION
AAP 3 MISSION
AAP 4 MISSION
AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO FLIGHTS
APOLLO PROJECT
APOLLO SPACECRAFT
APOLLO TELESCOPE MOUNT
EARTH RESOURCES INFORMATION
SYSTEM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY PROGRAM
ORBITAL WORKSHOPS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SPACELAB

SKYLAB SPACE STATION (UNMANNED)

USE SKYLAB 1

SKYLAB 1

UF SKYLAB SPACE STATION (UNMANNED)
SL 1
GS ARTIFICIAL SATELLITES
ORBITAL WORKSHOPS
SKYLAB 1
SPACE STATIONS

SKYLAB 1--(cont.)

SKYLAB 1
LABORATORIES
SPACE LABORATORIES
MANNED ORBITAL LABORATORIES
SKYLAB 1
MANNED SPACECRAFT
MANNED ORBITAL LABORATORIES
SKYLAB 1
ORBITAL WORKSHOPS
SKYLAB 1
STATIONS
SPACE STATIONS
SKYLAB 1
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SPACE MISSIONS

SKYLAB 2

UF SL 2
GS ARTIFICIAL SATELLITES
ORBITAL WORKSHOPS
SKYLAB 2
SPACE STATIONS
SKYLAB 2
LABORATORIES
SPACE LABORATORIES
MANNED ORBITAL LABORATORIES
SKYLAB 2
MANNED SPACECRAFT
MANNED ORBITAL LABORATORIES
SKYLAB 2
ORBITAL WORKSHOPS
SKYLAB 2
STATIONS
SPACE STATIONS
SKYLAB 2
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 3

UF SL 3
GS ARTIFICIAL SATELLITES
ORBITAL WORKSHOPS
SKYLAB 3
SPACE STATIONS
SKYLAB 3
LABORATORIES
SPACE LABORATORIES
MANNED ORBITAL LABORATORIES
SKYLAB 3
MANNED SPACECRAFT
MANNED ORBITAL LABORATORIES
SKYLAB 3
ORBITAL WORKSHOPS
SKYLAB 3
STATIONS
SPACE STATIONS
SKYLAB 3
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 4

UF SL 4
GS ARTIFICIAL SATELLITES
ORBITAL WORKSHOPS
SKYLAB 4
SPACE STATIONS
SKYLAB 4
LABORATORIES
SPACE LABORATORIES
MANNED ORBITAL LABORATORIES
SKYLAB 4
MANNED SPACECRAFT
MANNED ORBITAL LABORATORIES
SKYLAB 4
ORBITAL WORKSHOPS
SKYLAB 4
STATIONS
SPACE STATIONS
SKYLAB 4
RT AIRLOCK MODULES
COMMAND SERVICE MODULES

SKYLAB 4--(cont.)

ERE
 MULTIPLE DOCKING ADAPTERS
 SATURN 1B LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 SPACE MISSIONS

SKYLARK

USE SKYLARK ROCKET VEHICLE

SKYLARK ROCKET VEHICLE

UF SKYLARK
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . SKYLARK ROCKET VEHICLE
 . SOUNDING ROCKETS
 . . SKYLARK ROCKET VEHICLE
 RT SOLID PROPELLANT ROCKET ENGINES

SKYMASTER AIRCRAFT

USE C-54 AIRCRAFT

SKYNET SATELLITES

GS ARTIFICIAL SATELLITES
 . SKYNET SATELLITES
 RT COMMUNICATION SATELLITES
 SATELLITE NETWORKS
 UK SATELLITES

SKYRAIDER AIRCRAFT

USE A-1 AIRCRAFT

SKYROCKET AIRCRAFT

USE D-558 AIRCRAFT

SKYSTREAK AIRCRAFT

USE D-558 AIRCRAFT

SKYVAN AIRCRAFT

USE SC-7 AIRCRAFT

SKYWARRIOR AIRCRAFT

USE A-3 AIRCRAFT

SL 1

USE SKYLAB 1

SL 2

USE SKYLAB 2

SL 3

USE SKYLAB 3

SL 4

USE SKYLAB 4

SL-3 ROCKET ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET ENGINES
 . . . SL-3 ROCKET ENGINE

SLABS

RT BILLETS
 BLOCKS
 FLAT PLATES
 METAL PLATES
 PLATES (STRUCTURAL MEMBERS)
 . PLATFORMS
 . . STRUCTURAL MEMBERS

SLAGS

RT AGGREGATES
 REACTION PRODUCTS
 WASTES

SLAM

USE SUPERSONIC LOW ALTITUDE MISSILE

SLAMMING

RT FLUID DYNAMICS

SLANT

USE SLOPES

SLANT PERCEPTION

USE SPACE PERCEPTION

SLASHES

USE CLEARINGS (OPENINGS)

SLATER ORBITALS

GS ORBITALS
 . SLATER ORBITALS
 RT HARTREE-FOCK-SLATER METHOD

SLEDS

GS SURFACE VEHICLES
 . SLEDS
 . . ROCKET PROPELLED SLEDS
 RT DOLLIES
 SKIDDING
 TOWED BODIES
 TRACTORS
 TRAILERS

SLEEP

UF DROWSINESS
 GS SLEEP
 . HYPERSOMNIA
 . HYPNOSIS
 . INSOMNIA
 RT DREAMS
 . DRIVES
 . . RAPID EYE MOVEMENT STATE
 . . . REST

SLEEP DEPRIVATION

GS DEPRIVATION
 . SLEEP DEPRIVATION
 RT CONSCIOUSNESS
 INSOMNIA
 WAKEFULNESS

SLEEVES

SN (EXCLUDES CLOTHING)
 RT CONNECTORS
 COUPLINGS
 FASTENERS
 FITTINGS
 JOINTS (JUNCTIONS)

SLENDER BODIES

GS SLENDER BODIES
 . SLENDER CONES
 RT AERODYNAMIC CONFIGURATIONS
 AERODYNAMICS
 AXISYMMETRIC BODIES
 . BODIES
 . . DUCTED BODIES
 . . FINENESS RATIO
 . . MISSILE BODIES
 . . STREAMLINED BODIES
 . . SYMMETRICAL BODIES
 . . THIN BODIES

SLENDER CONES

GS CONES
 . CONICAL BODIES
 . . SLENDER CONES
 . . SLENDER BODIES
 . . SLENDER CONES
 . . SYMMETRICAL BODIES
 . . BODIES OF REVOLUTION
 . . CONICAL BODIES
 . . . SLENDER CONES
 RT AERODYNAMIC CONFIGURATIONS
 AXISYMMETRIC BODIES

SLENDER WINGS

UF HIGH ASPECT RATIO WINGS
 GS AIRFOILS
 . WINGS
 . . SLENDER WINGS
 . . . INFINITE SPAN WINGS
 RT FIXED WINGS
 WING PLANFORMS

SLEWING

RT ANTENNAS
 ERROR SIGNALS
 POSITIONING DEVICES (MACHINERY)
 RADAR TRACKING
 SERVOMOTORS
 . SPINNERS

SLICING

GS CUTTING
 . SLICING
 RT METAL CUTTING
 PLANING
 PLANNING
 SCARFING
 . SEPARATION
 . . SPLITTING

SLICKS

USE OIL SLICKS

SLIDES

USE CHUTES

SLIDES (MICROSCOPY)

RT MICROSCOPY

SLIDING

RT INTERFACIAL TENSION
 LUBRICATION
 MASS FLOW
 . SLIP
 . . SLUMPING
 . . . STATIC FRICTION

SLIDING CONTACT

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT CONTACT LOADS
 ELECTRIC CONTACTS
 SLIDING FRICTION

SLIDING FRICTION

GS FRICTION
 . KINETIC FRICTION
 . . SLIDING FRICTION
 RT COEFFICIENT OF FRICTION
 DRY FRICTION
 ELECTRIC CONTACTS
 . SLIDING CONTACT
 . . STATIC FRICTION
 . . . WEAR
 . . . WEAR RESISTANCE

SLIP

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT PLASTIC DEFORMATION
 POLYSLIPS
 SIDESLIP
 SLIDING

SLIP BANDS

USE EDGE DISLOCATIONS

SLIP CASTING

GS FORMING TECHNIQUES
 . CASTING
 . . SLIP CASTING

SLIP FLOW

SN (LIMITED TO RAREFIED GAS FLOW IN
 THE REGION BETWEEN KNUDSEN
 NUMBERS 0.01 AND 0.1
 ONLY--EXCLUDES TRANSITION FLOW,
 FREE MOLECULE FLOW CREEP, SHEAR
 FLOW, AND PLASTIC FLOW)
 GS FLUID FLOW
 . GAS FLOW
 . . MOLECULAR FLOW
 . . . SLIP FLOW
 RT CONTINUUM FLOW
 FREE MOLECULAR FLOW
 LOW DENSITY WIND TUNNELS
 RAREFIED GAS DYNAMICS
 TRANSITION FLOW

SLIPSTREAMS

GS WAKES
 . AIRCRAFT WAKES
 . . SLIPSTREAMS
 . . . PROPELLER SLIPSTREAMS
 . . . TURBULENT WAKES
 . . . SLIPSTREAMS
 . . . PROPELLER SLIPSTREAMS
 RT BACKWASH
 STROUHAL NUMBER
 TURBULENCE

SLITS

GS OPENINGS
 . SLITS
 RT APERTURES
 FRESNEL REFLECTORS
 SLOTS

SLIVERS

RT FIBERS
 WOOD

SLOPES

- UF CANT
- SLANT
- STEEPNESS
- GS **SLOPES**
- GLIDE PATHS
- RT ANGLES (GEOMETRY)
- CLIFFS
- ESCARPMENTS
- ∞ GRADE
- GRADIENTS
- HEIGHT
- ∞ INCLINATION
- LANDFORMS
- LANDSLIDES
- LEVEL (HORIZONTAL)
- PITCH (INCLINATION)
- ∞ PROFILES
- ∞ RAKES
- RAMP FUNCTIONS
- RAMPS (STRUCTURES)
- TOPOGRAPHY

SLOSHING

- USE LIQUID SLOSHING

SLOT ANTENNAS

- UF SLOTTED ANTENNAS
- GS ANTENNAS
- DIRECTIONAL ANTENNAS
- RT **SLOT ANTENNAS**
- ANTENNA DESIGN
- HORN ANTENNAS
- MICROWAVE ANTENNAS
- RADANT
- RADAR ANTENNAS
- WAVEGUIDE ANTENNAS

SLOTS

- GS **SLOTS**
- WING SLOTS
- RT LIFT DEVICES
- LOUVERS
- OPENINGS
- SLITS

SLOTTED ANTENNAS

- USE SLOT ANTENNAS

SLOTTED WIND TUNNELS

- GS TEST FACILITIES
- WIND TUNNELS
- RT **SLOTTED WIND TUNNELS**
- SUPERSONIC WIND TUNNELS
- TRANSONIC WIND TUNNELS
- TRISONIC WIND TUNNELS
- VENTS

SLOW NEUTRONS

- USE THERMAL NEUTRONS

SLUDGE

- GS **SLUDGE**
- ACTIVATED SLUDGE
- RT DEPOSITS
- LIQUID WASTES
- MUD
- OCEAN BOTTOM
- ORGANIC WASTES (FUEL CONVERSION)
- REACTION PRODUCTS
- SEDIMENTS
- SEWAGE TREATMENT
- SOLID WASTES
- WASTE TREATMENT
- WASTES

SLUMPING

- RT GEOMORPHOLOGY
- MASS FLOW
- SLIDING

SLURRIES

- GS MIXTURES
- SLURRIES
- RT DISPERSIONS
- EMULSIONS
- GELS
- RHEOCASTING
- SLURRY PROPELLANTS
- SLUSH HYDROGEN

SLURRY PROPELLANTS

- GS PROPELLANTS
- ROCKET PROPELLANTS

SLURRY PROPELLANTS--(cont.)

- LIQUID ROCKET PROPELLANTS
- SLURRY PROPELLANTS
- RT SLUSH HYDROGEN
- AIRCRAFT FUELS
- COLLOIDAL PROPELLANTS
- DISPERSIONS
- GELLED ROCKET PROPELLANTS
- METAL FUELS
- METAL PROPELLANTS
- MONOPROPELLANTS
- SLURRIES
- SOLID ROCKET PROPELLANTS

SLUSH

- RT BAY ICE
- CRYOGENIC ROCKET PROPELLANTS
- ICE
- RUNWAY CONDITIONS
- SNOW
- WATER

SLUSH HYDROGEN

- GS PROPELLANTS
- ROCKET PROPELLANTS
- LIQUID ROCKET PROPELLANTS
- SLURRY PROPELLANTS
- RT **SLUSH HYDROGEN**
- HYDROGEN FUELS
- LIQUID HYDROGEN
- SLURRIES

SLV

- USE STANDARD LAUNCH VEHICLES

SLV (SOFT LANDING VEHICLES)

- USE SOFT LANDING SPACECRAFT

SM-65 MISSILE

- USE ATLAS LAUNCH VEHICLES

SM-68 MISSILE

- USE TITAN 1 ICBM

SM-68B MISSILE

- USE TITAN 2 ICBM

SMALL ASTRONOMY SATELLITE 1

- USE SAS-1

SMALL ASTRONOMY SATELLITE 2

- USE SAS-2

SMALL ASTRONOMY SATELLITE 3

- USE SAS-3

SMALL ASTRONOMY SATELLITES

- USE SAS

SMALL PERTURBATION FLOW

- GS FLUID FLOW
- SMALL PERTURBATION FLOW
- RT FLOW DISTORTION
- OSCILLATING FLOW

SMALL SCIENTIFIC SATELLITES

- GS ARTIFICIAL SATELLITES
- SCIENTIFIC SATELLITES
- SMALL SCIENTIFIC SATELLITES

SMALL WATER PLANE AREA TWIN HULL

- USE SWATH (SHIP)

SMALLPOX

- GS DISEASES
- INFECTIOUS DISEASES
- VIRAL DISEASES
- SMALLPOX

SMART STRUCTURES

- UF INTELLIGENT STRUCTURES
- RT ACTIVE CONTROL
- ADAPTIVE CONTROL
- COMPOSITE STRUCTURES
- FIBER OPTICS
- LARGE SPACE STRUCTURES
- SPACE STATION STRUCTURES
- SPACECRAFT STRUCTURES
- STRAIN MEASUREMENT
- STRUCTURAL ENGINEERING
- STRUCTURAL MEMBERS
- ∞ STRUCTURES

SMEAR

- RT ∞ FREQUENCY RESPONSE
- IMAGE CONTRAST
- SIGNAL FADING
- TELEVISION TRANSMISSION
- VIDEO DATA

SMELL

- USE OLFACTORY PERCEPTION

SMELTING

- RT MELTING
- ∞ METALLURGY
- REDUCTION (CHEMISTRY)
- REFINING

SMITH CHART

- RT ELECTRICAL IMPEDANCE
- IMPEDANCE
- POLAR COORDINATES
- REACTANCE
- STANDING WAVE RATIOS
- TRANSMISSION LINES
- WAVEGUIDES

SMM-A

- USE SOLAR MAXIMUM MISSION-A

SMOG

- RT AIR POLLUTION
- AIR SAMPLING
- CARBON MONOXIDE
- COMBUSTION PRODUCTS
- ENVIRONMENTAL CHEMISTRY
- EXHAUST GASES
- FLAMES
- FOG
- HYDROCARBON COMBUSTION
- HYDROCARBON POISONING
- LEAD POISONING
- PARTICULATES
- SMOKE

SMOKE

- GS MIXTURES
- DISPERSIONS
- PLASTISOLS
- RT **SMOKE**
- AEROSOLS
- AIR POLLUTION
- COMBUSTION PRODUCTS
- DUST
- EXHAUST GASES
- FIRE DAMAGE
- FOG
- FOREST FIRES
- FUMES
- HAZE DETECTION
- ∞ MARKERS
- PARTICLES
- PARTICULATES
- SMOG
- SOOT
- VAPORS
- VISIBILITY

SMOKE ABATEMENT

- RT AEROSOLS
- AIR POLLUTION
- CARBON DIOXIDE REMOVAL
- EXHAUST GASES
- POLLUTION
- SOOT

SMOKE DETECTORS

- GS MEASURING INSTRUMENTS
- INDICATING INSTRUMENTS
- RT **SMOKE DETECTORS**
- FIRE PREVENTION
- FUMES
- GAS DETECTORS
- SAFETY DEVICES
- SIGNAL PROCESSING

SMOKE TRAILS

- RT ∞ TRACKS
- WIND DIRECTION
- WIND MEASUREMENT
- WIND PROFILES

SMOOTHING

- GS **SMOOTHING**
- DATA SMOOTHING
- RT ADJUSTING

SMOOTHING--(cont.)

FLATTENING
HONING
LEVELING
PLANING
POLISHING
ROUGHNESS

SMS

USE SYNCHRONOUS METEOROLOGICAL
SATELLITE

SMS (SHUTTLE)

USE SHUTTLE MISSION SIMULATOR

SMS 1

GS ARTIFICIAL SATELLITES
.. METEOROLOGICAL SATELLITES
.. SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
.. SMS 1
.. SYNCHRONOUS METEOROLOGICAL
SATELLITE
.. SMS 1
.. SYNCHRONOUS SATELLITES
.. SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
.. SMS 1
.. SYNCHRONOUS METEOROLOGICAL
SATELLITE
.. SMS 1
RT GOES 2
NOAA SATELLITES

SMS 2

GS ARTIFICIAL SATELLITES
.. METEOROLOGICAL SATELLITES
.. SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
.. SMS 2
.. SYNCHRONOUS METEOROLOGICAL
SATELLITE
.. SMS 2
.. SYNCHRONOUS SATELLITES
.. SYNCHRONOUS EARTH
OBSERVATORY SATELLITE
.. SMS 2
.. SYNCHRONOUS METEOROLOGICAL
SATELLITE
.. SMS 2
RT GOES 2
NOAA SATELLITES

SMU (MANEUVERING UNITS)

USE SELF MANEUVERING UNITS

SNAILS

GS ANIMALS
.. INVERTEBRATES
.. MOLLUSKS
.. SNAILS

SNAKES

GS ANIMALS
.. VERTEBRATES
.. REPTILES
.. SNAKES

SLAKING

USE LATERAL OSCILLATION

SNAP

UF SYSTEMS FOR NUCLEAR AUXILIARY
POWER
GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 2
.. SNAP 4
.. SNAP 8
.. SNAP 10A
.. SNAP 1
.. SNAP 3
.. SNAP 7
.. SNAP 9A
.. SNAP 11
.. SNAP 13
.. SNAP 15
.. SNAP 17
.. SNAP 19
.. SNAP 21
.. SNAP 23
.. SNAP 27

SNAP--(cont.)

.. SNAP 29
.. SNAP 50
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 2
.. SNAP 4
.. SNAP 8
.. SNAP 10A
.. SNAP 1
.. SNAP 3
.. SNAP 7
.. SNAP 9A
.. SNAP 11
.. SNAP 13
.. SNAP 15
.. SNAP 17
.. SNAP 19
.. SNAP 21
.. SNAP 23
.. SNAP 27
.. SNAP 29
.. SNAP 50
RT ELECTRIC GENERATORS
HEAT EXCHANGERS
NUCLEAR POWER REACTORS
SNAPTRAN REACTOR
SPACE POWER UNIT REACTORS
SYSTEMS
THERMIONIC CONVERTERS
THERMIONIC POWER GENERATION
THERMOELECTRIC GENERATORS
THERMOELECTRIC POWER GENERATION
TRANSIENT REACTOR TEST FACILITY
TURBOGENERATORS

SNAP 1

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. SNAP 1
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. SNAP 1
RT HEAT EXCHANGERS
TURBOGENERATORS

SNAP 2

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 2
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 2
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 2
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 2
.. NUCLEAR POWER REACTORS
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 2
RT HEAT EXCHANGERS
SPACE POWER UNIT REACTORS
TURBOGENERATORS

SNAP 3

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. SNAP 3
ELECTRIC GENERATORS
.. DIRECT POWER GENERATORS
.. THERMOELECTRIC GENERATORS
.. SNAP 3
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS

SNAP 3--(cont.)

.. SNAP
.. SNAP 3

SNAP 4

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 4
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 4
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 4
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 4
.. NUCLEAR POWER REACTORS
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 4
RT SPACE POWER UNIT REACTORS

SNAP 7

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. SNAP 7
ELECTRIC GENERATORS
.. DIRECT POWER GENERATORS
.. RADIOISOTOPE BATTERIES
.. SNAP 7
.. THERMOELECTRIC GENERATORS
.. SNAP 7
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. SNAP 7

SNAP 8

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 8
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 8
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. FISSION ELECTRIC CELLS
.. SNAP 8
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 8
.. NUCLEAR POWER REACTORS
.. SPACE POWER REACTORS
.. FISSION ELECTRIC CELLS
.. SNAP 8
RT HEAT EXCHANGERS
SPACE POWER UNIT REACTORS
TURBOGENERATORS

SNAP 9A

GS AUXILIARY POWER SOURCES
.. NUCLEAR AUXILIARY POWER UNITS
.. SNAP
.. SNAP 9A
ELECTRIC GENERATORS
.. DIRECT POWER GENERATORS
.. RADIOISOTOPE BATTERIES
.. SNAP 9A
.. THERMOELECTRIC GENERATORS
.. SNAP 9A
NUCLEAR ELECTRIC POWER
GENERATION
.. NUCLEAR AUXILIARY POWER UNITS

SNAP 9A--(cont.)
 .. SNAP
 ... SNAP 9A

SNAP 10A

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... FISSION ELECTRIC CELLS
 SNAP 10A
 . SPACE POWER REACTORS
 . FISSION ELECTRIC CELLS
 ... SNAP 10A
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . THERMOELECTRIC GENERATORS
 ... SNAP 10A
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... FISSION ELECTRIC CELLS
 SNAP 10A
 . SPACE POWER REACTORS
 . FISSION ELECTRIC CELLS
 ... SNAP 10A
 . NUCLEAR POWER REACTORS
 . SPACE POWER REACTORS
 . FISSION ELECTRIC CELLS
 ... SNAP 10A
 NUCLEAR REACTORS
 . NUCLEAR POWER REACTORS
 . SPACE POWER REACTORS
 . FISSION ELECTRIC CELLS
 SNAP 10A
 RT HEAT EXCHANGERS
 SNAPSHOT SATELLITE

SNAP 11

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 11
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 11
 . THERMOELECTRIC GENERATORS
 ... SNAP 11
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 11

SNAP 13

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 13
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 13
 . THERMIONIC CONVERTERS
 ... SNAP 13
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 13
 RT THERMIONIC POWER GENERATION

SNAP 15

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 15
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 15
 . THERMOELECTRIC GENERATORS
 ... SNAP 15
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 15

SNAP 17

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 17

SNAP 17--(cont.)

ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 17
 . THERMOELECTRIC GENERATORS
 ... SNAP 17
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 17

SNAP 19

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 19
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 19
 . THERMOELECTRIC GENERATORS
 ... SNAP 19
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 19

SNAP 21

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 21
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 21
 . THERMOELECTRIC GENERATORS
 ... SNAP 21
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 21

SNAP 23

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 23
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 23
 . THERMOELECTRIC GENERATORS
 ... SNAP 23
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 23

SNAP 27

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 27
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 27
 . THERMOELECTRIC GENERATORS
 ... SNAP 27
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 27

SNAP 29

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 29
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . RADIOISOTOPE BATTERIES
 ... SNAP 29
 . THERMOELECTRIC GENERATORS
 ... SNAP 29
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS

SNAP 29--(cont.)

.. SNAP
 ... SNAP 29

SNAP 50

GS AUXILIARY POWER SOURCES
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 50
 . SPACE POWER REACTORS
 ... SNAP 50
 NUCLEAR ELECTRIC POWER
 GENERATION
 . NUCLEAR AUXILIARY POWER UNITS
 .. SNAP
 ... SNAP 50
 . SPACE POWER REACTORS
 ... SNAP 50
 RT SPACE POWER UNIT REACTORS

SNAPSHOT SATELLITE

GS ARTIFICIAL SATELLITES
 . SNAPSHOT SATELLITE
 RT SNAP 10A

SNAPTRAN REACTOR

RT ∞ REACTORS
 SNAP

SNATCHING

USE SPACECRAFT RECOVERY

SNEAK CIRCUIT ANALYSIS

GS NETWORK ANALYSIS
 . SNEAK CIRCUIT ANALYSIS
 RT AUTOMATIC TEST EQUIPMENT
 CIRCUIT PROTECTION
 CIRCUIT RELIABILITY
 CRITICAL PATH METHOD
 ELECTRIC NETWORKS
 ELECTRICAL FAULTS
 RELIABILITY ENGINEERING
 SHORT CIRCUITS
 SIGNAL FLOW GRAPHS
 TREES (MATHEMATICS)

SNEEZING

GS REFLEXES
 . RESPIRATORY REFLEXES
 ... SNEEZING
 RT INVOLUNTARY ACTIONS
 VASOCONSTRICTION

SNELLEN TESTS

RT ∞ TESTS
 VISUAL ACUITY

SNELLS LAW

GS LAWS
 . SNELLS LAW
 RT GEOMETRICAL OPTICS
 ∞ OPTICS
 REFRACTION
 REFRACTIVITY

SNOW

GS PRECIPITATION (METEOROLOGY)
 . SNOW
 RT ACID RAIN
 CIRQUES (LANDFORMS)
 CLOUD GLACIATION
 GRAUPEL
 ICE FORMATION
 SLUSH
 STORMS (METEOROLOGY)

SNOW AERIAL APPLICATOR AIRCRAFT S-2B

USE S-2 AIRCRAFT

SNOW AIRCRAFT

GS SNOW AIRCRAFT
 . S-2 AIRCRAFT
 RT ∞ AIRCRAFT
 UTILITY AIRCRAFT

SNOW COVER

GS PRECIPITATION (METEOROLOGY)
 . SNOW COVER
 RT CLOUD GLACIATION
 COLD WEATHER
 STORM DAMAGE
 STORMS
 STORMS (METEOROLOGY)

SNOW S-2 AIRCRAFT
USE S-2 AIRCRAFT

SNOWFLOW EFFECT
USE PLASMA DYNAMICS

SNOWSTORMS
GS STORMS
STORMS (METEOROLOGY)
SNOWSTORMS
RT CLIMATOLOGY
PRECIPITATION (METEOROLOGY)
STORM ENHANCEMENT
STORM SUPPRESSION
WEATHER FORECASTING
WEATHER MODIFICATION

∞ **SOAKING**
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BATHS
HEAT TREATMENT
HEATING
SUBMERGING
WATER IMMERSION
WETTING

SOAPS
RT DETERGENTS
STEARATES
SURFACTANTS
WETTING

SOARING
RT CLIMBING FLIGHT
COASTING FLIGHT
∞ FLIGHT
GLIDERS
GLIDING
HANG GLIDERS
HORIZONTAL FLIGHT
MAN POWERED AIRCRAFT
VERTICAL AIR CURRENTS

SOBOLEV SPACE
GS ALGEBRA
VECTOR SPACES
BANACH SPACE
HILBERT SPACE
SOBOLEV SPACE
ANALYSIS (MATHEMATICS)
FUNCTION SPACE
BANACH SPACE
HILBERT SPACE
SOBOLEV SPACE
FUNCTIONAL ANALYSIS
BANACH SPACE
HILBERT SPACE
SOBOLEV SPACE
RT BOUNDARY VALUE PROBLEMS
EUCLIDEAN GEOMETRY

SOCIAL FACTORS
GS SOCIOLOGY
SOCIAL FACTORS
ETHNIC FACTORS
RT ANTHROPOLOGY
CRIME
CULTURE (SOCIAL SCIENCES)
POLICE
RACE FACTORS
SPACE PSYCHOLOGY
STARSITE PROGRAM
URBAN PLANNING
URBAN RESEARCH
∞ VARIABLE

SOCIAL ISOLATION
GS ISOLATION
SOCIAL ISOLATION
RT SOCIOLOGY

SOCIAL PSYCHIATRY
GS MEDICAL SCIENCE
PSYCHIATRY
SOCIAL PSYCHIATRY
RT SOCIOLOGY

SOCIOLOGY
GS SOCIOLOGY
SOCIAL FACTORS
ETHNIC FACTORS
RT ANTHROPOLOGY

SOCIOLOGY--(cont.)
CASE HISTORIES
CITIES
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
DEMOGRAPHY
DEPENDENCE
GROUP DYNAMICS
HUMAN RELATIONS
MINORITIES
POLITICS
RACE FACTORS
RETIREMENT
SOCIAL ISOLATION
SOCIAL PSYCHIATRY
SYSTEMS ANALYSIS
URBAN PLANNING

SOCKS
GS CLOTHING
SOCKS
RT FABRICS
SHOES

SOD
RT CANOPIES (VEGETATION)
FARMLANDS
GRASSES
GRASSLANDS
LAND
PLOWING

SODALITE
RT CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOCHROMISM

SODAR
RT ACOUSTIC SCATTERING
ATMOSPHERIC TEMPERATURE
INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
SOUND DETECTING AND RANGING
TEMPERATURE MEASUREMENT

SODIUM
GS CHEMICAL ELEMENTS
ALKALI METALS
SODIUM
LIQUID SODIUM
SODIUM ISOTOPES
SODIUM 22
SODIUM 24
SODIUM VAPOR
METALS
ALKALI METALS
SODIUM
LIQUID SODIUM
SODIUM ISOTOPES
SODIUM 22
SODIUM 24
SODIUM VAPOR
RT DAWSONITE
ELECTROLYTE METABOLISM
LIQUID METAL COOLED REACTORS

SODIUM ALLOYS
GS ALLOYS
SODIUM ALLOYS

SODIUM AZIDES
GS NITROGEN COMPOUNDS
AZIDES (INORGANIC)
SODIUM AZIDES
AZIDES (ORGANIC)
SODIUM AZIDES
SODIUM COMPOUNDS
SODIUM AZIDES
RT DETONATORS
EXPLOSIVES

SODIUM BROMIDES
GS HALOGEN COMPOUNDS
BROMINE COMPOUNDS
BROMIDES
SODIUM BROMIDES
HALIDES
BROMIDES
SODIUM BROMIDES
METAL HALIDES
ALKALI HALIDES
SODIUM BROMIDES
SODIUM COMPOUNDS

SODIUM BROMIDES--(cont.)
SODIUM BROMIDES

SODIUM CARBONATES
GS CARBON COMPOUNDS
CARBONATES
SODIUM CARBONATES
SODIUM COMPOUNDS
SODIUM CARBONATES
RT DAWSONITE

SODIUM CHLORIDES
GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
SODIUM CHLORIDES
HALIDES
CHLORIDES
SODIUM CHLORIDES
METAL HALIDES
ALKALI HALIDES
SODIUM CHLORIDES
SODIUM COMPOUNDS
SODIUM CHLORIDES
RT MOLTEN SALTS
SALT BEDS
∞ SALTS

SODIUM CHLORODIFLUOROACETATES
GS ACETATES
SODIUM CHLORODIFLUOROACETATES
ESTERS
SODIUM CHLORODIFLUOROACETATES

SODIUM CHROMITES
GS CHROMIUM COMPOUNDS
SODIUM CHROMITES
SODIUM COMPOUNDS
SODIUM CHROMITES

SODIUM COMPOUNDS
GS SODIUM COMPOUNDS
CRYOLITE
NEMBTAL (TRADEMARK)
NEPHELINE
SODIUM AZIDES
SODIUM BROMIDES
SODIUM CARBONATES
SODIUM CHLORIDES
SODIUM CHROMITES
SODIUM FLUORIDES
SODIUM GALLATES
SODIUM HYDRIDES
SODIUM HYDROXIDES
SODIUM IODIDES
SODIUM NITRATES
SODIUM PEROXIDES
SODIUM SALICYLATES
SODIUM SILICATES
SPODUMENE
TALC
TOURMALINE
SODIUM SULFATES
SODIUM SULFITES
RT ∞ ALKALI METAL COMPOUNDS
BLOEDITE
∞ CHEMICAL COMPOUNDS
∞ METAL COMPOUNDS

SODIUM COOLING
SN (COOLING WITH SODIUM)
GS COOLING
SODIUM COOLING
RT COOLANTS
LIQUID COOLED REACTORS
LIQUID COOLING

SODIUM FLUORIDES
GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
SODIUM FLUORIDES
HALIDES
METAL HALIDES
ALKALI HALIDES
SODIUM FLUORIDES
SODIUM COMPOUNDS
SODIUM FLUORIDES

SODIUM GALLATES
GS GALLIUM COMPOUNDS
GALLATES
SODIUM GALLATES
SODIUM COMPOUNDS

SODIUM GALLATES--(cont.)
SODIUM GALLATES

SODIUM GRAPHITE REACTORS

- UF SGR (NUCLEAR REACTORS)
- GS NUCLEAR REACTORS
 - .. LIQUID COOLED REACTORS
 - .. LIQUID METAL COOLED REACTORS
 - .. **SODIUM GRAPHITE REACTORS**
- RT HALLAM NUCLEAR POWER FACILITY
 NUCLEAR POWER REACTORS

SODIUM HYDRIDES

- GS HYDROGEN COMPOUNDS
 - .. HYDRIDES
 - .. METAL HYDRIDES
 - .. **SODIUM HYDRIDES**
- SODIUM COMPOUNDS
- SODIUM HYDRIDES**

SODIUM HYDROXIDES

- GS BASES (CHEMICAL)
 - .. ALKALIES
 - .. **SODIUM HYDROXIDES**
- HYDROXIDES
- SODIUM HYDROXIDES**
- SODIUM COMPOUNDS
- SODIUM HYDROXIDES**

SODIUM IODIDES

- GS HALOGEN COMPOUNDS
 - .. HALIDES
 - .. METAL HALIDES
 - .. ALKALI HALIDES
 - .. **SODIUM IODIDES**
- IODINE COMPOUNDS
- .. IODIDES
- .. **SODIUM IODIDES**
- SODIUM COMPOUNDS
- SODIUM IODIDES**

SODIUM ISOTOPES

- GS CHEMICAL ELEMENTS
 - .. ALKALI METALS
 - .. SODIUM
 - .. **SODIUM ISOTOPES**
 - .. SODIUM 22
 - .. SODIUM 24
- NUCLIDES
- .. ISOTOPES
- .. **SODIUM ISOTOPES**
- .. SODIUM 22
- .. SODIUM 24
- METALS
- .. ALKALI METALS
- .. SODIUM
- .. **SODIUM ISOTOPES**
- .. SODIUM 22
- .. SODIUM 24

SODIUM NITRATES

- GS NITROGEN COMPOUNDS
 - .. NITRATES
 - .. INORGANIC NITRATES
 - .. **SODIUM NITRATES**
- SODIUM COMPOUNDS
- SODIUM NITRATES**

SODIUM PEROXIDES

- GS CHALCOGENIDES
 - .. OXIDES
 - .. ANHYDRIDES
 - .. PEROXIDES
 - .. **SODIUM PEROXIDES**
- METAL OXIDES
- .. **SODIUM PEROXIDES**
- SODIUM COMPOUNDS
- SODIUM PEROXIDES**

SODIUM REACTOR EXPERIMENT

- UF SRE REACTOR
- GS NUCLEAR REACTORS
 - .. LIQUID COOLED REACTORS
 - .. LIQUID METAL COOLED REACTORS
 - .. **SODIUM REACTOR EXPERIMENT**
- NUCLEAR RESEARCH AND TEST REACTORS
- .. **SODIUM REACTOR EXPERIMENT**

SODIUM SALICYLATES

- GS ESTERS
 - .. **SODIUM SALICYLATES**
- SALICYLATES
- SODIUM SALICYLATES**

SODIUM SALICYLATES--(cont.)
SODIUM COMPOUNDS
SODIUM SALICYLATES

SODIUM SILICATES

- GS SILICON COMPOUNDS
 - .. SILICATES
 - .. **SODIUM SILICATES**
- .. SPODUMENE
- .. TALC
- .. TOURMALINE
- SODIUM COMPOUNDS
- SODIUM SILICATES**
- .. SPODUMENE
- .. TALC
- .. TOURMALINE
- RT MINERALS

SODIUM SULFATES

- GS SODIUM COMPOUNDS
 - .. **SODIUM SULFATES**
- SULFUR COMPOUNDS
- .. SULFATES
- .. **SODIUM SULFATES**

SODIUM SULFITES

- GS SODIUM COMPOUNDS
 - .. **SODIUM SULFITES**
- SULFUR COMPOUNDS
- .. SULFITES
- .. **SODIUM SULFITES**

SODIUM SULFUR BATTERIES

- GS ELECTRIC GENERATORS
 - .. DIRECT POWER GENERATORS
 - .. PRIMARY BATTERIES
 - .. **SODIUM SULFUR BATTERIES**
- ELECTROCHEMICAL CELLS
- .. ELECTRIC BATTERIES
- .. PRIMARY BATTERIES
- .. **SODIUM SULFUR BATTERIES**
- RT ∞ ELECTRIC CELLS

SODIUM VAPOR

- GS CHEMICAL ELEMENTS
 - .. ALKALI METALS
 - .. SODIUM
 - .. **SODIUM VAPOR**
- METALS
- .. ALKALI METALS
- .. SODIUM
- .. **SODIUM VAPOR**
- .. METAL VAPORS
- .. **SODIUM VAPOR**
- VAPORS
- .. METAL VAPORS
- .. **SODIUM VAPOR**
- RT MERCURY VAPOR

SODIUM 22

- GS CHEMICAL ELEMENTS
 - .. ALKALI METALS
 - .. SODIUM
 - .. SODIUM ISOTOPES
 - .. **SODIUM 22**
- NUCLIDES
- .. ISOTOPES
- .. RADIOACTIVE ISOTOPES
- .. **SODIUM 22**
- .. SODIUM ISOTOPES
- .. **SODIUM 22**
- METALS
- .. ALKALI METALS
- .. SODIUM
- .. SODIUM ISOTOPES
- .. **SODIUM 22**

SODIUM 24

- GS CHEMICAL ELEMENTS
 - .. ALKALI METALS
 - .. SODIUM
 - .. SODIUM ISOTOPES
 - .. **SODIUM 24**
- NUCLIDES
- .. ISOTOPES
- .. RADIOACTIVE ISOTOPES
- .. **SODIUM 24**
- .. SODIUM ISOTOPES
- .. **SODIUM 24**
- METALS
- .. ALKALI METALS
- .. SODIUM
- .. SODIUM ISOTOPES
- .. **SODIUM 24**

SOFAR

- USE SOUND FIXING AND RANGING

SOFIA (AIRBORNE OBSERVATORY)

- SN (STRATOSPHERIC OBSERVATORY FOR INFRARED ASTRONOMY)
- UF STRATOSPHERIC OBSERVATORY FOR IR ASTRONOMY
- GS OBSERVATORIES
 - .. ASTRONOMICAL OBSERVATORIES
 - .. **SOFIA (AIRBORNE OBSERVATORY)**
- RT KUIPER AIRBORNE OBSERVATORY
 SPACEBORNE ASTRONOMY

SOFT LANDING

- SN (SPACECRAFT OR AIRCRAFT)
- UF SOFT RECOVERY
- GS LANDING
 - .. **SOFT LANDING**
- RT AIRCRAFT LANDING
 - ∞ ASTRONAUTICS
 - CRASH LANDING
 - GLIDE LANDINGS
 - HARD LANDING
 - HORIZONTAL SPACECRAFT LANDING
 - LUNAR LANDING
 - MARS LANDING
 - PLANETARY LANDING
 - SPACECRAFT LANDING
 - SURVEYOR PROJECT
 - VIKING 1975 ENTRY VEHICLE
 - WATER LANDING

SOFT LANDING SPACECRAFT

- UF SLV (SOFT LANDING VEHICLES)
- GS **SOFT LANDING SPACECRAFT**
 - .. AEROSPACE PLANES
 - .. HOTOL LAUNCH VEHICLE
 - .. X-30 VEHICLE
 - .. APOLLO SPACECRAFT
 - .. APOLLO LUNAR EXPERIMENT MODULE
 - .. ASTRO VEHICLE
 - .. BURAN SPACE SHUTTLE
 - .. GEMINI B SPACECRAFT
 - .. GEMINI SPACECRAFT
 - .. GEMINI (GT-1) SPACECRAFT
 - .. GEMINI 2 SPACECRAFT
 - .. JANUS SPACECRAFT
 - .. LANDING MODULES
 - .. LUNAR LANDING MODULES
 - .. LUNAR MODULE
 - .. APOLLO LUNAR EXPERIMENT MODULE
 - .. LSSM
 - .. LUNAR MODULE 5
 - .. LUNAR MODULE 7
 - .. MARS EXCURSION MODULE
 - .. MERCURY SPACECRAFT
 - .. AURORA 7
 - .. FAITH 7
 - .. FRIENDSHIP 7
 - .. SIGMA 7
 - .. SURVEYOR LUNAR PROBES
 - .. SURVEYOR 1 LUNAR PROBE
 - .. SURVEYOR 2 LUNAR PROBE
 - .. SURVEYOR 3 LUNAR PROBE
 - .. SURVEYOR 4 LUNAR PROBE
 - .. SURVEYOR 5 LUNAR PROBE
 - .. SURVEYOR 6 LUNAR PROBE
 - .. SURVEYOR 7 LUNAR PROBE
 - .. VOSKHOD MANNED SPACECRAFT
 - .. VOSKHOD 1 SPACECRAFT
 - .. VOSKHOD 2 SPACECRAFT
 - .. VOSTOK SPACECRAFT
 - .. VOSTOK 1 SPACECRAFT
 - .. VOSTOK 2 SPACECRAFT
 - .. VOSTOK 3 SPACECRAFT
 - .. VOSTOK 4 SPACECRAFT
 - .. VOSTOK 5 SPACECRAFT
 - .. VOSTOK 6 SPACECRAFT
- RT APOLLO PROJECT
 - FERRY SPACECRAFT
 - HOVERING ROCKET VEHICLES
 - LUNAR PROBES
 - REUSABLE SPACECRAFT
 - SPACE CAPSULES
 - ∞ SPACECRAFT
 - SPACECRAFT LANDING
 - SURVEYOR PROJECT
 - X-20 AIRCRAFT

SOFT RECOVERY

- USE SOFT LANDING

SOFTENING

SN (EXCLUDES WATER SOFTENING)
 GS **SOFTENING**
 . WORK SOFTENING
 RT ANNEALING
 DEIONIZATION
 DEMINERALIZING
 DIGESTING
 DISSOLVING
 HARDENING (MATERIALS)
 ION EXCHANGING

SOFTNESS

RT DUCTILITY
 ELASTIC PROPERTIES
 FLEXIBILITY
 HARDNESS
 STIFFNESS

SOFTWARE (COMPUTERS)

USE COMPUTER PROGRAMS
 COMPUTER SYSTEMS PROGRAMS

SOFTWARE ENGINEERING

GS **SOFTWARE ENGINEERING**
 . COMPUTER PROGRAMMING
 . ASSEMBLER ROUTINES
 . LANGUAGE PROGRAMMING
 . LOGIC PROGRAMMING
 . MICROPROGRAMMING
 . MULTIPROGRAMMING
 . OBJECT-ORIENTED PROGRAMMING
 . ON-LINE PROGRAMMING
 . PARALLEL PROGRAMMING
 . STRUCTURED PROGRAMMING
 . SYMBOLIC PROGRAMMING
 RT COMPUTER PROGRAMS
 COMPUTER SYSTEMS DESIGN
 COMPUTER SYSTEMS PROGRAMS
 COMPUTER VIRUSES
 DATA BASES
 PROGRAMMING ENVIRONMENTS
 REVERSE ENGINEERING
 SOFTWARE RELIABILITY
 SOFTWARE REUSE
 SOFTWARE TOOLS
 SYSTEMS ENGINEERING
 UNIX (OPERATING SYSTEM)

SOFTWARE ENGINEERING ENVIRONMENTS

USE PROGRAMMING ENVIRONMENTS

SOFTWARE RELIABILITY

UF COMPUTER PROGRAM RELIABILITY
 PROGRAM RELIABILITY (COMPUTERS)
 GS RELIABILITY
 . **SOFTWARE RELIABILITY**
 . . COMPUTER PROGRAM INTEGRITY
 RT COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS PERFORMANCE
 PROGRAM VERIFICATION (COMPUTERS)
 RELIABILITY ANALYSIS
 SOFTWARE ENGINEERING

SOFTWARE REUSE

GS UTILIZATION
 . REUSE
 . . **SOFTWARE REUSE**
 RT COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 PRODUCTIVITY
 SOFTWARE ENGINEERING
 SOFTWARE TOOLS

SOFTWARE TOOLS

RT ARCHITECTURE (COMPUTERS)
 COMPUTER PROGRAMMING
 COMPUTER PROGRAMS
 COMPUTER SYSTEMS DESIGN
 COMPUTER SYSTEMS PROGRAMS
 DATA BASE MANAGEMENT SYSTEMS
 PROGRAM VERIFICATION (COMPUTERS)
 PROGRAMMING ENVIRONMENTS
 REVERSE ENGINEERING
 SCIENTIFIC VISUALIZATION
 SOFTWARE ENGINEERING
 SOFTWARE REUSE
 WINDOWS (COMPUTER PROGRAMS)

SOHO MISSION

UF SOLAR AND HELIOSPHERIC
 OBSERVATORY
 GS SPACE MISSIONS
 . **SOHO MISSION**

SOHO MISSION--(cont.)

RT CLUSTER MISSION
 ESA SATELLITES
 EUROPEAN SPACE PROGRAMS
 HELIOSPHERE
 INTERNATIONAL COOPERATION
 ∞ MISSIONS
 SCIENTIFIC SATELLITES
 SOLAR CORONA
 SOLAR INTERIOR
 SOLAR OBSERVATORIES
 SOLAR WIND

SOI (SEMICONDUCTORS)

UF SILICON-ON-INSULATOR
 SEMICONDUCTORS
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . **SOI (SEMICONDUCTORS)**
 RT FIELD EFFECT TRANSISTORS
 METAL OXIDE SEMICONDUCTORS
 SILICON FILMS
 SILICON JUNCTIONS
 SILICON TRANSISTORS
 SIS (SEMICONDUCTORS)
 SOS (SEMICONDUCTORS)

SOIL EROSION

GS EROSION
 . **SOIL EROSION**
 RT ABRASION
 ATMOSPHERIC EFFECTS
 DETERIORATION
 ENVIRONMENT EFFECTS
 HYDROGEOLOGY
 LANDSLIDES
 OUTLIERS (LANDFORMS)
 RAIN EROSION
 RAIN IMPACT DAMAGE
 SOILS
 WATER EROSION
 WEATHERING
 WIND EFFECTS

SOIL MAPPING

GS MAPPING
 . **SOIL MAPPING**
 RT GEOGRAPHIC APPLICATIONS PROGRAM
 MAPS
 PHOTOMAPPING
 SOILS
 SPOT (FRENCH SATELLITE)
 SURVEYS
 TERRAIN ANALYSIS

SOIL MECHANICS

RT CRUSTAL FRACTURES
 FRACTURE MECHANICS
 GEOTECHNICAL ENGINEERING
 GEOTECHNICAL FABRICS
 ROCK MECHANICS

SOIL MOISTURE

GS MOISTURE
 . **SOIL MOISTURE**
 RT LYSIMETERS
 MOISTURE CONTENT
 PLANT STRESS
 SOILS
 VEGETATION GROWTH

SOIL SCIENCE

UF PEDOLOGY
 AGRICULTURE
 RT CONSERVATION
 EROSION
 SOILS
 VEGETATION GROWTH

SOILS

GS **SOILS**
 . ALLUVIUM
 . DIRT
 . GRAVELS
 . LATERITES
 . LUNAR SOIL
 . . LUNAR DUST
 . MUD
 . PERMAFROST
 . SANDS
 . . MONAZITE SANDS
 . . TAR SANDS
 RT ANDESITE
 ANORTHOSITE

SOILS--(cont.)

ATAXITE
 BARREN LAND
 BASALT
 BEDROCK
 BENTONITE
 BOREHOLES
 BRECCIA
 CARBONACEOUS ROCKS
 CLAYS
 COAL
 CONSERVATION
 CULTIVATION
 DELTAS
 DIORITE
 DUNITE
 EARTH RESOURCES
 ECLOGITE
 ENSTATITE
 FORMATIONS
 GEOLOGY
 GNEISS
 GRANITE
 IGNEOUS ROCKS
 ILLITE
 KAOLINITE
 LAND
 LANDSLIDES
 LAVA
 LIMESTONE
 LYSIMETERS
 MAGMA
 MINERALS
 MOLDAVITE
 MUSKEGS
 OBSIDIAN
 OLIVINE
 PERIDOTITE
 PLANTING
 POLYURETHANE FOAM
 POROUS MATERIALS
 PUMICE
 PYROXENES
 QUARTZ
 ROCKS
 SANDSTONES
 SEDIMENTARY ROCKS
 SERPENTINE
 SHALES
 SOIL EROSION
 SOIL MAPPING
 SOIL MOISTURE
 SOIL SCIENCE
 STRIP MINING
 SYENITE
 TRACHYTE
 TUNNELING (EXCAVATION)
 VADOSE WATER
 VEGETATION GROWTH

SOL-GEL PROCESSES

RT CERAMIC NUCLEAR FUELS
 NUCLEAR FUELS
 ∞ PROCESSES

SOLAR ACTIVITY

GS STELLAR ACTIVITY
 . **SOLAR ACTIVITY**
 . . FACULAE
 . . SOLAR FLARES
 . . SOLAR PROMINENCES
 . . SOLAR STORMS
 . . SPICULES
 . . SUNSPOTS
 RT ∞ ACTIVITY
 AURORAS
 ∞ DISTURBANCES
 INTERNATIONAL QUIET SUN YEAR
 IRIS SATELLITES
 MAGNETIC DISTURBANCES
 PROMINENCES
 RADIO AURORAS
 SOLAR CONVECTION (ASTRONOMY)
 SOLAR INTERIOR
 SOLAR PLANETARY INTERACTIONS
 STARSPOTS
 SUN
 SUNSPOT CYCLE

SOLAR ACTIVITY EFFECTS

RT BLACKOUT (PROPAGATION)
 ∞ EFFECTS
 GALACTIC COSMIC RAYS
 HELIOSPHERE
 MAGNETIC DISTURBANCES

SOLAR ACTIVITY EFFECTS--(cont.)

SECULAR VARIATIONS
SOLAR OSCILLATIONS
SOLAR PLANETARY INTERACTIONS
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS
SUN

SOLAR AND HELIOSPHERIC OBSERVATORY

USE SOHO MISSION

SOLAR ARRAYS

UF ROLLUP SOLAR ARRAYS
GS ARRAYS
 SOLAR ARRAYS
 . SOLAR BLANKETS
RT . ELECTROSTATIC BONDING
 PAYLOAD DELIVERY (STS)
 PHOTOVOLTAIC CONVERSION
 POWER MODULES (STS)
 SATELLITE POWER TRANSMISSION
 SELF SHADOWING
 SOLAR ATRIUMS
 SPACE STATION POWER SUPPLIES
 SUN

SOLAR ATMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . STELLAR ATMOSPHERES
 . **SOLAR ATMOSPHERE**
 . . . SOLAR TRANSITION REGION
RT . ATMOSPHERES
 CHROMOSPHERE
 M REGION
 PHOTOSPHERE
 SOLAR CONVECTION (ASTRONOMY)
 SOLAR OSCILLATIONS
 SPICULES
 STELLAR STRUCTURE
 SUN

SOLAR ATRIUMS

RT SOLAR ARRAYS
 SOLAR HEATING
 SOLAR REFLECTORS
 SPACE HEATING (BUILDINGS)
 SUN

SOLAR AUXILIARY POWER UNITS

GS AUXILIARY POWER SOURCES
 . **SOLAR AUXILIARY POWER UNITS**
 . . ASTEC SOLAR TURBOELECTRIC
 GENERATOR
 ELECTRIC GENERATORS
 . SOLAR GENERATORS
 . **SOLAR AUXILIARY POWER UNITS**
 . . . ASTEC SOLAR TURBOELECTRIC
 GENERATOR
RT SUN

SOLAR AZIMUTH

USE AZIMUTH
 SOLAR POSITION

SOLAR BACKSCATTER UV SPECTROMETER

GS MEASURING INSTRUMENTS
 . SPECTROMETERS
 . **SOLAR BACKSCATTER UV
 SPECTROMETER**
RT IRRADIANCE
 SATELLITE-BORNE INSTRUMENTS

SOLAR BLANKETS

GS ARRAYS
 . SOLAR ARRAYS
 . **SOLAR BLANKETS**
 ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . THERMIONIC CONVERTERS
 . . **SOLAR BLANKETS**
RT . BLANKETS
 . . CONVERTERS
 SUN

SOLAR CELL CALIBRATION FACILITY

UF SCOF
GS PAYLOADS
 . SPACELAB PAYLOADS
 . **SOLAR CELL CALIBRATION FACILITY**
RT . CALIBRATING
 . . FACILITIES
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SOLAR CELLS

UF SILICON SOLAR CELLS
WRAPAROUND CONTACT SOLAR CELLS
GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . PHOTOELECTRIC GENERATORS
 . . . PHOTOVOLTAIC CELLS
 . . . **SOLAR CELLS**
 VERTICAL JUNCTION SOLAR
 CELLS
 . SOLAR GENERATORS
 . . **SOLAR CELLS**
 . . . VERTICAL JUNCTION SOLAR CELLS
 ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . . . PHOTOVOLTAIC CELLS
 . . . **SOLAR CELLS**
 VERTICAL JUNCTION SOLAR
 CELLS
RT PHOTOELECTRIC CELLS
 . PHOTOVOLTAIC CELLS
 . **SOLAR CELLS**
 . . . VERTICAL JUNCTION SOLAR CELLS
AMORPHOUS SILICON
ANTIREFLECTION COATINGS
CARRIER LIFETIME
CARRIER TRANSPORT (SOLID STATE)
∞ CELLS
∞ DIFFUSION LENGTH
∞ ELECTRIC CELLS
ELECTROSTATIC BONDING
FLOAT ZONES
FUEL CELLS
HETEROJUNCTIONS
HOMOJUNCTIONS
OPEN CIRCUIT VOLTAGE
P-I-N JUNCTIONS
PHOTODIODES
PHOTOVOLTAIC CONVERSION
QUANTUM EFFICIENCY
SATELLITE POWER TRANSMISSION
SATELLITE SOLAR ENERGY
CONVERSION
SATELLITE SOLAR POWER STATIONS
SHORT CIRCUIT CURRENTS
SIS (SEMICONDUCTORS)
SOLAR POWERED AIRCRAFT
SPACE STATION POWER SUPPLIES
SPECTROPHOTOVOLTAICS
SUN
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS
TUNNEL JUNCTIONS

SOLAR COLLECTORS

UF SOLAR RECEIVERS
GS ACCUMULATORS
 . **SOLAR COLLECTORS**
 REFLECTORS
 . SOLAR REFLECTORS
 . **SOLAR COLLECTORS**
RT CONCENTRATORS
 MIRRORS
 PHOTOTHERMAL CONVERSION
 SELECTIVE SURFACES
 SOLAR DYNAMIC POWER SYSTEMS
 SPACE COOLING (BUILDINGS)
 SPECTROPHOTOVOLTAICS
 SUN

SOLAR COMPANION STAR

USE NEMESIS (STAR)

SOLAR COMPASSES

GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . COMPASSES
 . . **SOLAR COMPASSES**
 NAVIGATION AIDS
 . NAVIGATION INSTRUMENTS
 . . COMPASSES
 . . **SOLAR COMPASSES**
RT AIR NAVIGATION
 AIR TRAFFIC CONTROL
 AIRCRAFT SAFETY
 AIRPORT BEACONS
 ALL-WEATHER AIR NAVIGATION
 APPROACH INDICATORS
 AUTOMATIC FLIGHT CONTROL
 AUTOMATIC PILOTS
 BEACONS
 DECCA NAVIGATION
 DISPLAY DEVICES
 DISTANCE MEASURING EQUIPMENT

SOLAR CORPUSCULAR RADIATION**SOLAR COMPASSES--(cont.)**

FLIGHT CONTROL
FLIGHT INSTRUMENTS
FLIGHT PATHS
GYROCOMPASSES
HELIPORTS
HOMING DEVICES
LANDING AIDS
LORAN
MAGNETIC COMPASSES
OMNIDIRECTIONAL RADIO RANGES
POSITION INDICATORS
RADAR BEACONS
RADIO BEACONS
RADIO NAVIGATION
SELF CALIBRATING OMNIRANGE
SHORAN
SUN
TACAN
VHF OMNIRANGE NAVIGATION
WEATHER

SOLAR CONSTANT

GS CONSTANTS
 . **SOLAR CONSTANT**
 RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . IRRADIANCE
 . . . **SOLAR CONSTANT**
 . . . SOLAR FLUX DENSITY
 . . . **SOLAR CONSTANT**
RT ILLUMINANCE
 PARTICLE FLUX DENSITY
 SUN

SOLAR CONVECTION (ASTRONOMY)

SN (LIMITED TO CONVECTION PHENOMENA
OF THE SOLAR ATMOSPHERE AND
INTERIOR)
GS CONVECTION
 . STELLAR CONVECTION
 . . **SOLAR CONVECTION (ASTRONOMY)**
RT BENARD CELLS
 CONVECTION CURRENTS
 CONVECTIVE FLOW
 DYNAMO THEORY
 FLUID FLOW
 FREE CONVECTION
 RAYLEIGH-BENARD CONVECTION
 SOLAR ACTIVITY
 SOLAR ATMOSPHERE
 SOLAR INTERIOR
 SOLAR MAGNETIC FIELD
 SOLAR PHYSICS

SOLAR CONVERTERS

USE SOLAR GENERATORS

SOLAR COOLING

GS COOLING
 . **SOLAR COOLING**
RT COOLING SYSTEMS
 DOMESTIC ENERGY
 ENERGY TECHNOLOGY
 RESIDENTIAL ENERGY
 SPACE COOLING (BUILDINGS)
 SUN

SOLAR CORONA

UF SOLAR NEBULA
GS CORONAS
 . STELLAR CORONAS
 . . **SOLAR CORONA**
 . . . CORONAL HOLES
 . . . CORONAL LOOPS
RT CHROMOSPHERE
 ELECTRIC CORONA
 MAGNETIC CLOUDS
 NEBULAE
 SOHO MISSION
 SOLAR TRANSITION REGION
 STELLAR STRUCTURE
 SUN

SOLAR CORPUSCULAR RADIATION

UF SOLAR STREAMS
GS EXTRATERRESTRIAL RADIATION
 . SOLAR RADIATION
 . . **SOLAR CORPUSCULAR RADIATION**
 . . . SOLAR ELECTRONS
 . . . SOLAR NEUTRINOS
 . . . SOLAR NEUTRONS
 . . . SOLAR PROTONS
 PARTICLES

SOLAR CORPUSCULAR RADIATION--(cont.)

- . CORPUSCULAR RADIATION
- . . . **SOLAR CORPUSCULAR RADIATION**
- SOLAR ELECTRONS
- SOLAR NEUTRONS
- SOLAR PROTONS
- RT M REGION
- ∞ RADIATION
- SOLAR PLANETARY INTERACTIONS
- SUDDEN STORM COMMENCEMENTS
- SUN

SOLAR COSMIC RAYS

- GS EXTRATERRESTRIAL RADIATION
- . PRIMARY COSMIC RAYS
- . . **SOLAR COSMIC RAYS**
- . . . SOLAR RADIATION
- . . . **SOLAR COSMIC RAYS**
- IONIZING RADIATION
- COSMIC RAYS
- PRIMARY COSMIC RAYS
- **SOLAR COSMIC RAYS**
- PARTICLES
- CORPUSCULAR RADIATION
- PRIMARY COSMIC RAYS
- **SOLAR COSMIC RAYS**
- RT ELECTRON ACCELERATION
- ENERGETIC PARTICLES
- GRIST (TELESCOPE)
- SUN

SOLAR CYCLES

- GS CYCLES
- . **SOLAR CYCLES**
- . . SUNSPOT CYCLE
- RT INTERNATIONAL QUIET SUN YEAR
- IRIS SATELLITES
- SECULAR VARIATIONS
- SUN
- SUNSPOTS
- TWENTY-SEVEN DAY VARIATION

SOLAR DIAMETER

- RT ASTROMETRY
- ∞ SCIENCE
- SOLAR ECLIPSES

SOLAR DISK

- USE SUN

SOLAR DYNAMIC POWER SYSTEMS

- GS ELECTRIC GENERATORS
- . SOLAR GENERATORS
- . . **SOLAR DYNAMIC POWER SYSTEMS**
- . . . ELECTRIC POWER SUPPLIES
- . . . **SOLAR DYNAMIC POWER SYSTEMS**
- RT BRAYTON CYCLE
- HEAT STORAGE
- PHOTOTHERMAL CONVERSION
- RANKINE CYCLE
- SOLAR COLLECTORS
- SOLAR ENERGY CONVERSION
- SOLAR THERMAL ELECTRIC POWER
- PLANTS
- SPACE STATION POWER SUPPLIES
- SPACECRAFT POWER SUPPLIES
- STIRLING CYCLE

SOLAR DYNAMICS

- USE HELIOSEISMOLOGY

SOLAR ECLIPSES

- GS ECLIPSES
- . **SOLAR ECLIPSES**
- . . OCCULTATION
- . . . LUNAR OCCULTATION
- . . . **SOLAR ECLIPSES**
- RT LUNAR SHADOW
- SOLAR DIAMETER
- SUN

SOLAR ELECTRIC PROPULSION

- GS PROPULSION
- . ELECTRIC PROPULSION
- . . **SOLAR ELECTRIC PROPULSION**
- . . . LOW THRUST PROPULSION
- . . . SOLAR PROPULSION
- . . . **SOLAR ELECTRIC PROPULSION**
- SPACECRAFT PROPULSION
- SOLAR PROPULSION
- **SOLAR ELECTRIC PROPULSION**
- RT SOLAR POWERED AIRCRAFT
- SOLAR THERMAL PROPULSION
- SPACE STATION PROPULSION
- SUN

SOLAR ELECTRONS

- GS EXTRATERRESTRIAL RADIATION
- . SOLAR RADIATION
- . . SOLAR CORPUSCULAR RADIATION
- . . . **SOLAR ELECTRONS**
- PARTICLES
- CORPUSCULAR RADIATION
- SOLAR CORPUSCULAR RADIATION
- **SOLAR ELECTRONS**
- RT SUN

SOLAR ENERGY

- RT CIRCUMSOLAR TELESCOPES
- CLEAN ENERGY
- ∞ ENERGY
- ENERGY ABSORPTION FILMS
- IRIS SATELLITES
- PHASE CHANGE MATERIALS
- SOLAR THERMAL ELECTRIC POWER
- PLANTS
- SOLETTAS
- SUN

SOLAR ENERGY ABSORBERS

- RT ABSORBERS (MATERIALS)
- ELECTROMAGNETIC ABSORPTION
- PHOTOTHERMAL CONVERSION
- SELECTIVE SURFACES
- SUN
- TROMBE WALLS

SOLAR ENERGY CONVERSION

- GS ENERGY CONVERSION
- . **SOLAR ENERGY CONVERSION**
- . . PHOTOTHERMAL CONVERSION
- . . . PHOTOVOLTAIC CONVERSION
- . . . SOLAR TOTAL ENERGY SYSTEMS
- RT COGENERATION
- ∞ CONVERSION
- ENERGY TECHNOLOGY
- HETEROJUNCTION DEVICES
- HYDROGEN PRODUCTION
- PHASE CHANGE MATERIALS
- PHOTOELECTRIC GENERATORS
- PHOTOELECTROCHEMICAL DEVICES
- SOLAR DYNAMIC POWER SYSTEMS
- SOLAR-PUMPED LASERS
- SPACE COOLING (BUILDINGS)
- SUN

SOLAR FACULAE

- USE FACULAE

SOLAR FLARES

- GS STELLAR ACTIVITY
- . SOLAR ACTIVITY
- . . **SOLAR FLARES**
- . . . STELLAR FLARES
- . . . **SOLAR FLARES**
- RT CORONAL LOOPS
- FLARE STARS
- ∞ FLARES
- ∞ FLASH
- FORBUSH DECREASES
- FORCE-FREE MAGNETIC FIELDS
- IRIS SATELLITES
- MAGNETIC DISTURBANCES
- SOLAR MAXIMUM MISSION
- SOLAR NEUTRONS
- SUDDEN STORM COMMENCEMENTS
- SUN
- SUNSPOTS

SOLAR FLUX

- SN (LIMITED TO ENERGY OR PARTICLES
- EMITTED FROM THE SUN PER UNIT
- TIME--SEE SOLAR FLUX DENSITY FOR
- ENERGY OR PARTICLE EMISSION OR
- DETECTION RATE PER UNIT AREA)
- GS RATES (PER TIME)
- . FLUX (RATE)
- . . **SOLAR FLUX**
- RT HEAT FLUX
- LIMB BRIGHTENING
- SUN

SOLAR FLUX DENSITY

- SN (LIMITED TO SOLAR ENERGY OR
- PARTICLE EMISSION OR DETECTION
- RATE UNIT AREA--SEE SOLAR FLUX
- FOR EMISSION RATE PER UNIT TIME)
- GS RATES (PER TIME)
- . FLUX DENSITY
- . . RADIANT FLUX DENSITY
- . . . **SOLAR FLUX DENSITY**

SOLAR FLUX DENSITY--(cont.)

- SOLAR CONSTANT
- RT ELECTRON FLUX DENSITY
- HELIOS SATELLITES
- ILLUMINANCE
- IRRADIANCE
- LIMB BRIGHTENING
- LUMINANCE
- LUMINOUS INTENSITY
- PARTICLE FLUX DENSITY
- PROTON FLUX DENSITY
- RADIANCE
- RADIANCY
- RADIATION PRESSURE
- SUN

SOLAR FURNACES

- GS HEATING EQUIPMENT
- . FURNACES
- . . **SOLAR FURNACES**
- RT FORBUSH DECREASES
- MELTING
- SUN
- VACUUM FURNACES

SOLAR GENERATORS

- UF SOLAR CONVERTERS
- SOLAR POWER GENERATION
- SOLAR POWER SOURCES
- GS ELECTRIC GENERATORS
- . **SOLAR GENERATORS**
- . . SOLAR AUXILIARY POWER UNITS
- . . . ASTEC SOLAR TURBOELECTRIC
- GENERATOR
- . . . SOLAR CELLS
- VERTICAL JUNCTION SOLAR CELLS
- . . . SOLAR DYNAMIC POWER SYSTEMS
- RT DIRECT POWER GENERATORS
- FUEL CELLS
- PADDLES
- PHOTOELECTRIC CELLS
- PHOTOELECTRIC GENERATORS
- PHOTOVOLTAIC CELLS
- ∞ POWER SUPPLIES
- RANKINE CYCLE
- SOLAR SEA POWER PLANTS
- SUN
- THERMOELECTRIC GENERATORS
- TURBOGENERATORS

SOLAR GRANULATION

- GS PHOTOSPHERE
- . **SOLAR GRANULATION**
- RT BENARD CELLS
- BRIGHTNESS DISTRIBUTION
- CONVECTION CURRENTS
- LIMB BRIGHTENING
- SUN
- SURFACE LAYERS
- TEMPERATURE EFFECTS

SOLAR GRAVITATION

- UF EJECTION
- GS GRAVITATION
- . STELLAR GRAVITATION
- . . **SOLAR GRAVITATION**
- RT SUN

SOLAR HEATING

- GS HEATING
- . **SOLAR HEATING**
- RT BIOCONVERSION
- HYDROTHERMAL SYSTEMS
- INSOLATION
- PHASE CHANGE MATERIALS
- RADIANT HEATING
- RESIDENTIAL ENERGY
- SOLAR ATRIUMS
- SPACE HEATING (BUILDINGS)
- SUN
- SUNLIGHT
- TROMBE WALLS

SOLAR HOUSES

- RT BUILDINGS
- DOMESTIC ENERGY
- ENERGY TECHNOLOGY
- HEAT STORAGE
- RESIDENTIAL ENERGY
- SPACE HEATING (BUILDINGS)
- SUN
- TROMBE WALLS

SOLAR INSTRUMENTS

- GS SOLAR INSTRUMENTS

SOLAR INSTRUMENTS--(cont.)

RT SPECTROHELIOGRAPHS
CELESCOPES
FILTERGRAMS
OPTICAL MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
SOLAR OPTICAL TELESCOPE
SPECTROMETERS
SUN
TELESCOPES

SOLAR INTERIOR

GS STELLAR INTERIORS
SOLAR INTERIOR
RT HELIOSEISMOLOGY
SOHO MISSION
SOLAR ACTIVITY
SOLAR CONVECTION (ASTRONOMY)
SOLAR PHYSICS
STELLAR CORES
STELLAR STRUCTURE
SUN

SOLAR LASERS

USE SOLAR-PUMPED LASERS

SOLAR LIMB

RT CORONAL LOOPS
LIMB BRIGHTENING
LIMB DARKENING
LIMBS
PLANETARY LIMB
SUN

SOLAR LONGITUDE

GS LONGITUDE
SOLAR LONGITUDE
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SUN

SOLAR MAGNETIC FIELD

UF HELIOMAGNETISM
GS MAGNETIC FIELDS
STELLAR MAGNETIC FIELDS
SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
FORCE-FREE MAGNETIC FIELDS
INTERPLANETARY MAGNETIC FIELDS
MAGNETIC FIELD RECONNECTION
SOLAR CONVECTION (ASTRONOMY)
SUN

SOLAR MAXIMUM MISSION

GS SPACE MISSIONS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
RT FLARES
FLUX DENSITY
GAMMA RAY SPECTROMETERS
MISSIONS
MULTIMISSION MODULAR SPACECRAFT
POLARIMETERS
PROGRAMS
SOLAR FLARES
SPACE PROGRAMS
SUN
ULTRAVIOLET SPECTROMETERS
ULYSSES MISSION

SOLAR MAXIMUM MISSION-A

UF SMM-A
GS SPACE MISSIONS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
RT MISSIONS
SPACE EXPLORATION
SPACECRAFT
SUN

SOLAR MESOSPHERE EXPLORER

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
SOLAR MESOSPHERE EXPLORER
RT ATMOSPHERIC COMPOSITION
MESOSPHERE
OZONE
SUN

SOLAR NEBULA

USE SOLAR CORONA

SOLAR NEIGHBORHOOD

RT ASTRONOMY
CELESTIAL BODIES
LOCAL GROUP (ASTRONOMY)
MILKY WAY GALAXY
NEMESIS (STAR)
SOLAR SYSTEM
STAR CLUSTERS
STARS
SUN

SOLAR NEUTRINOS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRINOS
PARTICLES
ELEMENTARY PARTICLES
FERMIONS
LEPTONS
NEUTRINOS
SOLAR NEUTRINOS
RT ASTRONOMICAL MODELS
ASTROPHYSICS
NUCLEAR REACTIONS
STELLAR MODELS
SUN

SOLAR NEUTRONS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRONS
PARTICLES
CORPUSCULAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRONS
ELEMENTARY PARTICLES
FERMIONS
NEUTRONS
SOLAR NEUTRONS
NEUTRAL PARTICLES
NEUTRONS
SOLAR NEUTRONS
RT NEUTRON FLUX DENSITY
SOLAR FLARES

SOLAR NOISE

USE SOLAR RADIO EMISSION

SOLAR OBLATENESS

RT OBLATE SPHEROIDS
SUN

SOLAR OBSERVATORIES

GS OBSERVATORIES
SOLAR OBSERVATORIES
OSO
AOSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
PINHOLE OCCULTER FACILITY
RT CORONAGRAPHS
SOHO MISSION
SUN

SOLAR OPTICAL TELESCOPE

UF SOT
GS TELESCOPES
SPACEBORNE TELESCOPES
SOLAR OPTICAL TELESCOPE
RT SOLAR INSTRUMENTS
SOLAR PHYSICS

SOLAR ORBITS

SN (RESTRICTED TO ORBITS AROUND THE SUN)
UF HELIOCENTRIC ORBITS
PLANETARY MOTION
GS ORBITS
SOLAR ORBITS
RT APHELIONS
CIRCULAR ORBITS
EARTH MOTION
ECLIPTIC
ELLIPTICAL ORBITS
HEOS SATELLITES
INTERPLANETARY TRAJECTORIES

SOLAR ORBITS--(cont.)

∞ MOTION
ORBITAL RESONANCES (CELESTIAL MECHANICS)
PERIHELIONS
PROTOPLANETS
SPACECRAFT ORBITS
SUN
TRANSFER ORBITS

SOLAR OSCILLATIONS

GS OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR MOTIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
RT ASTRONOMICAL MODELS
ATMOSPHERIC MODELS
CATACLYSMIC VARIABLES
SOLAR ACTIVITY EFFECTS
SOLAR ATMOSPHERE
STELLAR MODELS
SUN
VARIABLE STARS

SOLAR PARALLAX

GS PARALLAX
SOLAR PARALLAX
RT ASTRONOMY
STELLAR PARALLAX
SUN

SOLAR PHYSICS

GS ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS
RT FILTERGRAMS
HELIOSEISMOLOGY
INTERNATIONAL QUIET SUN YEAR
PHOTOSPHERE
PHYSICS
PLASMAS (PHYSICS)
SCIENCE
SOLAR CONVECTION (ASTRONOMY)
SOLAR INTERIOR
SOLAR OPTICAL TELESCOPE
SPARTAN SATELLITES
SUN

SOLAR PLANETARY INTERACTIONS

GS SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
RT EARTH MAGNETOSPHERE
MAGNETIC DISTURBANCES
MAGNETOSHEATH
PLANETARY ATMOSPHERES
PLANETARY MAGNETIC FIELDS
PLANETARY MAGNETOSPHERES
PLANETARY MAGNETOTAILS
PLASMA INTERACTIONS
SOLAR ACTIVITY
SOLAR ACTIVITY EFFECTS
SOLAR CORPUSCULAR RADIATION
SOLAR WIND
SOLAR WIND VELOCITY

SOLAR PLASMA (RADIATION)

USE SOLAR WIND

SOLAR PONDS (HEAT STORAGE)

RT ELECTRIC GENERATORS
ENERGY CONVERSION
PONDS
RESERVOIRS
SUN

SOLAR POSITION

UF SOLAR AZIMUTH
GS POSITION (LOCATION)
SOLAR POSITION
RT ASTROLABES
CELESTIAL NAVIGATION
EQUINOXES
SEASONS
SOLSTICES
SUN
ZENITH

SOLAR POWER GENERATION

USE SOLAR GENERATORS

SOLAR POWER SATELLITES

GS ARTIFICIAL SATELLITES

SOLAR POWER SATELLITES--(cont.)

RT **SOLAR POWER SATELLITES**
 . LARGE SPACE STRUCTURES
 . POWER BEAMING
 . SATELLITE POWER TRANSMISSION
 . SUN

SOLAR POWER SOURCES

USE **SOLAR GENERATORS**

SOLAR POWERED AIRCRAFT

RT ∞ **AIRCRAFT**
 . SOLAR CELLS
 . SOLAR ELECTRIC PROPULSION
 . SOLAR PROPULSION
 . SUN

SOLAR PROBES

GS **UNMANNED SPACECRAFT**
 . SPACE PROBES
 . **SOLAR PROBES**
 . . . HELIOS A
 . . . HELIOS B
 . . . HELIOS 1
 . . . HELIOS 2
 . . . STARPROBE SPACECRAFT
 . . . SUNBLAZER SPACE PROBE
 RT **HELIOS PROJECT**
 . PIONEER SPACE PROBES
 . SUN
 . ULYSSES MISSION

SOLAR PROMINENCES

UF **FILAMENTS (SOLAR PHYSICS)**
 GS **PROMINENCES**
 . **SOLAR PROMINENCES**
 . . . STELLAR ACTIVITY
 . . . SOLAR ACTIVITY
 . . . **SOLAR PROMINENCES**
 RT **CHROMOSPHERE**
 . SUN

SOLAR PROPULSION

GS **PROPULSION**
 . LOW THRUST PROPULSION
 . **SOLAR PROPULSION**
 . . . SOLAR ELECTRIC PROPULSION
 . . . SOLAR THERMAL PROPULSION
 . . . SPACECRAFT PROPULSION
 . **SOLAR PROPULSION**
 . . . SOLAR ELECTRIC PROPULSION
 . . . SOLAR THERMAL PROPULSION
 RT **SOLAR POWERED AIRCRAFT**
 . SUN

SOLAR PROTONS

GS **EXTRATERRESTRIAL RADIATION**
 . **SOLAR RADIATION**
 . . . SOLAR CORPUSCULAR RADIATION
 . . . **SOLAR PROTONS**
 . . . PARTICLES
 . . . CHARGED PARTICLES
 . . . PROTONS
 . . . **SOLAR PROTONS**
 . . . CORPUSCULAR RADIATION
 . . . SOLAR CORPUSCULAR RADIATION
 . . . **SOLAR PROTONS**
 . . . ELEMENTARY PARTICLES
 . . . FERMIONS
 . . . PROTONS
 . . . **SOLAR PROTONS**
 RT **BARYONS**
 . SUN

SOLAR RADAR ECHOES

GS **ECHOES**
 . RADAR ECHOES
 . . . **SOLAR RADAR ECHOES**
 RT **SUN**

SOLAR RADIATION

GS **EXTRATERRESTRIAL RADIATION**
 . **SOLAR RADIATION**
 . . . CIRCUMSOLAR RADIATION
 . . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 . . . SOLAR NEUTRINOS
 . . . SOLAR NEUTRONS
 . . . SOLAR PROTONS
 . . . SOLAR COSMIC RAYS
 . . . SOLAR RADIO EMISSION
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS

SOLAR RADIATION--(cont.)

. TYPE 5 BURSTS
 . . . SOLAR WIND
 . . . SOLAR X-RAYS
 . . . SUNLIGHT
 RT **AEROSPACE ENVIRONMENTS**
 . ALBEDO
 . ATMOSPHERIC REFRACTION
 . CIRCUMSOLAR TELESCOPES
 . CLIMATOLOGY
 . CLOUD COVER
 . CORPUSCULAR RADIATION
 . COSMIC NOISE
 . COSMIC RAYS
 . DAYGLOW
 . ELECTROMAGNETIC RADIATION
 . EXTREME ULTRAVIOLET RADIATION
 . GEGENSCHNEIN
 . INFRARED RADIATION
 . INSOLATION
 . IONIZING RADIATION
 . IRIS SATELLITES
 . LIGHT (VISIBLE RADIATION)
 . LONG WAVE RADIATION
 . LONGITUDINAL WAVES
 ∞ **RADIATION**
 . RADIATION BELTS
 . RADIATION PRESSURE
 . RADIATIVE TRANSFER
 . RADIO WAVES
 . RECTENNAS
 . SKY BRIGHTNESS
 . SOLAR-PUMPED LASERS
 . STELLAR RADIATION
 . SUN
 . THERMAL RADIATION
 . ULTRAVIOLET RADIATION
 . ZODIACAL LIGHT

SOLAR RADIATION SHIELDING

GS **PROTECTION**
 . RADIATION PROTECTION
 . . . RADIATION SHIELDING
 . . . **SOLAR RADIATION SHIELDING**
 . . . SHIELDING
 . . . RADIATION SHIELDING
 . . . **SOLAR RADIATION SHIELDING**
 RT ∞ **RADIATION**
 . SATELLITE TEMPERATURE
 . SPACECRAFT SHIELDING
 . SUN

SOLAR RADIATION 1 SATELLITE

GS **ARTIFICIAL SATELLITES**
 . **SOLAR RADIATION 1 SATELLITE**
 RT **GALACTIC RADIATION**
 ∞ **RADIATION**
 . SUN

SOLAR RADIATION 3 SATELLITE

GS **ARTIFICIAL SATELLITES**
 . **SOLAR RADIATION 3 SATELLITE**
 RT **GALACTIC RADIATION**
 ∞ **RADIATION**
 . SUN

SOLAR RADIO BURSTS

GS **BURSTS**
 . RADIO BURSTS
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . ELECTROMAGNETIC RADIATION
 . . . RADIO WAVES
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . RADIO BURSTS
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . RADIO EMISSION
 . . . RADIO BURSTS
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS

SOLAR RADIO BURSTS--(cont.)

. TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . EMISSION
 . . . RADIO EMISSION
 . . . RADIO BURSTS
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . EXTRATERRESTRIAL RADIATION
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . RADIO BURSTS
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIATION
 . . . SOLAR RADIO EMISSION
 . . . **SOLAR RADIO BURSTS**
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 RT **SUN**

SOLAR RADIO EMISSION

UF **SOLAR NOISE**
 . SOLAR RADIO WAVES
 GS **ELECTROMAGNETIC RADIATION**
 . RADIO WAVES
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . **SOLAR RADIO EMISSION**
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . RADIO EMISSION
 . . . **SOLAR RADIO EMISSION**
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . EMISSION
 . . . RADIO EMISSION
 . . . **SOLAR RADIO EMISSION**
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . EXTRATERRESTRIAL RADIATION
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . **SOLAR RADIO EMISSION**
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIATION
 . . . **SOLAR RADIO EMISSION**
 SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 RT **CORONAL HOLES**
 . COSMIC NOISE
 . DECIMETER WAVES
 . ELECTROMAGNETIC NOISE
 . MILLIMETER WAVES
 . RADIO BURSTS

SOLAR RADIO WAVES

USE SOLAR RADIO EMISSION

SOLAR RECEIVERS

USE SOLAR COLLECTORS

SOLAR REFLECTORS

GS REFLECTORS
 . SOLAR REFLECTORS
 . . SOLAR COLLECTORS
 . . SOLETTAS
 RT FOCUSING
 HEAT SHIELDING
 HELIOSTATS
 MIRRORS
 PARABOLIC REFLECTORS
 PARABOLOID MIRRORS
 PHOTOTHERMAL CONVERSION
 RADIANT FLUX DENSITY
 SOLAR ATRIUMS
 SPACECRAFT RADIATORS
 SUN

SOLAR ROTATION

UF CARRINGTON ROTATION
 GS GYRATION
 . ROTATION
 . . STELLAR ROTATION
 . . . SOLAR ROTATION
 STELLAR MOTIONS
 . STELLAR ROTATION
 . . SOLAR ROTATION
 RT SUN
 TWENTY-SEVEN DAY VARIATION

SOLAR SAILS

GS SAILS
 . SOLAR SAILS
 RT PROPULSION
 SPACE FLIGHT
 SPACECRAFT PROPULSION
 SUN

SOLAR SEA POWER PLANTS

GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . THERMOELECTRIC GENERATORS
 . . . SOLAR SEA POWER PLANTS
 RT ELECTRIC POWER PLANTS
 ENERGY CONVERSION
 ∞ GENERATORS
 OCEAN TEMPERATURE
 OCEAN THERMAL ENERGY CONVERSION
 ∞ POWER PLANTS
 SOLAR GENERATORS
 SUN

SOLAR SEISMOLOGY

USE HELIOSEISMOLOGY

SOLAR SELECTIVE COATINGS

USE SELECTIVE SURFACES

SOLAR SENSORS

UF SUN SENSORS
 RT ATTITUDE CONTROL
 GUIDANCE SENSORS
 IRIS SATELLITES
 NAVIGATION AIDS
 NAVIGATION INSTRUMENTS
 STAR TRACKERS
 SUN
 TRACKING (POSITION)

SOLAR SIMULATION

GS SIMULATION
 . SOLAR SIMULATION
 RT SPACE ENVIRONMENT SIMULATION
 SUN
 THERMAL SIMULATION

SOLAR SIMULATORS

GS SIMULATORS
 . ENVIRONMENT SIMULATORS
 . . SOLAR SIMULATORS
 RT SPACE SIMULATORS
 SUN
 TEST FACILITIES

SOLAR SPECTRA

GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . STELLAR SPECTRA

SOLAR SPECTRA--(cont.)

RT SOLAR SPECTRA
 ABSORPTION SPECTRA
 ASTRONOMICAL SPECTROSCOPY
 CONTINUOUS SPECTRA
 CORONAS
 D LINES
 EMISSION SPECTRA
 FILTERGRAMS
 FRAUNHOFER LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 H LINES
 INFRARED SPECTRA
 LINE SPECTRA
 LYMAN SPECTRA
 MOLECULAR SPECTRA
 OXYGEN SPECTRA
 SUN
 ULTRAVIOLET SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA

SOLAR SPECTROMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . SOLAR SPECTROMETERS
 . . SPECTROMETERS
 . . . SOLAR SPECTROMETERS
 RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 FILTER WHEEL INFRARED
 SPECTROMETERS
 INFRARED SPECTROMETERS
 SPECTROHELIOGRAPHS
 SUN
 ULTRAVIOLET SPECTROMETERS

SOLAR STORMS

GS STELLAR ACTIVITY
 . SOLAR ACTIVITY
 . . SOLAR STORMS
 STORMS
 . . SOLAR STORMS
 RT FORBUSH DECREASES
 IONOSPHERIC STORMS
 MAGNETIC STORMS
 NOISE STORMS
 SUN

SOLAR STREAMS

USE SOLAR CORPUSCULAR RADIATION

SOLAR SYSTEM

GS CELESTIAL BODIES
 . SOLAR SYSTEM
 PLANETARY SYSTEMS
 . SOLAR SYSTEM
 RT AMALTHEA
 AMOR ASTEROID
 APOLLO ASTEROIDS
 AREND-ROLAND COMET
 ASTEROID BELTS
 ASTEROID CAPTURE
 ASTEROIDS
 BRORSEN-METCALF COMET
 CELESTIAL MECHANICS
 CHARON
 CHIRON
 COMET HEADS
 COMET NUCLEI
 COMET TAILS
 COMETS
 EARTH-MOON SYSTEM
 GAS GIANT PLANETS
 GIACOBINI-ZINNER COMET
 GRIGG-SKJELLERUP COMET
 HALLEY'S COMET
 HUMASON COMET
 IRAS-ARAKI-ALCOCK COMET
 JUPITER SATELLITES
 KOHOOTEK COMET
 MERCURY SURFACE
 METEORIODS
 MOREHOUSE COMET
 MRKOS COMET
 NATURAL SATELLITES
 OORT CLOUD
 PLANETARY GEOLOGY
 PLANETS
 PROTOPLANETS
 RHEA (ASTRONOMY)
 SATURN RINGS

SOLAR SYSTEM--(cont.)

SCHWASSMANN-WACHMANN COMET
 SOLAR NEIGHBORHOOD
 SOLAR SYSTEM EVOLUTION
 SUN
 ∞ SYSTEMS
 TEMPEL 2 COMET
 TERRESTRIAL PLANETS
 TORO ASTEROID
 VENUS SURFACE
 VESTA ASTEROID
 VOYAGER 1977 MISSION
 WEST COMET

SOLAR SYSTEM EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 . SOLAR SYSTEM EVOLUTION
 RT LUNAR EVOLUTION
 PLANETARY EVOLUTION
 PLANETARY SYSTEMS
 PLANETS
 SOLAR SYSTEM
 STELLAR EVOLUTION
 SUN

SOLAR TEMPERATURE

GS TEMPERATURE
 . SOLAR TEMPERATURE
 RT SOLAR TRANSITION REGION
 SUN

SOLAR TERRESTRIAL INTERACTIONS

GS SOLAR PLANETARY INTERACTIONS
 . SOLAR TERRESTRIAL INTERACTIONS
 RT CLUSTER MISSION
 CORPUSCULAR RADIATION
 EARTH MAGNETOSPHERE
 ∞ FLARES
 ∞ INTERACTIONS
 INTERNATIONAL
 GEOSPHERE-BIOSPHERE PROGRAM
 MAGNETIC DISTURBANCES
 MAGNETIC STORMS
 MAGNETOSHEATH
 STORMS
 SUN
 SUNSPOTS
 WEATHER

SOLAR THERMAL ELECTRIC POWER PLANTS

GS ELECTRIC POWER PLANTS
 . SOLAR THERMAL ELECTRIC POWER
 PLANTS
 RT PHOTOTHERMAL CONVERSION
 ∞ POWER PLANTS
 SOLAR DYNAMIC POWER SYSTEMS
 SOLAR ENERGY
 THERMAL ENERGY

SOLAR THERMAL PROPULSION

GS PROPULSION
 . LOW THRUST PROPULSION
 . . SOLAR PROPULSION
 . . . SOLAR THERMAL PROPULSION
 . SPACECRAFT PROPULSION
 . . SOLAR PROPULSION
 . . . SOLAR THERMAL PROPULSION
 RT PROPULSION SYSTEM PERFORMANCE
 SOLAR ELECTRIC PROPULSION
 SUN

SOLAR TOTAL ENERGY SYSTEMS

GS ENERGY CONVERSION
 . SOLAR ENERGY CONVERSION
 . . SOLAR TOTAL ENERGY SYSTEMS
 TOTAL ENERGY SYSTEMS
 . . SOLAR TOTAL ENERGY SYSTEMS
 RT ∞ CONVERSION
 DIRECT POWER GENERATORS
 ∞ ENERGY
 SUN
 ∞ SYSTEMS

SOLAR TRANSITION REGION

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . STELLAR ATMOSPHERES
 . . . SOLAR ATMOSPHERE
 SOLAR TRANSITION REGION
 RT CHROMOSPHERE
 SOLAR CORONA
 SOLAR TEMPERATURE

SOLAR VELOCITY

GS RATES (PER TIME)

SOLAR VELOCITY--(cont.)

GS SOLAR VELOCITY
VELOCITY
RT SOLAR VELOCITY
SUN

SOLAR WIND

UF SOLAR PLASMA (RADIATION)
GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR WIND
PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
SPACE PLASMAS
SOLAR WIND
RT AMPTE (SATELLITES)
CHAPMAN-FERRARO PROBLEM
CLUSTER MISSION
COMET TAILS
CORONAL HOLES
COSMIC PLASMA
GALACTIC COSMIC RAYS
GRIGG-SKJELLERUP COMET
HELIOSPHERE
HYDROGEN PLASMA
INTERPLANETARY GAS
INTERPLANETARY MEDIUM
M REGION
MAGNETIC CLOUDS
MAGNETOPAUSE
MAGNETOSHEATH
PLANETARY MAGNETOTAILS
PLASMAPAUSE
RADIATION
RADIATION PRESSURE
SOHO MISSION
SOLAR PLANETARY INTERACTIONS
STELLAR WINDS
SUN

SOLAR WIND VELOCITY

GS RATES (PER TIME)
FLOW VELOCITY
SOLAR WIND VELOCITY
WIND VELOCITY
SOLAR WIND VELOCITY
VELOCITY
FLOW VELOCITY
SOLAR WIND VELOCITY
WIND VELOCITY
SOLAR WIND VELOCITY
RT ALPHA PARTICLES
EARTH MAGNETOSPHERE
MAGNETIC DISTURBANCES
MAGNETOHYDRODYNAMIC FLOW
SOLAR PLANETARY INTERACTIONS
STELLAR WINDS
SUN
VELOCITY MEASUREMENT

SOLAR X-RAYS

GS ELECTROMAGNETIC RADIATION
X RAYS
SOLAR X-RAYS
EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR X-RAYS
IONIZING RADIATION
X RAYS
SOLAR X-RAYS
RT CORONAL HOLES
SUN

SOLAR-PUMPED LASERS

UF SOLAR LASERS
GS STIMULATED EMISSION DEVICES
LASERS
SOLAR-PUMPED LASERS
RT LASER PUMPING
OPTICAL PUMPING
SOLAR ENERGY CONVERSION
SOLAR RADIATION

SOLDERED JOINTS

GS JOINTS (JUNCTIONS)
METAL JOINTS
SOLDERED JOINTS
RT BEAM LEADS
BONDED JOINTS
BUTT JOINTS
LAP JOINTS
SOLDERING

SOLDERING

GS SOLDERING
ULTRASONIC SOLDERING
RT BONDING
BRAZING
FLUXES
HEAT AFFECTED ZONE
JOINING
LASER WELDING
LOW TEMPERATURE BRAZING
METAL BONDING
METAL-METAL BONDING
SEALING
SOLDERED JOINTS
SOLDERS
WELDING

SOLDERS

GS ALLOYS
SOLDERS
RT LEAD ALLOYS
SEALERS
SOLDERING
TIN ALLOYS
ZINC ALLOYS

SOLENOID VALVES

GS VALVES
SOLENOID VALVES
RT AUTOMATIC CONTROL VALVES
ELECTRIC CONTROL
ELECTRIC EQUIPMENT
ELECTRIC RELAYS
ELECTRIC SWITCHES
HYDRAULIC CONTROL
OFF-ON CONTROL
SOLENOIDS

SOLENOIDS

SN (EXCLUDES METEOROLOGICAL
SOLENOIDS)
RT ACTUATORS
ELECTRIC RELAYS
ELECTROMAGNETS
MAGNET COILS
SOLENOID VALVES
TOROIDAL PLASMAS

SOLETTAS

GS MIRRORS
SOLETTAS
REFLECTORS
SOLAR REFLECTORS
SOLETTAS
RT PLATFORMS
SOLAR ENERGY
SPACECRAFT

SOLID ARGON

USE SOLIDIFIED GASES

SOLID CRYOGEN COOLING

GS COOLING
SOLID CRYOGEN COOLING
RT CRYOGENIC FLUIDS
CRYOGENICS
LIQUEFIED GASES

SOLID CRYOGENS

GS GASES
SOLIDIFIED GASES
SOLID CRYOGENS
SOLID NITROGEN
SOLIDS
SOLIDIFIED GASES
SOLID CRYOGENS
SOLID NITROGEN
RT COOLING SYSTEMS
CRYOGENIC EQUIPMENT
CRYOGENICS
LIQUID NITROGEN

SOLID ELECTRODES

GS ELECTRODES
SOLID ELECTRODES
RT TRANSCONDUCTANCE

SOLID ELECTROLYTES

GS CONDUCTORS
ELECTROLYTES
SOLID ELECTROLYTES

SOLID LUBRICANTS

SN (EXCLUDES SEMISOLIDS SUCH AS
GREASES)
GS LUBRICANTS
SOLID LUBRICANTS
RT BINDERS (MATERIALS)
GAS LUBRICANTS
GRAPHITE
SELF LUBRICATING MATERIALS

SOLID MECHANICS

RT CONTINUUM MECHANICS
FINITE ELEMENT METHOD
MECHANICAL PROPERTIES
MECHANICS (PHYSICS)
SCIENCE
SOLIDS
STRUCTURAL ANALYSIS

SOLID NITROGEN

GS CHEMICAL ELEMENTS
NITROGEN
SOLID NITROGEN
GASES
NITROGEN
SOLID NITROGEN
SOLIDIFIED GASES
SOLID CRYOGENS
SOLID NITROGEN
SOLIDS
SOLIDIFIED GASES
SOLID CRYOGENS
SOLID NITROGEN
RT CRYOGENICS
REFRIGERANTS

SOLID PHASES

RT EUTECTICS
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
LIQUID PHASES
LIQUID-SOLID INTERFACES
LIQUIDUS
METALLIC HYDROGEN
PHASE DIAGRAMS
PHASE SEPARATION (MATERIALS)
PHASES
SOLIDIFIED GASES
SOLIDUS
SYNTECTIC ALLOYS

SOLID PROPELLANT COMBUSTION

GS COMBUSTION
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION
RT BURNING RATE
COMBUSTION STABILITY
EROSIVE BURNING
FUEL COMBUSTION
HEAT GENERATION
METAL COMBUSTION
PROPELLANT CHEMISTRY

SOLID PROPELLANT IGNITION

GS COMBUSTION
PROPELLANT COMBUSTION
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION
IGNITION
SOLID PROPELLANT IGNITION
RT HYBRID PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
IGNITERS
IGNITION TEMPERATURE
INHIBITORS
METAL COMBUSTION
PYROPHORIC MATERIALS
SQUIBS

SOLID PROPELLANT ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
SOLID PROPELLANT ROCKET
ENGINES
ALGOL ENGINE
APOGEE BOOST MOTORS
ASROC ENGINE
HERCULES ENGINE
M-46 ENGINE
M-55 ENGINE
M-56 ENGINE
M-57 ENGINE
NIKE BOOSTER ROCKET ENGINES
P-1 ENGINE

SOLID PROPELLANT ROCKET ENGINES--(cont.)

RT SL-3 ROCKET ENGINE
 SPACE SHUTTLE BOOSTERS
 ADVANCED SOLID ROCKET MOTOR (STS)
 SYNCOM APOGEE ENGINES
 TU-121 ENGINE
 TX-77 ENGINE
 TX-354 ENGINE
 X-248 ENGINE
 X-254 ENGINE
 X-258 ENGINES
 X-258-B1 ENGINE
 X-259 ENGINE
 XM-33 ENGINE
 AIR SLEW MISSILES
 ANTARES ROCKET VEHICLE
 ARCAS ROCKET VEHICLES
 ARGO ROCKET VEHICLES
 ASTROBEE ROCKET VEHICLES
 ASTROBEE 1500 ROCKET VEHICLE
 ATHENA ROCKET VEHICLE
 BE-3 ENGINE
 BERENICE ROCKET VEHICLE
 BLACK BRANT SOUNDING ROCKETS
 BLACK BRANT 1 SOUNDING ROCKET
 BLACK BRANT 2 SOUNDING ROCKET
 BLACK BRANT 3 SOUNDING ROCKET
 BLACK BRANT 4 SOUNDING ROCKET
 BLACK BRANT 5 SOUNDING ROCKET
 BLUE GOOSE MISSILE
 BLUE SCOUT ROCKET VEHICLE
 BOMARC A MISSILE
 BOMARC B MISSILE
 BONDED JOINTS
 BOOSTER ROCKET ENGINES
 BURNING RATE
 BURNOUT
 CAJUN ROCKET VEHICLE
 DIAMANT LAUNCH VEHICLE
 DUCTED ROCKET ENGINES
 EXOS SOUNDING ROCKET
 FALCON MISSILE
 FOLDING FIN AIRCRAFT ROCKET VEHICLE
 GENIE ROCKET VEHICLE
 HAWK MISSILE
 HONEST JOHN ROCKET VEHICLE
 HYBRID PROPELLANT ROCKET ENGINES
 INTEGRAL ROCKET RAMJETS
 INTERNAL COMBUSTION ENGINES
 JAGUAR ROCKET VEHICLE
 JATO ENGINES
 JAVELIN ROCKET VEHICLE
 JUNO LAUNCH VEHICLES
 JUNO 1 LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE
 JUPITER C ROCKET VEHICLE
 KAPPA ROCKET VEHICLES
 KAPPA 8 ROCKET VEHICLE
 KAPPA 9 ROCKET VEHICLE
 LAMBDA ROCKET VEHICLES
 LIQUID PROPELLANT ROCKET ENGINES
 LITTLE JOE 2 LAUNCH VEHICLE
 LITTLE JOHN ROCKET VEHICLE
 LOKI ROCKET VEHICLE
 MACE MISSILES
 MATRA MISSILE
 MAULER MISSILE
 METEOR 1 ROCKET VEHICLE
 MINUTEMAN ICBM
 NIKE-AJAX MISSILE
 NIKE-APACHE ROCKET VEHICLE
 NIKE-CAJUN ROCKET VEHICLE
 NIKE-HERCULES MISSILE
 NIKE-JAVELIN ROCKET VEHICLE
 NIKE-TOMAHAWK ROCKET VEHICLE
 NIKE-ZEUS MISSILE
 PERSHING MISSILE
 PHOENIX SOUNDING ROCKET
 POLARIS MISSILES
 RAM B LAUNCH VEHICLE
 REDEYE MISSILE
 REGULUS MISSILE
 RESTARTABLE ROCKET ENGINES
 RETROROCKET ENGINES
 RUBIS ROCKET VEHICLE
 SCOUT LAUNCH VEHICLE
 SERGEANT MISSILES
 SHRIKE MISSILE
 SKUA ROCKET VEHICLES
 SKYBOLT MISSILE
 SKYLARK ROCKET VEHICLE
 SPACE SHUTTLE UPPER STAGE D
 SPARROW MISSILES
 SPARROW 2 MISSILE

SOLID PROPELLANT ROCKET ENGINES--(cont.)

SPRINT MISSILE
 SS-11 MISSILE
 SUNBLAZER SPACE PROBE
 SUSTAINER ROCKET ENGINES
 TALOS MISSILE
 TARTAR MISSILE
 TERRIER MISSILE
 THOR ABLE ROCKET VEHICLE
 THOR DELTA LAUNCH VEHICLE
 THOR LAUNCH VEHICLES
 TITAN LAUNCH VEHICLES
 TRAILBLAZER 1 REENTRY VEHICLE
 TRAILBLAZER 2 REENTRY VEHICLE
 ULLAGE ROCKET ENGINES
 VANGUARD 2 LAUNCH VEHICLE
 VERNIER ENGINES
 WASP SOUNDING ROCKET
 X-17 REENTRY VEHICLE
 ZUNI ROCKET VEHICLE

SOLID PROPELLANTS

GS PROPELLANTS
 SOLID PROPELLANTS
 CASE BONDED PROPELLANTS
 COMPOSITE PROPELLANTS
 NITRAMINE PROPELLANTS
 PLASTIC PROPELLANTS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 HMX
 HTPB PROPELLANTS
 METAL PROPELLANTS
 RT AIRCRAFT FUELS
 CHEMICAL FUELS
 COLLOIDAL PROPELLANTS
 GELLED PROPELLANTS
 HIGH TEMPERATURE PROPELLANTS
 HYBRID PROPELLANTS
 INHIBITORS
 METAL FUELS
 NITROGUANIDINE
 PLASTICIZERS
 PROPELLANT BINDERS
 PROPELLANT GRAINS
 RDX
 ROCKET PROPELLANTS
 STORABLE PROPELLANTS

SOLID ROCKET BINDERS

GS ADDITIVES
 PROPELLANT ADDITIVES
 PROPELLANT BINDERS
 SOLID ROCKET BINDERS
 BINDERS (MATERIALS)
 PROPELLANT BINDERS
 SOLID ROCKET BINDERS
 RT GLYCIDYL AZIDE POLYMER
 PLASTICIZERS

SOLID ROCKET BOOSTERS (SPACE SHUTTLE)

USE SPACE SHUTTLE BOOSTERS

SOLID ROCKET PROPELLANTS

GS PROPELLANTS
 ROCKET PROPELLANTS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 METAL PROPELLANTS
 SOLID PROPELLANTS
 SOLID ROCKET PROPELLANTS
 DOUBLE BASE ROCKET PROPELLANTS
 HMX
 HTPB PROPELLANTS
 METAL PROPELLANTS
 RT AMMONIUM PERCHLORATES
 BURNING RATE
 CASE BONDED PROPELLANTS
 COMPOSITE PROPELLANTS
 DOMINO PROPELLANTS
 GELLED ROCKET PROPELLANTS
 HYBRID PROPELLANTS
 LIQUID ROCKET PROPELLANTS
 MONOPROPELLANTS
 POTASSIUM PERCHLORATES
 PROPELLANT GRAINS
 RDX
 ROCKET ENGINES
 SLURRY PROPELLANTS

SOLID ROTATION

USE ROTATING BODIES

SOLID SOLUTIONS

GS MIXTURES
 SOLUTIONS
 SOLID SOLUTIONS
 RT AGING (METALLURGY)
 ALLOYING
 ALLOYS
 LIQUID PHASES
 LIQUIDUS
 MELTING POINTS
 ORDER-DISORDER TRANSFORMATIONS
 PHASE DIAGRAMS
 PRECIPITATION HARDENING
 SOLIDS
 SUPERSATURATION
 TERNARY SYSTEMS

SOLID STATE

RT CRYSTALLIZATION
 ENERGY GAPS (SOLID STATE)
 MELTING POINTS
 METALLIC HYDROGEN
 SOLIDS

SOLID STATE DEVICES

GS ELECTRONIC EQUIPMENT
 SOLID STATE DEVICES
 CRYOTRONS
 CRYSTAL RECTIFIERS
 METAL-NITRIDE-OXIDE-SEMICONDUCTORS
 MULTISPECTRAL LINEAR ARRAYS
 SEMICONDUCTOR DEVICES
 AVALANCHE DIODES
 CRYOSAR
 BARRITT DIODES
 CHARGE TRANSFER DEVICES
 BUCKET BRIGADE DEVICES
 CHARGE COUPLED DEVICES
 CHARGE INJECTION DEVICES
 GERMANIUM DIODES
 HETEROJUNCTION DEVICES
 HIGH ELECTRON MOBILITY TRANSISTORS
 MODFETS
 JUNCTION DIODES
 MIM DIODES
 STEP RECOVERY DIODES
 LIGHT EMITTING DIODES
 METAL OXIDE SEMICONDUCTORS
 CMOS
 ITO (SEMICONDUCTORS)
 SOS (SEMICONDUCTORS)
 MIM (SEMICONDUCTORS)
 MIS (SEMICONDUCTORS)
 MSM (SEMICONDUCTORS)
 NDM SEMICONDUCTOR DEVICES
 NEURISTORS
 PARAMETRIC DIODES
 PHOTODIODES
 PHOTOVOLTAIC CELLS
 SOLAR CELLS
 VERTICAL JUNCTION SOLAR CELLS
 SCHOTTKY DIODES
 SEMICONDUCTOR LASERS
 ALUMINUM GALLIUM ARSENIDE LASERS
 GALLIUM ARSENIDE LASERS
 SOI (SEMICONDUCTORS)
 THERMISTORS
 THYRISTORS
 SILICON CONTROLLED RECTIFIERS
 TRANSFERRED ELECTRON DEVICES
 TRANSISTOR AMPLIFIERS
 TRANSISTORS
 BIPOLAR TRANSISTORS
 FIELD EFFECT TRANSISTORS
 CHARGE FLOW DEVICES
 JFET
 MODFETS
 HIGH ELECTRON MOBILITY TRANSISTORS
 MODFETS
 JUNCTION TRANSISTORS
 JFET
 PHOTOTRANSISTORS
 SILICON TRANSISTORS
 SOS (SEMICONDUCTORS)
 TRAPATT DEVICES
 VARACTOR DIODES
 VARISTORS
 SIS (SEMICONDUCTORS)
 SIS (SUPERCONDUCTORS)

SOLID STATE DEVICES--(cont.)

... SOLID STATE LASERS
 ... ALUMINUM GALLIUM ARSENIDE LASERS
 ... DBR LASERS
 ... GALLIUM ARSENIDE LASERS
 ... RUBY LASERS
 ... YAG LASERS
 RT AMPLIFIERS
 BUBBLE TECHNIQUE
 CAPACITORS
 CIRCUITS
 ∞ DEVICES
 ELECTRIC BRIDGES
 LASER CAVITIES
 LASERS
 MBM JUNCTIONS
 MINIATURE ELECTRONIC EQUIPMENT
 OSCILLATORS
 PHOTOMASKS
 RECTIFIERS
 RESISTORS
 SIGNAL GENERATORS
 SUPERCONDUCTORS
 THIN FILMS
 THRESHOLD VOLTAGE
 TRANSFORMERS
 WAFERS

SOLID STATE LASERS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SOLID STATE LASERS
 ... ALUMINUM GALLIUM ARSENIDE LASERS
 ... DBR LASERS
 ... GALLIUM ARSENIDE LASERS
 ... RUBY LASERS
 ... YAG LASERS
 STIMULATED EMISSION DEVICES
 . LASERS
 . SOLID STATE LASERS
 ... ALUMINUM GALLIUM ARSENIDE LASERS
 ... DBR LASERS
 ... GALLIUM ARSENIDE LASERS
 ... RUBY LASERS
 ... YAG LASERS
 ... YLF LASERS
 RT CONTINUOUS WAVE LASERS
 DISTRIBUTED FEEDBACK LASERS
 INFRARED LASERS
 LASER CAVITIES
 Q SWITCHED LASERS
 SEMICONDUCTOR LASERS
 SURFACE EMITTING LASERS

∞ SOLID STATE PHYSICS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CONDENSED MATTER PHYSICS
 CRYSTALLOGRAPHY
 ELECTRICAL PROPERTIES
 ELECTRON MOBILITY
 ENERGY GAPS (SOLID STATE)
 FORBIDDEN TRANSITIONS
 HOLE MOBILITY
 MAGNETIC PROPERTIES
 OPTICAL PROPERTIES
 ∞ PHYSICS
 ∞ SCIENCE
 SEMICONDUCTORS (MATERIALS)
 SUPERCONDUCTIVITY
 THEORETICAL PHYSICS
 THIN FILMS
 TRANSPORT PROPERTIES

SOLID SURFACES

GS SOLID SURFACES
 . CRYSTAL SURFACES
 RT LIQUID SURFACES
 METAL SURFACES
 SURFACE CRACKS
 SURFACE FINISHING
 SURFACE PROPERTIES
 ∞ SURFACES

SOLID SUSPENSIONS

GS MIXTURES
 . SOLID SUSPENSIONS
 RT COLLOIDAL PROPELLANTS
 COMPOSITE MATERIALS
 METALLOGRAPHY
 PARTICULATES

SOLID SUSPENSIONS--(cont.)

PHASE DIAGRAMS
 ∞ SUSPENSIONS

SOLID WASTES

GS WASTES
 . SEWAGE
 . SOLID WASTES
 RT COMPOSTING
 GARBAGE
 HUMAN WASTES
 INDUSTRIAL WASTES
 LANDFILLS
 LIQUID WASTES
 METABOLIC WASTES
 POLLUTION
 RADIOACTIVE WASTES
 RESIDUES
 SLUDGE
 WASTE DISPOSAL
 WASTE ENERGY UTILIZATION
 WASTE UTILIZATION

SOLID-SOLID INTERFACES

GS INTERFACES
 . SOLID-SOLID INTERFACES
 RT GAS-SOLID INTERFACES
 LIQUID-SOLID INTERFACES
 SURFACE PROPERTIES

SOLIDIFICATION

UF RAPID SOLIDIFICATION
 GS SOLIDIFICATION
 . DIRECTIONAL SOLIDIFICATION (CRYSTALS)
 . MELT SPINNING
 RT CASTING
 CASTINGS
 COAGULATION
 CRYSTALLIZATION
 FREEZING
 GELATION
 INGOTS
 MELTING POINTS
 MUSHY ZONES
 OCCLUSION
 PHASE TRANSFORMATIONS
 RHEOCASTING
 ∞ SETTING
 SOLIDIFIED GASES
 TRANSITION TEMPERATURE
 VITRIFICATION

SOLIDIFIED GASES

UF SOLID ARGON
 GS GASES
 . SOLIDIFIED GASES
 . SOLID CRYOGENS
 . SOLID NITROGEN
 SOLIDS
 . SOLIDIFIED GASES
 . SOLID CRYOGENS
 . SOLID NITROGEN
 RT CRYOGENIC FLUIDS
 CRYOGENIC TEMPERATURE
 CRYOGENICS
 FREEZING
 LOW TEMPERATURE PHYSICS
 MELTING POINTS
 METALLIC HYDROGEN
 SOLID PHASES
 SOLIDIFICATION

SOLIDS

GS SOLIDS
 . SOLIDIFIED GASES
 . SOLID CRYOGENS
 . SOLID NITROGEN
 RT ∞ BODIES
 ∞ FLUIDS
 ∞ MATERIALS
 METALLIC HYDROGEN
 ORGANIC SOLIDS
 PHASE TRANSFORMATIONS
 SOLID MECHANICS
 SOLID SOLUTIONS
 SOLID STATE
 THERMOCHROMATIC MATERIALS
 VAPOR PHASES

SOLIDS FLOW

GS FLUID FLOW
 . SOLIDS FLOW
 RT ∞ FLOW
 FLOW MEASUREMENT

SOLIDS FLOW--(cont.)

FLOW THEORY
 MASS FLOW
 MULTIPHASE FLOW
 PARTICLE SIZE DISTRIBUTION
 STEADY FLOW
 TWO PHASE FLOW
 UNIFORM FLOW
 UNSTEADY FLOW

SOLIDUS

RT BINARY SYSTEMS (MATERIALS)
 LIQUID PHASES
 LIQUIDUS
 SOLID PHASES

SOLIONS

RT CIRCUITS
 DIODES
 INTEGRATORS
 ION CURRENTS

SOLITARY WAVES

UF SOLITONS
 GS TRAVELING WAVES
 . SOLITARY WAVES
 RT BACKWARD WAVES
 CNOIDAL WAVES
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 PLANE WAVES
 PULSES
 RADIO WAVES
 RATES (PER TIME)
 VELOCITY

SOLITHANES

RT ELASTOMERS
 ∞ POLYMERS
 SYNTHETIC RUBBERS

SOLITONS

USE SOLITARY WAVES

SOLOMON COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . DIGITAL COMPUTERS
 . SOLOMON COMPUTERS

SOLRAD 10 SATELLITE

USE EXPLORER 44 SATELLITE

SOLSTICES

RT EQUINOXES
 SEASONS
 SOLAR POSITION
 SUMMER
 WINTER

SOLUBILITY

UF IMMISCIBILITY
 MISCIBILITY
 RT CLARITY
 CONCENTRATION (COMPOSITION)
 DIFFUSIVITY
 DISSOLVED GASES
 DISSOLVING
 GAS-SOLID INTERFACES
 HENRY LAW
 HYGROSCOPICITY
 INCOMPATIBILITY
 LIQUID PHASES
 LIQUID-GAS MIXTURES
 LIQUID-LIQUID INTERFACES
 LIQUID-VAPOR INTERFACES
 MISCIBILITY GAP
 MIXTURES
 PHASE DIAGRAMS
 PHASE SEPARATION (MATERIALS)
 PRECIPITATION (CHEMISTRY)
 SOLUTIONS
 SUPERCRITICAL FLUIDS
 THERMODYNAMIC PROPERTIES
 THIXOTROPY
 TURBIDITY
 VISCOSITY

SOLUTES

RT DISSOLVING
 SOLUTIONS

∞ SOLUTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT DISSOLVING
PROBLEM SOLVING
SOLUTIONS

SOLUTIONS

GS MIXTURES
 . SOLUTIONS
 . . AQUEOUS SOLUTIONS
 . . GAS MIXTURES
 . . . AIR
 ALVEOLAR AIR
 COMPRESSED AIR
 EXPIRED AIR
 HIGH TEMPERATURE AIR
 LIQUID AIR
 DETONABLE GAS MIXTURES
 PHOTOGRAPHIC EMULSIONS
 NUCLEAR EMULSIONS
 SOLID SOLUTIONS
RT AZEOTROPES
COMPOSITION (PROPERTY)
DISSOLVED GASES
EMULSIONS
EUTECTICS
HENRY LAW
RAOULT LAW
SOLUBILITY
SOLUTES
∞ SOLUTION
SOLVENTS
TITRATION

SOLVATION

RT AQUEOUS SOLUTIONS
CHEMICAL REACTIONS
REACTION KINETICS
SOLVENTS

SOLVENT EXTRACTION

GS EXTRACTION
 . SOLVENT EXTRACTION
RT ION EXTRACTION
PURIFICATION
∞ SEPARATION

SOLVENT REFINED COAL

GS RESOURCES
 . EARTH RESOURCES
 . . FOSSIL FUELS
 . . . COAL
 SOLVENT REFINED COAL
RT BENZENE
BITUMENS
CARBONACEOUS MATERIALS
COAL LIQUEFACTION
COAL UTILIZATION
FRACTIONATION
FUEL OILS
GASOLINE
HYDROCARBON FUEL PRODUCTION
METHANE
PRODUCT DEVELOPMENT

SOLVENT RETENTION

RT DISSOLVING
SOLVENTS

SOLVENTS

UF THINNERS
GS SOLVENTS
 . TETRAHYDROFURAN
 . . TURPENTINE
RT ADDITIVES
COATINGS
DILUENTS
DISSOLVING
EXTRACTION
FURANS
SOLUTIONS
SOLVATION
SOLVENT RETENTION
SOLVOLYSIS
TOLUENE
TRIACETIN

SOLVOLYSIS

GS RECLAMATION
 . MATERIALS RECOVERY
 . . SOLVOLYSIS
RT RECYCLING
SOLVENTS

SOMALIA

GS NATIONS
 . SOMALIA
RT AFRICA

SOMMERFELD APPROXIMATION

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . SOMMERFELD APPROXIMATION
RT ANTENNA RADIATION PATTERNS
DIRECTIONAL ANTENNAS
ELECTROMAGNETIC FIELDS
RADIO TRANSMISSION

SOMMERFELD WAVES

GS ELECTROMAGNETIC RADIATION
 . SOMMERFELD WAVES
 . . SURFACE WAVES
 . . . SOMMERFELD WAVES
RT DIELECTRIC PROPERTIES
ELECTRIC CONDUCTORS

SONAR

GS SONAR
 . SONOBUOYS
RT DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
ECHO SUPPRESSORS
HYDROPHONES
LOFAR
NAVIGATION AIDS
SOUND LOCALIZATION
SOUND RANGING
ULTRASONIC WAVE TRANSDUCERS
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

SONDES

UF METEOROLOGICAL PROBES
GS MEASURING INSTRUMENTS
 . SONDES
 . . DROPSONDES
 . . . JUDI-DART ROCKET
 . . . RADIOSONDES
 ENDORADIOSONDES
 IONOSONDES
 RAWINSONDES
RT APACHE ROCKET VEHICLE
CAJUN ROCKET VEHICLE
∞ PROBES
SOUNDING
SOUNDING ROCKETS

SONIC ANEMOMETERS

GS MEASURING INSTRUMENTS
 . ANEMOMETERS
 . . SONIC ANEMOMETERS
RT ACOUSTICS
FLOWMETERS
HOT-FILM ANEMOMETERS
VELOCITY MEASUREMENT

SONIC BOOMS

GS ELASTIC WAVES
 . SHOCK WAVES
 . . SONIC BOOMS
 . . . SOUND WAVES
 NOISE (SOUND)
 AIRCRAFT NOISE
 SONIC BOOMS
RT ACOUSTIC VELOCITY
AERODYNAMIC NOISE
∞ BOOM
CAUSTIC LINES
JET AIRCRAFT NOISE
SUPERSONIC FLIGHT
TRANSONIC FLIGHT

SONIC FATIGUE

USE ACOUSTIC FATIGUE

SONIC FLOW

USE TRANSONIC FLOW

SONIC NOZZLES

RT ACOUSTIC NOZZLES
CONICAL NOZZLES
∞ NOZZLES
SUPERSONIC NOZZLES
TRANSONIC FLOW
TRANSONIC NOZZLES

SONIC SOLDERING

USE ULTRASONIC SOLDERING

SONIC SPEED

USE ACOUSTIC VELOCITY

SONIC WAVEGUIDES

USE ACOUSTIC DELAY LINES

SONOBUOYS

GS RADIO EQUIPMENT
 . RADIO TRANSMITTERS
 . . SONOBUOYS
 . . . SONAR
 SONOBUOYS
 TRANSMITTERS
 RADIO TRANSMITTERS
 SONOBUOYS
RT ANTISUBMARINE WARFARE
HYDROPHONES
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

SONOGRAMS

RT RECORDING INSTRUMENTS
SOUND WAVES
WHISTLER RECORDERS
WHISTLERS

SONOHOLOGRAPHY

USE ACOUSTICAL HOLOGRAPHY

SONOLUMINESCENCE

GS EMISSION
 . LIGHT EMISSION
 . . LUMINESCENCE
 . . . SONOLUMINESCENCE

SOOT

GS PARTICLES
 . PARTICULATES
 . . SOOT
RT AIR POLLUTION
CARBON
COMBUSTION PRODUCTS
FIRE DAMAGE
SMOKE
SMOKE ABATEMENT

SORBATES

RT SORBENTS
SORPTION

SORBENTS

GS SORBENTS
 . ABSORBENTS
 . . ADSORBENTS
RT SORBATES
SORPTION

SORET COEFFICIENT

GS COEFFICIENTS
 . DIFFUSION COEFFICIENT
 . . SORET COEFFICIENT
 . . . TRANSPORT PROPERTIES
 . . . DIFFUSION COEFFICIENT
 SORET COEFFICIENT
RT LIQUID FLOW
THERMAL DIFFUSION

SORGHUM

GS FARM CROPS
 . GRAINS (FOOD)
 . . SORGHUM
 . . . PLANTS (BOTANY)
 . . . GRASSES
 SORGHUM
RT AGRICULTURE
CROP IDENTIFICATION
∞ CROPS
EARTH RESOURCES

SORPTION

UF CRYOSORPTION
GS SORPTION
 . ADSORPTION
 . . CHEMISORPTION
RT ∞ ABSORPTION
CHROMATOGRAPHY
CONCENTRATING
EXTRACTION
GAS CHROMATOGRAPHY
LIQUID CHROMATOGRAPHY
MATERIAL ABSORPTION

SORPTION--(cont.)
 PERMEATING
 ∞ SEPARATION
 SORBATES
 SORBENTS
 SURFACE PROPERTIES

SORTIE CAN
 USE SORTIE SYSTEMS

SORTIE LAB
 USE SORTIE SYSTEMS

SORTIE SYSTEMS
 UF SORTIE CAN
 SORTIE LAB
 GS PAYLOADS
 . **SORTIE SYSTEMS**
 SPACE LABORATORIES
 SPACE SHUTTLE PAYLOADS
 SPACE SHUTTLES
 SPACE STATIONS
 SPACELAB PAYLOADS

SORTING
 USE CLASSIFYING

SOS (SEMICONDUCTORS)
 UF SILICON-ON-SAPPHIRE JUNCTIONS
 SILICON-ON-SAPPHIRE
 SEMICONDUCTORS
 GS SILICON-ON-SAPPHIRE TRANSISTORS
 ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . . . METAL OXIDE SEMICONDUCTORS
 . . . **SOS (SEMICONDUCTORS)**
 . . . TRANSISTORS
 . . . SILICON TRANSISTORS
 **SOS (SEMICONDUCTORS)**
 SEMICONDUCTORS (MATERIALS)
 . METAL OXIDE SEMICONDUCTORS
 . . **SOS (SEMICONDUCTORS)**
 RT ITO (SEMICONDUCTORS)
 SIS (SEMICONDUCTORS)
 SOI (SEMICONDUCTORS)

SOT
 USE SOLAR OPTICAL TELESCOPE

SOUND
 USE ACOUSTICS

SOUND ABSORPTION
 USE SOUND TRANSMISSION

SOUND AMPLIFICATION
 GS AMPLIFICATION
 . **SOUND AMPLIFICATION**
 RT ACOUSTIC ATTENUATION
 ACOUSTIC EXCITATION
 ACOUSTICS

SOUND BARRIER
 USE ACOUSTIC VELOCITY

SOUND DETECTING AND RANGING
 UF ACOUSTIC DETECTION
 RT ACOUSTIC SCATTERING
 ATMOSPHERIC TEMPERATURE
 ∞ INSTRUMENTS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 METEOROLOGY
 SODAR
 TEMPERATURE MEASUREMENT

SOUND DETECTORS
 USE SOUND TRANSDUCERS

SOUND FIELDS
 RT ACOUSTICS
 FIELD THEORY (PHYSICS)
 MICROSONICS
 PROPELLER NOISE

SOUND FIXING AND RANGING
 UF SFAR
 SOFAR
 RT SOUND RANGING
 SOUND TRANSMISSION
 UNDERWATER ACOUSTICS

SOUND FREQUENCIES
 USE ACOUSTIC FREQUENCIES

SOUND GENERATORS
 UF ACOUSTIC GENERATORS
 RT ACOUSTIC NOZZLES
 AUDIO FREQUENCIES
 AUDITORY STIMULI
 BELLS
 CONTINUOUS NOISE
 ∞ GENERATORS
 HORNS
 LOUDSPEAKERS
 NOISE GENERATORS
 RADIATION SOURCES
 SIGNAL GENERATORS
 ∞ SIGNALS
 SIRENS
 WARNING SYSTEMS

SOUND HOLOGRAPHY
 USE ACOUSTICAL HOLOGRAPHY

SOUND INTENSITY
 GS ACOUSTIC PROPERTIES
 . **SOUND INTENSITY**
 . . ZERO SOUND
 RATES (PER TIME)
 . FLUX DENSITY
 . . **SOUND INTENSITY**
 . . . ZERO SOUND
 RT AUDITORY STIMULI
 BIOACOUSTICS
 EFFECTIVE PERCEIVED NOISE LEVELS
 LOUDNESS
 NOISE INTENSITY
 NOISE MEASUREMENT
 RADIANT FLUX DENSITY
 SIGNAL FADING
 SIGNAL FADING RATE
 SIRENS

SOUND LOCALIZATION
 GS PERCEPTION
 . **SOUND LOCALIZATION**
 RT AUDITORY PERCEPTION
 BEARING (DIRECTION)
 BINAURAL HEARING
 DETECTION
 ECHO SOUNDING
 ∞ ORIENTATION
 POSITION INDICATORS
 RANGE FINDERS
 SONAR
 SPACE PERCEPTION
 TRACKING (POSITION)

SOUND MEASUREMENT
 USE ACOUSTIC MEASUREMENT

SOUND PERCEPTION
 USE AUDITORY PERCEPTION

SOUND PRESSURE
 GS PRESSURE
 . RADIATION PRESSURE
 . . **SOUND PRESSURE**
 RT ACOUSTIC MEASUREMENT
 ACOUSTIC VELOCITY
 EXPLOSIONS
 FLUX DENSITY
 LOUDNESS
 NOISE (SOUND)
 SHOCK WAVES
 STATIC PRESSURE

SOUND PROPAGATION
 GS **SOUND PROPAGATION**
 . VOICE
 RT ACOUSTIC PROPAGATION
 ACOUSTICS
 ATTENUATION
 ∞ CONDUCTION
 DIFFUSION
 NOISE GENERATORS
 NOISE PROPAGATION
 SHOCK WAVE PROPAGATION

SOUND RANGING
 GS RANGEFINDING
 . **SOUND RANGING**
 RT DETECTION
 DISTANCE MEASURING EQUIPMENT
 ECHO SOUNDING

SOUND RANGING--(cont.)
 POSITION (LOCATION)
 SONAR
 SOUND FIXING AND RANGING
 TARGET ACQUISITION
 TRACKING (POSITION)

SOUND TRANSDUCERS
 UF SOUND DETECTORS
 GS TRANSDUCERS
 . **SOUND TRANSDUCERS**
 . . ELECTROACOUSTIC TRANSDUCERS
 . . . HYDROPHONES
 . . . LOUDSPEAKERS
 . . . MICROPHONES
 RT ELECTROACOUSTICS
 ∞ RADIATORS
 SIGNAL DETECTION
 SIGNAL DETECTORS
 UNDERWATER ACOUSTICS
 UNDERWATER COMMUNICATION

SOUND TRANSMISSION
 UF SOUND ABSORPTION
 GS TRANSMISSION
 . **SOUND TRANSMISSION**
 RT ∞ ABSORPTION
 ACOUSTICS
 ATTENUATION
 AUDIO FREQUENCIES
 ∞ CONDUCTION
 EARPHONES
 ELASTIC WAVES
 ENERGY ABSORPTION
 MONAURAL SIGNALS
 MULTIPATH TRANSMISSION
 ∞ PATHS
 PROPELLER NOISE
 SIGNAL TRANSMISSION
 SIRENS
 SOUND FIXING AND RANGING
 TELEPHONY
 THERMOCLINES
 WAVE PROPAGATION

SOUND VELOCITY
 USE ACOUSTIC VELOCITY

SOUND WAVES
 SN (ELASTIC WAVES IN THE AUDIBLE RANGE)
 UF ACOUSTIC RADIATION
 ACOUSTIC VIBRATIONS
 GS ELASTIC WAVES
 . **SOUND WAVES**
 . . ELECTROACOUSTIC WAVES
 . . ION ACOUSTIC WAVES
 . . LAMB WAVES
 . . NOISE (SOUND)
 . . . AERODYNAMIC NOISE
 . . . BLADE SLAP NOISE
 . . . PROPELLER NOISE
 . . . AIRCRAFT NOISE
 . . . BLADE SLAP NOISE
 . . . JET AIRCRAFT NOISE
 . . . PROPELLER NOISE
 . . . SONIC BOOMS
 . . . ENGINE NOISE
 . . . ROCKET ENGINE NOISE
 . . . THERMAL NOISE
 RT ACOUSTIC COUPLING
 ACOUSTIC FREQUENCIES
 ACOUSTIC MEASUREMENT
 ACOUSTIC PROPERTIES
 ACOUSTIC STREAMING
 ACOUSTICAL HOLOGRAPHY
 ACOUSTICS
 AEOLIAN TONES
 AUDIO FREQUENCIES
 AUDITORY PERCEPTION
 ∞ BLASTS
 DEEP SCATTERING LAYERS
 DETONATION WAVES
 DIFFUSION
 LONGITUDINAL WAVES
 LOUDNESS
 MACH CONES
 MAGNETOELASTIC WAVES
 MICROSONICS
 NOISE POLLUTION
 NOISE PREDICTION (AIRCRAFT)
 PHONONS
 PLANE WAVES
 POLARIZED ELASTIC WAVES
 ∞ RADIATION

SOUND WAVES--(cont.)

REVERBERATION
SHOCK WAVES
SONOGRAMS
SURFACE ACOUSTIC WAVE DEVICES
ULTRASONIC RADIATION
∞ WAVES

SOUND-SOUND INTERACTIONS

RT HARMONICS
∞ INTERACTIONS
INTERMODULATION
WAVE DISPERSION

SOUNDERS

USE SOUNDING

SOUNDING

UF SOUNDERS
GS **SOUNDING**
ACUSTIC SOUNDING
ATMOSPHERIC SOUNDING
BALLOON SOUNDING
ECHO SOUNDING
IONOSPHERIC SOUNDING
MICROWAVE SOUNDING
ROCKET SOUNDING
SATELLITE SOUNDING
RT BATHYMETERS
DEPTH MEASUREMENT
∞ MEASUREMENT
METEOROLOGICAL BALLOONS
METEOROLOGICAL FLIGHT
ROBIN BALLOONS
SONDES

SOUNDING ROCKETS

UF METEOROLOGICAL ROCKETS
ROCKET SONDES
GS ROCKET VEHICLES
SOUNDING ROCKETS
AEROBEE ROCKET VEHICLE
ANTARES ROCKET VEHICLE
APACHE ROCKET VEHICLE
ARCAS ROCKET VEHICLES
ARIES SOUNDING ROCKET
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING
ROCKET
BLACK BRANT 2 SOUNDING
ROCKET
BLACK BRANT 3 SOUNDING
ROCKET
BLACK BRANT 4 SOUNDING
ROCKET
BLACK BRANT 5 SOUNDING
ROCKET
CAJUN ROCKET VEHICLE
DORNIER PARAGLIDER ROCKET
VEHICLE
EXOS SOUNDING ROCKET
JAGUAR ROCKET VEHICLE
JUDI-DART ROCKET
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LOKI ROCKET VEHICLE
PETREL SOUNDING ROCKET
PHOENIX SOUNDING ROCKET
SKUA ROCKET VEHICLES
SKYLARK ROCKET VEHICLE
VENUS FLY TRAP ROCKET VEHICLE
VERONIQUE ROCKET VEHICLES
VERTICAL 8 ROCKET
WASP SOUNDING ROCKET
RT ACOUSTIC SOUNDING
ARGO ROCKET VEHICLES
IONOSONDES
JAVELIN ROCKET VEHICLE
METEOROLOGICAL INSTRUMENTS
METEOROLOGICAL SATELLITES
NIKE-JAVELIN ROCKET VEHICLE
PAYLOAD CONTROL
RADIOSONDES
ROCKET SOUNDING
SONDES
VIKING ROCKET VEHICLE

SOUNDS (TOPOGRAPHIC FEATURES)

GS **SOUNDS (TOPOGRAPHIC FEATURES)**
BLOCK ISLAND SOUND (RI)
MCMURDO SOUND

SOUNDS (TOPOGRAPHIC FEATURES)--(cont.)

PRINCE WILLIAM SOUND (AK)
RT CHESAPEAKE BAY (US)
INLETS (TOPOGRAPHY)
OCEANS
RIVERS
WATER

SOURCE PROGRAMS

GS COMPUTER PROGRAMS
SOURCE PROGRAMS

∞ SOURCES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CAUSES
DERIVATION
ELECTRON SOURCES
EXTRAGALACTIC RADIO SOURCES
ION SOURCES
NONPOINT SOURCES
RADIATION SOURCES
RADIO SOURCES (ASTRONOMY)
SINKS

SOUTH AFRICA

USE REPUBLIC OF SOUTH AFRICA

SOUTH AMERICA

GS CONTINENTS
SOUTH AMERICA
RT ANDES MOUNTAINS (SOUTH AMERICA)
ARGENTINA
BOLIVIA
BRAZIL
CENTRAL AMERICA
CHILE
COLOMBIA
ECUADOR
FRENCH GUIANA
GUYANA
MAGDALENA-CAUCA VALLEY (COLOMBIA)
PARAGUAY
PERU
SURINAM
TRINIDAD AND TOBAGO
URUGUAY
VENEZUELA

SOUTH CAROLINA

GS NATIONS
UNITED STATES
SOUTH CAROLINA
RT SAND HILLS REGION (GA-NC-SC)

SOUTH DAKOTA

GS NATIONS
UNITED STATES
SOUTH DAKOTA
RT BLACK HILLS (SD-WY)
MISSOURI RIVER (US)

SOUTH KOREA

UF REPUBLIC OF KOREA
GS NATIONS
SOUTH KOREA
RT ASIA
KOREA
NORTH KOREA

SOUTH VIETNAM

USE VIETNAM

SOUTH WEST AFRICA

USE NAMIBIA

SOUTHEAST ASIA

GS REGIONS
SOUTHEAST ASIA
RT ASIA
VIETNAM

SOUTHERN CALIFORNIA

GS REGIONS
SOUTHERN CALIFORNIA
RT CALIFORNIA
MEXICO
NEVADA
PACIFIC OCEAN
UNITED STATES

SOUTHERN HEMISPHERE

GS SOUTHERN HEMISPHERE

SOUTHERN HEMISPHERE--(cont.)

ANTARCTIC REGIONS
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ROSS ICE SHELF
RT ∞ HEMISPHERES
NORTHERN HEMISPHERE
SOUTHERN OSCILLATION
SOUTHERN SKY

SOUTHERN OSCILLATION

GS OSCILLATIONS
SOUTHERN OSCILLATION
RT ANOMALIES
ATMOSPHERIC CIRCULATION
ATMOSPHERIC PRESSURE
CLIMATE
EL NINO
PERIODIC VARIATIONS
PRESSURE OSCILLATIONS
SOUTHERN HEMISPHERE

SOUTHERN SKY

RT ASTRONOMICAL CATALOGS
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL SPECTROSCOPY
ASTRONOMY
NORTHERN SKY
SKY SURVEYS (ASTRONOMY)
SOUTHERN HEMISPHERE

SOUTHERN YEMEN

UF ADEN
GS NATIONS
SOUTHERN YEMEN
REGIONS
SOUTHERN YEMEN
RT ASIA

SOVEREIGNTY

RT INTERNATIONAL COOPERATION
INTERNATIONAL LAW
POLITICS
VOTING

SOVIET SATELLITES

GS ARTIFICIAL SATELLITES
SOVIET SATELLITES
COSMOS SATELLITES
COSMOS 2 SATELLITE
COSMOS 3 SATELLITE
COSMOS 5 SATELLITE
COSMOS 6 SATELLITE
COSMOS 14 SATELLITE
COSMOS 44 SATELLITE
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COSMOS 71 SATELLITE
COSMOS 110 SATELLITE
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COSMOS 381 SATELLITE
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COSMOS 936 SATELLITE
MOLNIYA SATELLITES
PROGNOZ SATELLITES
PROTON SATELLITES
PROTON 1 SATELLITE
PROTON 2 SATELLITE
PROTON 3 SATELLITE
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RADUGA SATELLITE
SPUTNIK SATELLITES
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SPUTNIK 2 SATELLITE
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VENERA SATELLITES
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... VENERA 8 SATELLITE
 ... VENERA 9 SATELLITE
 ... VENERA 10 SATELLITE
 ... VENERA 11 SATELLITE
 ... VENERA 12 SATELLITE

SOVIET SPACECRAFT

GS SOVIET SPACECRAFT
 . BURAN SPACE SHUTTLE
 . LUNIK LUNAR PROBES
 . LUNIK 2 LUNAR PROBE
 . LUNIK 3 LUNAR PROBE
 . LUNIK 9 LUNAR PROBE
 . LUNIK 10 LUNAR PROBE
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 . LUNIK 17 LUNAR PROBE
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 . MARS 3 SPACECRAFT
 . MARS 4 SPACECRAFT
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 . MARS 6 SPACECRAFT
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 . SALYUT SPACE STATION
 . SOYUZ SPACECRAFT
 . SPUTNIK SATELLITES
 . SPUTNIK 1 SATELLITE
 . SPUTNIK 2 SATELLITE
 . SPUTNIK 3 SATELLITE
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 . VENERA 4 SATELLITE
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 . VENERA 7 SATELLITE
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 . VENERA 10 SATELLITE
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 . ZOND 2 SPACE PROBE
 . ZOND 3 SPACE PROBE
 . ZOND 4 SPACE PROBE
 . ZOND 5 SPACE PROBE
 . ZOND 6 SPACE PROBE
 . ZOND 7 SPACE PROBE
 . ZOND 8 SPACE PROBE
 RT ∞ SPACECRAFT

SOVIET UNION

USE U.S.S.R.

SOYBEANS

GS FARM CROPS
 . LEGUMINOUS PLANTS
 . SOYBEANS
 PLANTS (BOTANY)
 . LEGUMINOUS PLANTS
 . SOYBEANS
 RT ∞ FOOD

SOYUZ SPACECRAFT

GS MANNED SPACECRAFT
 . SOYUZ SPACECRAFT
 SOVIET SPACECRAFT
 . SOYUZ SPACECRAFT
 RT APOLLO SOYUZ TEST PROJECT
 SALYUT SPACE STATION
 U.S.S.R. SPACE PROGRAM

∞ SPACE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT ALGEBRA
 ANALYSIS (MATHEMATICS)
 CARTAN SPACE
 CISLUNAR SPACE
 DEEP SPACE
 FRACTALS
 FUNCTION SPACE

SPACE--(cont.)

HYPERSPACES
 SET THEORY
 SPATIAL DEPENDENCIES

SPACE ADAPTATION SYNDROME

RT AEROSPACE MEDICINE
 BIOASTRONAUTICS
 BIOLOGICAL EFFECTS
 LONG DURATION SPACE FLIGHT
 MANNED SPACE FLIGHT
 MOTION SICKNESS
 PHYSIOLOGICAL EFFECTS
 PSYCHOLOGICAL EFFECTS
 SPACE FLIGHT STRESS
 SPACE PSYCHOLOGY
 WEIGHTLESSNESS

SPACE ARROW SATELLITE

USE COSMOS 149 SATELLITE

SPACE BASED RADAR

GS RADAR
 . SPACE BASED RADAR
 RT AIRBORNE RADAR
 ANTENNA ARRAYS
 RADIATION EFFECTS
 RADIATION SHIELDING

SPACE BASES

GS SPACE BASES
 . LUNAR BASES
 . SPACE COLONIES
 RT ∞ BASES
 MIR SPACE STATION
 SALYUT SPACE STATION
 SPACE STATIONS
 STATIONS

SPACE BIOLOGY

USE EXOBIOLOGY

SPACE BUSES

USE FERRY SPACECRAFT

SPACE CAPSULES

UF CAPSULES (SPACECRAFT)
 GS SPACE CAPSULES
 . DISCOVERER RECOVERY CAPSULES
 . ESCAPE CAPSULES
 . MERCURY SPACECRAFT
 . AURORA 7
 . FAITH 7
 . FRIENDSHIP 7
 . SIGMA 7
 RT ARTIFICIAL SATELLITES
 BIOSATELLITES
 CABIN ATMOSPHERES
 ∞ CAPSULES
 COCKPITS
 GEMINI SPACECRAFT
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 LANDING MODULES
 LUNAR SPACECRAFT
 MANNED SPACECRAFT
 MERCURY FLIGHTS
 RECOVERABLE SPACECRAFT
 REENTRY VEHICLES
 RENDEZVOUS SPACECRAFT
 SOFT LANDING SPACECRAFT
 ∞ SPACECRAFT
 SPACECRAFT CABINS
 SPACECRAFT MODULES
 UNMANNED SPACECRAFT
 VOSKHOD MANNED SPACECRAFT
 VOSTOK SPACECRAFT

SPACE CHARGE

GS ELECTRIC CHARGE
 . SPACE CHARGE
 RT BUNCHING
 CHILD-LANGMUIR LAW
 ELECTRIC DISCHARGES
 ELECTRON CLOUDS
 LANDAU DAMPING
 MAGNETOHYDRODYNAMICS
 NONOHMIC EFFECT
 ORBITRONS
 PERVEANCE
 PLASMAS (PHYSICS)
 STATIC ELECTRICITY

SPACE COLONIES

GS SPACE BASES

SPACE COLONIES--(cont.)

. SPACE COLONIES
 RT LUNAR BASES
 LUNAR SHELTERS
 SPACE HABITATS
 SPACE STATIONS
 TERRAFORMING

SPACE COMMERCIALIZATION

RT AEROSPACE INDUSTRY
 COMMERCE LAB
 COMMERCIAL SPACECRAFT
 COMMUNICATION SATELLITES
 DIRECT BROADCAST SATELLITES
 INSURANCE (CONTRACTS)
 LUNAR MINING
 ∞ MICROGRAVITY APPLICATIONS
 SPACE INDUSTRIALIZATION
 SPACE MANUFACTURING
 SPACE PROCESSING
 SPACECRAFT LAUNCHING
 TECHNOLOGY TRANSFER

SPACE COMMUNICATION

GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . EXTRATERRESTRIAL
 COMMUNICATION
 . . INTERPLANETARY COMMUNICATION
 . . LUNAR COMMUNICATION
 . . CIRCUMLUNAR COMMUNICATION
 . . SPACECRAFT COMMUNICATION
 . . REENTRY COMMUNICATION
 . . SATELLITE COMMUNICATION
 RT COMMUNICATION SATELLITES
 DEFENSE COMMUNICATIONS SATELLITE
 SYSTEM
 EXTRATERRESTRIAL INTELLIGENCE
 FURLABLE ANTENNAS
 INTERSTELLAR COMMUNICATION
 LASERS
 LINE OF SIGHT COMMUNICATION
 MANNED SPACE FLIGHT
 OPTICAL COMMUNICATION
 PULSE COMMUNICATION
 RADIO COMMUNICATION
 RADIO TELEMETRY
 TELEVISION SYSTEMS
 WIRELESS COMMUNICATION

SPACE COOLING (BUILDINGS)

GS COOLING
 RT . SPACE COOLING (BUILDINGS)
 COOLING SYSTEMS
 ENERGY TECHNOLOGY
 HEAT EXCHANGERS
 HEAT PUMPS
 LIQUID COOLING
 RESIDENTIAL ENERGY
 SOLAR COLLECTORS
 SOLAR COOLING
 SOLAR ENERGY CONVERSION
 TEMPERATURE CONTROL

SPACE DEBRIS

GS DEBRIS
 . SPACE DEBRIS
 RT ASTEROID BELTS
 ASTEROIDS
 CHIRON
 COSMIC DUST
 DUST
 METEORIODS
 MICROMETEORIODS
 ∞ SPACECRAFT
 SPACECRAFT BREAKUP
 SPACECRAFT DESIGN
 TORO ASTEROID
 VESTA ASTEROID

SPACE DENSITY

GS DENSITY (MASS/VOLUME)
 . SPACE DENSITY
 DENSITY (NUMBER/VOLUME)
 . SPACE DENSITY
 RT ATMOSPHERIC DENSITY
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 PARTICLE DENSITY (CONCENTRATION)
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 PROTON DENSITY (CONCENTRATION)

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UF SPADATS (TRACKING SYSTEM)

SPACE DETECTION AND TRACKING--(cont.)

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 TRACKING NETWORKS
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 STDN (NETWORK)
 ∞ SYSTEMS

SPACE DIVERSITY

USE RECEPTION DIVERSITY

SPACE ELECTRIC ROCKET TESTS

UF SERT (ROCKET TESTS)
 GS ENGINE TESTS
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 RT ELECTRIC ROCKET ENGINES
 FLIGHT TESTS
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 SERT 2 SPACECRAFT
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SPACE ENVIRONMENT

USE AEROSPACE ENVIRONMENTS

SPACE ENVIRONMENT SIMULATION

GS SIMULATION
 . ENVIRONMENT SIMULATION
 . . **SPACE ENVIRONMENT SIMULATION**
 . . . WEIGHTLESSNESS SIMULATION
 NEUTRAL BUOYANCY SIMULATION
 RT ALTITUDE SIMULATION
 ATMOSPHERIC ENTRY SIMULATION
 FLIGHT SIMULATION
 FLIGHT SIMULATORS
 HIGH VACUUM ORBITAL SIMULATOR
 LANGLEY COMPLEX COORDINATOR
 MOTION SIMULATORS
 SOLAR SIMULATION
 THERMAL SIMULATION
 VACUUM CHAMBERS
 VIRTUAL REALITY

SPACE ENVIRONMENTAL LUBRICATION

USE SPACECRAFT LUBRICATION

SPACE ERECTABLE STRUCTURES

GS **SPACE ERECTABLE STRUCTURES**
 . INFLATABLE SPACECRAFT
 . . BEACON SATELLITES
 . . . BEACON EXPLORER A
 EXPLORER 22 SATELLITE
 RT EXPANDABLE STRUCTURES
 FOLDING STRUCTURES
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 LARGE DEPLOYABLE REFLECTOR
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 MAYPOLE ANTENNAS
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 RIGID STRUCTURES
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 SPACE STATION STRUCTURES
 SPACE TECHNOLOGY EXPERIMENTS
 SPACECRAFT MODULES
 SPACECRAFT STRUCTURES
 ∞ STRUCTURES

SPACE EXPER WITH PARTICLE ACCELERATORS

USE SEPAC (PAYLOAD)

SPACE EXPLORATION

UF PLANETARY EXPLORATION
 GS EXPLORATION
 . **SPACE EXPLORATION**
 RT AEROSPACE ENVIRONMENTS
 ASTEROID MISSIONS
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SPACE EXPLORATION--(cont.)

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 EXTRATERRESTRIAL ENVIRONMENTS
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 VIKING ORBITER SPACECRAFT
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SPACE FLIGHT

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 . INTERSTELLAR TRAVEL
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 . . . APOLLO 16 FLIGHT
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 . MERCURY FLIGHTS
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 . . MERCURY MA-5 FLIGHT
 . . MERCURY MA-6 FLIGHT
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 VIKING ORBITER SPACECRAFT
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 VIKING 1 SPACECRAFT
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 DEHYDRATED FOOD
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 EATING
 ∞ FOOD
 FOOD INTAKE
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 WASTE DISPOSAL

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GS FLIGHT STRESS (BIOLOGY)
 . **SPACE FLIGHT STRESS**
 RT BOREDOM
 ∞ FLIGHT STRESS
 GRAVITATIONAL PHYSIOLOGY
 LOWER BODY NEGATIVE PRESSURE
 MANNED SPACE FLIGHT
 SPACE ADAPTATION SYNDROME
 SPACE PSYCHOLOGY
 STRESS (PHYSIOLOGY)
 STRESS (PSYCHOLOGY)
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SPACE FLIGHT TRACKING AND DATA NETWORK

GS TRACKING NETWORKS
 . **SPACE FLIGHT TRACKING AND DATA NETWORK**
 RT ∞ DATA
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 GLOBAL TRACKING NETWORK
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 SATELLITE TRACKING
 STATIONS

SPACE FLIGHT TRACKING AND DATA--(cont.)

STDN (NETWORK)
TRACKING STATIONS

SPACE FLIGHT TRAINING

GS EDUCATION
FLIGHT TRAINING
SPACE FLIGHT TRAINING
RT ASTRONAUT TRAINING
PILOT TRAINING
SPACECRAFT CABIN SIMULATORS
TRAINING SIMULATORS

SPACE GLIDERS

USE LIFTING REENTRY VEHICLES

SPACE GLOSSARIES

RT BIBLIOGRAPHIES
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DOCUMENTATION
INDEXES (DOCUMENTATION)
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SPACE HABITATS

RT AEROSPACE ENVIRONMENTS
CLOSED ECOLOGICAL SYSTEMS
LIFE SUPPORT SYSTEMS
SPACE COLONIES
SPACE STATIONS
SPACECREWS
TERRAFORMING

SPACE HEATING (BUILDINGS)

GS HEATING
SPACE HEATING (BUILDINGS)
RT AIR CONDITIONING
ENVIRONMENTAL ENGINEERING
HEATING EQUIPMENT
RESIDENTIAL ENERGY
SOLAR ATRIUMS
SOLAR HEATING
SOLAR HOUSES
TEMPERATURE CONTROL
WASTE ENERGY UTILIZATION

SPACE INDUSTRIALIZATION

GS SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
SPACE PROCESSING
RT COMMERCIAL SPACECRAFT
ECONOMIC DEVELOPMENT
ENERGY CONVERSION
INDUSTRIES
LUNAR MINING
MANUFACTURING
PROCESSES
PRODUCT DEVELOPMENT
PRODUCTS
RESEARCH FACILITIES
SPACE COMMERCIALIZATION

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UF SIRT
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
ASTRONOMICAL SATELLITES
SPACE INFRARED TELESCOPE
FACILITY
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
SPACE INFRARED TELESCOPE
FACILITY
TELESCOPES
INFRARED TELESCOPES
SPACE INFRARED TELESCOPE
FACILITY
SPACEBORNE TELESCOPES
SPACE INFRARED TELESCOPE
FACILITY
RT INFRARED ASTRONOMY
SPACEBORNE ASTRONOMY

SPACE LABORATORIES

GS LABORATORIES
SPACE LABORATORIES
ADVANCED TECHNOLOGY
LABORATORY
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
EARTH VIEWING APPLICATIONS
LABORATORY
LONG DURATION EXPOSURE
FACILITY

SPACE LABORATORIES--(cont.)

MANNED ORBITAL LABORATORIES
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACELAB
RT AEROSPACE SCIENCES
ARTIFICIAL SATELLITES
GEOPHYSICAL SATELLITES
LUNAR LABORATORIES
MIR SPACE STATION
ORBITAL WORKSHOPS
RESEARCH FACILITIES
RESEARCH VEHICLES
SAIL PROJECT
SALYUT SPACE STATION
SORTIE SYSTEMS
SPACE STATION FREEDOM
SPACE STATIONS
SPACEBORNE EXPERIMENTS
SPACECRAFT

SPACE LAW

GS LAW (JURISPRUDENCE)
INTERNATIONAL LAW
SPACE LAW
RT AIR LAW
DIRECT BROADCAST SATELLITES
INSURANCE (CONTRACTS)
OUTER SPACE TREATY
SABOTAGE

SPACE LOGISTICS

GS LOGISTICS
SPACE LOGISTICS
RT CONSUMABLES (SPACECRAFT)
CONSUMABLES (SPACECREW SUPPLIES)
EXTRATERRESTRIAL RESOURCES
MANNED SPACE FLIGHT
SPACECRAFT CABIN SIMULATORS
SPACECREW TRANSFER
STOWAGE (ONBOARD EQUIPMENT)

SPACE MAINTENANCE

GS MAINTENANCE
SPACE MAINTENANCE
RT ASTRONAUT TRAINING
ASTRONAUTICS
EXTRAVEHICULAR ACTIVITY
ORBITAL WORKERS
PAYLOAD TRANSFER
REMOTE MANIPULATOR SYSTEM

SPACE MANUFACTURING

GS FABRICATION
SPACE MANUFACTURING
MANUFACTURING
SPACE MANUFACTURING
SPACE INDUSTRIALIZATION
SPACE MANUFACTURING
RT AEROSPACE ENVIRONMENTS
ASSEMBLING
COMMERCIAL SPACECRAFT
CONSTRUCTION
HIGH VACUUM
INDUSTRIES
LEVITATION MELTING
LIQUID BRIDGES
LOW GRAVITY MANUFACTURING
MICROGRAVITY APPLICATIONS
SPACE COMMERCIALIZATION
SPACE PROCESSING
SPACEBORNE EXPERIMENTS
TECHNOLOGIES
VACUUM EFFECTS
WEIGHTLESSNESS

SPACE MECHANICS

GS CLASSICAL MECHANICS
SPACE MECHANICS
ASTRODYNAMICS
CELESTIAL MECHANICS
ORBITAL MECHANICS
KEPLER LAWS
MINIMUM VARIANCE ORBIT
DETERMINATION
RT FLIGHT MECHANICS
MAGNETOHYDRODYNAMICS
ORBITAL SPACE TESTS
QUADRATURES

SPACE MEDICINE

USE AEROSPACE MEDICINE

SPACE MISSIONS

GS SPACE MISSIONS
CASSINI MISSION
CLUSTER MISSION
FLYBY MISSIONS
ASTEROID MISSIONS
COMET RENDEZVOUS ASTEROID
FLYBY MISSION
GIOTTO MISSION
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
VOYAGER 1977 MISSION
MARINER VENUS-MERCURY 1973
MARINER-MERCURY 1973
MANNED MARS MISSIONS
MARS SAMPLE RETURN MISSIONS
SOHO MISSION
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
STARPROBE MISSION
ULYSSES MISSION
RT APOLLO SOYUZ TEST PROJECT
CHINESE SPACE PROGRAM
EARTH-VENUS TRAJECTORIES
EUROPEAN SPACE PROGRAMS
FRENCH SPACE PROGRAM
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MAGELLAN PROJECT (NASA)
MISSIONS
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE PROGRAMS
SPACE SHUTTLE MISSIONS
SPACECRAFT
TOPS (SPACECRAFT)

SPACE NAVIGATION

GS NAVIGATION
SPACE NAVIGATION
INTERPLANETARY NAVIGATION
RT AIR NAVIGATION
ASTRODYNAMICS
ASTRONAUTICS
ASTRONAVIGATION
AUTONOMOUS NAVIGATION
CELESTIAL NAVIGATION
DIGITAL NAVIGATION
EARTH-VENUS TRAJECTORIES
GLOBAL POSITIONING SYSTEM
INERTIAL NAVIGATION
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MANNED SPACECRAFT
ORBITAL MANEUVERS
ORBITAL MECHANICS
ORBITS
RADAR NAVIGATION
RADIO NAVIGATION
REFERENCE STARS
SATELLITE GUIDANCE
SATELLITE NAVIGATION SYSTEMS
SPACECRAFT GUIDANCE
SPACECRAFT POSITION INDICATORS
STANDARDIZED SPACE GUIDANCE

SPACE OBSERVATIONS (FROM EARTH)

GS OBSERVATION
SPACE OBSERVATIONS (FROM
EARTH)
RT ASTRONOMICAL INTERFEROMETRY
DETECTION
RADIO OBSERVATION
RECONNAISSANCE
SEEING (ASTRONOMY)
SPACE SURVEILLANCE (GROUND
BASED)
VISUAL OBSERVATION

SPACE OPERATIONS CENTER (NASA)

GS ARTIFICIAL SATELLITES
SPACE STATIONS
SPACE OPERATIONS CENTER (NASA)
MANNED SPACECRAFT
SPACE OPERATIONS CENTER (NASA)
STATIONS
SPACE STATIONS
SPACE OPERATIONS CENTER (NASA)
RT LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
ORBITAL SERVICING

∞ SPACE ORIENTATION

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT ATTITUDE (INCLINATION)
BEARING (DIRECTION)
VERTICAL PERCEPTION
VISUAL PERCEPTION

SPACE PERCEPTION

- UF DEPTH PERCEPTION
DISTANCE PERCEPTION
FORM PERCEPTION
SLANT PERCEPTION
- GS PERCEPTION
SENSORY PERCEPTION
VISUAL PERCEPTION
SPACE PERCEPTION
AUTOKINESIS
- RT BINOCULAR VISION
MONOCULAR VISION
PERIPHERAL VISION
RANGE FINDERS
SOUND LOCALIZATION
VISUAL FIELDS

SPACE PHOTOGRAPHY

- USE SPACEBORNE PHOTOGRAPHY

SPACE PLASMA H/V INTERACTION
EXPERIMENTS

- USE SPHINX

SPACE PLASMAS

- GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
SPACE PLASMAS
SOLAR WIND
STELLAR WINDS
- RT AMPTE (SATELLITES)
CLUSTER MISSION
CRRES (SATELLITE)
EARTH MAGNETOSPHERE
FLUX TRANSFER EVENTS
GEOMAGNETISM
IONOPAUSE
MAGNETIC FIELD RECONNECTION
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
OPEN PROJECT
PLASMA DENSITY
PLASMA DIAGNOSTICS
PLASMA INTERACTIONS
PLASMA LAYERS
PLASMA PHYSICS
PLASMA WAVES
PLASMA-ELECTROMAGNETIC
INTERACTION
POLAR CUSPS
SPHINX
WAVE-PARTICLE INTERACTIONS

SPACE PLATFORMS

- GS SPACE PLATFORMS
COLUMBUS SPACE STATION
EURECA (ESA)
LONG DURATION EXPOSURE FACILITY
MAN TENDED FREE FLYERS
SPACE STATION POLAR PLATFORMS
SYNCHRONOUS PLATFORMS
- RT EARTH OBSERVING SYSTEM (EOS)
INTRAORBIT TRANSFER VEHICLES
ORBITAL SERVICING
- ∞ PLATFORMS
SHAPE CONTROL
SPACE STATION FREEDOM
SPACE STATIONS

SPACE POWER REACTORS

- GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS

SPACE POWER REACTORS--(cont.)

- FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SNAP 50
SPACE POWER UNIT REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
FISSION ELECTRIC CELLS
SNAP 2
SNAP 4
SNAP 8
SNAP 10A
SPACE POWER UNIT REACTORS
HEAT EXCHANGERS
SPACE STATION POWER SUPPLIES
TURBOGENERATORS
- RT

SPACE POWER UNIT REACTORS

- UF SPUR (REACTORS)
- GS AUXILIARY POWER SOURCES
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER
GENERATION
NUCLEAR AUXILIARY POWER UNITS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
NUCLEAR REACTORS
NUCLEAR POWER REACTORS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
FISSION ELECTRIC CELLS
HEAT EXCHANGERS
SNAP
SNAP 2
SNAP 4
SNAP 8
SNAP 50
TURBOGENERATORS
- RT

SPACE PROBES

- GS UNMANNED SPACECRAFT
SPACE PROBES
EXPLORER 18 SATELLITE
GIOTTO MISSION
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE
LUNIK 13 LUNAR PROBE
LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE
SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE

SPACE PROBES--(cont.)

- SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC
SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARS OBSERVER
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING ORBITER 1975
VIKING 1 SPACECRAFT
VIKING LANDER 1
VIKING ORBITER 1
VIKING 2 SPACECRAFT
VIKING LANDER 2
VIKING ORBITER 2
ZOND 2 SPACE PROBE
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
STARPROBE SPACECRAFT
SUNBLAZER SPACE PROBE
VENUS PROBES
MAGELLAN SPACECRAFT (NASA)
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 10 SPACE PROBE
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE

SPACE PROBES--(cont.)

... ZOND 4 SPACE PROBE
 ... ZOND 5 SPACE PROBE
 ... ZOND 6 SPACE PROBE
 ... ZOND 7 SPACE PROBE
 ... ZOND 8 SPACE PROBE
 ... VOYAGER 1 SPACECRAFT
 ... VOYAGER 2 SPACECRAFT
 RT ATLAS ABL 5 LAUNCH VEHICLE
 CASSINI MISSION
 INTERPLANETARY SPACECRAFT
 MAGNETIC PROBES
 MANEUVERABLE SPACECRAFT
 MARINER PROGRAM
 METEOROLOGICAL SATELLITES
 PIONEER PROJECT
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 ∞ PROBES
 RADIO OCCULTATION
 SATELLITE TELEVISION
 VOYAGER PROJECT
 VOYAGER 1977 MISSION

SPACE PROCESSING

GS SPACE INDUSTRIALIZATION
 . SPACE PROCESSING
 RT ACOUSTIC LEVITATION
 BIOPROCESSING
 COMMERCIAL SPACECRAFT
 CONTAINERLESS MELTS
 CRYSTAL GROWTH
 DIAMOND FILMS
 ELECTRIC FURNACES
 FLOAT ZONES
 LEVITATION MELTING
 LIQUID BRIDGES
 LOW GRAVITY MANUFACTURING
 MARANGONI CONVECTION
 METALORGANIC CHEMICAL VAPOR
 DEPOSITION
 ∞ MICROGRAVITY APPLICATIONS
 MISCIBILITY GAP
 ORBITAL WORKSHOPS
 PROTEIN CRYSTAL GROWTH
 SINGLE CRYSTALS
 SPACE COMMERCIALIZATION
 SPACE MANUFACTURING
 SPACEBORNE EXPERIMENTS
 ULTRAPURE METALS

SPACE PROCESSING APPLICATIONS ROCKET

UF SPAR (ROCKET)
 RT LAUNCH VEHICLES
 METAL FOAMS
 PAYLOADS
 ROCKET VEHICLES
 WEIGHTLESSNESS

SPACE PROGRAMS

GS PROGRAMS
 . SPACE PROGRAMS
 . ARGENTINE SPACE PROGRAM
 . AUSTRALIAN SPACE PROGRAM
 . BRAZILIAN SPACE PROGRAM
 . CANADIAN SPACE PROGRAM
 . ALOUETTE PROJECT
 . CHINESE SPACE PROGRAM
 . EUROPEAN SPACE PROGRAMS
 . AUSTRIAN SPACE PROGRAM
 . BELGIAN SPACE PROGRAM
 . CZECHOSLOVAKIAN SPACE
 PROGRAM
 . DANISH SPACE PROGRAM
 . FINNISH SPACE PROGRAM
 . FRENCH SPACE PROGRAM
 . GERMAN SPACE PROGRAM
 . GREEK SPACE PROGRAM
 . HUNGARIAN SPACE PROGRAM
 . ICELANDIC SPACE PROGRAM
 . ITALIAN SPACE PROGRAM
 . LUXEMBOURG SPACE PROGRAM
 . NETHERLANDS SPACE PROGRAM
 . NORWEGIAN SPACE PROGRAM
 . PORTUGUESE SPACE PROGRAM
 . SPANISH SPACE PROGRAM
 . SWEDISH SPACE PROGRAM
 . SWISS SPACE PROGRAM
 . TURKISH SPACE PROGRAM
 . U.S.S.R. SPACE PROGRAM
 . UK SPACE PROGRAM
 . GEOGRAPHIC APPLICATIONS
 PROGRAM
 . INDIAN SPACE PROGRAM
 . INDONESIAN SPACE PROGRAM

SPACE PROGRAMS--(cont.)

... ISRAELI SPACE PROGRAM
 ... JAPANESE SPACE PROGRAM
 ... MEXICAN SPACE PROGRAM
 ... NASA SPACE PROGRAMS
 ... APOLLO APPLICATIONS PROGRAM
 ... APOLLO PROJECT
 ... BIOASTRONAUTICAL ORBITAL
 SPACE SYSTEM
 ... CENTAUR PROJECT
 ... EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 ... EARTH RESOURCES PROGRAM
 ... EARTH RESOURCES SURVEY
 PROGRAM
 ... SEASAT PROGRAM
 ... ECHO PROJECT
 ... GALILEO PROJECT
 ... GEMINI PROJECT
 ... HELIOS PROJECT
 ... JUPITER PROJECT
 ... MAGELLAN PROJECT (NASA)
 ... MARINER PROGRAM
 ... MARINER VENUS-MERCURY 1973
 ... MARINER-MERCURY 1973
 ... MARS 69 PROJECT
 ... MARS 71 PROJECT
 ... MERCURY PROJECT
 ... NATIONAL LAUNCH VEHICLE
 PROGRAM
 ... NEW MOONS PROJECT
 ... NIMBUS PROJECT
 ... OPEN PROJECT
 ... PIONEER PROJECT
 ... PROJECT SETI
 ... RANGER PROJECT
 ... AGENA B RANGER PROGRAM
 ... ROVER PROJECT
 ... SAIL PROJECT
 ... SATURN PROJECT
 ... SCOUT PROJECT
 ... SKYLAB PROGRAM
 ... STARPROBE MISSION
 ... SURVEYOR PROJECT
 ... SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 ... TEKTITE PROJECT
 ... TIROS PROJECT
 ... TITAN PROJECT
 ... VANGUARD PROJECT
 ... VIKING MARS PROGRAM
 ... VOYAGER PROJECT
 ... NEW ZEALAND SPACE PROGRAM
 ... PAKISTAN SPACE PROGRAM
 ... SAUDI ARABIAN SPACE PROGRAM
 RT APOLLO SOYUZ TEST PROJECT
 EUROPEAN SPACE AGENCY
 INTERNATIONAL SPACE YEAR
 ISRO
 MANNED SPACE FLIGHT
 NASA PROGRAMS
 ∞ RESEARCH PROJECTS
 SOLAR MAXIMUM MISSION
 SPACE MISSIONS

SPACE PSYCHOLOGY

GS AEROSPACE MEDICINE
 . SPACE PSYCHOLOGY
 PSYCHOLOGY
 RT . SPACE PSYCHOLOGY
 ASTRONAUT PERFORMANCE
 ASTRONAUT TRAINING
 AVIATION PSYCHOLOGY
 MANNED SPACE FLIGHT
 MILITARY PSYCHOLOGY
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGICAL FACTORS
 SOCIAL FACTORS
 SPACE ADAPTATION SYNDROME
 SPACE FLIGHT STRESS
 STRESS (PSYCHOLOGY)

SPACE RADIATION

USE EXTRATERRESTRIAL RADIATION

SPACE RADIATORS

USE SPACECRAFT RADIATORS

SPACE RATIONS

GS CONSUMABLES (SPACECREW SUPPLIES)
 . SPACE RATIONS
 RATIONS
 . SPACE RATIONS
 RT ∞ FOOD
 FOOD PRODUCTION (IN SPACE)

SPACE RATIONS--(cont.)

PROVISIONING
 STOWAGE (ONBOARD EQUIPMENT)

SPACE RENDEZVOUS

UF SPACECRAFT RENDEZVOUS
 GS RENDEZVOUS
 . SPACE RENDEZVOUS
 . ORBITAL RENDEZVOUS
 . EARTH ORBITAL RENDEZVOUS
 . LUNAR ORBITAL RENDEZVOUS
 RT APOLLO SOYUZ TEST PROJECT
 RENDEZVOUS TRAJECTORIES
 SPACECRAFT DOCKING
 TRANSFER ORBITS

SPACE SCIENCES

USE AEROSPACE SCIENCES

SPACE SELF MANEUVERING UNITS

USE SELF MANEUVERING UNITS

SPACE SHUTTLE ASCENT STAGE

GS SPACECRAFT CONFIGURATIONS
 . SPACE SHUTTLE ASCENT STAGE
 RT ADVANCED SOLID ROCKET MOTOR
 (STS)
 ASCENT PROPULSION SYSTEMS
 EXTERNAL TANKS
 SPACE SHUTTLE BOOSTERS
 SPACE SHUTTLE ORBITERS
 SPACE SHUTTLE UPPER STAGES
 SPACE SHUTTLES
 STAGE SEPARATION

SPACE SHUTTLE BOOSTERS

UF SHUTTLE BOOSTERS
 SOLID ROCKET BOOSTERS (SPACE
 SHUTTLE)
 SPACE SHUTTLE SOLID ROCKET
 MOTORS
 SRB (SOLID ROCKET BOOSTERS)
 GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . SPACE SHUTTLE BOOSTERS
 ADVANCED SOLID ROCKET
 MOTOR (STS)
 SOLID PROPELLANT ROCKET
 ENGINES
 SPACE SHUTTLE BOOSTERS
 ADVANCED SOLID ROCKET
 MOTOR (STS)
 RT ∞ BOOSTERS
 MANNED SPACECRAFT
 O RING SEALS
 REUSABLE SPACECRAFT
 SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLE MAIN ENGINE

GS ENGINES
 . ROCKET ENGINES
 . LIQUID PROPELLANT ROCKET
 ENGINES
 SPACE SHUTTLE MAIN ENGINE
 RT PROPULSION
 SPACE TRANSPORTATION SYSTEM
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SPACE SHUTTLE MISSION 31-A

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSIONS
 SPACE SHUTTLE MISSION 31-A
 RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 31-B

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSIONS
 SPACE SHUTTLE MISSION 31-B
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 31-C

UF SPACE SHUTTLE ORBITAL FLIGHT 7
 GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 SPACE SHUTTLE MISSIONS
 SPACE SHUTTLE MISSION 31-C
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 31-D

UF SPACE SHUTTLE ORBITAL FLIGHT 8

SPACE SHUTTLE MISSION 31-D--(cont.)

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 31-D**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-A

UF SPACE SHUTTLE ORBITAL FLIGHT 9
 GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 41-A**
 RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 41-B

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 41-B**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-C

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 41-C**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-D

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 41-D**
 RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 41-G

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 41-G**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-A

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-A**
 RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-B

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-B**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-C

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-C**
 RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-D

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-D**
 RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-E

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-E**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-F

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-F**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-G

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-G**
 RT DISCOVERY (ORBITER)
 SAUDI ARABIAN SPACE PROGRAM

SPACE SHUTTLE MISSION 51-H

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-H**
 RT ATLANTIS (ORBITER)

SPACE SHUTTLE MISSION 51-I

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-I**
 RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-J

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-J**
 RT ATLANTIS (ORBITER)

SPACE SHUTTLE MISSION 51-L

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 51-L**
 RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 61-A

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 61-A**
 RT CHALLENGER (ORBITER)
 COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 61-B

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 61-B**
 RT ATLANTIS (ORBITER)

SPACE SHUTTLE MISSION 61-C

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 61-C**
 RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 61-E

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . SPACE SHUTTLE MISSIONS
 . . . **SPACE SHUTTLE MISSION 61-E**
 RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSIONS

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . **SPACE SHUTTLE MISSIONS**
 . . . SPACE SHUTTLE MISSION 31-A
 . . . SPACE SHUTTLE MISSION 31-B
 . . . SPACE SHUTTLE MISSION 31-C
 . . . SPACE SHUTTLE MISSION 31-D
 . . . SPACE SHUTTLE MISSION 41-A
 . . . SPACE SHUTTLE MISSION 41-B
 . . . SPACE SHUTTLE MISSION 41-C
 . . . SPACE SHUTTLE MISSION 41-D
 . . . SPACE SHUTTLE MISSION 41-G
 . . . SPACE SHUTTLE MISSION 51-A
 . . . SPACE SHUTTLE MISSION 51-B
 . . . SPACE SHUTTLE MISSION 51-C
 . . . SPACE SHUTTLE MISSION 51-D
 . . . SPACE SHUTTLE MISSION 51-E
 . . . SPACE SHUTTLE MISSION 51-F
 . . . SPACE SHUTTLE MISSION 51-G
 . . . SPACE SHUTTLE MISSION 51-H
 . . . SPACE SHUTTLE MISSION 51-I
 . . . SPACE SHUTTLE MISSION 51-J
 . . . SPACE SHUTTLE MISSION 51-L
 . . . SPACE SHUTTLE MISSION 61-A
 . . . SPACE SHUTTLE MISSION 61-B
 . . . SPACE SHUTTLE MISSION 61-C
 . . . SPACE SHUTTLE MISSION 61-E
 RT GET AWAY SPECIALS (STS)

∞ MISSIONS

SPACE MISSIONS
 SPACE TRANSPORTATION SYSTEM

SPACE SHUTTLE ORBITAL FLIGHT TEST 1

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 2

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 3

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 4

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TESTS

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SPACE SHUTTLE ORBITAL FLIGHT 7

USE SPACE SHUTTLE MISSION 31-C

SPACE SHUTTLE ORBITAL FLIGHT 8

USE SPACE SHUTTLE MISSION 31-D

SPACE SHUTTLE ORBITAL FLIGHT 9

USE SPACE SHUTTLE MISSION 41-A

SPACE SHUTTLE ORBITAL FLIGHTS

USE SPACE TRANSPORTATION SYSTEM
 FLIGHTS

SPACE SHUTTLE ORBITER 099

USE CHALLENGER (ORBITER)

SPACE SHUTTLE ORBITER 101

USE ENTERPRISE (ORBITER)

SPACE SHUTTLE ORBITER 102

USE COLUMBIA (ORBITER)

SPACE SHUTTLE ORBITER 103

USE DISCOVERY (ORBITER)

SPACE SHUTTLE ORBITER 104

USE ATLANTIS (ORBITER)

SPACE SHUTTLE ORBITERS

UF SHUTTLE ORBITERS
 GS MANNED SPACECRAFT
 . **SPACE SHUTTLE ORBITERS**
 . . ATLANTIS (ORBITER)
 . . CHALLENGER (ORBITER)
 . . COLUMBIA (ORBITER)
 . . DISCOVERY (ORBITER)
 . . ENDEAVOUR (ORBITER)
 . . ENTERPRISE (ORBITER)
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . REUSABLE SPACECRAFT
 . . **SPACE SHUTTLE ORBITERS**
 . . . ATLANTIS (ORBITER)
 . . . CHALLENGER (ORBITER)
 . . . COLUMBIA (ORBITER)
 . . . DISCOVERY (ORBITER)
 . . . ENDEAVOUR (ORBITER)
 . . . ENTERPRISE (ORBITER)
 RT INERTIAL UPPER STAGE
 MANNED SPACE FLIGHT
 MICROWAVE SCANNING BEAM LANDING
 SYSTEM
 PAYLOAD INTEGRATION PLAN
 SHUTTLE DERIVED VEHICLES
 SPACE SHUTTLE ASCENT STAGE
 SPACE TRANSPORTATION SYSTEM
 SPACECRAFT RECOVERY
 TERMINAL AREA ENERGY MANAGEMENT

SPACE SHUTTLE PAYLOADS

GS PAYLOADS
 . **SPACE SHUTTLE PAYLOADS**
 . . ADVANCED TECHNOLOGY
 . . . LABORATORY
 . . ASTRO MISSIONS (STS)
 . . ATMOSPHERIC GENERAL
 . . . CIRCULATION EXPERIMENT
 . . EARTH RADIATION BUDGET
 . . . EXPERIMENT
 . . EARTH VIEWING APPLICATIONS
 . . . LABORATORY
 . . ELECTROMAGNETIC ENVIRONMENT
 . . . EXPERIMENT
 . . GET AWAY SPECIALS (STS)
 . . HALOGEN OCCULTATION
 . . . EXPERIMENT
 . . OSS-1 PAYLOAD
 . . . OSTA-1 PAYLOAD

SPACE SHUTTLE PAYLOADS--(cont.)

.. OSTA-3 PAYLOAD
 .. PHYSICS AND CHEMISTRY
 .. EXPERIMENT IN SPACE
 .. PLASMA INTERACTION EXPERIMENT
 .. SPACELAB
 .. X RAY ASTROPHYSICS FACILITY
 RT COMMERCE LAB
 EXTRAVEHICULAR ACTIVITY
 FEATURE IDENTIFICATION AND
 LOCATION EXPER
 HUBBLE SPACE TELESCOPE
 ORBITAL SERVICING
 PAYLOAD ASSIST MODULE
 PAYLOAD INTEGRATION
 PAYLOAD INTEGRATION PLAN
 SHUTTLE IMAGING RADAR
 SORTIE SYSTEMS
 SPACE STATION PAYLOADS
 SPACE TECHNOLOGY EXPERIMENTS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS
 STARLAB

SPACE SHUTTLE SOLID ROCKET MOTORS
 USE SPACE SHUTTLE BOOSTERS**SPACE SHUTTLE UPPER STAGE A**

UF SSUS-A
 GS SPACE SHUTTLE UPPER STAGES
 . SPACE SHUTTLE UPPER STAGE A
 RT ATLAS CENTAUR LAUNCH VEHICLE

SPACE SHUTTLE UPPER STAGE D

UF SSUS-D
 GS SPACE SHUTTLE UPPER STAGES
 . SPACE SHUTTLE UPPER STAGE D
 RT DELTA LAUNCH VEHICLE
 SOLID PROPELLANT ROCKET ENGINES
 SPIN STABILIZATION

SPACE SHUTTLE UPPER STAGES

GS SPACE SHUTTLE UPPER STAGES
 . SPACE SHUTTLE UPPER STAGE A
 . SPACE SHUTTLE UPPER STAGE D
 . SPINNING SOLID UPPER STAGE
 RT SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLES

GS MANNED SPACECRAFT
 . SPACE SHUTTLES
 . . BURAN SPACE SHUTTLE
 . . HERMES MANNED SPACEPLANE
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . REUSABLE SPACECRAFT
 . . SPACE SHUTTLES
 . . . BURAN SPACE SHUTTLE
 . . . HERMES MANNED SPACEPLANE
 RT ADVANCED LAUNCH SYSTEM (STS)
 AEPS
 AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE
 ANNULAR SUSPENSION AND POINTING
 SYSTEM
 APPROACH AND LANDING TESTS (STS)
 ASSESS PROGRAM
 AUXILIARY PROPULSION
 BESS (SATELLITE)
 COLUMBUS SPACE STATION
 ENTRY GUIDANCE (STS)
 EURECA (ESA)
 EXPENDABLE STAGES (SPACECRAFT)
 GERMAN INFRARED LABORATORY
 HOTOL LAUNCH VEHICLE
 INERTIAL UPPER STAGE
 INTERIM STAGES (SPACECRAFT)
 INTRAORBIT TRANSFER VEHICLES
 LIRTS (TELESCOPE)
 MANNED SPACE FLIGHT
 ORBIT MANEUVERING ENGINE (SPACE
 SHUTTLE)
 ORBIT TRANSFER VEHICLES
 ORBITAL MANEUVERS
 PAYLOAD CONTROL
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 PAYLOAD RETRIEVAL (STS)
 SAIL PROJECT
 SHUTTLE DERIVED VEHICLES
 SHUTTLE ENGINEERING SIMULATOR
 SHUTTLE PALLET SATELLITES
 SINGLE STAGE TO ORBIT VEHICLES
 SORTIE SYSTEMS
 SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLES--(cont.)

SPACE TRANSPORTATION SYSTEM
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 ∞ SPACECRAFT
 SPACECRAFT RECOVERY
 SPACELAB

SPACE SIMULATORS

UF ORBITAL SIMULATORS
 GS SIMULATORS
 . ENVIRONMENT SIMULATORS
 . . SPACE SIMULATORS
 . . . HIGH VACUUM ORBITAL SIMULATOR
 . . . LANGLEY COMPLEX COORDINATOR
 RT CENTRIFUGES
 FLIGHT SIMULATORS
 NEUTRAL BUOYANCY SIMULATION
 SOLAR SIMULATORS
 SPACECRAFT ENVIRONMENTS
 VACUUM CHAMBERS

SPACE STATION FREEDOM

UF FREEDOM SPACE STATION
 GS ARTIFICIAL SATELLITES
 . SPACE STATIONS
 . . SPACE STATION FREEDOM
 STATIONS
 . SPACE STATIONS
 . . SPACE STATION FREEDOM
 RT COLUMBUS SPACE STATION
 LARGE SPACE STRUCTURES
 NASA SPACE PROGRAMS
 ORBITAL SERVICING
 SPACE LABORATORIES
 SPACE PLATFORMS
 SPACE STATION PAYLOADS
 SPACE STATION POLAR PLATFORMS
 SPACE STATION POWER SUPPLIES
 SPACE STATION PROPULSION
 SPACE STATION STRUCTURES

SPACE STATION PAYLOADS

GS PAYLOADS
 . SPACE STATION PAYLOADS
 RT EARTH OBSERVING SYSTEM (EOS)
 MAN TENDED FREE FLYERS
 SPACE SHUTTLE PAYLOADS
 SPACE STATION FREEDOM
 SPACE STATION POLAR PLATFORMS
 SPACE STATIONS
 SPACELAB PAYLOADS

SPACE STATION POLAR PLATFORMS

UF POLAR PLATFORMS (SPACE STATIONS)
 GS ARTIFICIAL SATELLITES
 . SPACE STATIONS
 . . SPACE STATION POLAR PLATFORMS
 SPACE PLATFORMS
 . SPACE STATION POLAR PLATFORMS
 STATIONS
 . SPACE STATIONS
 . . SPACE STATION POLAR PLATFORMS
 RT COLUMBUS SPACE STATION
 EARTH OBSERVING SYSTEM (EOS)
 POLAR ORBITS
 REMOTE SENSING
 SPACE STATION FREEDOM
 SPACE STATION PAYLOADS

SPACE STATION POWER SUPPLIES

GS ELECTRIC POWER SUPPLIES
 . SPACE STATION POWER SUPPLIES
 RT ELECTRIC BATTERIES
 ENERGY STORAGE
 SOLAR ARRAYS
 SOLAR CELLS
 SOLAR DYNAMIC POWER SYSTEMS
 SPACE POWER REACTORS
 SPACE STATION FREEDOM
 SPACE STATIONS
 SPACECRAFT POWER SUPPLIES
 THERMOELECTRIC GENERATORS

SPACE STATION PROPULSION

GS PROPULSION
 . SPACE STATION PROPULSION
 RT AUXILIARY PROPULSION
 ELECTRIC PROPULSION
 HYDROGEN OXYGEN ENGINES
 ION ENGINES
 LOW THRUST PROPULSION
 PROPULSION SYSTEM CONFIGURATIONS
 RESISTOJET ENGINES
 SOLAR ELECTRIC PROPULSION

SPACE STATION PROPULSION--(cont.)

SPACE STATION FREEDOM
 SPACE STATIONS
 SPACECRAFT PROPULSION

SPACE STATION STRUCTURES

RT LARGE SPACE STRUCTURES
 ORBITAL ASSEMBLY
 SMART STRUCTURES
 SPACE ERECTABLE STRUCTURES
 SPACE STATION FREEDOM
 SPACE STATIONS
 SPACECRAFT STRUCTURES
 STRUCTURAL DESIGN
 ∞ STRUCTURES

SPACE STATIONS

UF EARTH ORBITING SPACE STATIONS
 MANNED ORBITAL SPACE STATIONS
 MOSS (SPACE STATIONS)
 SELF DEPLOYING SPACE STATIONS
 GS ARTIFICIAL SATELLITES
 . SPACE STATIONS
 . . COLUMBUS SPACE STATION
 . . HALO ORBIT SPACE STATION
 . . MAN TENDED FREE FLYERS
 . . MIR SPACE STATION
 . . ORBITING LUNAR STATIONS
 . . SALYUT SPACE STATION
 . . SKYLAB 1
 . . SKYLAB 2
 . . SKYLAB 3
 . . SKYLAB 4
 . . SPACE OPERATIONS CENTER (NASA)
 . . SPACE STATION FREEDOM
 . . SPACE STATION POLAR PLATFORMS
 STATIONS
 . SPACE STATIONS
 . . COLUMBUS SPACE STATION
 . . HALO ORBIT SPACE STATION
 . . MAN TENDED FREE FLYERS
 . . MIR SPACE STATION
 . . ORBITING LUNAR STATIONS
 . . SALYUT SPACE STATION
 . . SKYLAB 1
 . . SKYLAB 2
 . . SKYLAB 3
 . . SKYLAB 4
 . . SPACE OPERATIONS CENTER (NASA)
 . . SPACE STATION FREEDOM
 . . SPACE STATION POLAR PLATFORMS
 RT AEPS
 BIOASTRONAUTICS
 FERRY SPACECRAFT
 INFLATABLE STRUCTURES
 LARGE SPACE STRUCTURES
 MANNED ORBITAL LABORATORIES
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 ORBITAL SERVICING
 ORBITAL SPACE TESTS
 ORBITAL WORKSHOPS
 ∞ PLATFORMS
 RENDEZVOUS SPACECRAFT
 SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 SATURN 5 WORKSHOP
 SORTIE SYSTEMS
 SPACE BASES
 SPACE COLONIES
 SPACE HABITATS
 SPACE LABORATORIES
 SPACE PLATFORMS
 SPACE STATION PAYLOADS
 SPACE STATION POWER SUPPLIES
 SPACE STATION PROPULSION
 SPACE STATION STRUCTURES
 SPACECRAFT DOCKING
 SPIN STABILIZATION

SPACE STORAGE

RT CRYOGENIC FLUID STORAGE
 CRYOGENIC ROCKET PROPELLANTS
 PROPELLANT STORAGE
 STORABLE PROPELLANTS
 ∞ STORAGE
 STORAGE TANKS

SPACE SUITS

GS CLOTHING
 . PROTECTIVE CLOTHING
 . . PRESSURE SUITS
 . . . SPACE SUITS
 EXTRAVEHICULAR MOBILITY
 UNITS

SPACE SUITS--(cont.)

- . SUITS
- . . . PRESSURE SUITS
- . . . **SPACE SUITS**
- EXTRAVEHICULAR MOBILITY UNITS

RT SAFETY DEVICES

∞ SPACE SURVEILLANCE

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT SPACE SURVEILLANCE (GROUND BASED)
SPACE SURVEILLANCE (SPACEBORNE)

SPACE SURVEILLANCE (GROUND BASED)

- GS SURVEILLANCE
- . **SPACE SURVEILLANCE (GROUND BASED)**
- RT AIR DEFENSE
- ANTIMISSILE DEFENSE
- MINITRACK SYSTEM
- SPACE OBSERVATIONS (FROM EARTH)
- ∞ SPACE SURVEILLANCE
- SPACECRAFT TRACKING

SPACE SURVEILLANCE (SPACEBORNE)

- GS SURVEILLANCE
- . **SPACE SURVEILLANCE (SPACEBORNE)**
- RT AIR DEFENSE
- ANTIMISSILE DEFENSE
- HIGH ALTITUDE NUCLEAR DETECTION
- ICE MAPPING
- ICE REPORTING
- MILITARY SPACECRAFT
- OPTICAL COUNTERMEASURES
- RECONNAISSANCE
- SATELLITE-BORNE PHOTOGRAPHY
- SATELLITE-TO-SATELLITE TRACKING
- ∞ SPACE SURVEILLANCE
- SPACECRAFT TRACKING

SPACE SYSTEMS ENGINEERING

USE AEROSPACE ENGINEERING

SPACE TECHNOLOGY EXPERIMENTS

- RT ANTENNA DESIGN
- ANTENNAS
- LARGE SPACE STRUCTURES
- SPACE ERECTABLE STRUCTURES
- SPACE SHUTTLE PAYLOADS
- SPACEBORNE EXPERIMENTS

SPACE TEMPERATURE

- GS TEMPERATURE
- . **SPACE TEMPERATURE**
- RT CRYOGENIC TEMPERATURE
- ELECTRON ENERGY
- ION TEMPERATURE

SPACE TOOLS

- GS TOOLS
- . **SPACE TOOLS**
- RT LOW GRAVITY MANUFACTURING
- ORBITAL WORKERS
- TELEBOTICS

SPACE TRANSPORTATION

- GS TRANSPORTATION
- . **SPACE TRANSPORTATION**
- . . . SPACE TRANSPORTATION SYSTEM
- ADVANCED LAUNCH SYSTEM (STS)
- RT HOTOL LAUNCH VEHICLE
- INERTIAL UPPER STAGE
- JAPANESE SPACE PROGRAM
- ORBIT TRANSFER VEHICLES
- PAYLOAD STATIONS
- PAYLOADS
- SINGLE STAGE TO ORBIT VEHICLES
- TERMINAL AREA ENERGY MANAGEMENT

SPACE TRANSPORTATION SYSTEM

- UF STS
- TRANSPORTATION
- GS . SPACE TRANSPORTATION
- . . . **SPACE TRANSPORTATION SYSTEM**
- ADVANCED LAUNCH SYSTEM (STS)
- RT ADVANCED SOLID ROCKET MOTOR (STS)
- ANNULAR SUSPENSION AND POINTING SYSTEM
- APPROACH AND LANDING TESTS (STS)

SPACE TRANSPORTATION SYSTEM--(cont.)

- ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
- DEFENSE PROGRAM
- EXTRAVEHICULAR MOBILITY UNITS
- HERMES MANNED SPACEPLANE
- INERTIAL UPPER STAGE
- MANNED MANEUVERING UNITS
- NASA PROGRAMS
- ORBITAL SERVICING
- OSS-1 PAYLOAD
- OSTA-1 PAYLOAD
- OSTA-2 PAYLOAD
- OSTA-3 PAYLOAD
- PAYLOAD ASSIST MODULE
- PAYLOAD DELIVERY (STS)
- PAYLOAD INTEGRATION PLAN
- PAYLOAD RETRIEVAL (STS)
- POWER MODULES (STS)
- REMOTE MANIPULATOR SYSTEM
- SPACE SHUTTLE MAIN ENGINE
- SPACE SHUTTLE MISSIONS
- SPACE SHUTTLE ORBITERS
- SPACE SHUTTLE PAYLOADS
- SPACE SHUTTLES
- SPACE TRANSPORTATION SYSTEM
- FLIGHTS
- SPACE TUGS
- SPACELAB
- ∞ SYSTEMS

SPACE TRANSPORTATION SYSTEM FLIGHTS

- UF OFT
- ORBITAL FLIGHT TESTS (SHUTTLE)
- SPACE SHUTTLE ORBITAL FLIGHT TESTS
- GS SPACE SHUTTLE ORBITAL FLIGHTS
- FLIGHT TESTS
- . **SPACE TRANSPORTATION SYSTEM FLIGHTS**
- . . . SPACE TRANSPORTATION SYSTEM 1 FLIGHT
- . . . SPACE TRANSPORTATION SYSTEM 2 FLIGHT
- . . . SPACE TRANSPORTATION SYSTEM 3 FLIGHT
- . . . SPACE TRANSPORTATION SYSTEM 4 FLIGHT
- RT ENTRY GUIDANCE (STS)
- GEOPHYSICAL FLUID FLOW CELLS
- SOLAR CELL CALIBRATION FACILITY
- SPACE FLIGHT
- SPACE SHUTTLE MAIN ENGINE
- SPACE SHUTTLES
- SPACE TRANSPORTATION SYSTEM
- ∞ SYSTEMS
- ∞ TESTS

SPACE TRANSPORTATION SYSTEM 1 FLIGHT

- UF OFT 1
- ORBITAL FLIGHT TEST 1 (SHUTTLE)
- SPACE SHUTTLE ORBITAL FLIGHT TEST 1
- STS-1
- GS FLIGHT TESTS
- . SPACE TRANSPORTATION SYSTEM
- FLIGHTS
- . . **SPACE TRANSPORTATION SYSTEM 1 FLIGHT**

SPACE TRANSPORTATION SYSTEM 2 FLIGHT

- UF OFT 2
- ORBITAL FLIGHT TEST 2 (SHUTTLE)
- SPACE SHUTTLE ORBITAL FLIGHT TEST 2
- STS-2
- GS FLIGHT TESTS
- . SPACE TRANSPORTATION SYSTEM
- FLIGHTS
- . . **SPACE TRANSPORTATION SYSTEM 2 FLIGHT**

SPACE TRANSPORTATION SYSTEM 3 FLIGHT

- UF OFT 3
- ORBITAL FLIGHT TEST 3 (SHUTTLE)
- SPACE SHUTTLE ORBITAL FLIGHT TEST 3
- STS-3
- GS FLIGHT TESTS
- . SPACE TRANSPORTATION SYSTEM
- FLIGHTS
- . . **SPACE TRANSPORTATION SYSTEM 3 FLIGHT**

SPACE TRANSPORTATION SYSTEM 4 FLIGHT

- UF OFT 4
- ORBITAL FLIGHT TEST 4 (SHUTTLE)
- SPACE SHUTTLE ORBITAL FLIGHT TEST 4
- STS-4
- GS FLIGHT TESTS
- . SPACE TRANSPORTATION SYSTEM
- FLIGHTS
- . . **SPACE TRANSPORTATION SYSTEM 4 FLIGHT**

SPACE TUGS

- RT INERTIAL UPPER STAGE
- MODULES
- ORBIT TRANSFER VEHICLES
- ORBITAL SERVICING
- PAYLOADS
- PROPULSION
- SPACE TRANSPORTATION SYSTEM
- SPACECRAFT PROPULSION

SPACE VEHICLE CHECKOUT PROGRAM

- UF SPACECRAFT PRELAUNCH TESTS
- RT CHECKOUT
- COUNTDOWN
- PERFORMANCE TESTS
- PREFIRING TESTS
- SPACECRAFT MAINTENANCE
- ∞ TESTS

SPACE VEHICLE CONTROL

USE SPACECRAFT CONTROL

SPACE VEHICLES

USE SPACECRAFT

SPACE WEAPONS

- GS WEAPONS
- . **SPACE WEAPONS**
- RT AIR TO AIR MISSILES
- ANTIMISSILE MISSILES
- CHAPARRAL MISSILE
- LASER WEAPONS
- MINUTEMAN ICBM
- NUCLEAR WEAPONS
- SURFACE TO AIR MISSILES
- WEAPON SYSTEMS
- WEAPONS DELIVERY

SPACE-TIME CONTINUUM

USE RELATIVITY

SPACE-TIME FUNCTIONS

- UF SPACE-TIME METRIC
- GS FUNCTIONS (MATHEMATICS)
- . **SPACE-TIME FUNCTIONS**
- RT LIGHT-CONE EXPANSION
- MINKOWSKI SPACE
- NAKED SINGULARITIES
- RELATIVITY
- YANG-MILLS THEORY

SPACE-TIME METRIC

USE SPACE-TIME FUNCTIONS

SPACEBORNE ASTRONOMY

- GS ASTRONOMY
- . **SPACEBORNE ASTRONOMY**
- RT ASTRO MISSIONS (STS)
- ASTRONOMICAL INTERFEROMETRY
- ASTRONOMICAL SATELLITES
- COSMIC BACKGROUND EXPLORER SATELLITE
- FAINT OBJECT CAMERA
- GAMMA RAY OBSERVATORY
- HIPPARCOS SATELLITE
- HUBBLE SPACE TELESCOPE
- INFRARED SPACE OBSERVATORY (ISO)
- IUE
- MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
- PINHOLE OCCULTER FACILITY
- QUASAT
- ROSAT MISSION
- SAS-2
- SAS-3
- SOFIA (AIRBORNE OBSERVATORY)
- SPACE INFRARED TELESCOPE FACILITY
- STARSAT TELESCOPE
- TELESCOPES
- ULTRAVIOLET TELESCOPES
- X RAY ASTROPHYSICS FACILITY

SPACEBORNE EXPERIMENTS

GS **SPACEBORNE EXPERIMENTS**
 . ORBITING FROG OTOLITH
 . PHYSICS AND CHEMISTRY
 EXPERIMENT IN SPACE
 . PLASMA INTERACTION EXPERIMENT
 RT AEROSPACE ENVIRONMENTS
 AMPTE (SATELLITES)
 BIOPROCESSING
 CRRES (SATELLITE)
 EXPERIMENTATION
 GEOPHYSICAL FLUID FLOW CELLS
 GET AWAY SPECIALS (STS)
 LONG DURATION EXPOSURE FACILITY
 MAN TENDED FREE FLYERS
 MOLECULAR SHIELDS
 OSS-1 PAYLOAD
 OSTA-1 PAYLOAD
 OSTA-3 PAYLOAD
 PAYLOAD ASSIST MODULE
 PAYLOAD INTEGRATION PLAN
 PAYLOADS
 SPACE LABORATORIES
 SPACE MANUFACTURING
 SPACE PROCESSING
 SPACE SHUTTLE PAYLOADS
 SPACE TECHNOLOGY EXPERIMENTS
 SPACELAB
 WEIGHTLESSNESS

SPACEBORNE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . **SPACEBORNE LASERS**
 RT AIRBORNE LASERS
 LASER APPLICATIONS
 REMOTE SENSORS

SPACEBORNE PHOTOGRAPHY

UF SPACE PHOTOGRAPHY
 GS IMAGERY
 . **SPACEBORNE PHOTOGRAPHY**
 . . SATELLITE-BORNE PHOTOGRAPHY
 PHOTOGRAPHY
 . **SPACEBORNE PHOTOGRAPHY**
 . . SATELLITE-BORNE PHOTOGRAPHY
 RT AERIAL PHOTOGRAPHY
 ASTRONOMICAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 CLOUD PHOTOGRAPHS
 CLOUD PHOTOGRAPHY
 DIFFRACTION LIMITED CAMERAS
 EARTH RESOURCES
 LUNAR PHOTOGRAPHS
 LUNAR PHOTOGRAPHY
 MARS PHOTOGRAPHS
 MULTISPECTRAL BAND SCANNERS
 PHOTOMAPPING
 PHOTOMAPS
 ROCKET-BORNE PHOTOGRAPHY
 SATELLITE OBSERVATION

SPACEBORNE TELESCOPES

GS TELESCOPES
 . **SPACEBORNE TELESCOPES**
 . . GERMAN INFRARED LABORATORY
 . . HUBBLE SPACE TELESCOPE
 . . INFRARED SPACE OBSERVATORY
 (ISO)
 . . LARGE DEPLOYABLE REFLECTOR
 . . LIRTS (TELESCOPE)
 . . SOLAR OPTICAL TELESCOPE
 . . SPACE INFRARED TELESCOPE
 FACILITY
 . . STARLAB
 . . STARSAT TELESCOPE
 . . X RAY ASTROPHYSICS FACILITY
 RT ASTRO MISSIONS (STS)
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMY
 DIFFRACTION LIMITED CAMERAS
 FAINT OBJECT CAMERA
 GAMMA RAY OBSERVATORY
 MULTI-ANODE MICROCHANNEL ARRAYS
 OPTICAL TRANSFER FUNCTION
 ROSAT MISSION

∞ SPACECRAFT

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF SPACE VEHICLES
 RT ADVANCED RECONN ELECTRIC
 SPACECRAFT

SPACECRAFT--(cont.)

AEROSPACE VEHICLES
 AIR DATA SYSTEMS
 ASTRO VEHICLE
 ASTRODYNAMICS
 ATLANTIS (ORBITER)
 AUXILIARY PROPULSION
 BIOSATELLITES
 CANADIAN SPACECRAFT
 CARGO SPACECRAFT
 CHALLENGER (ORBITER)
 CHINESE SPACECRAFT
 COLUMBIA (ORBITER)
 CZECHOSLOVAKIAN SPACECRAFT
 DISCOVERY (ORBITER)
 DUAL SPIN SPACECRAFT
 ENDEAVOUR (ORBITER)
 ENTERPRISE (ORBITER)
 ESA SPACECRAFT
 ESCAPE ROCKETS
 EXPANDABLE STRUCTURES
 FLEXIBLE SPACECRAFT
 FLIGHT TEST VEHICLES
 FRENCH SPACE PROGRAM
 GALILEO PROBE
 GALILEO SPACECRAFT
 GROUND SUPPORT EQUIPMENT
 HYPERSONIC VEHICLES
 INDIAN SPACE PROGRAM
 INDIAN SPACECRAFT
 INFLATABLE SPACECRAFT
 INTERPLANETARY SPACECRAFT
 ISRAELI SPACECRAFT
 JAPANESE SPACE PROGRAM
 JAPANESE SPACECRAFT
 LAUNCH VEHICLES
 LUNAR SPACECRAFT
 MAGELLAN SPACECRAFT (NASA)
 MANEUVERABLE SPACECRAFT
 MANNED ORBITAL LABORATORIES
 MANNED SPACECRAFT
 MARINER MARK 2 SPACECRAFT
 MARK 1 SPACECRAFT
 MILITARY SPACECRAFT
 ORBIT TRANSFER VEHICLES
 ORBITAL MANEUVERING VEHICLES
 ORBITING LUNAR STATIONS
 OUTER PLANETS EXPLORERS
 PHOTO RECONNAISSANCE SPACECRAFT
 PIONEER VENUS 2 SPACECRAFT
 POWER LIMITED SPACECRAFT
 RADIATION METEOROID SPACECRAFT
 RECOVERABLE SPACECRAFT
 REENTRY VEHICLES
 RESEARCH VEHICLES
 ∞ SATELLITES
 SERT 1 SPACECRAFT
 SERT 2 SPACECRAFT
 SHUTTLE DERIVED VEHICLES
 SOFT LANDING SPACECRAFT
 SOLAR MAXIMUM MISSION-A
 SOLETTAS
 SOVIET SPACECRAFT
 SPACE CAPSULES
 SPACE DEBRIS
 SPACE LABORATORIES
 SPACE MISSIONS
 SPACE SHUTTLES
 SPACECRAFT CABIN SIMULATORS
 SPACECRAFT MODULES
 TECHNOLOGY FEASIBILITY SPACECRAFT
 TEST VEHICLES
 TOPS (SPACECRAFT)
 TRANSATMOSPHERIC VEHICLES
 UNIDENTIFIED FLYING OBJECTS
 UNMANNED SPACECRAFT
 ∞ VEHICLES
 VIKING ORBITER SPACECRAFT
 VIKING ORBITER 1
 VIKING ORBITER 2
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 X-30 VEHICLE

SPACECRAFT ANTENNAS

GS ANTENNAS
 . **SPACECRAFT ANTENNAS**
 . RADIO EQUIPMENT
 . **SPACECRAFT ANTENNAS**
 TELECOMMUNICATION
 . **SPACECRAFT ANTENNAS**
 FURLABLE ANTENNAS
 RT

SPACECRAFT BREAKUP

UF BREAKUP (SPACECRAFT)
 ORBITAL BREAKUP
 REENTRY BREAKUP
 SATELLITE BREAKUP
 SATELLITE FRAGMENTATION
 RT ATMOSPHERIC ENTRY
 DESTRUCTION
 HAZARDS
 METEOROID HAZARDS
 ORBIT DECAY
 REENTRY EFFECTS
 SPACE DEBRIS
 SPACECRAFT REENTRY
 SPACECRAFT SURVIVABILITY
 UNCONTROLLED REENTRY
 (SPACECRAFT)
 WRECKAGE

SPACECRAFT CABIN ATMOSPHERES

GS CONTROLLED ATMOSPHERES
 . CABIN ATMOSPHERES
 . . **SPACECRAFT CABIN ATMOSPHERES**
 RT CARBON DIOXIDE CONCENTRATION
 CLOSED ECOLOGICAL SYSTEMS
 COCKPITS
 ENVIRONMENTAL CONTROL
 HIGH PRESSURE OXYGEN
 PRESSURIZED CABINS
 REBREATHING

SPACECRAFT CABIN SIMULATORS

GS SIMULATORS
 . TRAINING SIMULATORS
 . . **SPACECRAFT CABIN SIMULATORS**
 RT AEROSPACE ENVIRONMENTS
 COCKPIT SIMULATORS
 MANNED SPACECRAFT
 SIMULATION
 SPACE FLIGHT TRAINING
 SPACE LOGISTICS
 ∞ SPACECRAFT
 TEST FACILITIES

SPACECRAFT CABINS

GS COMPARTMENTS
 . **SPACECRAFT CABINS**
 SPACECRAFT COMPONENTS
 . **SPACECRAFT CABINS**
 RT ∞ CABINS
 COCKPITS
 CREW EXPERIMENT STATIONS
 CREW OBSERVATION STATIONS
 CREW WORKSTATIONS
 PRESSURIZED CABINS
 SPACE CAPSULES

SPACECRAFT CHARGING

RT ELECTRIC FIELDS
 EXTERNAL SURFACE CURRENTS
 SINGLE EVENT UPSETS
 SPACECRAFT GLOW
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES

SPACECRAFT CHARGING AT HIGH ALTITUDE

USE SCATHA SATELLITE

SPACECRAFT COMMUNICATION

SN (COMMUNICATION OF SPACECRAFT
 WITH GROUND OR OTHER
 SPACECRAFT)
 GS TELECOMMUNICATION
 . SPACE COMMUNICATION
 . . **SPACECRAFT COMMUNICATION**
 . . . REENTRY COMMUNICATION
 . . . SATELLITE COMMUNICATION
 RT ARPA COMPUTER NETWORK
 ASTRONICS
 CIRCULUNAR COMMUNICATION
 EARTH TERMINALS
 FACSIMILE COMMUNICATION
 GROUND-AIR-GROUND COMMUNICATION
 HOOP COLUMN ANTENNAS
 INTERPLANETARY COMMUNICATION
 LUNAR COMMUNICATION
 OPTICAL COMMUNICATION
 PACKET TRANSMISSION
 PLASMA ANTENNAS
 RADIO COMMUNICATION
 SATELLITE COMMUNICATIONS SHIPS
 SATELLITE GROUND SUPPORT
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION

SPACECRAFT COMMUNICATION--(cont.)

SYSTEM GENERATED
ELECTROMAGNETIC PULSES
UNIFIED S BAND
WIRELESS COMMUNICATION

SPACECRAFT COMPONENTS

GS **SPACECRAFT COMPONENTS**
.. SERVICE MODULES
.. SPACECRAFT CABINS
.. SPACECRAFT DOCKING MODULES
.. SPACECRAFT MODULES
.. COMMAND MODULES
.. COMMAND SERVICE MODULES
.. LANDING MODULES
.. LUNAR LANDING MODULES
.. LUNAR MODULE
.. LSSM
.. MARS EXCURSION MODULE
.. SIM
RT AIRBORNE/SPACEBORNE COMPUTERS
BORON-EPOXY COMPOSITES
COMMONALITY
∞ COMPONENTS
NOSE CONES
ROCKET ENGINES

SPACECRAFT COMPUTERS

USE AIRBORNE/SPACEBORNE COMPUTERS

SPACECRAFT CONFIGURATIONS

GS **SPACECRAFT CONFIGURATIONS**
.. APOLLO TELESCOPE MOUNT
.. SATELLITE CONFIGURATIONS
.. SPACE SHUTTLE ASCENT STAGE
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
APOLLO SHORT STACK
∞ CONFIGURATIONS
FLARED BODIES
LAUNCH VEHICLE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RADIATION METEOROID SPACECRAFT
REENTRY VEHICLES
UPPER STAGE ROCKET ENGINES

SPACECRAFT CONSTRUCTION MATERIALS

RT ∞ CONSTRUCTION MATERIALS
FUNCTIONALLY GRADIENT MATERIALS
LUDOX (TRADEMARK)
∞ MATERIALS

SPACECRAFT CONTAMINATION

GS CONTAMINATION
.. **SPACECRAFT CONTAMINATION**
RT DECONTAMINATION
EXO BIOLOGY

SPACECRAFT CONTROL

UF SPACE VEHICLE CONTROL
GS **SPACECRAFT CONTROL**
.. SATELLITE CONTROL
.. SATELLITE ATTITUDE CONTROL
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
∞ CONTROL
CONTROL SIMULATION
CREW PROCEDURES (PREFLIGHT)
ENGINE CONTROL
FLEXIBLE SPACECRAFT
FLIGHT CONTROL
FLY BY WIRE CONTROL
GROUND BASED CONTROL
MANUAL CONTROL
MARQUARDT R4D ENGINE
MISSILE CONTROL
POINTING CONTROL SYSTEMS
RADIO CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SHAPE CONTROL
STATIONKEEPING
THRUST VECTOR CONTROL
VISUAL CONTROL

SPACECRAFT DEFENSE

UF SATELLITE DEFENSE
RT SPACECRAFT SURVIVABILITY
VULNERABILITY

SPACECRAFT DESIGN

GS **SPACECRAFT DESIGN**
.. IPAD
.. SATELLITE DESIGN
RT ADVANCED LAUNCH SYSTEM (STS)

SPACECRAFT DESIGN--(cont.)

COMPUTER AIDED DESIGN
∞ DESIGN
ENGINE DESIGN
HERMES MANNED SPACEPLANE
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
LOFTING
PRODUCT DEVELOPMENT
SATELLITE TEMPERATURE
SHUTTLE DERIVED VEHICLES
SPACE DEBRIS
SPACECRAFT TEMPERATURE
STRUCTURAL DESIGN
SYSTEMS ENGINEERING
TRANSATMOSPHERIC VEHICLES
WEIGHT REDUCTION

SPACECRAFT DOCKING

UF DOCKING
GS MANEUVERS
.. **SPACECRAFT DOCKING**
RT ∞ ASTRONAUTICS
INTERCEPTION
MIR SPACE STATION
MOORING
MULTIPLE DOCKING ADAPTERS
ORBITAL RENDEZVOUS
RENDEZVOUS TRAJECTORIES
SALYUT SPACE STATION
SPACE RENDEZVOUS
SPACE STATIONS
TRANSFER ORBITS

SPACECRAFT DOCKING MODULES

GS MODULES
.. **SPACECRAFT DOCKING MODULES**
SPACECRAFT COMPONENTS
.. **SPACECRAFT DOCKING MODULES**
RT AIRLOCK MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
SERVICE MODULES

SPACECRAFT ELECTRONIC EQUIPMENT

GS ELECTRONIC EQUIPMENT
.. **SPACECRAFT ELECTRONIC EQUIPMENT**
ONBOARD EQUIPMENT
.. SPACECRAFT EQUIPMENT
.. **SPACECRAFT ELECTRONIC EQUIPMENT**
RT AIRBORNE/SPACEBORNE COMPUTERS
ASTRONICS
SINGLE EVENT UPSETS

SPACECRAFT ENVIRONMENTS

SN (LIMITED TO SPACECRAFT INTERNAL
COMPARTMENTS AND CABINS; FOR
SPACECRAFT EXTERNAL
ENVIRONMENTS REFER TO
'EXTRATERRESTRIAL ENVIRONMENTS')
GS ENVIRONMENTS
.. **SPACECRAFT ENVIRONMENTS**
RT AEROSPACE MEDICINE
BIOASTRONAUTICS
CLOSED ECOLOGICAL SYSTEMS
CONTROLLED ATMOSPHERES
ENVIRONMENTAL CONTROL
EXO BIOLOGY
EXTRATERRESTRIAL ENVIRONMENTS
INTRAVEHICULAR ACTIVITY
LIFE SUPPORT SYSTEMS
ROTATING ENVIRONMENTS
SATELLITE TEMPERATURE
SPACE SIMULATORS
THERMAL ENVIRONMENTS
WEIGHTLESSNESS

SPACECRAFT EQUIPMENT

GS ONBOARD EQUIPMENT
.. **SPACECRAFT EQUIPMENT**
.. SPACECRAFT ELECTRONIC EQUIPMENT
RT ∞ EQUIPMENT
OSTA-3 PAYLOAD
SPACECRAFT INSTRUMENTS

SPACECRAFT GLOW

UF SHUTTLE GLOW
GS DECAY
.. **SPACECRAFT GLOW**
EMISSION
.. LIGHT EMISSION

SPACECRAFT GLOW--(cont.)

.. LUMINESCENCE
.. **SPACECRAFT GLOW**
RT EARTH ORBITAL ENVIRONMENTS
SPACECRAFT CHARGING
SURFACE REACTIONS

SPACECRAFT GUIDANCE

GS GUIDANCE (MOTION)
.. **SPACECRAFT GUIDANCE**
.. SATELLITE GUIDANCE
RT AUTOMATIC CONTROL
AUTONOMOUS NAVIGATION
CCD STAR TRACKER
CELESTIAL NAVIGATION
COMMAND GUIDANCE
GROUND BASED CONTROL
INERTIAL GUIDANCE
INJECTION GUIDANCE
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
LASER GYROSCOPES
MANUAL CONTROL
MIDCOURSE GUIDANCE
ORBITS
REENTRY GUIDANCE
RENDEZVOUS GUIDANCE
SPACE FLIGHT
SPACE NAVIGATION
STAR TRACKERS
TERMINAL GUIDANCE

SPACECRAFT INSTRUMENTS

UF SPACECRAFT SENSORS
GS **SPACECRAFT INSTRUMENTS**
.. SATELLITE INSTRUMENTS
.. MULTISPECTRAL LINEAR ARRAYS
.. SPACECRAFT POSITION INDICATORS
RT ASTRONICS
ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)
AUTONOMOUS SPACECRAFT CLOCKS
BUBBLE TECHNIQUE
FLIGHT INSTRUMENTS
FLIGHT TEST INSTRUMENTS
GUIDANCE SENSORS
INSTRUMENT PACKAGES
∞ INSTRUMENTS
I2S CAMERAS
LASER ALTIMETERS
MEASURING INSTRUMENTS
ONBOARD EQUIPMENT
SPACECRAFT EQUIPMENT

SPACECRAFT LANDING

GS LANDING
.. **SPACECRAFT LANDING**
.. HORIZONTAL SPACECRAFT LANDING
.. LUNAR LANDING
.. MARS LANDING
.. PLANETARY LANDING
RT AIRCRAFT LANDING
APPROACH AND LANDING TESTS (STS)
CRASH LANDING
GLIDE LANDINGS
HARD LANDING
LANDING SIMULATION
SOFT LANDING
SOFT LANDING SPACECRAFT
TERMINAL AREA ENERGY MANAGEMENT
TOUCHDOWN
VERTICAL LANDING
WATER LANDING

SPACECRAFT LAUNCHING

UF SATELLITE LAUNCHING
GS LAUNCHING
.. **SPACECRAFT LAUNCHING**
.. LIFTOFF (LAUNCHING)
RT COUNTDOWN
HEAVY LIFT LAUNCH VEHICLES
HOTOL LAUNCH VEHICLE
LAUNCH DATES
LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHING PADS
MISSILES
ORBIT INSERTION
ORBITAL LAUNCHING
ORBITAL SHOTS
POSTLAUNCH REPORTS
PRELAUNCH SUMMARIES
RAILGUN ACCELERATORS
REUSABLE LAUNCH VEHICLES
ROCKET LAUNCHING

SPACECRAFT LAUNCHING--(cont.)
 SPACE COMMERCIALIZATION

SPACECRAFT LUBRICATION
 UF SPACE ENVIRONMENTAL LUBRICATION
 GS LUBRICATION
 . **SPACECRAFT LUBRICATION**
 RT SELF LUBRICATING MATERIALS

SPACECRAFT MAINTENANCE
 GS MAINTENANCE
 . **SPACECRAFT MAINTENANCE**
 RT CHECKOUT
 PRELAUNCH TESTS
 SPACE VEHICLE CHECKOUT PROGRAM
 SPACECRAFT RELIABILITY
 TURNAROUND (STS)

SPACECRAFT MANEUVERS
 UF SATELLITE MANEUVERS
 GS MANEUVERS
 . **SPACECRAFT MANEUVERS**
 . . ORBITAL MANEUVERS
 RT CONTROL SIMULATION
 MANEUVERABILITY
 MANEUVERABLE SPACECRAFT
 ORBIT INSERTION
 SPACE FLIGHT

SPACECRAFT MODELS
 GS MODELS
 . **SPACECRAFT MODELS**
 RT AIRCRAFT MODELS
 DYNAMIC MODELS
 MATHEMATICAL MODELS
 SCALE MODELS

SPACECRAFT MODULES
 GS MODULES
 . **SPACECRAFT MODULES**
 . . COMMAND MODULES
 . . COMMAND SERVICE MODULES
 . . LANDING MODULES
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 LSSM
 MARS EXCURSION MODULE
 SIM
 SPACECRAFT COMPONENTS
 . **SPACECRAFT MODULES**
 . . COMMAND MODULES
 . . COMMAND SERVICE MODULES
 . . LANDING MODULES
 . . . LUNAR LANDING MODULES
 LUNAR MODULE
 LSSM
 MARS EXCURSION MODULE
 SIM
 RT COMPARTMENTS
 MAN TENDED FREE FLYERS
 ORBITAL ASSEMBLY
 SERVICE MODULES
 SPACE CAPSULES
 SPACE ERECTABLE STRUCTURES

SPACECRAFT MOTION
 SN (NONTRAJECTORY MOTION)
 RT AERODYNAMIC BALANCE
 AERODYNAMIC STABILITY
 ATTITUDE STABILITY
 BUFFETING
 CONTROL STABILITY
 DYNAMIC STABILITY
 FLEXIBLE SPACECRAFT
 FLUTTER
 ∞ MOTION
 MOTION STABILITY
 OSCILLATIONS
 SIDESLIP
 STABILITY
 TUMBLING MOTION
 VIBRATION

SPACECRAFT ORBITAL ASSEMBLY
 USE ORBITAL ASSEMBLY

SPACECRAFT ORBITS
 GS ORBITS
 . **SPACECRAFT ORBITS**
 . . SATELLITE ORBITS
 . . . GEOSYNCHRONOUS ORBITS
 . . . PARKING ORBITS
 . . . POLAR ORBITS
 . . . STATIONARY ORBITS
 . . . TWENTY-FOUR HOUR ORBITS

SPACECRAFT ORBITS--(cont.)
 . . TRANSFER ORBITS
 . . . INTERPLANETARY TRANSFER
 ORBITS
 . . TROJAN ORBITS
 RT CIRCULAR ORBITS
 EARTH ORBITS
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 LUNAR ORBITS
 ORBIT INSERTION
 ORBITAL MECHANICS
 ORBITAL POSITION ESTIMATION
 PLANETARY ORBITS
 SOLAR ORBITS

SPACECRAFT PERFORMANCE
 RT ASTRONAUT PERFORMANCE
 ∞ PERFORMANCE
 POSTLAUNCH REPORTS

SPACECRAFT POSITION INDICATORS
 GS DISPLAY DEVICES
 . POSITION INDICATORS
 . . **SPACECRAFT POSITION INDICATORS**
 . . MEASURING INSTRUMENTS
 . . INDICATING INSTRUMENTS
 . . . POSITION INDICATORS
 **SPACECRAFT POSITION
 INDICATORS**
 SPACECRAFT INSTRUMENTS
 . **SPACECRAFT POSITION INDICATORS**
 RT FLIGHT INSTRUMENTS
 HEAD-UP DISPLAYS
 ORBITAL POSITION ESTIMATION
 SPACE NAVIGATION

SPACECRAFT POWER SUPPLIES
 GS ELECTRIC POWER SUPPLIES
 . **SPACECRAFT POWER SUPPLIES**
 RT AUXILIARY POWER SOURCES
 CRYOCYCLE PRINCIPLE
 DIRECT POWER GENERATORS
 ELECTRIC BATTERIES
 ∞ ENERGY SOURCES
 FREE-PISTON ENGINES
 LASER POWER BEAMING
 MICROWAVE POWER BEAMING
 NICKEL HYDROGEN BATTERIES
 NUCLEAR AUXILIARY POWER UNITS
 POWER BEAMING
 POWER MODULES (STS)
 ∞ POWER SUPPLIES
 PROPELLANTS
 SOLAR DYNAMIC POWER SYSTEMS
 SPACE STATION POWER SUPPLIES

SPACECRAFT PRELAUNCH TESTS
 USE SPACE VEHICLE CHECKOUT PROGRAM

SPACECRAFT PROPULSION
 GS PROPULSION
 . **SPACECRAFT PROPULSION**
 . . ELECTROMAGNETIC PROPULSION
 . . ELECTROSTATIC PROPULSION
 . . . ION PROPULSION
 . . . MATTER-ANTIMATTER PROPULSION
 . . . NEGATIVE MATTER PROPULSION
 . . . PHOTONIC PROPULSION
 . . . PLASMA PROPULSION
 . . . SOLAR PROPULSION
 SOLAR ELECTRIC PROPULSION
 SOLAR THERMAL PROPULSION
 RT CHEMICAL PROPULSION
 DESCENT PROPULSION SYSTEMS
 ELECTRIC PROPULSION
 LASER PROPULSION
 LOW THRUST PROPULSION
 MAGNETOPLASMA DYNAMICS
 MASS DRIVERS
 NUCLEAR ELECTRIC PROPULSION
 NUCLEAR PROPULSION
 OXYGEN-HYDROCARBON ROCKET
 ENGINES
 POST BOOST PROPULSION SYSTEM
 PROPELLANTS
 ROCKET ENGINES
 ROVER PROJECT
 SOLAR SAILS
 SPACE FLIGHT
 SPACE STATION PROPULSION
 SPACE TUGS

SPACECRAFT RADIATORS
 UF SPACE RADIATORS

SPACECRAFT RADIATORS--(cont.)
 GS HEAT RADIATORS
 . **SPACECRAFT RADIATORS**
 RT CONDENSERS (LIQUEFIERS)
 COOLING
 COOLING SYSTEMS
 RADIATIVE HEAT TRANSFER
 SOLAR REFLECTORS

SPACECRAFT RECOVERY
 UF SATELLITE CAPTURE
 SNATCHING
 RT BOOSTER RECOVERY
 DISCOVERER RECOVERY CAPSULES
 RECOVERABLE SPACECRAFT
 ∞ RECOVERY
 RECOVERY PARACHUTES
 RECOVERY ZONES
 RESCUE OPERATIONS
 REUSABLE LAUNCH VEHICLES
 SPACE SHUTTLE ORBITERS
 SPACE SHUTTLES
 WATER LANDING

SPACECRAFT REENTRY
 GS ATMOSPHERIC ENTRY
 . REENTRY
 . . **SPACECRAFT REENTRY**
 . . . UNCONTROLLED REENTRY
 (SPACECRAFT)
 RT EARTH-VENUS TRAJECTORIES
 ENTRY GUIDANCE (STS)
 FLIGHT MECHANICS
 HYPERSONIC REENTRY
 LIFTING REENTRY VEHICLES
 MANNED REENTRY
 RETURN TO EARTH SPACE FLIGHT
 SATELLITE LIFETIME
 SPACECRAFT BREAKUP

SPACECRAFT RELIABILITY
 GS RELIABILITY
 . **SPACECRAFT RELIABILITY**
 RT CIRCUIT RELIABILITY
 COMPONENT RELIABILITY
 CONTROLLABILITY
 PRELAUNCH PROBLEMS
 QUALITY CONTROL
 SPACECRAFT MAINTENANCE

SPACECRAFT RENDEZVOUS
 USE SPACE RENDEZVOUS

SPACECRAFT SENSORS
 USE SPACECRAFT INSTRUMENTS

SPACECRAFT SHIELDING
 GS SHIELDING
 . **SPACECRAFT SHIELDING**
 RT HEAT SHIELDING
 ∞ INSULATED STRUCTURES
 METEOROID PROTECTION
 NOSE CONES
 RADIATION SHIELDING
 RADIO FREQUENCY SHIELDING
 REENTRY SHIELDING
 REUSABLE HEAT SHIELDING
 SAFETY DEVICES
 SOLAR RADIATION SHIELDING

SPACECRAFT STABILITY
 UF SATELLITE ATTITUDE DISTURBANCE
 GS DYNAMIC CHARACTERISTICS
 . DYNAMIC STABILITY
 . . MOTION STABILITY
 . . . **SPACECRAFT STABILITY**
 STABILITY
 DYNAMIC STABILITY
 MOTION STABILITY
 **SPACECRAFT STABILITY**
 RT AERODYNAMIC BALANCE
 AERODYNAMIC STABILITY
 ATTITUDE STABILITY
 BUFFETING
 CONTROL STABILITY
 COUNTERBALANCES
 DIRECTIONAL STABILITY
 DISCOS (SATELLITE ATTITUDE
 CONTROL)
 DUAL SPIN SPACECRAFT
 LATERAL STABILITY
 LIQUID SLOSHING
 LONGITUDINAL STABILITY
 LOW SPEED STABILITY
 NUTATION DAMPERS

SPACECRAFT STABILITY--(cont.)

SATELLITE PERTURBATION
TUMBLING MOTION
WIND TUNNEL STABILITY TESTS

SPACECRAFT STERILIZATION

GS CLEANING
STERILIZATION
... **SPACECRAFT STERILIZATION**
DECONTAMINATION
... **SPACECRAFT STERILIZATION**
RT CHEMICAL STERILIZATION
ETHYLENE OXIDE
EXOBIOLGY
PLANETARY QUARANTINE
PURIFICATION
STERILIZATION EFFECTS

SPACECRAFT STRUCTURES

RT AIRCRAFT STRUCTURES
FOLDING STRUCTURES
FUEL TANKS
LARGE SPACE STRUCTURES
METEOROID PROTECTION
ORBITAL ASSEMBLY
ROCKET ENGINES
SATELLITE DESIGN
SMART STRUCTURES
SPACE ERECTABLE STRUCTURES
SPACE STATION STRUCTURES
STRUCTURAL DESIGN
∞ STRUCTURES

SPACECRAFT SURVIVABILITY

RT AIRCRAFT SURVIVABILITY
SPACECRAFT BREAKUP
SPACECRAFT DEFENSE
SURVIVAL
UNCONTROLLED REENTRY
(SPACECRAFT)
VULNERABILITY

SPACECRAFT TELEVISION

GS COMMUNICATION EQUIPMENT
... **SPACECRAFT TELEVISION**
... DIGITAL SPACECRAFT TELEVISION
... RANGER BLOCK 3 TELEVISION
SYSTEM
... SATELLITE TELEVISION
TELECOMMUNICATION
... **SPACECRAFT TELEVISION**
... DIGITAL SPACECRAFT TELEVISION
... RANGER BLOCK 3 TELEVISION
SYSTEM
... SATELLITE TELEVISION
TELEVISION SYSTEMS
... **SPACECRAFT TELEVISION**
... DIGITAL SPACECRAFT TELEVISION
... RANGER BLOCK 3 TELEVISION
SYSTEM
RT ... SATELLITE TELEVISION
COLOR TELEVISION
SATELLITE TRANSMISSION
STEREOTELEVISION
TELEVISION TRANSMISSION

SPACECRAFT TEMPERATURE

RT HEAT PIPES
SATELLITE TEMPERATURE
SPACECRAFT DESIGN
TEMPERATURE CONTROL

SPACECRAFT TRACKING

GS TRACKING (POSITION)
... **SPACECRAFT TRACKING**
... SATELLITE TRACKING
... SATELLITE-TO-SATELLITE TRACKING
RT ADVANCED RANGE INSTRUMENTATION
SHIP
DEEP SPACE NETWORK
MINITRACK SYSTEM
MISSILE TRACKING
OPTICAL TRACKING
POLYSTATION DOPPLER TRACKING
SYSTEM
RADAR TRACKING
RADIO TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACE SURVEILLANCE (GROUND
BASED)
SPACE SURVEILLANCE (SPACEBORNE)
TRACKING NETWORKS
TRACKING STATIONS
TRANSPONDER CONTROL GROUP

SPACECRAFT TRACKING--(cont.)

UNIFIED S BAND

SPACECRAFT TRACKING AND DATA NETWORK

USE STDN (NETWORK)

SPACECRAFT TRAJECTORIES

GS TRAJECTORIES
... **SPACECRAFT TRAJECTORIES**
... EARTH-VENUS TRAJECTORIES
... INTERPLANETARY TRAJECTORIES
... EARTH-MARS TRAJECTORIES
... EARTH-MERCURY TRAJECTORIES
... LUNAR TRAJECTORIES
... CIRCULUNAR TRAJECTORIES
... EARTH-MOON TRAJECTORIES
... MOON-EARTH TRAJECTORIES
RT ASCENT TRAJECTORIES
DESCENT TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
FLIGHT MECHANICS
GODDARD TRAJECTORY
DETERMINATION SYSTEM
HYPERBOLIC TRAJECTORIES
INTERORBITAL TRAJECTORIES
LUNAR ORBITAL RENDEZVOUS
∞ MOTION
ORBITAL RENDEZVOUS
RADIO OCCULTATION
REENTRY TRAJECTORIES
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SWINGBY TECHNIQUE

SPACECREW TRANSFER

UF INTERVEHICLE SPACECREW TRANSFER
RT APOLLO SOYUZ TEST PROJECT
COMMAND MODULES
MANNED SPACE FLIGHT
RENDEZVOUS SPACECRAFT
SPACE LOGISTICS

SPACECREWS

GS PERSONNEL
CREWS
... FLIGHT CREWS
... **SPACECREWS**
... FLYING PERSONNEL
... FLIGHT CREWS
... **SPACECREWS**
RT ASTRONAUTS
COSMONAUTS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
CREW WORKSTATIONS
SPACE HABITATS
TOILETS

SPACELAB

GS LABORATORIES
... SPACE LABORATORIES
... MANNED ORBITAL LABORATORIES
... **SPACELAB**
MANNED SPACECRAFT
... MANNED ORBITAL LABORATORIES
... **SPACELAB**
PAYLOADS
... SPACE SHUTTLE PAYLOADS
... **SPACELAB**
RT ADVANCED TECHNOLOGY LABORATORY
ANNULAR SUSPENSION AND POINTING
SYSTEM
EXPOS (SPACELAB PAYLOAD)
GEOPHYSICAL FLUID FLOW CELLS
GERMAN INFRARED LABORATORY
GET AWAY SPECIALS (STS)
GRIST (TELESCOPE)
LIRTS (TELESCOPE)
NASA PROGRAMS
OSTA-2 PAYLOAD
SEPAC (PAYLOAD)
SKYLAB PROGRAM
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS
STARLAB

SPACELAB PAYLOADS

GS PAYLOADS
... **SPACELAB PAYLOADS**
... AMPS (SATELLITE PAYLOAD)
... ATMOSPHERIC CLOUD PHYSICS LAB
(SPACELAB)

SPACELAB PAYLOADS--(cont.)

... ATMOSPHERIC GENERAL
CIRCULATION EXPERIMENT
... GEOPHYSICAL FLUID FLOW CELLS
... SOLAR CELL CALIBRATION FACILITY
RT ANNULAR SUSPENSION AND POINTING
SYSTEM
ASTRO MISSIONS (STS)
GET AWAY SPECIALS (STS)
SORTIE SYSTEMS
SPACE STATION PAYLOADS

SPACELAB SIMULATION FLIGHTS

USE ASSESS PROGRAM

SPACELAB UV-OPTICAL TELESCOPE FACILITY

USE STARLAB

SPACERS

RT BUSHINGS
DIVIDERS
FASTENERS
INSERTS
ISOLATORS
SEPARATORS
SPACING
WASHERS (SPACERS)

SPACETENNAS

GS ANTENNAS
... RADIO ANTENNAS
... MICROWAVE ANTENNAS
... **SPACETENNAS**
MICROWAVE EQUIPMENT
... MICROWAVE ANTENNAS
... **SPACETENNAS**
RADIO EQUIPMENT
... RADIO ANTENNAS
... MICROWAVE ANTENNAS
... **SPACETENNAS**
RT MICROWAVE TRANSMISSION
RECTENNAS

SPACING

GS **SPACING**
... AIRCRAFT APPROACH SPACING
RT ALTITUDE CONTROL
ATTITUDE CONTROL
CLEARANCES
INTERVALS
ISOLATION
POSITIONING
∞ SEPARATION
SPACERS
THICKNESS

SPADATS (TRACKING SYSTEM)

USE SPACE DETECTION AND TRACKING
SYSTEM

SPAIN

GS NATIONS
... **SPAIN**
... CANARY ISLANDS
RT ANDORRA
EUROPE
GIBRALTAR
PYRENEES MOUNTAINS (EUROPE)
SPANISH SAHARA
SPANISH SPACE PROGRAM

SPALLATION

GS NUCLEAR RADIATION
... **SPALLATION**
NUCLEAR REACTIONS
... **SPALLATION**
RT PARTICLE PRODUCTION

SPALLING

RT CHIPPING
FLAKING
FRACTURING
FRAGMENTATION
WEAR
WEAR TESTS

∞ SPAN

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ASPECT RATIO
DIMENSIONS
LIFE SPAN
WIDTH

SPAN--(cont.)

WING SPAN

SPANISH SAHARART AFRICA
NATIONS
SPAIN**SPANISH SPACE PROGRAM**GS PROGRAMS
. SPACE PROGRAMS
. EUROPEAN SPACE PROGRAMS
. . . **SPANISH SPACE PROGRAM**
RT SPAIN**SPANLOADER AIRCRAFT**GS TRANSPORT AIRCRAFT
. CARGO AIRCRAFT
. . **SPANLOADER AIRCRAFT**
RT ∞ AIRCRAFT
SUPERCritical WINGS
SWEEP WINGS**SPANWISE BLOWING**GS BLOWING
. **SPANWISE BLOWING**
RT CROSS FLOW
EXTERNALLY BLOWN FLAPS
JET FLOW
LIFT AUGMENTATION
PRESSURE DISTRIBUTION
WING SPAN**SPAR (ROCKET)**USE SPACE PROCESSING APPLICATIONS
ROCKET**SPARE PARTS**RT ∞ COMPONENTS
DAMAGE ASSESSMENT
DOWNTIME
ENGINE PARTS
INVENTORY MANAGEMENT
LOGISTICS MANAGEMENT
MAINTENANCE
MODULES
REDUNDANT COMPONENTS
RETIREMENT FOR CAUSE**SPARK CHAMBERS**GS IONIZATION CHAMBERS
. **SPARK CHAMBERS**
MEASURING INSTRUMENTS
. COUNTERS
. . RADIATION COUNTERS
. . . **SPARK CHAMBERS**
. . RADIATION MEASURING INSTRUMENTS
. . RADIATION COUNTERS
. . . **SPARK CHAMBERS**
RT BUBBLE CHAMBERS
∞ CHAMBERS
CLOUD CHAMBERS
ELECTRIC SPARKS
NEUTRON COUNTERS**SPARK DISCHARGES**

USE ELECTRIC SPARKS

SPARK GAPSGS GAPS
. **SPARK GAPS**
RT ARC GENERATORS
DIELECTRICS
ELECTRIC FIELDS
ELECTRIC SPARKS
ELECTRICAL FAULTS
MULTIPACTOR DISCHARGES
POTENTIAL GRADIENTS
TRIGATONS**SPARK IGNITION**GS IGNITION
. **SPARK IGNITION**
RT COMBUSTION
ELECTRIC IGNITION
ELECTRIC SPARKS
EUDIOMETERS**SPARK MACHINING**UF ELECTROEROSION
ELECTROSTATIC EROSION
GS CUTTING
. **SPARK MACHINING**
MACHINING**SPARK MACHINING--(cont.)**RT **SPARK MACHINING**
ELECTROFORMING
EROSION
METAL CUTTING
PIERCING**SPARK PLUGS**RT ARC GENERATORS
COMBUSTION CHAMBERS
ELECTRIC SPARKS
IGNITERS
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES**SPARK SHADOWGRAPH PHOTOGRAPHY**

USE SHADOWGRAPH PHOTOGRAPHY

SPARKSGS **SPARKS**
. ELECTRIC SPARKS
RT IGNITION**SPARROW MISSILES**GS MISSILES
. AIR TO AIR MISSILES
. . **SPARROW MISSILES**
. . . SPARROW 2 MISSILE
. . . SPARROW 3 MISSILE
RT SOLID PROPELLANT ROCKET ENGINES**SPARROW 2 MISSILE**GS MISSILES
. AIR TO AIR MISSILES
. . SPARROW MISSILES
. . . **SPARROW 2 MISSILE**
RT SOLID PROPELLANT ROCKET ENGINES**SPARROW 3 MISSILE**GS MISSILES
. AIR TO AIR MISSILES
. . SPARROW MISSILES
. . . **SPARROW 3 MISSILE**
RT LIQUID PROPELLANT ROCKET ENGINES**SPARTAN MISSILE**GS MISSILES
. ANTIMISSILE MISSILES
. . **SPARTAN MISSILE**
RT NIKE-ZEUS MISSILE
SENTINEL SYSTEM
SPRINT MISSILE
SURFACE TO AIR MISSILES**SPARTAN SATELLITES**GS OBSERVATORIES
. ASTRONOMICAL OBSERVATORIES
. . ASTRONOMICAL SATELLITES
. . . **SPARTAN SATELLITES**
RT ASTROPHYSICS
SOLAR PHYSICS
ULTRAVIOLET ASTRONOMY**SPAS (ESA PLATFORMS)**

USE SHUTTLE PALLET SATELLITES

SPASMSGS MUSCULAR FUNCTION
. **SPASMS**
RT CONTRACTION
INVOLUNTARY ACTIONS
MUSCLES**SPATIAL DEPENDENCIES**GS DEPENDENCE
. **SPATIAL DEPENDENCIES**
RT MATHEMATICAL MODELS
∞ SPACE
TIME DEPENDENCE**SPATIAL DISTRIBUTION**UF MOLIERE FORMULA
SPATIAL ISOTROPY
GS DISTRIBUTION (PROPERTY)
. **SPATIAL DISTRIBUTION**
. . STAR DISTRIBUTION
RT ANISOTROPY
HORIZONTAL DISTRIBUTION
ION DISTRIBUTION
METEOROID CONCENTRATION
PARTICLE DENSITY (CONCENTRATION)
POSITION (LOCATION)
STEREOCHEMISTRY
TELECONNECTIONS (METEOROLOGY)**SPATIAL DISTRIBUTION--(cont.)**TEMPORAL DISTRIBUTION
VERTICAL DISTRIBUTION**SPATIAL FILTERING**GS FILTRATION
. **SPATIAL FILTERING**
RT ABERRATION
ATTENUATION
AUGMENTATION
BLURRING
∞ FILTERS
HOLOGRAPHY
IMAGES
∞ NOISE
PHOTOGRAPHS
PHOTOINTERPRETATION
PLANE WAVES
RESOLUTION
SPECKLE HOLOGRAPHY**SPATIAL ISOTROPY**USE ISOTROPY
SPATIAL DISTRIBUTION**SPATIAL MARCHING**RT ACOUSTIC DUCTS
DUCT GEOMETRY
NUMERICAL ANALYSIS
TIME MARCHING**SPATIAL ORIENTATION**

USE ATTITUDE (INCLINATION)

SPATIAL RESOLUTIONGS RESOLUTION
. **SPATIAL RESOLUTION**
RT ATMOSPHERIC CORRECTION
HIGH RESOLUTION
IMAGE PROCESSING
IMAGE RESOLUTION
IMAGING TECHNIQUES
SPECTRAL RESOLUTION
TEMPORAL RESOLUTION**SPECIES DIFFUSION**GS DIFFUSION
. **SPECIES DIFFUSION**
RT EVOLUTION (DEVELOPMENT)
GENETICS**SPECIFIC GRAVITY**

USE DENSITY (MASS/VOLUME)

SPECIFIC HEATUF DEBYE TEMPERATURE
HEAT CAPACITY
GS HEAT
. **SPECIFIC HEAT**
THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. . **SPECIFIC HEAT**
RT ENTHALPY
EQUIPARTITION THEOREM
GRUNEISEN CONSTANT
HEAT BUDGET
HEAT OF FUSION
ION TEMPERATURE
LEWIS NUMBERS
MELTING POINTS
NEEL TEMPERATURE
THERMAL CONDUCTIVITY
THERMAL RESISTANCE**SPECIFIC IMPULSE**RT IMPULSES
MASS FLOW RATE
PROPELLANT MASS RATIO
PROPELLANTS
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
ROCKET PROPELLANTS
ROCKET THRUST
THERMODYNAMIC EFFICIENCY
THRUST**SPECIFICATIONS**GS **SPECIFICATIONS**
. AIRCRAFT SPECIFICATIONS
. EQUIPMENT SPECIFICATIONS
. FUNCTIONAL DESIGN SPECIFICATIONS
RT AIRCRAFT PERFORMANCE
COMMONALITY
DRAWINGS

SPECIFICATIONS--(cont.)

INSPECTION
 MAINTENANCE
 ∞ MATERIALS TESTS
 MECHANICAL PROPERTIES
 NAMING
 PERFORMANCE TESTS
 PROCESS CONTROL (INDUSTRY)
 PROCUREMENT
 QUALITY
 QUALITY CONTROL
 RELIABILITY
 REQUIREMENTS
 STANDARDIZATION
 STANDARDS
 TECHNICAL WRITING
 TOLERANCES (MECHANICS)
 USER REQUIREMENTS

SPECIMEN GEOMETRY

GS GEOMETRY
 . SPECIMEN GEOMETRY
 RT FATIGUE TESTS
 LOAD TESTS
 MECHANICAL PROPERTIES
 TENSILE TESTS

SPECIMENS

RT MARS SURFACE SAMPLES
 SAMPLES
 SAMPLING

SPECKLE HOLOGRAPHY

GS IMAGERY
 . HOLOGRAPHY
 . . SPECKLE HOLOGRAPHY
 IMAGING TECHNIQUES
 . SPECKLE HOLOGRAPHY
 PHOTOGRAPHY
 . HOLOGRAPHY
 . . SPECKLE HOLOGRAPHY
 RT COHERENT LIGHT
 DIFFRACTION PATTERNS
 HOLOGRAMMETRY
 HOLOGRAPHIC INTERFEROMETRY
 IMAGE CORRELATORS
 LASER APPLICATIONS
 SCATTER PLATES (OPTICS)
 SPATIAL FILTERING
 SPECKLE INTERFEROMETRY
 SPECKLE PATTERNS

SPECKLE INTERFEROMETRY

GS INTERFEROMETRY
 . SPECKLE INTERFEROMETRY
 RT DIFFRACTION PATTERNS
 FRESNEL DIFFRACTION
 FRESNEL REFLECTORS
 INFRARED INTERFEROMETERS
 ISOCHROMATICS
 LASER APPLICATIONS
 NULL ZONES
 PLASMA FLUX MEASUREMENT
 SAGNAC EFFECT
 SCATTER PLATES (OPTICS)
 SPECKLE HOLOGRAPHY

SPECKLE PATTERNS

RT DIFFRACTION PATTERNS
 HOLOGRAPHY
 LASER OUTPUTS
 LIGHT SCATTERING
 ∞ PATTERNS
 . SPECKLE HOLOGRAPHY
 SURFACE ROUGHNESS EFFECTS

SPECTRA

UF OPTICAL SPECTRUM
 GS SPECTRA
 . ATOMIC SPECTRA
 . CONTINUOUS SPECTRA
 . ENERGY SPECTRA
 . . ELECTRONIC SPECTRA
 . . NEUTRON SPECTRA
 . MASS SPECTRA
 . MOLECULAR SPECTRA
 . . ELECTRONIC SPECTRA
 . . RAMAN SPECTRA
 . . ROTATIONAL SPECTRA
 . . VIBRATIONAL SPECTRA
 . NOISE SPECTRA
 . OXYGEN SPECTRA
 . PLASMA SPECTRA
 . POWER SPECTRA
 . . CEPSTRA

SPECTRA--(cont.)

. RADIATION SPECTRA
 . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 . . . HERZBERG BANDS
 . . . TELLURIC LINES
 . . ELECTROMAGNETIC SPECTRA
 . . GAMMA RAY SPECTRA
 . . INFRARED SPECTRA
 . . LINE SPECTRA
 . . . BALMER SERIES
 . . . D LINES
 . . . ELECTRONIC SPECTRA
 . . . FRAUNHOFER LINES
 . . . H LINES
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 . . . K LINES
 . . . LYMAN SPECTRA
 . . . PASCHEN SERIES
 . . . RYDBERG SERIES
 . . . TELLURIC LINES
 . . RADIO SPECTRA
 . . . MICROWAVE SPECTRA
 . . . RAMAN SPECTRA
 . . . STELLAR SPECTRA
 . . . SOLAR SPECTRA
 . . . UVB SPECTRA
 . . . ULTRAVIOLET SPECTRA
 . . . VIBRATIONAL SPECTRA
 . . . VISIBLE SPECTRUM
 . . X RAY SPECTRA
 . . EMISSION SPECTRA
 . SHOCK SPECTRA
 . SPECTRAL BANDS
 . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 . . . HERZBERG BANDS
 . . . TELLURIC LINES
 . . . PHOTOLUMINESCENT BANDS
 . . . SCHUMANN-RUNGE BANDS
 . . . SWAN BANDS
 . . . VEGARD-KAPLAN BANDS
 RT ASTRONOMICAL SPECTROSCOPY
 COLOR
 EXCITONS
 FLUX DENSITY
 GAMMA RAY SPECTROMETERS
 ISOELECTRONIC SEQUENCE
 SPECTRAL SENSITIVITY
 SPECTRAL SHIFT CONTROL
 SPECTRAL THEORY
 SPECTROGRAMS
 SPECTROGRAPHS
 SPECTROMETERS
 SPECTROSCOPY
 SPECTRUM ANALYSIS
 TRANSITION PROBABILITIES

SPECTRAL ABSORPTION

USE ABSORPTION SPECTRA

SPECTRAL ANALYSIS

USE SPECTRUM ANALYSIS

SPECTRAL BANDS

GS SPECTRA
 . SPECTRAL BANDS
 . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 . . . HERZBERG BANDS
 . . . TELLURIC LINES
 . . . PHOTOLUMINESCENT BANDS
 . . . SCHUMANN-RUNGE BANDS
 . . . SWAN BANDS
 . . . VEGARD-KAPLAN BANDS
 RT BAND RATIOING
 ∞ BANDS
 . ELECTRONIC SPECTRA
 . ENERGY BANDS
 . FREQUENCIES
 . LINE SPECTRA
 . VISIBLE SPECTRUM
 . WHITE NOISE

SPECTRAL CORRELATION

GS CORRELATION
 . SPECTRAL CORRELATION
 RT ELECTROMAGNETIC SPECTRA
 SPECTROPHOTOGRAPHY

SPECTRAL EMISSION

GS EMISSION
 . SPECTRAL EMISSION

SPECTRAL EMISSION--(cont.)

RT CONTINUOUS SPECTRA
 ELECTROMAGNETIC RADIATION
 EMITTANCE
 INCANDESCENCE
 LIGHT EMISSION
 LINE SPECTRA
 NONGRAY GAS
 ∞ RADIATION
 . SPECTROGRAMS
 . SPECTROSCOPY
 . SPECTRUM ANALYSIS
 . SPONTANEOUS EMISSION
 . ULTRAVIOLET EMISSION
 . WAVELENGTHS

SPECTRAL ENERGY DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
 . ENERGY DISTRIBUTION
 . . SPECTRAL ENERGY DISTRIBUTION
 RT ∞ DISTRIBUTION
 . ELECTROMAGNETIC RADIATION
 . ENERGY SPECTRA
 . FINE STRUCTURE
 . LINE SPECTRA

SPECTRAL LINE WIDTH

GS BANDWIDTH
 . SPECTRAL LINE WIDTH
 RT LINE SPECTRA
 OSCILLATOR STRENGTHS

SPECTRAL LINES

USE LINE SPECTRA

SPECTRAL METHODS

RT COMPUTATIONAL FLUID DYNAMICS
 DIFFERENTIAL EQUATIONS
 SPECTRUM ANALYSIS

SPECTRAL NOISE

USE WHITE NOISE

SPECTRAL RECONNAISSANCE

GS RECONNAISSANCE
 . SPECTRAL RECONNAISSANCE
 RT EARTH RESOURCES
 ELECTROMAGNETIC SPECTRA
 MULTISPECTRAL BAND SCANNERS
 MULTISPECTRAL PHOTOGRAPHY
 MULTISPECTRAL RADAR
 PHOTORECONNAISSANCE
 RADAR PHOTOGRAPHY
 SATELLITE-BORNE PHOTOGRAPHY
 SPECTROPHOTOGRAPHY

SPECTRAL REFLECTANCE

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . REFLECTANCE
 . . . SPECTRAL REFLECTANCE
 SURFACE PROPERTIES
 . SPECTRAL REFLECTANCE
 RT BIDIRECTIONAL REFLECTANCE
 IMAGING SPECTROMETERS
 LEAF AREA INDEX
 PLANT STRESS
 SPECTROMETERS
 SPECTROSCOPY
 SPECTRUM ANALYSIS
 VEGETATIVE INDEX

SPECTRAL RESOLUTION

GS RESOLUTION
 . SPECTRAL RESOLUTION
 RT ANALOG COMPUTERS
 LINE SPECTRA
 Q FACTORS
 RADAR RESOLUTION
 RADIOMETRIC RESOLUTION
 SPATIAL RESOLUTION
 SPECTRUM ANALYSIS

SPECTRAL SENSITIVITY

GS SENSITIVITY
 . SPECTRAL SENSITIVITY
 RT ∞ FREQUENCY RESPONSE
 INSTRUMENT ERRORS
 PHOTOTHERMAL CONVERSION
 SPECTRA

SPECTRAL SHIFT CONTROL

RT ∞ CONTROL
 SPECTRA

SPECTRAL SHIFT CONTROL REACTOR

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . PRESSURIZED WATER REACTORS
 **SPECTRAL SHIFT CONTROL REACTOR**
 RT ∞ CONTROL

SPECTRAL SIGNATURES

GS SIGNATURES
 . **SPECTRAL SIGNATURES**
 . . MICROWAVE SIGNATURES
 RT CEPSTRAL ANALYSIS
 CHEMICAL ANALYSIS
 CHEMICAL COMPOSITION
 CROP IDENTIFICATION
 EMISSION SPECTRA
 IDENTIFYING
 OPTICAL MEASUREMENT
 SPECTRUM ANALYSIS

SPECTRAL THEORY

RT LYMAN SPECTRA
 SPECTRA
 ∞ THEORIES

SPECTROGRAMS

RT LINE SPECTRA
 SPECTRA
 SPECTRAL EMISSION
 SPECTROGRAPHS
 SPECTROPHOTOGRAPHY
 SPECTROSCOPY
 SPECTRUM ANALYSIS

SPECTROGRAPHS

GS **SPECTROGRAPHS**
 . HIGH DISPERSION SPECTROGRAPHS
 RT SPECTRA
 SPECTROGRAMS
 SPECTROMETERS
 SPECTROSCOPIC ANALYSIS
 SPECTROSCOPY

SPECTROHELIOGRAPHS

UF HELIOGRAPHS
 HELIOGRAPHY
 SPECTROHELIOSCOPES
 GS IMAGERY
 . **SPECTROHELIOGRAPHS**
 MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . **SPECTROHELIOGRAPHS**
 . SPECTROMETERS
 . . **SPECTROHELIOGRAPHS**
 OPTICAL EQUIPMENT
 . **SPECTROHELIOGRAPHS**
 SOLAR INSTRUMENTS
 . **SPECTROHELIOGRAPHS**
 RT BLACK AND WHITE PHOTOGRAPHY
 CORONAGRAPHS
 SOLAR SPECTROMETERS
 STARSAT TELESCOPE

SPECTROHELIOSCOPES

USE SPECTROHELIOGRAPHS

SPECTROMETERS

UF SPECTROSCOPES
 GS MEASURING INSTRUMENTS
 . **SPECTROMETERS**
 . . EBERT SPECTROMETERS
 . . FABRY-PEROT SPECTROMETERS
 . . GAMMA RAY SPECTROMETERS
 . . IMAGING SPECTROMETERS
 . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED SPECTROMETERS
 . . LASER SPECTROMETERS
 . . MASS SPECTROMETERS
 . . MICROWAVE SPECTROMETERS
 . . NEUTRON SPECTROMETERS
 . . . SOLAR BACKSCATTER UV SPECTROMETER
 . . SOLAR SPECTROMETERS
 . . SPECTROHELIOGRAPHS
 . . TIME OF FLIGHT SPECTROMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . HIGH DISPERSION SPECTROGRAPHS
 . . . TOTAL OZONE MAPPING SPECTROMETER
 RT ACTINOMETERS

SPECTROMETERS--(cont.)

CHEMICAL ANALYSIS
 DIFFRACTOMETERS
 ELECTRON PROBES
 GONIOMETERS
 INFRARED SPECTROSCOPY
 MICHELSON INTERFEROMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASUREMENT
 PHOTOGRAPHY
 PHOTOGRAPHIC MEASUREMENT
 PHOTOMETERS
 RADIATION COUNTERS
 SOLAR INSTRUMENTS
 SPECTRA
 SPECTRAL REFLECTANCE
 SPECTROGRAPHS
 SPECTORADIOMETERS
 SPECTROSCOPIC ANALYSIS
 SPECTROSCOPY
 SPECTRUM ANALYSIS

SPECTROMETRY

USE SPECTROSCOPY

SPECTROPHOTOGRAPHY

GS IMAGERY
 . **SPECTROPHOTOGRAPHY**
 PHOTOGRAPHY
 . **SPECTROPHOTOGRAPHY**
 SPECTROSCOPY
 . **SPECTROPHOTOGRAPHY**
 RT BLACK AND WHITE PHOTOGRAPHY
 GROUND TRUTH
 SPECTRAL CORRELATION
 SPECTRAL RECONNAISSANCE
 SPECTROGRAMS

SPECTROPHOTOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . **SPECTROPHOTOMETERS**
 . . . INFRARED SPECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROPHOTOMETERS
 ULTRAVIOLET SPECTROPHOTOMETERS
 RADIATION MEASURING INSTRUMENTS
 ACTINOMETERS
 **SPECTROPHOTOMETERS**
 INFRARED SPECTROPHOTOMETERS
 ULTRAVIOLET SPECTROPHOTOMETERS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 **SPECTROPHOTOMETERS**
 INFRARED SPECTROPHOTOMETERS
 ULTRAVIOLET SPECTROPHOTOMETERS
 RT CHEMICAL ANALYSIS
 DUOCHROMATORS
 MONOCHROMATORS
 OPTICAL MEASUREMENT
 PHOTOMETERS
 RADIOMETERS
 SPECTORADIOMETERS
 SPECTROSCOPIC ANALYSIS
 SPECTROSCOPY

SPECTROPHOTOMETRY

GS OPTICAL MEASUREMENT
 . PHOTOMETRY
 . . **SPECTROPHOTOMETRY**
 . . . STELLAR SPECTROPHOTOMETRY
 SPECTROSCOPY
 . **SPECTROPHOTOMETRY**
 . . STELLAR SPECTROPHOTOMETRY
 RT ASTRONOMICAL PHOTOMETRY
 COLORIMETRY
 IMAGING SPECTROMETERS
 SPECTROSCOPIC ANALYSIS

SPECTROPHOTOVOLTAICS

RT ENERGY CONVERSION EFFICIENCY
 ENERGY SPECTRA
 SOLAR CELLS
 SOLAR COLLECTORS

SPECTROPOLARIMETERS

USE POLARIMETERS

SPECTORADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS

SPECTORADIOMETERS--(cont.)

. . . . **SPECTORADIOMETERS**
 RT SPECTROMETERS
 SPECTROPHOTOMETERS

SPECTROSCOPES

USE SPECTROMETERS

SPECTROSCOPIC ANALYSIS

SN (FOR SPECTROSCOPIC TOOLS IN
 CHEMICAL ANALYSIS)
 GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **SPECTROSCOPIC ANALYSIS**
 SPECTROSCOPY
 . **SPECTROSCOPIC ANALYSIS**
 RT AUGER SPECTROSCOPY
 AURORAL SPECTROSCOPY
 ELECTROPHOTOMETRY
 FLAME SPECTROSCOPY
 FRAUNHOFER LINE DISCRIMINATORS
 GAS SPECTROSCOPY
 INFRARED SPECTROSCOPY
 LASER SPECTROSCOPY
 MAGNETIC SPECTROSCOPY
 MASS SPECTROSCOPY
 METALLICITY
 MICROANALYSIS
 MOLECULAR SPECTROSCOPY
 NEUTRON ACTIVATION ANALYSIS
 NUCLEAR RADIATION SPECTROSCOPY
 PHOTOELECTRON SPECTROSCOPY
 QUALITATIVE ANALYSIS
 QUANTITATIVE ANALYSIS
 RAMAN SPECTROSCOPY
 SPECTROGRAPHS
 SPECTROMETERS
 SPECTROPHOTOMETERS
 SPECTROPHOTOMETRY
 ULTRAVIOLET SPECTROSCOPY
 VACUUM SPECTROSCOPY
 X RAY SPECTROSCOPY

SPECTROSCOPIC TELESCOPES

UF DIFFRACTION TELESCOPES
 GS TELESCOPES
 . **SPECTROSCOPIC TELESCOPES**
 . . MULTISPECTRAL TRACKING TELESCOPES
 . . . STRATOSCOPE TELESCOPES
 RT ASTRONOMICAL SPECTROSCOPY
 REFLECTING TELESCOPES
 REFRACTING TELESCOPES
 STELLAR SPECTROPHOTOMETRY

SPECTROSCOPY

UF SPECTROMETRY
 GS **SPECTROSCOPY**
 . ABSORPTION SPECTROSCOPY
 . . OPTOGALVANIC SPECTROSCOPY
 . . ASTRONOMICAL SPECTROSCOPY
 . . AUGER SPECTROSCOPY
 . . AURORAL SPECTROSCOPY
 . . ELECTRON SPECTROSCOPY
 . . FLAME SPECTROSCOPY
 . . GAS SPECTROSCOPY
 . . HOLOGRAPHIC SPECTROSCOPY
 . . INFRARED SPECTROSCOPY
 . . MAGNETIC SPECTROSCOPY
 . . MASS SPECTROSCOPY
 . . MOLECULAR SPECTROSCOPY
 . . RAMAN SPECTROSCOPY
 . . NUCLEAR RADIATION SPECTROSCOPY
 . . OPTICAL EMISSION SPECTROSCOPY
 . . . LASER SPECTROSCOPY
 . . . PHOTOACOUSTIC SPECTROSCOPY
 . . . PHOTOELECTRON SPECTROSCOPY
 . . . RADIO SPECTROSCOPY
 . . . SECONDARY ION MASS SPECTROMETRY
 . . . SPECTROPHOTOGRAPHY
 . . . SPECTROPHOTOMETRY
 . . . STELLAR SPECTROPHOTOMETRY
 . . . SPECTROSCOPIC ANALYSIS
 . . . ULTRASONIC SPECTROSCOPY
 . . . ULTRAVIOLET SPECTROSCOPY
 . . . VACUUM SPECTROSCOPY
 . . . X RAY SPECTROSCOPY
 RT CHEMICAL ANALYSIS
 CINESPECTROGRAPHS
 COLORIMETRY
 ELECTROPHOTOMETRY
 FRAUNHOFER LINE DISCRIMINATORS
 ISOELECTRONIC SEQUENCE
 LALLEMAND CAMERAS

SPECTROSCOPY--(cont.)

∞ OPTICS
 PHOTOMETRY
 PRESSURE BROADENING
 SPECTRA
 SPECTRAL EMISSION
 SPECTRAL REFLECTANCE
 SPECTROGRAMS
 SPECTROGRAPHS
 SPECTROMETERS
 SPECTROPHOTOMETERS
 SPECTRUM ANALYSIS
 TIME OF FLIGHT SPECTROMETERS
 VISIBLE SPECTRUM
 ZEEMAN EFFECT

SPECTRUM ANALYSIS

UF SPECTRAL ANALYSIS
 GS **SPECTRUM ANALYSIS**
 . CEPSTRAL ANALYSIS
 . FLAME SPECTROSCOPY
 . MAXIMUM ENTROPY METHOD
 RT ABSORPTION SPECTRA
 ∞ ANALYZING
 EMISSION SPECTRA
 FREQUENCY ANALYZERS
 FREQUENCY SCANNING
 GAMMA RAY SPECTROMETERS
 HOLOGRAPHIC SPECTROSCOPY
 HYPERFINE STRUCTURE
 KRAMERS-KRONIG FORMULA
 LASER SPECTROSCOPY
 LINE SPECTRA
 MAGNETIC RESONANCE
 OPTICAL RESONANCE
 SIGNAL ANALYSIS
 SPECTRA
 SPECTRAL EMISSION
 SPECTRAL METHODS
 SPECTRAL REFLECTANCE
 SPECTRAL RESOLUTION
 SPECTRAL SIGNATURES
 SPECTROGRAMS
 SPECTROMETERS
 SPECTROSCOPY
 STARK EFFECT
 TOROIDAL DISCHARGE
 ULTRASONIC SPECTROSCOPY
 ULTRAVIOLET SPECTROSCOPY
 ZEEMAN EFFECT

SPECULAR REFLECTION

GS REFLECTION
 . **SPECULAR REFLECTION**
 RT DIFFUSE RADIATION
 ETALONS
 GLARE
 MIRRORS

SPEECH

GS **SPEECH**
 . ARTICULATION (SPEECH)
 . CONVERSATION
 . PHONEMES
 . PHONETICS
 . TALKING
 . . . WORDS (LANGUAGE)
 . . . SYLLABLES
 RT ACOUSTICS
 AUDITORY PERCEPTION
 CONSONANTS (SPEECH)
 ENGLISH LANGUAGE
 LANGUAGES
 LECTURES
 LINGUISTICS
 PHONEMICS
 PUBLIC SPEAKING
 SEMANTICS
 SENTENCES
 SYNTAX
 VOICE
 VOICE COMMUNICATION

SPEECH BASEBAND COMPRESSION

GS COMPRESSING
 . **SPEECH BASEBAND COMPRESSION**
 RT BANDWIDTH
 VOCODERS
 VOICE COMMUNICATION
 WAVEFORMS

SPEECH DEFECTS

GS DEFECTS
 . **SPEECH DEFECTS**
 RT ARTICULATION (SPEECH)

SPEECH DEFECTS--(cont.)

PHONEMICS
 PHONETICS

SPEECH DISCRIMINATION

USE SPEECH RECOGNITION

SPEECH RECOGNITION

UF SPEECH DISCRIMINATION
 GS INTELLIGIBILITY
 . **SPEECH RECOGNITION**
 RECOGNITION
 . **SPEECH RECOGNITION**
 CEPSTRAL ANALYSIS
 PHONEMES
 PHONEMICS
 PHONETICS
 SENSORY DISCRIMINATION
 VOICE CONTROL

SPEECHES

USE LECTURES

SPEED

USE VELOCITY

SPEED CONTROL

UF SPEED REGULATION
 RT AUTOMATIC CONTROL
 ∞ CONTROL
 CONTROL EQUIPMENT
 CONTROLLERS
 ENGINE CONTROL
 HELICOPTER CONTROL
 MANUAL CONTROL
 REGULATORS

SPEED INDICATORS

UF PRESTON TUBES
 SPEEDOMETERS
 GS DISPLAY DEVICES
 . **SPEED INDICATORS**
 . . TACHOMETERS
 MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . **SPEED INDICATORS**
 . . . TACHOMETERS
 RT ACCELEROMETERS
 AIRCRAFT INSTRUMENTS
 ANEMOMETERS
 APPROACH INDICATORS
 FLIGHT INSTRUMENTS
 FLOWMETERS
 LANDING INSTRUMENTS
 PITOT TUBES
 VELOCITY MEASUREMENT

SPEED REGULATION

USE SPEED CONTROL

SPEED REGULATORS

UF GOVERNORS
 GS CONTROL EQUIPMENT
 . **SPEED REGULATORS**
 REGULATORS
 . **SPEED REGULATORS**
 RT CONTROLLERS
 ENGINES

SPEEDOMETERS

USE SPEED INDICATORS

SPENT FUELS

GS FUELS
 . NUCLEAR FUELS
 . . **SPENT FUELS**
 RT FUEL CAPSULES
 NEUTRON SOURCES
 ∞ NUCLEAR ENERGY
 NUCLEAR FUEL REPROCESSING
 REACTOR MATERIALS
 RECYCLING

SPERMATOCYTES

USE GAMETOCYTES

SPERMATOGENESIS

RT ABIOTIC GENESIS
 GAMETOCYTES
 SPERMATOZOA

SPERMATOZOA

GS CELLS (BIOLOGY)
 . GAMETOCYTES

SPERMATOZOA--(cont.)

. . **SPERMATOZOA**
 RT FERTILIZATION
 SPERMATOGENESIS

SPERT REACTORS

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . BOILING WATER REACTORS
 **SPERT REACTORS**
 . NUCLEAR RESEARCH AND TEST
 REACTORS
 . . **SPERT REACTORS**

SPHALERITE

USE ZINCBLENDE

SPHERES

GS SYMMETRICAL BODIES
 . BODIES OF REVOLUTION
 . . **SPHERES**
 . . . CELESTIAL SPHERE
 . . . CONCENTRIC SPHERES
 . . . FALLING SPHERES
 . . . POINCARÉ SPHERES
 . . . ROTATING SPHERES
 RT AERODYNAMIC CONFIGURATIONS
 ASPHERICITY
 BALLS
 CIRCLES (GEOMETRY)
 EUCLIDEAN GEOMETRY
 GEOMETRY
 ∞ GLOBES
 GLOBULES
 ∞ HEMISPHERES
 HEMISPHERICAL SHELLS
 MICROBALLOONS
 NODULES
 OGIVES
 SPHERICAL SHELLS
 SPHEROIDS
 SPHERULES

SPHERICAL ANTENNAS

GS ANTENNAS
 . **SPHERICAL ANTENNAS**
 RT COMMUNICATION EQUIPMENT
 ELECTRONIC EQUIPMENT

SPHERICAL CAPS

GS SHELLS (STRUCTURAL FORMS)
 . SPHERICAL SHELLS
 . . **SPHERICAL CAPS**
 RT ∞ CAPS
 COVERINGS
 NOSE CONES
 SEALS (STOPPERS)

SPHERICAL COORDINATES

UF CURVILINEAR COORDINATES
 GS COORDINATES
 . **SPHERICAL COORDINATES**
 RT ASTRONOMICAL COORDINATES
 CELESTIAL REFERENCE SYSTEMS
 GEOCENTRIC COORDINATES
 PLANETOCENTRIC COORDINATES
 POLAR COORDINATES
 POSITION (LOCATION)
 ∞ REFERENCE SYSTEMS

SPHERICAL HARMONICS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . . **SPHERICAL HARMONICS**
 FUNCTIONS (MATHEMATICS)
 . **SPHERICAL HARMONICS**
 HARMONICS
 . **SPHERICAL HARMONICS**
 RT LEGENDRE FUNCTIONS

SPHERICAL PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 **SPHERICAL PLASMAS**

SPHERICAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
 . **SPHERICAL SHELLS**
 . . SPHERICAL CAPS
 RT BODIES OF REVOLUTION
 CIRCULAR SHELLS

SPHERICAL SHELLS--(cont.)

HEMISPHERICAL SHELLS
 METAL SHELLS
 REINFORCED SHELLS
 ROTATING SPHERES
 SPHERES
 STRESSED-SKIN STRUCTURES
 THIN WALLED SHELLS

SPHERICAL TANKS

GS TANKS (CONTAINERS)
 . **SPHERICAL TANKS**
 RT FUEL TANKS
 PRESSURE VESSELS
 PROPELLANT TANKS
 STORAGE TANKS

SPHERICAL WAVES

RT CYLINDRICAL WAVES
 DIFFRACTION PATHS
 DIFFRACTION PROPAGATION
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 HUYGENS PRINCIPLE
 PLANE WAVES
 POINT SOURCES
 THREE DIMENSIONAL FLOW
 ∞ WAVES

SPHEROIDS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . **SPHEROIDS**
 OBLATE SPHEROIDS
 PROLATE SPHEROIDS
 RT FALLING SPHERES
 GEOIDS
 SPHERES

SPHEROMAKS

GS NUCLEAR REACTORS
 . FUSION REACTORS
 . . **SPHEROMAKS**
 RT DENSE PLASMAS
 MAGNETIC FIELD CONFIGURATIONS
 MAGNETIC MIRRORS
 PLASMA CONTROL
 PLASMA CURRENTS
 ∞ REACTORS
 TOKAMAK DEVICES
 TOROIDAL PLASMAS

SPHERULES

GS **SPHERULES**
 . SPHERULITES
 RT CRYSTALS
 SPHERES

SPHERULITES

GS CRYSTALS
 . CRYSTALLITES
 . . **SPHERULITES**
 SPHERULES
 . **SPHERULITES**
 RT CRYSTAL STRUCTURE
 MICROCRYSTALS
 MICROSTRUCTURE
 NODULES
 ROSETTE SHAPES

SPHINX

SN (SPACE PLASMA HIGH VOLTAGE
 INTERACTION EXPERIMENTS)
 UF SPACE PLASMA H/V INTERACTION
 EXPERIMENTS
 RT NASA PROGRAMS
 PLASMA INTERACTION EXPERIMENT
 PLASMA-PARTICLE INTERACTIONS
 PLASMAS (PHYSICS)
 ∞ RESEARCH PROJECTS
 SPACE PLASMAS

SPHYGMOGRAPHY

RT ARTERIES
 BIOINSTRUMENTATION
 BLOOD PRESSURE
 HEART RATE
 ∞ MEASUREMENT
 RECORDING INSTRUMENTS

SPICULES

GS STELLAR ACTIVITY
 . SOLAR ACTIVITY

SPICULES--(cont.)

. . **SPICULES**
 RT CHROMOSPHERE
 PHOTOSPHERE
 SOLAR ATMOSPHERE

SPIDERS

GS ANIMALS
 . INVERTEBRATES
 . . ARTHROPODS
 . . . **SPIDERS**

SPIKE ANTENNAS

USE MONOPOLE ANTENNAS

SPIKE NOZZLES

GS EXHAUST NOZZLES
 . **SPIKE NOZZLES**
 RT CONICAL NOZZLES
 NOZZLE GEOMETRY
 ∞ NOZZLES
 PLUG NOZZLES
 ROCKET NOZZLES
 ∞ SPIKES

SPIKE POTENTIALS

GS POTENTIAL ENERGY
 . ELECTRIC POTENTIAL
 . . **SPIKE POTENTIALS**
 RT BIOELECTRICITY
 DEPOLARIZATION
 ∞ SPIKES

∞ SPIKES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*

RT FASTENERS
 HOLDERS
 MONOPOLE ANTENNAS
 PINS
 SPIKE NOZZLES
 SPIKE POTENTIALS
 SPIKES (AERODYNAMIC
 CONFIGURATIONS)

SPIKES (AERODYNAMIC CONFIGURATIONS)

RT ∞ SPIKES
 WIND TUNNELS

SPIKING

RT ELECTRON BEAM WELDING
 MELTING
 METAL CUTTING

SPILLING

RT DUMPING
 EMPTYING
 JETTISONING
 OIL SLICKS
 RELEASING
 SPREADING

SPIN

GS **SPIN**
 . METAL SPINNING
 . . HYDROSPINNING
 . . PARTICLE SPIN
 . . ELECTRON SPIN
 . . ISOTOPIC SPIN
 . . NUCLEAR SPIN
 . . SPIN-ORBIT INTERACTIONS
 . . ELECTRON CAPTURE
 . . SPIN-SPIN COUPLING
 RT ANGULAR MOMENTUM
 NUCLEAR CAPTURE
 ∞ SPINNERS
 YO-YO DEVICES

SPIN DECOUPLING

GS DECOUPLING
 . **SPIN DECOUPLING**
 RT PHOTOMAGNETIC EFFECTS

SPIN DYNAMICS

RT AIRCRAFT SPIN
 ARTIFICIAL GRAVITY
 DYNAMIC TESTS
 ∞ DYNAMICS
 ELECTRON SPIN
 GYRATION
 LUNAR ROTATION
 ROTATING MATTER

SPIN EXCHANGE

GS EXCHANGING
 . **SPIN EXCHANGE**
 RT RESONANCE CHARGE EXCHANGE

SPIN FORGING

USE METAL SPINNING

SPIN GLASS

GS GLASS
 . **SPIN GLASS**
 RT AMORPHOUS MATERIALS
 MAGNETIC PROPERTIES
 METALLIC GLASSES
 SPIN-LATTICE RELAXATION
 SUPERCONDUCTIVITY

SPIN REDUCTION

UF DESPINNING
 JET DAMPING
 GS RATES (PER TIME)
 . ACCELERATION (PHYSICS)
 . . DECELERATION
 . . . **SPIN REDUCTION**
 RT ANGULAR ACCELERATION
 DESTABILIZATION
 GRAVITY GRADIENT SATELLITES
 ∞ REDUCTION
 SATELLITE ROTATION
 YO-YO DEVICES

SPIN RESONANCE

GS RESONANCE
 . **SPIN RESONANCE**
 RT NUCLEAR MAGNETIC RESONANCE
 PARTICLE SPIN

SPIN STABILIZATION

GS STABILIZATION
 . **SPIN STABILIZATION**
 RT ATTITUDE CONTROL
 DUAL SPIN SPACECRAFT
 MISSILES
 OV-1 SATELLITES
 OV-2 SATELLITES
 OV-3 SATELLITES
 OV-4 SATELLITES
 OV-5 SATELLITES
 SATELLITE ORIENTATION
 SATELLITE ROTATION
 SPACE SHUTTLE UPPER STAGE D
 SPACE STATIONS
 ∞ SPINNERS

SPIN TEMPERATURE

SN (LIMITED TO ASTROPHYSICS)
 GS TEMPERATURE
 . **SPIN TEMPERATURE**
 RT ABSORPTION SPECTRA
 ASTROPHYSICS
 HYDROGEN CLOUDS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER

SPIN TESTS

UF WHIRLING TESTS
 RT ANGULAR MOMENTUM
 DYNAMIC TESTS
 ENVIRONMENTAL TESTS
 LOAD TESTS
 POLARIZATION (SPIN ALIGNMENT)
 ∞ TESTS
 WHIRL TOWERS

SPIN WAVES

USE MAGNONS

SPIN-LATTICE RELAXATION

GS MAGNETIC PROPERTIES
 . MAGNETIC RELAXATION
 . . **SPIN-LATTICE RELAXATION**
 RELAXATION (MECHANICS)
 . **SPIN-LATTICE RELAXATION**
 RT LATTICE VIBRATIONS
 NUCLEAR MAGNETIC RESONANCE
 RELAXATION TIME
 SPIN GLASS

SPIN-ORBIT INTERACTIONS

GS NUCLEAR REACTIONS
 . NUCLEAR INTERACTIONS
 . . **SPIN-ORBIT INTERACTIONS**
 . . . ELECTRON CAPTURE
 PARTICLE INTERACTIONS

SPIN-ORBIT INTERACTIONS--(cont.)
 . NUCLEAR INTERACTIONS
 . **SPIN-ORBIT INTERACTIONS**
 . . . ELECTRON CAPTURE
 SPIN
 . **SPIN-ORBIT INTERACTIONS**
 . . . ELECTRON CAPTURE
 RT ∞ INTERACTIONS

SPIN-SPIN COUPLING
 GS COUPLING
 . **SPIN-SPIN COUPLING**
 SPIN
 . **SPIN-SPIN COUPLING**
 RT COUPLES
 CROSS RELAXATION

SPINACH
 GS FARM CROPS
 . **SPINACH**
 PLANTS (BOTANY)
 . **SPINACH**
 VEGETABLES
 . **SPINACH**
 RT ∞ FOOD

SPINAL CORD
 GS ANATOMY
 . NERVOUS SYSTEM
 . . CENTRAL NERVOUS SYSTEM
 . . . **SPINAL CORD**
 RT BONES
 BRAIN
 NEUROGLIA
 SPINE

SPINDLES
 RT SHAFTS (MACHINE ELEMENTS)
 SPOOLS
 WINDING

SPINE
 UF VERTEBRAL COLUMN
 GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . **SPINE**
 VERTEBRAE
 RT SCIATIC REGION
 SPINAL CORD

SPINEL
 GS MINERALS
 . **SPINEL**
 RT ALUMINATES
 FERRITES
 IGNEOUS ROCKS

∞ **SPINNERS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ANTENNA COMPONENTS
 FAIRINGS
 SLEWING
 SPIN
 SPIN STABILIZATION

SPINNING (METALLURGY)
 USE METAL SPINNING

SPINNING SOLID UPPER STAGE
 GS SPACE SHUTTLE UPPER STAGES
 . **SPINNING SOLID UPPER STAGE**
 RT BOOSTER ROCKET ENGINES
 UPPER STAGE ROCKET ENGINES

SPINNING UNGUIDED ROCKET TRAJECTORY
 UF SPURT (TRAJECTORIES)
 GS TRAJECTORIES
 . **SPINNING UNGUIDED ROCKET TRAJECTORY**
 RT EQUATIONS OF MOTION
 MISSILE TRAJECTORIES
 ROTATING BODIES
 SYMMETRICAL BODIES

SPINOR GROUPS
 GS ALGEBRA
 . LIE GROUPS
 . . **SPINOR GROUPS**
 GEOMETRY
 . DIFFERENTIAL GEOMETRY
 . . LIE GROUPS

SPINOR GROUPS--(cont.)
 . . . **SPINOR GROUPS**

SPIRAL ANTENNAS
 GS ANTENNAS
 . **SPIRAL ANTENNAS**
 . . LOG SPIRAL ANTENNAS
 RT ANTENNA DESIGN
 BROADBAND
 TELEMETRY

SPIRAL GALAXIES
 GS CELESTIAL BODIES
 . GALAXIES
 . . **SPIRAL GALAXIES**
 . . . ANDROMEDA GALAXY
 . . . BARRED GALAXIES
 . . . MILKY WAY GALAXY
 RT COROTATION
 DENSITY WAVE MODEL
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 GALACTIC BULGE
 GALACTIC HALOS
 LOCAL GROUP (ASTRONOMY)
 MAFFEI GALAXIES
 PECULIAR GALAXIES
 RING GALAXIES
 SEYFERT GALAXIES
 VIRGO GALACTIC CLUSTER

SPIRAL WRAPPING
 RT COMPOSITE MATERIALS
 COMPOSITE WRAPPING
 ISOTENSOID STRUCTURES
 PACKAGING
 ∞ SPIRALS
 WINDING

∞ **SPIRALS**
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT CURVES (GEOMETRY)
 ∞ HELICES
 SPIRAL WRAPPING
 SPIRALS (CONCENTRATORS)

SPIRALS (CONCENTRATORS)
 GS CONCENTRATORS
 . **SPIRALS (CONCENTRATORS)**
 SEPARATORS
 RT CLASSIFIERS
 ∞ SPIRALS

SPIROMETERS
 RT HEART MINUTE VOLUME
 LUNGS
 RESPIRATORY RATE

SPIITSBERGEN (NORWAY)
 RT ARCHIPELAGOES
 ARCTIC OCEAN
 OCEAN CURRENTS

SPLASHING
 UF SWASH
 RT AGITATION
 SURFACE WAVES
 ULLAGE
 WATER LANDING

SPLEEN
 GS ANATOMY
 . **SPLEEN**
 RT POLYCYTHEMIA

SPLICING
 RT FASTENERS
 ∞ JOINING
 ∞ TAPES
 WIRING

SPLINE FUNCTIONS
 GS FUNCTIONS (MATHEMATICS)
 . **SPLINE FUNCTIONS**
 RT APPROXIMATION
 MATRIX METHODS

SPLINES
 RT COUPLINGS
 FASTENERS
 HOLDERS

SPLINTS
 RT BONES
 CASTS
 FIRST AID

SPLIT FLAPS
 GS AIRFOILS
 . FLAPS (CONTROL SURFACES)
 . . **SPLIT FLAPS**
 BRAKES (FOR ARRESTING MOTION)
 . AERODYNAMIC BRAKES
 . . **SPLIT FLAPS**
 . AIRCRAFT BRAKES
 . . **SPLIT FLAPS**
 CONTROL SURFACES
 . FLAPS (CONTROL SURFACES)
 . . **SPLIT FLAPS**
 DRAG DEVICES
 . AERODYNAMIC BRAKES
 . . **SPLIT FLAPS**
 RT JET FLAPS
 LEADING EDGE SLATS
 TRAILING EDGE FLAPS
 WING FLAPS

SPLITS (GEOLOGY)
 USE GEOLOGICAL FAULTS

SPLITTING
 RT CHIPPING
 CUTTING
 FISSION
 FLAKING
 FRACTURING
 LASER CUTTING
 ∞ SEPARATION
 SLICING
 WATER SPLITTING

SPODUMENE
 GS ALUMINUM COMPOUNDS
 . **SPODUMENE**
 CHALCOGENIDES
 . OXIDES
 . . SILICON OXIDES
 . . . **SPODUMENE**
 LITHIUM COMPOUNDS
 . **SPODUMENE**
 MINERALS
 . **SPODUMENE**
 SILICON COMPOUNDS
 . SILICATES
 . . SODIUM SILICATES
 . . . **SPODUMENE**
 . SILICON OXIDES
 . . **SPODUMENE**
 SODIUM COMPOUNDS
 . SODIUM SILICATES
 . . **SPODUMENE**

SPOILER SLOT AILERONS
 GS AIRFOILS
 . AILERONS
 . . **SPOILER SLOT AILERONS**
 CONTROL SURFACES
 . AILERONS
 . . **SPOILER SLOT AILERONS**
 RT SPOILERS

SPOILERS
 GS AIRFOILS
 . **SPOILERS**
 CONTROL SURFACES
 . **SPOILERS**
 DRAG DEVICES
 . **SPOILERS**
 RT AERODYNAMIC BRAKES
 BOUNDARY LAYER CONTROL
 DEFLECTORS
 FLAPS (CONTROL SURFACES)
 GUST ALLEVIATORS
 LEADING EDGE SLATS
 SPOILER SLOT AILERONS
 VORTEX ALLEVIATION
 WINGS

SPOKES
 RT HUBS
 WHEELS

SPONGES (MATERIALS)
 SN (ORGANIC OPEN-CELL STRUCTURES)
 RT ELASTOMERS
 ∞ MATERIALS
 POLYURETHANE FOAM

SPONGES (MATERIALS)--(cont.)
POROUS MATERIALS**SPONTANEOUS COMBUSTION**

- GS COMBUSTION
 - . **SPONTANEOUS COMBUSTION**
- RT COMBUSTION TEMPERATURE
 - EXPLOSIONS
 - FIRE POINT
 - FIRE PREVENTION
 - FLAMMABILITY
 - FLASH POINT
 - FUEL COMBUSTION
 - HAZARDS
 - HYPERGOLIC ROCKET PROPELLANTS
 - IGNITION
 - IGNITION TEMPERATURE
 - PROPELLANT SENSITIVITY
 - PYROPHORIC MATERIALS

SPONTANEOUS EMISSION

- GS EMISSION
 - . **SPONTANEOUS EMISSION**
- RT ATOMIC ENERGY LEVELS
 - ELECTROMAGNETIC RADIATION
 - EMISSION SPECTRA
 - SPECTRAL EMISSION

SPOOLS

- RT ∞ CONTAINERS
 - INSERTS
 - MAGAZINES (SUPPLY CHAMBERS)
 - REELS
 - SPINDLES

SPORADIC E LAYER

- GS EARTH ATMOSPHERE
 - . UPPER ATMOSPHERE
 - . . EARTH IONOSPHERE
 - . . . E REGION
 - **SPORADIC E LAYER**
 - REGIONS
 - . E REGION
 - . . **SPORADIC E LAYER**
- RT E-1 LAYER
 - E-2 LAYER
 - MIDLATITUDE ATMOSPHERE

SPORADIC METEORIDS

- SN (METEORIDS NOT ASSOCIATED WITH A METEOROID SHOWER OR STREAM)
- GS CELESTIAL BODIES
 - . METEORIDS
 - . . **SPORADIC METEORIDS**
- RT METEOR TRAILS
 - METEOROID CONCENTRATION

SPORES

- GS **SPORES**
 - . MICROSPORES
- RT FUNGI
 - MICROORGANISMS
 - PLANTS (BOTANY)
 - PROTOZOA
 - TETRAD THEORY

SPORTS MEDICINE

- RT AEROSPACE MEDICINE
 - ATHLETES
 - CLINICAL MEDICINE
 - EXERCISE PHYSIOLOGY
 - MEDICAL SCIENCE
 - PHYSICAL FITNESS
 - PHYSIOLOGICAL EFFECTS

SPOT (FRENCH SATELLITE)

- GS ARTIFICIAL SATELLITES
 - . FRENCH SATELLITES
 - . . **SPOT (FRENCH SATELLITE)**
- RT CROP IDENTIFICATION
 - EARTH OBSERVATIONS (FROM SPACE)
 - EARTH RESOURCES
 - LAND USE
 - MAPPING
 - SOIL MAPPING
 - STEREOPHOTOGRAPHY

SPOT WELDS

- GS JOINTS (JUNCTIONS)
 - . METAL JOINTS
 - . . WELDED JOINTS
 - . . . **SPOT WELDS**
- RT ARC WELDING
 - BEADS

SPOT WELDS--(cont.)

- ELECTRIC WELDING
- FUSION WELDING
- PRESSURE WELDING
- ULTRASONIC WELDING

SPRAY CHARACTERISTICS

- RT ∞ CHARACTERISTICS
 - SPRAYERS
 - SPRAYING

SPRAY CONDENSERS

- RT JET CONDENSERS
 - SPRAYERS

SPRAY INGESTION

- RT GAS TURBINES
 - LANDING GEAR
 - SALT SPRAY TESTS

SPRAY NOZZLES

- RT ANNULAR NOZZLES
 - CONICAL NOZZLES
 - FUEL INJECTION
 - FUEL SYSTEMS
 - INJECTORS
 - ∞ NOZZLES
 - ORIFICES
 - SPRAYERS

SPRAYED COATINGS

- UF SPRAYED PROTECTIVE COATINGS
- GS COATINGS
 - . **SPRAYED COATINGS**
- RT CERAMIC COATINGS
 - FINISHES
 - LACQUERS
 - METAL COATINGS
 - PAINTS
 - PLASMA SPRAYING
 - PLASTIC COATINGS
 - PRIMERS (COATINGS)
 - PROTECTIVE COATINGS
 - VARNISHES

SPRAYED PROTECTIVE COATINGS

- USE PROTECTIVE COATINGS
 - SPRAYED COATINGS

SPRAYERS

- UF SPRAYING APPARATUS
 - SPRAYS
- RT ATOMIZERS
 - BLOWERS
 - COLLOIDAL GENERATORS
 - CONTACTORS
 - ∞ CONTAINERS
 - ∞ DIFFUSERS
 - DISPENSERS
 - DISTRIBUTORS
 - DROPS (LIQUIDS)
 - EJECTORS
 - FUEL SPRAYS
 - ∞ JETS
 - MATERIALS HANDLING
 - MIXERS
 - ∞ NOZZLES
 - PROPELLANT SPRAYS
 - SPRAY CHARACTERISTICS
 - SPRAY CONDENSERS
 - SPRAY NOZZLES
 - SPRAYING
 - VAPORIZERS

SPRAYING

- GS **SPRAYING**
 - . ARC SPRAYING
 - . CROP DUSTING
 - . FLAME SPRAYING
 - . METAL SPRAYING
 - . PLASMA SPRAYING
- RT AERATION
 - AEROSOLS
 - ATOMIZING
 - BLOWING
 - COATING
 - COATINGS
 - DIFFUSION
 - DISPERSING
 - ENTRAINMENT
 - FORMING TECHNIQUES
 - FUMIGATION
 - LIQUID ATOMIZATION
 - METALLIZING
 - MIXING

SPRAYING--(cont.)

- PREMIXING
- SEALING
- SPRAY CHARACTERISTICS
- SPRAYERS
- SPRINKLING
- VAPORIZING
- WETTING

SPRAYING APPARATUS

- USE SPRAYERS

SPRAYS

- USE SPRAYERS

SPREAD F

- RT F 2 REGION
 - IONOSPHERIC STORMS
 - MAGNETIC STORMS

SPREAD REFLECTION

- GS REFLECTION
 - . **SPREAD REFLECTION**
- RT GLARE
 - INFRARED REFLECTION
 - OPTICAL REFLECTION
 - SCATTERING
 - SIGNAL REFLECTION
 - ULTRAVIOLET REFLECTION
 - WAVE REFLECTION

SPREAD SPECTRUM TRANSMISSION

- GS TRANSMISSION
 - . ELECTROMAGNETIC WAVE
 - TRANSMISSION
 - . . RADIO TRANSMISSION
 - . . . **SPREAD SPECTRUM TRANSMISSION**
- RT COMMUNICATION
 - FREQUENCY HOPPING

SPREADING

- RT ADHESION
 - COHESION
 - DIFFUSION
 - DISPERSING
 - DISPOSAL
 - DUMPING
 - EMPTYING
 - INTERFACIAL TENSION
 - INTERNAL PRESSURE
 - MATERIALS HANDLING
 - SCATTERING
 - ∞ SEPARATION
 - SPILLING
 - SWELLING
 - THROWING
 - UNLOADING

SPRING (SEASON)

- GS SEASONS
 - . **SPRING (SEASON)**
- RT AUTUMN
 - SUMMER
 - WINTER

SPRINGS (ELASTIC)

- RT ∞ COILS
 - ENERGY STORAGE
 - FRAMES
 - OSCILLATION DAMPERS
 - OSCILLATIONS
 - RESILIENCE
 - SHOCK ABSORBERS
 - SUSPENSION SYSTEMS (VEHICLES)
 - VIBRATION ISOLATORS

SPRINGS (WATER)

- GS RESOURCES
 - . EARTH RESOURCES
 - . . **SPRINGS (WATER)**
- RT WATER
 - . **SPRINGS (WATER)**
 - AQUIFERS
 - FRESH WATER
 - GROUND WATER
 - INLAND WATERS
 - LAKES
 - OASES
 - POTABLE WATER
 - WATER TABLES
 - WELLS

SPRINKLING

- RT SCATTERING

- SPRINKLING--(cont.)**
 SPRAYING
 WETTING
- SPRINT MISSILE**
 GS MISSILES
 . ANTIMISSILE MISSILES
 . **SPRINT MISSILE**
 . SURFACE TO AIR MISSILES
 . **SPRINT MISSILE**
 RT NIKE-ZEUS MISSILE
 SENTINEL SYSTEM
 SOLID PROPELLANT ROCKET ENGINES
 SPARTAN MISSILE
- SPUR (REACTORS)**
 USE SPACE POWER UNIT REACTORS
- SPURT (TRAJECTORIES)**
 USE SPINNING UNGUIDED ROCKET
 TRAJECTORY
- SPUTNIK SATELLITES**
 GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . **SPUTNIK SATELLITES**
 . . . SPUTNIK 1 SATELLITE
 . . . SPUTNIK 2 SATELLITE
 . . . SPUTNIK 3 SATELLITE
 . . . SPUTNIK 4 SATELLITE
 . . . SPUTNIK 5 SATELLITE
 SOVIET SPACECRAFT
 . **SPUTNIK SATELLITES**
 . . SPUTNIK 1 SATELLITE
 . . SPUTNIK 2 SATELLITE
 . . SPUTNIK 3 SATELLITE
 . . SPUTNIK 4 SATELLITE
 . . SPUTNIK 5 SATELLITE
- SPUTNIK 1 SATELLITE**
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **SPUTNIK 1 SATELLITE**
 . SOVIET SATELLITES
 . . SPUTNIK SATELLITES
 . . . **SPUTNIK 1 SATELLITE**
 SOVIET SPACECRAFT
 . SPUTNIK SATELLITES
 . **SPUTNIK 1 SATELLITE**
- SPUTNIK 2 SATELLITE**
 GS ARTIFICIAL SATELLITES
 . BIOSATELLITES
 . **SPUTNIK 2 SATELLITE**
 . METEOROLOGICAL SATELLITES
 . **SPUTNIK 2 SATELLITE**
 . SOVIET SATELLITES
 . . SPUTNIK SATELLITES
 . . . **SPUTNIK 2 SATELLITE**
 SOVIET SPACECRAFT
 . SPUTNIK SATELLITES
 . **SPUTNIK 2 SATELLITE**
- SPUTNIK 3 SATELLITE**
 GS ARTIFICIAL SATELLITES
 . GEOPHYSICAL SATELLITES
 . **SPUTNIK 3 SATELLITE**
 . METEOROLOGICAL SATELLITES
 . **SPUTNIK 3 SATELLITE**
 . SOVIET SATELLITES
 . . SPUTNIK SATELLITES
 . . . **SPUTNIK 3 SATELLITE**
 SOVIET SPACECRAFT
 . SPUTNIK SATELLITES
 . **SPUTNIK 3 SATELLITE**
- SPUTNIK 4 SATELLITE**
 GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . SPUTNIK SATELLITES
 . . . **SPUTNIK 4 SATELLITE**
 SOVIET SPACECRAFT
 . SPUTNIK SATELLITES
 . **SPUTNIK 4 SATELLITE**
- SPUTNIK 5 SATELLITE**
 GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . SPUTNIK SATELLITES
 . . . **SPUTNIK 5 SATELLITE**
 SOVIET SPACECRAFT
 . SPUTNIK SATELLITES
 . **SPUTNIK 5 SATELLITE**
 RT VENUS PROBES
- SPUTTERING**
 GS **SPUTTERING**
 . MAGNETRON SPUTTERING
 RT ARC WELDING
 ∞ BOMBARDMENT
 DEPOSITION
 DUOPLASMATRONS
 ELECTRON BOMBARDMENT
 EMISSION
 ION PLATING
 ION SOURCES
 METAL PARTICLES
 PLASMA ETCHING
 SURFACE FINISHING
 THERMAL INSTABILITY
- SPUTTERING GAGES**
 GS MEASURING INSTRUMENTS
 . **SPUTTERING GAGES**
 RT METAL FILMS
 THIN FILMS
- SQUALLS**
 GS WIND (METEOROLOGY)
 . **SQUALLS**
 RT GROUND WIND
 STORMS (METEOROLOGY)
- SQUAMA**
 RT FISHES
- SQUARE WAVES**
 GS WAVEFORMS
 . **SQUARE WAVES**
 RT FORM FACTORS
 PULSE AMPLITUDE
 PULSE DURATION
 SAWTOOTH WAVEFORMS
 TIME FUNCTIONS
 WAVE FUNCTIONS
 WAVE PROPAGATION
 ∞ WAVES
- SQUARE WELLS**
 RT ELECTRON MOBILITY
 MAGNETIC FIELDS
 PHOTOCONDUCTIVITY
 VACANCIES (CRYSTAL DEFECTS)
 WELLS
- SQUARES (MATHEMATICS)**
 GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . POLYGONS
 . . . TETRAGONS
 . . . **SQUARES (MATHEMATICS)**
- SQUEEZE CASTING**
 GS FORMING TECHNIQUES
 . CASTING
 . . **SQUEEZE CASTING**
 RT CAST ALLOYS
 COMPRESSING
 EXTRUDING
 FABRICATION
 FORGING
 LIQUID METALS
 METAL MATRIX COMPOSITES
 METAL WORKING
- SQUEEZE FILMS**
 GS FLUID FILMS
 . **SQUEEZE FILMS**
 RT BOUNDARY LUBRICATION
 ELASTOHYDRODYNAMICS
 ∞ FILMS
 GAS BEARINGS
 GAS LUBRICANTS
 LIQUID-SOLID INTERFACES
 LUBRICANTS
 THIN FILMS
 VISCOELASTICITY
 VISCOUS FLUIDS
- SQUEEZED STATES (QUANTUM THEORY)**
 UF TWO PHOTON COHERENT STATES
 RT COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT LIGHT
 ELECTROMAGNETIC FIELDS
 FLUCTUATION THEORY
 LIGHT TRANSMISSION
 ∞ OPTICS
 PHOTON DENSITY
- SQUEEZED STATES (QUANTUM THEORY)--(cont.)**
 QUANTUM MECHANICS
 QUANTUM THEORY
- SQUEEZING**
 USE COMPRESSING
- SQUELCH CIRCUITS**
 GS CIRCUITS
 . **SQUELCH CIRCUITS**
 RT BACKGROUND NOISE
 ELECTROMAGNETIC NOISE
 NOISE REDUCTION
 SILENCERS
 SUPPRESSORS
 SWITCHING CIRCUITS
- SQUIBS**
 UF XM-6 SQUIB
 XM-8 SQUIB
 GS IGNITERS
 . **SQUIBS**
 RT ELECTRIC IGNITION
 IGNITION SYSTEMS
 PRIMERS (EXPLOSIVES)
 SOLID PROPELLANT IGNITION
 STARTERS
- SQUID (DETECTORS)**
 UF SUPERCONDUCTING QUANTUM
 INTERFEROMETERS
 GS SUPERCONDUCTING DEVICES
 . **SQUID (DETECTORS)**
 RT ∞ DETECTORS
 JOSEPHSON JUNCTIONS
 MAGNETIC MEASUREMENT
 QUANTUM COUNTERS
 SIS (SUPERCONDUCTORS)
 SUPERCONDUCTORS
- SQUID PROJECT**
 GS PROGRAMS
 . PROJECTS
 . . **SQUID PROJECT**
 RT JET PROPULSION
- SQUIRRELS**
 GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . RODENTS
 **SQUIRRELS**
 GROUND SQUIRRELS
- SR (REACTORS)**
 USE SATURABLE REACTORS
- SR-N2 GROUND EFFECT MACHINE**
 USE WESTLAND GROUND EFFECT MACHINES
- SR-N3 GROUND EFFECT MACHINE**
 USE WESTLAND GROUND EFFECT MACHINES
- SR-N5 GROUND EFFECT MACHINE**
 USE WESTLAND GROUND EFFECT MACHINES
- SR-71 AIRCRAFT**
 UF BLACKBIRD AIRCRAFT
 GS LOCKHEED AIRCRAFT
 . **SR-71 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **SR-71 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **SR-71 AIRCRAFT**
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT
- SRB (SOLID ROCKET BOOSTERS)**
 USE SPACE SHUTTLE BOOSTERS
- SRE REACTOR**
 USE SODIUM REACTOR EXPERIMENT
- SRET SATELLITES**
 GS ARTIFICIAL SATELLITES
 . FRENCH SATELLITES
 . **SRET SATELLITES**
 . . SRET 1 SATELLITE
 . . SRET 2 SATELLITE
 . METEOROLOGICAL SATELLITES
 . **SRET SATELLITES**
 . . SRET 1 SATELLITE
 . . SRET 2 SATELLITE
 RT FRENCH SPACE PROGRAM

SRET 1 SATELLITE

GS ARTIFICIAL SATELLITES
 . FRENCH SATELLITES
 . . SRET SATELLITES
 . . . **SRET 1 SATELLITE**
 . . . METEOROLOGICAL SATELLITES
 . . . SRET SATELLITES
 . . . **SRET 1 SATELLITE**
 RT FRENCH SPACE PROGRAM

SRET 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . FRENCH SATELLITES
 . . SRET SATELLITES
 . . . **SRET 2 SATELLITE**
 . . . METEOROLOGICAL SATELLITES
 . . . SRET SATELLITES
 . . . **SRET 2 SATELLITE**

SRI LANKA

UF CEYLON
 GS NATIONS
 . **SRI LANKA**
 RT ASIA

SS-11 MISSILE

GS MISSILES
 . **SS-11 MISSILE**
 RT MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

SSGS (STANDARDIZED SPACE GUIDANCE)

USE STANDARDIZED SPACE GUIDANCE

SSUS-A

USE SPACE SHUTTLE UPPER STAGE A

SSUS-D

USE SPACE SHUTTLE UPPER STAGE D

ST LAWRENCE VALLEY (NORTH AMERICA)

GS LANDFORMS
 . **ST LAWRENCE VALLEY (NORTH AMERICA)**
 VALLEYS
 . **ST LAWRENCE VALLEY (NORTH AMERICA)**
 RT CANADA
 MAINE
 NEW HAMPSHIRE
 NEW YORK
 VERMONT

ST LOUIS-KANSAS CITY CORRIDOR (MO)

GS CORRIDORS
 . **ST LOUIS-KANSAS CITY CORRIDOR (MO)**
 RT MISSOURI
 REGIONAL PLANNING

ST VENANT FLEXURE PROBLEM

USE SAINT VENANT PRINCIPLE

STABILITY

UF INSTABILITY
 GS **STABILITY**
 . ACOUSTIC INSTABILITY
 . BAROCLINIC INSTABILITY
 . DYNAMIC STABILITY
 . . COMBUSTION STABILITY
 . . . FLAME STABILITY
 . . . CONTROL STABILITY
 . . . FREQUENCY STABILITY
 . . . MOTION STABILITY
 . . . AERODYNAMIC STABILITY
 . . . AIRCRAFT STABILITY
 . . . HOVERING STABILITY
 . . . ATTITUDE STABILITY
 . . . DIRECTIONAL STABILITY
 . . . GYROSCOPIC STABILITY
 . . . LATERAL STABILITY
 . . . LONGITUDINAL STABILITY
 . . . FLOW STABILITY
 . . . BOUNDARY LAYER STABILITY
 . . . FLAME STABILITY
 . . . MAGNETOHYDRODYNAMIC STABILITY
 . . . WEIBEL INSTABILITY
 . . . LOW SPEED STABILITY
 . . . ROTARY STABILITY
 . . . GYROSCOPIC STABILITY
 . . . SPACECRAFT STABILITY
 . . . GOERTLER INSTABILITY
 . . . MAGNETOSPHERIC INSTABILITY

STABILITY--(cont.)

. PHASE STABILITY (MATERIALS)
 . . STATIC STABILITY
 . . . DIMENSIONAL STABILITY
 . . . STRUCTURAL STABILITY
 SHELL STABILITY
 . . . STORAGE STABILITY
 . . . SURFACE STABILITY
 . . . SYSTEMS STABILITY
 . . . THERMAL STABILITY
 RT AMPLIFICATION
 BALLAST (MASS)
 COMPATIBILITY
 CONTROLLABILITY
 ∞ DRIFT
 DRIFT RATE
 DURABILITY
 DYNAMIC CHARACTERISTICS
 EQUATIONS OF MOTION
 ∞ EQUILIBRIUM
 METASTABLE STATE
 QUALITY
 RELIABILITY
 ∞ RESISTANCE
 SAFETY FACTORS
 SPACECRAFT MOTION
 STABILIZERS (AGENTS)
 STEADY STATE
 TOLERANCES (MECHANICS)
 TRESCA FLOW
 UNITY
 UNSTEADY STATE
 VARIABILITY
 VLASOV EQUATIONS
 VULNERABILITY

STABILITY AUGMENTATION

GS AUGMENTATION
 . **STABILITY AUGMENTATION**
 RT AERODYNAMIC STABILITY
 AIRCRAFT CONTROL
 ATTITUDE (INCLINATION)
 AUTOMATIC CONTROL
 CONTROL STABILITY
 DIRECTIONAL STABILITY
 FEEDBACK CONTROL
 FLIGHT CONTROL
 LATERAL OSCILLATION
 PITCH (INCLINATION)

STABILITY DERIVATIVES

UF AERODYNAMIC MOMENTS
 GS MOMENTS
 . **STABILITY DERIVATIVES**
 . . PITCHING MOMENTS
 . . ROLLING MOMENTS
 . . YAWING MOMENTS
 RT COMPLEX VARIABLES
 DAMPING
 DIFFERENTIAL EQUATIONS
 MOMENTS OF INERTIA
 REAL VARIABLES
 VECTOR ANALYSIS

STABILITY TESTS

GS **STABILITY TESTS**
 . FLIGHT STABILITY TESTS
 . WIND TUNNEL STABILITY TESTS
 RT CORROSION TESTS
 DAMPING TESTS
 ELECTRONIC EQUIPMENT TESTS
 FLIGHT TESTS
 FUEL TESTS
 GROUND TESTS
 MISSILE TESTS
 PROPELLANT TESTS
 RESONANCE TESTING
 ∞ TESTS
 VIBRATION TESTS

STABILIZATION

UF MISSILE STABILIZATION
 GS **STABILIZATION**
 . SIGNAL STABILIZATION
 . SPIN STABILIZATION
 . THREE AXIS STABILIZATION
 RT ACID BASE EQUILIBRIUM
 BALANCING
 CONSOLIDATION
 ∞ CONTROL
 ∞ EQUILIBRIUM
 HEAT TREATMENT
 HORIZONTAL ORIENTATION
 LASER GYROSCOPES
 PHASE STABILITY (MATERIALS)

STABILIZATION--(cont.)

STABILIZERS (AGENTS)
 STRESS RELIEVING
 VERTICAL ORIENTATION

STABILIZED PLATFORMS

RT GIMBALS
 GYROSCOPIC STABILITY
 GYROSTABILIZERS
 INERTIAL GUIDANCE
 ∞ PLATFORMS
 THREE AXIS STABILIZATION

∞ STABILIZERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT GYROSCOPES
 SEA KEEPING
 STABILIZERS (AGENTS)
 STABILIZERS (FLUID DYNAMICS)

STABILIZERS (AGENTS)

RT ADDITIVES
 ∞ AGENTS
 ANTICOAGULANTS
 ANTIOXIDANTS
 NEUTRALIZERS
 PRESERVATIVES
 RETARDANTS
 STABILITY
 STABILIZATION
 ∞ STABILIZERS

STABILIZERS (FLUID DYNAMICS)

UF HORIZONTAL STABILIZERS
 VERTICAL STABILIZERS
 VERTICAL TAILS
 GS **STABILIZERS (FLUID DYNAMICS)**
 . HORIZONTAL TAIL SURFACES
 RT AERIAL RUDDERS
 AIRFOILS
 CONTROL SURFACES
 ∞ DYNAMICS
 ELEVATORS (CONTROL SURFACES)
 FINS
 KEELS
 RUDDERS
 ∞ STABILIZERS
 SWEPTBACK TAIL SURFACES
 T TAIL SURFACES
 TABS (CONTROL SURFACES)
 TAIL ASSEMBLIES
 TAIL SURFACES
 TRAPEZOIDAL TAIL SURFACES

STABLE OSCILLATIONS

GS OSCILLATIONS
 . **STABLE OSCILLATIONS**
 RT DYNAMIC STABILITY
 FREQUENCY PULLING
 FREQUENCY STABILITY
 GYROSCOPIC STABILITY
 MOTION STABILITY
 NONSTABILIZED OSCILLATION
 PILOT INDUCED OSCILLATION
 RESONANT VIBRATION
 TRANSVERSE OSCILLATION
 UNDAMPED OSCILLATIONS
 WING OSCILLATIONS

STACKING FAULT ENERGY

RT CRYSTAL DEFECTS
 ∞ ENERGY
 TWINNING

STACKING FAULTS

USE CRYSTAL DEFECTS

STACKS

RT CHIMNEYS
 CRYSTAL DEFECTS
 MATERIALS HANDLING

STADAN (SATELLITE TRACKING NETWORK)

USE STDN (NETWORK)

STADIMETERS

GS MEASURING INSTRUMENTS
 . DISTANCE MEASURING EQUIPMENT
 . . **STADIMETERS**
 RT RANGE FINDERS
 SEXTANTS

STAGE SEPARATION

UF STAGING (ROCKETS)
 RT BOOSTER ROCKET ENGINES
 EXPENDABLE STAGES (SPACECRAFT)
 INTERIM STAGES (SPACECRAFT)
 LUNAR MODULE ASCENT STAGE
 MISSILES
 MULTISTAGE ROCKET VEHICLES
 PROPELLANT MASS RATIO
 ROCKET VEHICLES
 ∞ SEPARATION
 SPACE SHUTTLE ASCENT STAGE
 SUSTAINER ROCKET ENGINES
 THRUST TERMINATION
 UPPER STAGE ROCKET ENGINES

STAGGERING

RT ∞ CONFIGURATIONS
 DISORIENTATION

STAGING (ROCKETS)

USE STAGE SEPARATION

STAGNATION FLOW

GS FLUID FLOW
 . INVISCID FLOW
 . . STAGNATION FLOW
 RT BOUNDARY LAYER FLOW
 BOUNDARY LAYER SEPARATION
 COMPRESSIBLE FLOW
 STAGNATION POINT

STAGNATION POINT

UF STAGNATION REGION
 RT BLUNT BODIES
 BOUNDARY LAYER FLOW
 FLOW DISTRIBUTION
 FLUID DYNAMICS
 HEAT TRANSFER
 STAGNATION FLOW

STAGNATION PRESSURE

GS PRESSURE
 . STAGNATION PRESSURE
 RT COMPRESSIBLE FLOW
 INLET PRESSURE

STAGNATION REGION

USE STAGNATION POINT

STAGNATION TEMPERATURE

GS TEMPERATURE
 . STAGNATION TEMPERATURE
 RT ADIABATIC FLOW
 COMPRESSIBLE FLOW
 INVISCID FLOW

STAINING

RT CHEMICAL TESTS
 DISCOLORATION
 MARKING
 METHYLENE
 METHYLENE BLUE

STAINLESS STEELS

GS ALLOYS
 . IRON ALLOYS
 . . STEELS
 . . . STAINLESS STEELS
 AUSTENITIC STAINLESS STEELS
 FERRITIC STAINLESS STEELS
 MARTENSITIC STAINLESS STEELS
 RT CHROMIUM ALLOYS
 MARAGING STEELS
 MOLYBDENUM ALLOYS
 NICKEL ALLOYS
 NICKEL STEELS

STAIRCASES

USE STAIRWAYS

STAIRSTEPS

RT BACKWARD FACING STEPS
 FORMATIONS
 ∞ STEPS
 TOPOGRAPHY

STAIRWAYS

UF STAIRCASES
 RT BUILDINGS
 ESCALATORS
 LADDERS
 TREADS

∞ STALLING

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT AERODYNAMIC STALLING
 BOUNDARY LAYER SEPARATION
 ENGINE FAILURE

STAMPING

SN (EXCLUDES IDENTIFICATION MARKING)
 GS FORMING TECHNIQUES
 . PRESSING (FORMING)
 . . STAMPING
 RT ∞ BLANKING
 BLANKING (CUTTING)
 COINING
 COLD WORKING
 DIES
 DIMPLING
 FORGING
 HOT ISOSTATIC PRESSING
 HOT PRESSING
 METAL WORKING
 PUNCHES
 SHEARING
 SWAGING
 UPSETTING

STANDARD ATMOSPHERES

USE REFERENCE ATMOSPHERES

STANDARD DEVIATION

GS MOMENTS
 . DISTRIBUTION MOMENTS
 . . STANDARD DEVIATION
 STATISTICAL ANALYSIS
 . STANDARD DEVIATION
 RT CONFIDENCE LIMITS
 ESTIMATING
 HETEROGENEITY
 QUALITY CONTROL
 RANGE (EXTREMES)
 VARIABILITY
 VARIANCE (STATISTICS)

STANDARD LAUNCH VEHICLE 3

USE ATLAS SLV-3 LAUNCH VEHICLE

STANDARD LAUNCH VEHICLE 5

GS LAUNCH VEHICLES
 . STANDARD LAUNCH VEHICLES
 . . STANDARD LAUNCH VEHICLE 5
 ROCKET VEHICLES
 . STANDARD LAUNCH VEHICLES
 . . STANDARD LAUNCH VEHICLE 5

STANDARD LAUNCH VEHICLES

UF SLV
 GS LAUNCH VEHICLES
 . STANDARD LAUNCH VEHICLES
 . . ATLAS SLV-3 LAUNCH VEHICLE
 . . STANDARD LAUNCH VEHICLE 5
 ROCKET VEHICLES
 . STANDARD LAUNCH VEHICLES
 . . ATLAS SLV-3 LAUNCH VEHICLE
 . . STANDARD LAUNCH VEHICLE 5
 RT ATLAS D ICBM
 ∞ VEHICLES

STANDARDIZATION

GS STANDARDIZATION
 . COMMONALITY
 RT CALIBRATING
 METRICATION
 NAMING
 NUMERICAL CONTROL
 PRODUCT DEVELOPMENT
 PRODUCTION ENGINEERING
 QUALITY CONTROL
 SPECIFICATIONS
 STANDARDS
 VARIABILITY

STANDARDIZED SPACE GUIDANCE

UF SSGS (STANDARDIZED SPACE
 GUIDANCE)
 GS GUIDANCE (MOTION)
 . STANDARDIZED SPACE GUIDANCE
 RT SPACE NAVIGATION

STANDARDS

UF REFERENCES (STANDARDS)
 GS STANDARDS
 . FREQUENCY STANDARDS

STANDARDS--(cont.)

RT REFERENCE ATMOSPHERES
 ACCEPTABILITY
 ACCURACY
 CALIBRATING
 ∞ CODES
 CONVENTIONS
 CRITERIA
 INSPECTION
 ∞ MEASUREMENT
 ∞ MEASURES
 METROLOGY
 ∞ PERFORMANCE
 PERFORMANCE TESTS
 QUALITY CONTROL
 RELIABILITY
 SAMPLING
 SPECIFICATIONS
 STANDARDIZATION
 TEMPERATURE SCALES
 TOLERANCES (MECHANICS)
 VALIDITY
 VALUE ENGINEERING

STANDING WAVE RATIOS

GS RATIOS
 . STANDING WAVE RATIOS
 RT AMPLITUDES
 ELECTRICAL PROPERTIES
 SMITH CHART
 TRANSMISSION LINES

STANDING WAVES

RT ANTINODES
 BEAT FREQUENCIES
 FREQUENCIES
 HARMONICS
 NODES (STANDING WAVES)
 ∞ RADIATION
 RESONANT FREQUENCIES
 VIBRATION
 WAVELENGTHS
 ∞ WAVES

STANDS

USE SUPPORTS

STANNATES

GS TIN COMPOUNDS
 . STANNATES
 RT ∞ OXYGEN COMPOUNDS

STANNIDES

GS TIN COMPOUNDS
 . STANNIDES
 . . NIOBIUM STANNIDES
 RT TIN ALLOYS

STANTON NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . STANTON NUMBER
 RT FORCED CONVECTION
 HEAT TRANSFER

STAPHYLOCOCCUS

GS MICROORGANISMS
 . BACTERIA
 . . STAPHYLOCOCCUS
 RT PLEUROTIN

STAR CATALOGS

USE ASTRONOMICAL CATALOGS

STAR CLUSTERS

GS CELESTIAL BODIES
 . STAR CLUSTERS
 . . GLOBULAR CLUSTERS
 . . OPEN CLUSTERS
 . . . PLEIADES CLUSTER
 . . . PRAESEPE STAR CLUSTERS
 RT BARRED GALAXIES
 BINARY STARS
 ∞ CLUSTERS
 COLOR-MAGNITUDE DIAGRAM
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 GALACTIC CLUSTERS
 GALAXIES
 IRREGULAR GALAXIES
 MAGELLANIC CLOUDS
 METALLICITY
 SOLAR NEIGHBORHOOD
 STARS

STAR CLUSTERS--(cont.)

STELLAR SYSTEMS
VIRGO GALACTIC CLUSTER

STAR DISTRIBUTION

UF STAR FIELDS
STELLAR FIELDS
GS DISTRIBUTION (PROPERTY)
... SPATIAL DISTRIBUTION
... **STAR DISTRIBUTION**
... VERTICAL DISTRIBUTION
... **STAR DISTRIBUTION**
RT ANGULAR DISTRIBUTION
ASTROLABES
BARRED GALAXIES
COSMOLOGY
GALACTIC CLUSTERS
GALACTIC EVOLUTION
GALACTIC HALOS
GLOBULAR CLUSTERS
MASS DISTRIBUTION
RADIAL DISTRIBUTION
STAR FORMATION
STELLAR SYSTEMS
VIRGO GALACTIC CLUSTER

STAR FIELDS

USE STAR DISTRIBUTION

STAR FORMATION

GS EVOLUTION (DEVELOPMENT)
... STELLAR EVOLUTION
... **STAR FORMATION**
RT ASTROPHYSICS
COOLING FLOWS (ASTROPHYSICS)
COSMOLOGY
EARLY STARS
HYDROGEN CLOUDS
INTERSTELLAR GAS
INTERSTELLAR MATTER
MOLECULAR CLOUDS
NEBULAE
NUCLEAR FUSION
PRE-MAIN SEQUENCE STARS
PROTOSTARS
STAR DISTRIBUTION
STAR FORMATION RATE
STARBURST GALAXIES
STARS
STELLAR MASS ACCRETION
T TAURI STARS

STAR FORMATION RATE

RT GALACTIC EVOLUTION
GALAXIES
STAR FORMATION
STARBURST GALAXIES
STELLAR EVOLUTION

STAR TRACKERS

UF STAR TRACKING
GS TRACKING (POSITION)
... **STAR TRACKERS**
... CCD STAR TRACKER
RT ASTROGUIDE NAVIGATION SYSTEM
ASTROLABES
ATTITUDE CONTROL
CELESTIAL NAVIGATION
CHARGE INJECTION DEVICES
FLIGHT INSTRUMENTS
GUIDANCE SENSORS
INERTIAL NAVIGATION
MISSILE CONTROL
NAVIGATION
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
SOLAR SENSORS
SPACECRAFT GUIDANCE

STAR TRACKING

USE STAR TRACKERS

STARBURST GALAXIES

GS CELESTIAL BODIES
... GALAXIES
... **STARBURST GALAXIES**
RT GALACTIC NUCLEI
STAR FORMATION
STAR FORMATION RATE

STARCHES

GS ORGANIC COMPOUNDS
... CARBOHYDRATES
... POLYSACCHARIDES
... **STARCHES**

STARCHES--(cont.)

RT CHITIN
... FOOD
... SIZING MATERIALS

STARFIGHTER AIRCRAFT

USE F-104 AIRCRAFT

STARK EFFECT

RT ... EFFECTS
ELECTRIC FIELDS
ELECTRO-OPTICS
HYDROGEN PLASMA
LINE SPECTRA
RESOLUTION
SPECTRUM ANALYSIS
ZEEMAN EFFECT

STARLAB

UF SPACELAB UV-OPTICAL TELESCOPE
FACILITY
GS TELESCOPES
... SPACEBORNE TELESCOPES
... **STARLAB**
... ULTRAVIOLET TELESCOPES
... **STARLAB**
RT ... OPTICS
SPACE SHUTTLE PAYLOADS
SPACELAB

STARLIFTER AIRCRAFT

USE C-141 AIRCRAFT

STARPROBE MISSION

GS PROGRAMS
... NASA PROGRAMS
... NASA SPACE PROGRAMS
... **STARPROBE MISSION**
... SPACE PROGRAMS
... NASA SPACE PROGRAMS
... **STARPROBE MISSION**
... SPACE MISSIONS
... **STARPROBE MISSION**
RT STARPROBE SPACECRAFT

STARPROBE SPACECRAFT

GS UNMANNED SPACECRAFT
... SPACE PROBES
... SOLAR PROBES
... **STARPROBE SPACECRAFT**
RT STARPROBE MISSION

STARQUAKES

RT GAMMA RAY BURSTS
NEUTRON STARS
PULSARS
STARS
STELLAR ACTIVITY
STELLAR PHYSICS
STELLAR ROTATION
STELLAR STRUCTURE

STARS

GS CELESTIAL BODIES
... **STARS**
... BLACK HOLES (ASTRONOMY)
... BROWN DWARF STARS
... DOUBLE STARS
... BINARY STARS
... CATAclysmic VARIABLES
... COMPANION STARS
... NEMESIS (STAR)
... ECLIPSING BINARY STARS
... DWARF NOVAE
... LAMBDA TAURI STARS
... ZETA AURIGAE STAR
... SIGMA ORIONIS
... SYMBIOTIC STARS
... X RAY BINARIES
... EARLY STARS
... HOT STARS
... A STARS
... B STARS
... SIGMA ORIONIS
... BLUE STARS
... O STARS
... WHITE DWARF STARS
... WOLF-RAYET STARS
... F STARS
... G STARS
... SUN
... GIANT STARS
... ASYMPTOTIC GIANT BRANCH
... STARS
... OMICRON CETI STAR

STARS--(cont.)

... RED GIANT STARS
... CARBON STARS
... HORIZONTAL BRANCH STARS
... INFRARED STARS
... LATE STARS
... COOL STARS
... CARBON STARS
... FLARE STARS
... K STARS
... M STARS
... VAN BIESBROECK STAR
... MIRA VARIABLES
... OMICRON CETI STAR
... S STARS
... MAGNETIC STARS
... MAIN SEQUENCE STARS
... DWARF STARS
... DWARF NOVAE
... FLARE STARS
... RED DWARF STARS
... SUN
... MASSIVE STARS
... METALLIC STARS
... NEUTRON STARS
... PULSARS
... PECULIAR STARS
... SHELL STARS
... SIGMA ORIONIS
... SYMBIOTIC STARS
... PRAESEPE STAR CLUSTERS
... PROTOSTARS
... PRE-MAIN SEQUENCE STARS
... T TAURI STARS
... RADIO STARS
... PULSARS
... REFERENCE STARS
... SUBDWARF STARS
... SUBGIANT STARS
... SUPERGIANT STARS
... R CORONAE BOREALIS STARS
... SUPERMASSIVE STARS
... TRIPLE STARS
... VARIABLE STARS
... CATAclysmic VARIABLES
... CEPHEID VARIABLES
... FLARE STARS
... IRREGULAR VARIABLE STARS
... R CORONAE BOREALIS STARS
... LAMBDA TAURI STARS
... MIRA VARIABLES
... OMICRON CETI STAR
... NOVAE
... DWARF NOVAE
... HERCULES NOVA
... SEMIREGULAR VARIABLE STARS
... SUPERNOVAE
... SUPERNOVA 1987A
... SYMBIOTIC STARS
... T TAURI STARS
... WHITE HOLES (ASTRONOMY)
... X RAY STARS
... X RAY BINARIES
RT ARIES CONSTELLATION
ASTROLABES
BARRED GALAXIES
CASSIOPEIA CONSTELLATION
CELESTIAL MECHANICS
CENTAURUS CONSTELLATION
CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
FAINT OBJECTS
GALAXIES
IRREGULAR GALAXIES
LYRA CONSTELLATION
MAGELLANIC CLOUDS
METALLICITY
MILKY WAY GALAXY
QUASARS
SOLAR NEIGHBORHOOD
STAR CLUSTERS
STAR FORMATION
STARQUAKES
STARSPOTS
STELLAR ACTIVITY
STELLAR COMPOSITION
STELLAR CORES
STELLAR GRAVITATION
STELLAR INTERIORS
STELLAR MAGNITUDE
STELLAR OSCILLATIONS
VIRGO GALACTIC CLUSTER

STARS (MATHEMATICS)

RT ... MATHEMATICS

STARSAT TELESCOPE

- GS TELESCOPES
 - . REFLECTING TELESCOPES
 - . . STARSAT TELESCOPE
 - . SPACEBORNE TELESCOPES
 - . . STARSAT TELESCOPE
- RT CORONAGRAPHS
 - . SPACEBORNE ASTRONOMY
 - . SPECTROHELIOGRAPHS
 - . ULTRAVIOLET ASTRONOMY

STARSITE PROGRAM

- GS PROGRAMS
 - . STARSITE PROGRAM
- RT ARCHITECTURE
 - . BUILDINGS
 - . COMMUNITIES
 - . CONFERENCES
 - . CONSTRUCTION
 - . DECISION MAKING
 - ∞ DEVELOPMENT
 - . ENVIRONMENTAL ENGINEERING
 - . INFORMATION RETRIEVAL
 - . LAND USE
 - . MANAGEMENT METHODS
 - . NASA PROGRAMS
 - . PLANNING
 - . RECREATION
 - . SHELTERS
 - . SOCIAL FACTORS
 - . TECHNOLOGY TRANSFER
 - . URBAN DEVELOPMENT
 - . URBAN PLANNING

STARSPOTS

- GS STELLAR ACTIVITY
 - . STARSPTS
 - . . SUNSPOTS
- RT FACULAE
 - . MAGNETIC DISTURBANCES
 - . PHOTOSPHERE
 - . SOLAR ACTIVITY
 - . STARS
 - . STELLAR ATMOSPHERES
 - . STELLAR LUMINOSITY
 - . STELLAR MAGNETIC FIELDS
 - . STELLAR RADIATION
 - . SUNSPOT CYCLE
 - . TWENTY-SEVEN DAY VARIATION

STARTERS

- GS STARTERS
 - . ENGINE STARTERS
- RT ACTUATORS
 - . IGNITION SYSTEMS
 - . SQUIBS
 - . STARTING

STARTING

- GS STARTING
 - . AIR START
- RT ACTIVATION
 - . ACTUATION
 - . CYCLES
 - . ELECTRIC IGNITION
 - . ENGINE PRIMERS
 - . EXCITATION
 - . FIRING (IGNITING)
 - . IGNITION
 - . INITIATION
 - . LAUNCHING
 - ∞ PRIMING
 - . REACTOR STARTUP TESTS
 - . STARTERS
 - . STIMULATION

STATE EQUATIONS

- USE EQUATIONS OF STATE

STATE ESTIMATION

- RT ALGORITHMS
 - . KALMAN FILTERS
 - . LINEAR SYSTEMS
 - . ORBITAL POSITION ESTIMATION
 - . STATE VECTORS
 - . STOCHASTIC PROCESSES

STATE VECTORS

- GS ALGEBRA
 - . VECTOR SPACES
 - . . VECTORS (MATHEMATICS)
 - . . . STATE VECTORS
- RT OBSERVABILITY (SYSTEMS)
 - . PHASE-SPACE INTEGRAL
 - . STATE ESTIMATION

STATE VECTORS--(cont.)

- . STEADY STATE
- . STRANGE ATTRACTORS

STATIC AERODYNAMIC CHARACTERISTICS

- GS AERODYNAMIC CHARACTERISTICS
 - . STATIC AERODYNAMIC CHARACTERISTICS
 - . . STATIC CHARACTERISTICS
 - . . . STATIC AERODYNAMIC CHARACTERISTICS
- RT AERODYNAMIC BALANCE
 - . AERODYNAMIC STABILITY
 - . ∞ CHARACTERISTICS

STATIC ALTERNATORS

- GS ELECTRIC GENERATORS
 - . AC GENERATORS
 - . . STATIC ALTERNATORS

STATIC CHARACTERISTICS

- SN (EXCLUDES STATICS)
- GS STATIC CHARACTERISTICS
 - . STATIC AERODYNAMIC CHARACTERISTICS
- RT STATIC LOADS
 - . STATIC STABILITY
 - . STATIC TESTS

STATIC DEFORMATION

- GS DEFORMATION
 - . STATIC DEFORMATION
- RT CREEP PROPERTIES
 - . MAXWELL-MOHR METHOD
 - . SAINT VENANT PRINCIPLE

STATIC DISCHARGERS

- UF ANTISTATIC DEVICES
- GS DISCHARGERS
 - . STATIC DISCHARGERS

STATIC ELECTRICITY

- GS ELECTRICITY
 - . STATIC ELECTRICITY
- RT ATMOSPHERIC ELECTRICITY
 - . ATMOSPHERICS
 - . ELECTRIC CORONA
 - . ELECTRIC FIELDS
 - . ELECTRIC POTENTIAL
 - . ELECTRIC SPARKS
 - . ELECTROSTATIC CHARGE
 - . ELECTROSTATICS
 - . LIGHTNING
 - . OPEN CIRCUIT VOLTAGE
 - . SPACE CHARGE

STATIC FIRING

- GS CAPTIVE TESTS
 - . STATIC TESTS
 - . . STATIC FIRING
- ENGINE TESTS
 - . STATIC FIRING
 - . FIRING (IGNITING)
 - . . TEST FIRING
 - . . . STATIC FIRING
 - GROUND TESTS
 - PRELAUNCH TESTS
 - STATIC FIRING
- RT ROCKET FIRING

STATIC FRICTION

- GS FRICTION
 - . STATIC FRICTION
- RT COEFFICIENT OF FRICTION
 - . DRY FRICTION
 - . FRICTION MEASUREMENT
 - . KINETIC FRICTION
 - . SLIDING
 - . SLIDING FRICTION

STATIC INVERTERS

- GS INVERTERS
 - . STATIC INVERTERS
- RT ELECTRIC GENERATORS

STATIC LOADS

- UF DEADWEIGHT
- GS LOADS (FORCES)
 - . STATIC LOADS
- RT AERODYNAMIC LOADS
 - . AXIAL COMPRESSION LOADS
 - . AXIAL LOADS
 - . BALLAST (MASS)
 - . BENDING MOMENTS

STATIC LOADS--(cont.)

- . COMPRESSION LOADS
- . CRITICAL LOADING
- . DYNAMIC LOADS
- . EDGE LOADING
- . LOADING MOMENTS
- . MASS DISTRIBUTION
- . MOMENT DISTRIBUTION
- . PRESSURE DISTRIBUTION
- . RANDOM LOADS
- . SAINT VENANT PRINCIPLE
- . STATIC CHARACTERISTICS
- . STRUCTURAL DESIGN CRITERIA
- . TRANSVERSE LOADS
- . WING LOADING

STATIC MODELS

- GS MODELS
 - . STATIC MODELS
- RT APPROXIMATION
 - . DYNAMIC MODELS
 - . OPTIMIZATION

STATIC PRESSURE

- GS PRESSURE
 - . STATIC PRESSURE
 - . . HYDROSTATIC PRESSURE
- RT ISOSTATIC PRESSURE
 - . PITOT TUBES
 - . SOUND PRESSURE

STATIC STABILITY

- GS STABILITY
 - . STATIC STABILITY
 - . . DIMENSIONAL STABILITY
 - . . . STRUCTURAL STABILITY
 - SHELL STABILITY
- RT AIRCRAFT STABILITY
 - . COUNTERBALANCES
 - . DRIFT (INSTRUMENTATION)
 - . DYNAMIC STABILITY
 - . MAGNETOHYDROSTATICS
 - . STATIC CHARACTERISTICS
 - . STORAGE STABILITY
 - . STRATIFICATION
 - . SURFACE STABILITY

STATIC TESTS

- SN (ENCOMPASSES MATERIALS, ENGINE, AND VEHICLE TESTS)
- GS CAPTIVE TESTS
 - . STATIC TESTS
 - . . STATIC FIRING
- RT COLD FLOW TESTS
 - . COMPRESSION TESTS
 - . CREEP TESTS
 - . DYNAMIC TESTS
 - . ENGINE TESTS
 - . FATIGUE TESTS
 - . GROUND TESTS
 - . HARDNESS TESTS
 - . INSPECTION
 - . LOAD TESTS
 - ∞ MATERIALS TESTS
 - . MISSILE TESTS
 - . NONDESTRUCTIVE TESTS
 - . PREFIRING TESTS
 - . PRELAUNCH TESTS
 - . QUALITY CONTROL
 - . RESONANCE TESTING
 - . STATIC CHARACTERISTICS
 - . TENSILE TESTS
 - . TEST FIRING
 - ∞ TESTS
 - . VIBRATION TESTS
 - . WEAR TESTS

STATIC THRUST

- GS THRUST
 - . STATIC THRUST
- RT JET THRUST
 - . ROCKET THRUST

STATICS

- GS STATICS
 - . AEROSTATICS
 - . ELECTROSTATICS
 - . HYDROSTATICS
 - . . MAGNETOHYDROSTATICS
- RT ∞ DYNAMICS
 - . ELASTOSTATICS
 - . ∞ EQUILIBRIUM
 - . FLUID MECHANICS
 - . ∞ MECHANICS (PHYSICS)

STATIONARY ORBITS

- GS ORBITS
 - . CIRCULAR ORBITS
 - . . . STATIONARY ORBITS
 - . EQUATORIAL ORBITS
 - . . . STATIONARY ORBITS
 - . SPACECRAFT ORBITS
 - . SATELLITE ORBITS
 - . . . STATIONARY ORBITS
- RT EARTH ORBITS
 - . GEOSYNCHRONOUS ORBITS
 - . SYNCHRONOUS SATELLITES
 - . TWENTY-FOUR HOUR ORBITS

STATIONKEEPING

- RT GUIDANCE (MOTION)
- . NAVIGATION
- . ORBITAL MECHANICS
- . ORBITS
- . PAYLOAD RETRIEVAL (STS)
- . POSITIONING
- . SPACECRAFT CONTROL

STATIONS

- GS STATIONS
 - . CREW WORKSTATIONS
 - . CREW EXPERIMENT STATIONS
 - . CREW OBSERVATION STATIONS
 - . GROUND STATIONS
 - . DEEP SPACE INSTRUMENTATION FACILITY
 - . EARTH TERMINALS
 - . INTEGRATED MISSION CONTROL CENTER
 - . POLYSTATION DOPPLER TRACKING SYSTEM
 - . SPACE DETECTION AND TRACKING SYSTEM
 - . STDN (NETWORK)
 - . HYDROELECTRIC POWER STATIONS
 - . PAYLOAD STATIONS
 - . SPACE STATIONS
 - . COLUMBUS SPACE STATION
 - . HALO ORBIT SPACE STATION
 - . MAN TENDED FREE FLYERS
 - . MIR SPACE STATION
 - . ORBITING LUNAR STATIONS
 - . SALYUT SPACE STATION
 - . SKYLAB 1
 - . SKYLAB 2
 - . SKYLAB 3
 - . SKYLAB 4
 - . SPACE OPERATIONS CENTER (NASA)
 - . SPACE STATION FREEDOM
 - . SPACE STATION POLAR PLATFORMS
 - . TRACKING STATIONS
 - . DEEP SPACE INSTRUMENTATION FACILITY
 - . GLOBAL TRACKING NETWORK
 - . POLYSTATION DOPPLER TRACKING SYSTEM
 - . SPACE DETECTION AND TRACKING SYSTEM
 - . STDN (NETWORK)
 - . WEATHER STATIONS
 - . AUTOMATIC WEATHER STATIONS
 - . WORKSTATIONS
- RT
 - . BASES
 - . FACILITIES
 - . LUNAR BASES
 - . MILITARY AIR FACILITIES
 - . PLANETARY BASES
 - . POSITION (LOCATION)
 - . SPACE BASES
 - . SPACE FLIGHT TRACKING AND DATA NETWORK

STATISTICAL ANALYSIS

- GS STATISTICAL ANALYSIS
 - . AMPLITUDE DISTRIBUTION ANALYSIS
 - . CORRELATION COEFFICIENTS
 - . DISCRIMINANT ANALYSIS (STATISTICS)
 - . FACTOR ANALYSIS
 - . GOODNESS OF FIT
 - . LIKELIHOOD RATIO
 - . MAXWELL-BOLTZMANN DENSITY FUNCTION
 - . NONPARAMETRIC STATISTICS
 - . POISSON DENSITY FUNCTIONS
 - . PROBABILITY DENSITY FUNCTIONS
 - . NORMAL DENSITY FUNCTIONS
 - . PEARSON DISTRIBUTIONS
 - . RAYLEIGH DISTRIBUTION
 - . WEIBULL DENSITY FUNCTIONS

STATISTICAL ANALYSIS--(cont.)

- . PROBABILITY DISTRIBUTION FUNCTIONS
- . QUANTILES
- . SEQUENTIAL ANALYSIS
- . STANDARD DEVIATION
- . STATISTICAL CORRELATION
- . STATISTICAL DECISION THEORY
- . STATISTICAL TESTS
 - . . . KOLMOGOROV-SMIRNOV TEST
 - . . . MANN-WHITNEY-WILCOXON U TEST
 - . . . RANK TESTS
 - . . . VARIANCE (STATISTICS)
 - . . . ANALYSIS OF VARIANCE
 - . . . MULTIVARIATE STATISTICAL ANALYSIS
 - . . . BIVARIATE ANALYSIS
 - . . . COVARIANCE
 - . . . REGRESSION ANALYSIS
- RT
 - . ANALYZING
 - . APPLICATIONS OF MATHEMATICS
 - . APPROXIMATION
 - . AUTOREGRESSIVE PROCESSES
 - . BINOMIAL THEOREM
 - . BIOMETRICS
 - . CENSORED DATA (MATHEMATICS)
 - . CHARTS
 - . CHEBYSHEV APPROXIMATION
 - . CLUSTER ANALYSIS
 - . COEFFICIENTS
 - . CONFIDENCE
 - . CONFIDENCE LIMITS
 - . CONTINUITY (MATHEMATICS)
 - . CORRELATION
 - . DATA
 - . DATA CORRELATION
 - . DECISION THEORY
 - . DISCRETE FUNCTIONS
 - . DISPERSION
 - . ECONOMICS
 - . ESTIMATES
 - . ESTIMATING
 - . EVENTS
 - . EXPECTANCY HYPOTHESIS
 - . EXPERIMENT DESIGN
 - . EXPONENTIAL FUNCTIONS
 - . EXTRAPOLATION
 - . FACTORIAL DESIGN
 - . FAILURE ANALYSIS
 - . FORECASTING
 - . GAME THEORY
 - . GAUSS-MARKOV THEOREM
 - . GRAPHS (CHARTS)
 - . INFORMATION THEORY
 - . INSPECTION
 - . INTERPOLATION
 - . LINEAR PREDICTION
 - . MANAGEMENT
 - . MATHEMATICS
 - . MAXIMUM ENTROPY METHOD
 - . MEAN
 - . MEDIAN (STATISTICS)
 - . MILLS RATIO
 - . MINIMUM VARIANCE ORBIT
 - . DETERMINATION
 - . MONTE CARLO METHOD
 - . MTBF
 - . OPERATIONS RESEARCH
 - . OUTLIERS (STATISTICS)
 - . PARAMETER IDENTIFICATION
 - . PROBABILITY THEORY
 - . QUALITY CONTROL
 - . QUANTILES
 - . QUEUEING THEORY
 - . RANDOM PROCESSES
 - . RELIABILITY
 - . ROOT-MEAN-SQUARE ERRORS
 - . SAMPLING
 - . STATISTICS
 - . STOCHASTIC PROCESSES
 - . SYSTEM IDENTIFICATION
 - . SYSTEMS ANALYSIS
 - . SYSTEMS ENGINEERING
 - . TABLES (DATA)
 - . TELECONNECTIONS (METEOROLOGY)
 - . TRAVELING SALESMAN PROBLEM
 - . TREND ANALYSIS
 - . WIENER FILTERING
 - . YANG-MILLS THEORY

STATISTICAL COMMUNICATION THEORY

- USE COMMUNICATION THEORY

STATISTICAL CORRELATION

- GS CORRELATION

STATISTICAL CORRELATION--(cont.)

- . STATISTICAL CORRELATION
- STATISTICAL ANALYSIS
- . STATISTICAL CORRELATION
- RT CORRELATION COEFFICIENTS
- . DATA CORRELATION
- . ECONOMETRICS
- . EVALUATION
- . QUALITY CONTROL
- . STATISTICS
- . TELECONNECTIONS (METEOROLOGY)

STATISTICAL DECISION THEORY

- GS DECISION THEORY
 - . STATISTICAL DECISION THEORY
 - . STATISTICAL ANALYSIS
- RT STATISTICAL DECISION THEORY
- . GAME THEORY
- . THEORIES

STATISTICAL DISTRIBUTIONS

- UF RANDOM DISTRIBUTIONS
- GS STATISTICAL DISTRIBUTIONS
 - . BRIGHTNESS DISTRIBUTION
 - . PEARSON DISTRIBUTIONS
 - . PROBABILITY DISTRIBUTION FUNCTIONS
 - . RAYLEIGH DISTRIBUTION
 - . BINOMIAL THEOREM
 - . CENSORED DATA (MATHEMATICS)
 - . COMPLEXITY
 - . CURVE FITTING
- RT
 - . DISTRIBUTION
 - . DISTRIBUTION (PROPERTY)
 - . DISTRIBUTION FUNCTIONS
 - . DISTRIBUTION MOMENTS
 - . ERROR FUNCTIONS
 - . EVENTS
 - . EXPECTANCY HYPOTHESIS
 - . FORECASTING
 - . GAMMA FUNCTION
 - . GOODNESS OF FIT
 - . KOLMOGOROV-SMIRNOV TEST
 - . KURTOSIS
 - . MATHEMATICAL MODELS
 - . OUTLIERS (STATISTICS)
 - . PROBABILITY THEORY
 - . QUALITY CONTROL
 - . QUANTILES
 - . QUANTUM THEORY
 - . QUANTILES
 - . RELIABILITY
 - . SCATTERING
 - . SIZE DISTRIBUTION

STATISTICAL MECHANICS

- RT BOLTZMANN DISTRIBUTION
- . BOLTZMANN TRANSPORT EQUATION
- . CLASSICAL MECHANICS
- . CLOSURE LAW
- . CONTINUUM MECHANICS
- . ENERGY DISTRIBUTION
- . FLUCTUATION THEORY
- . FUNCTION SPACE
- . ISING MODEL
- . LIOUVILLE EQUATIONS
- . MACROSCOPIC EQUATIONS
- . MALKUS THEORY
- . MANY BODY PROBLEM
- . MAXWELL-BOLTZMANN DENSITY FUNCTION
- . MECHANICS (PHYSICS)
 - . . . ONSAGER PHENOMENOLOGICAL COEFFICIENT
 - . . . QUANTUM MECHANICS
 - . . . QUANTUM THEORY
 - . . . RENORMALIZATION GROUP METHODS
 - . . . THERMODYNAMIC EQUILIBRIUM
 - . . . WEIGHTING FUNCTIONS

STATISTICAL MOMENTS

- USE DISTRIBUTION MOMENTS

STATISTICAL PROBABILITY

- USE PROBABILITY THEORY

STATISTICAL TESTS

- UF BRUCETON TEST
- GS STATISTICAL ANALYSIS
 - . STATISTICAL TESTS
 - . . . KOLMOGOROV-SMIRNOV TEST
 - . . . MANN-WHITNEY-WILCOXON U TEST
 - . . . RANK TESTS
- RT CHARTS
- . CONFIDENCE LIMITS

STATISTICAL TESTS--(cont.)

∞ CURVE FITTING
DATA
ESTIMATES
ESTIMATING
FACTOR ANALYSIS
GOODNESS OF FIT
HETEROGENEITY
HOMOGENEITY
LIKELIHOOD RATIO
NORMALITY
NULL HYPOTHESIS
OUTLIERS (STATISTICS)
QUALITY CONTROL
RANGE (EXTREMES)
REGRESSION ANALYSIS
RELIABILITY
SIGNIFICANCE
∞ TESTS
VALIDITY

STATISTICAL WEATHER FORECASTING

GS FORECASTING
WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING
METEOROLOGY
WEATHER FORECASTING
STATISTICAL WEATHER
FORECASTING
RT LONG RANGE WEATHER FORECASTING
NUMERICAL WEATHER FORECASTING

∞ STATISTICS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ARRAYS
BIOMETRICS
CENSUS
∞ DATA
DEMOGRAPHY
ENTROPY (STATISTICS)
ESTIMATES
ESTIMATING
FERMI-DIRAC STATISTICS
INFORMATION THEORY
NONPARAMETRIC STATISTICS
POPULATIONS
PROBABILITY THEORY
QUANTILES
QUANTUM STATISTICS
RANDOM VARIABLES
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
STOCHASTIC PROCESSES
SURVEYS
SYSTEMS ENGINEERING
TABLES (DATA)
TIME SERIES ANALYSIS

STATOR BLADES

GS TURBOMACHINE BLADES
STATOR BLADES
RT ∞ BLADES
COMPRESSOR BLADES
ROTOR BLADES (TURBOMACHINERY)
STATORS
TURBINE BLADES
VANES

STATORS

RT COMPRESSORS
ELECTRIC MOTORS
∞ GENERATORS
IMPELLERS
MOTORS
PUMPS
∞ ROTATING ELECTRICAL MACHINES
ROTORS
STATOR BLADES
TURBINES

STAYS

USE GUY WIRES

STDN (NETWORK)

UF SATELLITE TRACKING AND DATA ACQ
NETWORK
SPACECRAFT TRACKING AND DATA
NETWORK
STADAN (SATELLITE TRACKING
NETWORK)

STDN (NETWORK)--(cont.)

GS STATIONS
GROUND STATIONS
STDN (NETWORK)
TRACKING STATIONS
STDN (NETWORK)
TRACKING NETWORKS
STDN (NETWORK)
RT DATA ACQUISITION
GLOBAL TRACKING NETWORK
MINITRACK SYSTEM
OPTICAL TRACKING
RANGE AND RANGE RATE TRACKING
SATELLITE TRACKING
SPACE DETECTION AND TRACKING
SYSTEM
SPACE FLIGHT TRACKING AND DATA
NETWORK

STEADY FLOW

GS FLUID FLOW
STEADY FLOW
COUETTE FLOW
HARTMANN FLOW
RT BELTRAMI FLOW
CONTINUITY EQUATION
CRITICAL FLOW
CROCCO METHOD
EQUILIBRIUM FLOW
∞ FLOW
FLOW CHARACTERISTICS
FLOW GEOMETRY
FLOW STABILITY
GAS FLOW
HEAT TRANSMISSION
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
LIQUID FLOW
LOW TURBULENCE
MASS FLOW
METHOD OF CHARACTERISTICS
MULTIPHASE FLOW
NONNEWTONIAN FLOW
ORIFICE FLOW
PARALLEL FLOW
PIPE FLOW
PRESSURE GRADIENTS
QUASI-STEADY STATES
SINGLE-PHASE FLOW
SOLIDS FLOW
STEAM FLOW
STOKES FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
TURBULENT FLOW
TWO DIMENSIONAL FLOW
UNIFORM FLOW
UNSTEADY FLOW

STEADY STATE

RT ∞ EQUILIBRIUM
FLUID DYNAMICS
METASTABLE STATE
STABILITY
STATE VECTORS
UNSTEADY FLOW
UNSTEADY STATE

STEADY STATE CREEP

GS MECHANICAL PROPERTIES
CREEP PROPERTIES
STEADY STATE CREEP
RT PLASTIC FLOW
QUASI-STEADY STATES

STEADY STATE FLOW

USE EQUILIBRIUM FLOW

STEALTH BOMBER

USE B-2 AIRCRAFT

STEAM

RT BOILERS
FOG
SUPERHEATING
THERMODYNAMICS
WATER
WATER VAPOR

STEAM FLOW

GS FLUID FLOW
STEAM FLOW
RT CRITICAL FLOW
GAS FLOW

STEAM FLOW--(cont.)

LAMINAR FLOW
MASS FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PIPELINES
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

STEAM GENERATORS

USE BOILERS

STEAM TURBINES

GS TURBOMACHINERY
TURBINES
STEAM TURBINES
RT AXIAL FLOW TURBINES
COMBINED CYCLE POWER GENERATION
GAS TURBINE ENGINES
GAS TURBINES
TURBOGENERATORS
TWO STAGE TURBINES

STEARATES

GS ESTERS
STEARATES
RT SOAPS

STEARTHERMOPHILUS

GS MICROORGANISMS
BACTERIA
BACILLUS
STEARTHERMOPHILUS

STEATITE

USE TALC

STEEL STRUCTURES

GS WELDED STRUCTURES
STEEL STRUCTURES
RT COMPOSITE STRUCTURES
CONSTRUCTION
RIGID STRUCTURES
STRUCTURES

STEELS

GS ALLOYS
IRON ALLOYS
STEELS
BAINITIC STEEL
CARBON STEELS
LOW CARBON STEELS
CHROMIUM STEELS
CROLOY
HIGH STRENGTH STEELS
MARAGING STEELS
NICKEL STEELS
STAINLESS STEELS
AUSTENITIC STAINLESS STEELS
FERRITIC STAINLESS STEELS
MARTENSITIC STAINLESS STEELS
RT AUSTENITE
BAINITE
CEMENTITE
FERRITES
HYDROGEN EMBRITTLEMENT
MARTENSITE
PEARLITE

STEEP GRADIENT AIRCRAFT

USE V/STOL AIRCRAFT

STEEPEST ASCENT METHOD

USE STEEPEST DESCENT METHOD

STEEPEST DESCENT METHOD

UF STEEPEST ASCENT METHOD
RT CALCULUS OF VARIATIONS
DYNAMIC PROGRAMMING
METHODOLOGY
MINIMA
OPTIMIZATION
PARAMETER IDENTIFICATION
SYSTEM IDENTIFICATION

STEEPNESS

USE SLOPES

STEERABLE ANTENNAS

- GS ANTENNAS
 - . DIRECTIONAL ANTENNAS
 - . . . **STEERABLE ANTENNAS**
 - INERTIALESS STEERABLE ANTENNAS
 - ARRAYS
 - . ANTENNA ARRAYS
 - . . . **STEERABLE ANTENNAS**
 - INERTIALESS STEERABLE ANTENNAS
 - RT PHASED ARRAYS
 - . RADAR ANTENNAS
- STEERING**
- RT ∞CONTROL
 - . CONTROL ROCKETS
 - . CONTROLLABILITY
 - . ELECTRON OPTICS
 - ∞FLIGHT
 - . FOCUSING
 - . SUSPENSION SYSTEMS (VEHICLES)

STEERING ROCKETS

- USE CONTROL ROCKETS

STEFAN-BOLTZMANN LAW

- GS LAWS
 - . RADIATION LAWS
 - . . . **STEFAN-BOLTZMANN LAW**
- RT ELECTROMAGNETIC RADIATION
 - . EMISSIVITY
 - . FLUX (RATE)
 - . HEAT RADIATORS
 - . KIRCHHOFF LAW OF RADIATION
 - . RADIATIVE HEAT TRANSFER

STELLAR (STAR TRACKER)

- USE CCD STAR TRACKER

STELLAR ACTIVITY

- GS **STELLAR ACTIVITY**
 - . SOLAR ACTIVITY
 - . . . FACULAE
 - . . . SOLAR FLARES
 - . . . SOLAR PROMINENCES
 - . . . SOLAR STORMS
 - . . . SPICULES
 - . . . SUNSPOTS
 - . . . STARSPOTS
 - . . . SUNSPOTS
 - . . . STELLAR FLARES
 - . . . SOLAR FLARES
- RT FLARE STARS
 - ∞FLARES
 - . MAGNETIC DISTURBANCES
 - . MAGNETOHYDRODYNAMICS
 - . PHOTOSPHERE
 - . STARQUAKES
 - . STARS
 - . STELLAR CONVECTION
 - . STELLAR INTERIORS
 - . STELLAR LUMINOSITY
 - . STELLAR MAGNETIC FIELDS
 - . STELLAR MASS EJECTION
 - . STELLAR OSCILLATIONS
 - . STELLAR PHYSICS
 - . STELLAR RADIATION
 - . SUNSPOT CYCLE

STELLAR ATMOSPHERES

- GS ENVIRONMENTS
 - . EXTRATERRESTRIAL ENVIRONMENTS
 - . . . **STELLAR ATMOSPHERES**
 - . . . CHROMOSPHERE
 - . . . SOLAR ATMOSPHERE
 - SOLAR TRANSITION REGION
- RT ∞ATMOSPHERES
 - . COOL STARS
 - . LIMB BRIGHTENING
 - . LIMB DARKENING
 - . LOCAL THERMODYNAMIC EQUILIBRIUM
 - . METALLIC STARS
 - . PULSAR MAGNETOSPHERES
 - . RADIATIVE TRANSFER
 - . SATELLITE ATMOSPHERES
 - . STARSPOTS
 - . STELLAR CONVECTION
 - . STELLAR CORONAS
 - . STELLAR INTERIORS
 - . STELLAR MAGNETOSPHERES

STELLAR COLOR

- RT COLOR-COLOR DIAGRAM
 - . COLOR-MAGNITUDE DIAGRAM

STELLAR COLOR--(cont.)

- . STELLAR LUMINOSITY
- . STELLAR MAGNITUDE
- . STELLAR SPECTRA
- . STELLAR SPECTROPHOTOMETRY

STELLAR COMPOSITION

- GS COMPOSITION (PROPERTY)
 - . CHEMICAL COMPOSITION
 - . . . **STELLAR COMPOSITION**
- RT ABUNDANCE
 - . B STARS
 - . CARBON STARS
 - . STARS
 - . STELLAR MODELS
 - . STELLAR PHYSICS
 - . STELLAR STRUCTURE

STELLAR CONVECTION

- GS CONVECTION
 - . . . **STELLAR CONVECTION**
 - SOLAR CONVECTION (ASTRONOMY)
- RT BENARD CELLS
 - . CONVECTION CURRENTS
 - . CONVECTIVE FLOW
 - . DYNAMO THEORY
 - . FLUID FLOW
 - . FREE CONVECTION
 - . RAYLEIGH-BENARD CONVECTION
 - . STELLAR ACTIVITY
 - . STELLAR ATMOSPHERES
 - . STELLAR INTERIORS
 - . STELLAR MAGNETIC FIELDS
 - . STELLAR PHYSICS

STELLAR CORES

- GS CORES
 - . . . **STELLAR CORES**
 - . STELLAR INTERIORS
 - . . . **STELLAR CORES**
- RT ASTROPHYSICS
 - . DEGENERATE MATTER
 - . GRAVITATIONAL COLLAPSE
 - . PLANETARY CORES
 - . SOLAR INTERIOR
 - . STARS
 - . STELLAR CORONAS
 - . STELLAR STRUCTURE

STELLAR CORONAS

- GS CORONAS
 - . . . **STELLAR CORONAS**
 - SOLAR CORONA
 - CORONAL HOLES
 - CORONAL LOOPS
- RT IONIZATION
 - . ORION NEBULA
 - . STELLAR ATMOSPHERES
 - . STELLAR CORES

STELLAR DOPPLER SHIFT

- USE DOPPLER EFFECT

STELLAR ENVELOPES

- UF CIRCUMSTELLAR MATTER
- RT ASTROPHYSICS
 - . COOL STARS
 - ∞ENVELOPES
 - . INTERSTELLAR MATTER
 - . R CORONAE BOREALIS STARS
 - . SHELL STARS
 - . STELLAR MASS ACCRETION
 - . STELLAR MASS EJECTION
 - . STELLAR STRUCTURE
 - . SYMBIOTIC STARS
 - . WOLF-RAYET STARS

STELLAR EVOLUTION

- GS EVOLUTION (DEVELOPMENT)
 - . . . **STELLAR EVOLUTION**
 - STAR FORMATION
 - STELLAR MASS ACCRETION
- RT ASTROPHYSICS
 - . ASYMPTOTIC GIANT BRANCH STARS
 - . BROWN DWARF STARS
 - . COLOR-MAGNITUDE DIAGRAM
 - . COSMOLOGY
 - . DEGENERATE MATTER
 - . GALACTIC EVOLUTION
 - . HERTZSPRUNG-RUSSELL DIAGRAM
 - . HORIZONTAL BRANCH STARS
 - . INTERSTELLAR EXTINCTION
 - . LATE STARS
 - . MAIN SEQUENCE STARS
 - . NEUTRAL CURRENTS

STELLAR EVOLUTION--(cont.)

- . PLANETARY EVOLUTION
- . PRE-MAIN SEQUENCE STARS
- . PROTOPLANETS
- . PROTOSTARS
- . RED GIANT STARS
- . SOLAR SYSTEM EVOLUTION
- . STAR FORMATION RATE
- . STELLAR INTERIORS
- . STELLAR PHYSICS
- . SUBGIANT STARS

STELLAR FIELDS

- USE STAR DISTRIBUTION

STELLAR FLARES

- GS STELLAR ACTIVITY
 - . . . **STELLAR FLARES**
 - SOLAR FLARES
- RT CATAclysmic VARIABLES
 - . FLARE STARS
 - ∞FLARES
 - . STELLAR LUMINOSITY
 - . STELLAR PHYSICS
 - . STELLAR RADIATION

STELLAR GRAVITATION

- GS GRAVITATION
 - . . . **STELLAR GRAVITATION**
 - SOLAR GRAVITATION
- RT GRAVITATIONAL FIELDS
 - . GRAVITATIONAL LENSES
 - . STARS
 - . STELLAR MASS
 - . STELLAR SYSTEMS

STELLAR INTERIORS

- GS **STELLAR INTERIORS**
 - . . . SOLAR INTERIOR
 - . . . STELLAR CORES
- RT ASTROPHYSICS
 - . CONVECTION
 - . GRAVITATIONAL COLLAPSE
 - . NUCLEAR FUSION
 - . STARS
 - . STELLAR ACTIVITY
 - . STELLAR ATMOSPHERES
 - . STELLAR CONVECTION
 - . STELLAR EVOLUTION
 - . STELLAR MODELS
 - . STELLAR PHYSICS
 - . STELLAR STRUCTURE

STELLAR LUMINOSITY

- GS ELECTROMAGNETIC PROPERTIES
 - . OPTICAL PROPERTIES
 - . . . LUMINOSITY
 - **STELLAR LUMINOSITY**
- RT BRIGHTNESS
 - . BRIGHTNESS DISTRIBUTION
 - . HERTZSPRUNG-RUSSELL DIAGRAM
 - . HORIZONTAL BRANCH STARS
 - . LIMB BRIGHTENING
 - . LIMB DARKENING
 - . LUMINESCENCE
 - . MASS TO LIGHT RATIOS
 - . RED DWARF STARS
 - . RED GIANT STARS
 - . STARSPOTS
 - . STELLAR ACTIVITY
 - . STELLAR COLOR
 - . STELLAR FLARES
 - . STELLAR PARALLAX
 - . STELLAR PHYSICS
 - . WOLF-RAYET STARS

STELLAR MAGNETIC FIELDS

- GS MAGNETIC FIELDS
 - . . . **STELLAR MAGNETIC FIELDS**
 - SOLAR MAGNETIC FIELD
- RT ELECTROMAGNETIC FIELDS
 - . INTERSTELLAR MAGNETIC FIELDS
 - . MAGNETIC FIELD CONFIGURATIONS
 - . PLASMAS (PHYSICS)
 - . PULSAR MAGNETOSPHERES
 - . STARSPOTS
 - . STELLAR ACTIVITY
 - . STELLAR CONVECTION
 - . STELLAR MAGNETOSPHERES

STELLAR MAGNETOSPHERES

- GS **STELLAR MAGNETOSPHERES**
 - . . . PULSAR MAGNETOSPHERES
- RT MAGNETIC FIELDS
 - ∞MAGNETOSPHERES

STELLAR MAGNETOSPHERES--(cont.)

STELLAR ATMOSPHERES
STELLAR MAGNETIC FIELDS

STELLAR MAGNITUDE

GS MAGNITUDE
STELLAR MAGNITUDE
RT ASTRONOMY
COLOR-MAGNITUDE DIAGRAM
∞ INTENSITY
LUMINANCE
LUMINOUS INTENSITY
RED DWARF STARS
STARS
STELLAR COLOR
STELLAR PARALLAX

STELLAR MASS

GS MASS
STELLAR MASS
RT DEGENERATE MATTER
GALACTIC MASS
MAIN SEQUENCE STARS
MASS TO LIGHT RATIOS
MASSIVE STARS
NOVAE
STELLAR GRAVITATION
STELLAR TEMPERATURE
SUPERNOVAE
VARIABLE STARS

STELLAR MASS ACCRETION

GS EVOLUTION (DEVELOPMENT)
STELLAR EVOLUTION
STELLAR MASS ACCRETION
RT ACCRETION DISKS
COSMOLOGY
DWARF NOVAE
GALACTIC EVOLUTION
GRAVITATIONAL EFFECTS
INTERSTELLAR GAS
INTERSTELLAR MATTER
PROTOSTARS
STAR FORMATION
STELLAR ENVELOPES
STELLAR PHYSICS
SYMBIOTIC STARS
X RAY BINARIES

STELLAR MASS EJECTION

GS EJECTION
STELLAR MASS EJECTION
RT ASYMPTOTIC GIANT BRANCH STARS
CATACLYSMIC VARIABLES
DWARF NOVAE
MAGNETIC CLOUDS
NOVAE
R CORONAE BOREALIS STARS
STELLAR ACTIVITY
STELLAR ENVELOPES
SUPERNOVAE
VARIABLE STARS
WOLF-RAYET STARS

STELLAR MODELS

GS MODELS
ASTRONOMICAL MODELS
STELLAR MODELS
RT ASTRONOMY
SOLAR NEUTRINOS
SOLAR OSCILLATIONS
STELLAR COMPOSITION
STELLAR INTERIORS
SUPERMASSIVE STARS

STELLAR MOTIONS

GS STELLAR MOTIONS
STELLAR ORBITS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR ROTATION
SOLAR ROTATION
RT COMPANION STARS
COROTATION
DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
DOUBLE STARS
GALACTIC ROTATION
HIPPARCOS SATELLITE
∞ MOTION
SIDEREAL TIME
STELLAR PARALLAX
STELLAR SYSTEMS

STELLAR OCCULTATION

GS OCCULTATION
STELLAR OCCULTATION
RT ECLIPSING BINARY STARS
LUNAR OCCULTATION

STELLAR ORBITS

SN (EXCLUDES PLANETARY ORBITS)
GS ORBITS
STELLAR ORBITS
STELLAR MOTIONS
STELLAR ORBITS
RT CELESTIAL MECHANICS
NEMESIS (STAR)

STELLAR OSCILLATIONS

GS OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR MOTIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
RT ASTRONOMICAL MODELS
ASTRONOMY
ASTROPHYSICS
ATMOSPHERIC MODELS
CATACLYSMIC VARIABLES
MIRA VARIABLES
STARS
STELLAR ACTIVITY
SYMBIOTIC STARS
VARIABLE STARS

STELLAR PARALLAX

GS PARALLAX
STELLAR PARALLAX
RT ASTROMETRY
BINARY STARS
HIPPARCOS SATELLITE
SOLAR PARALLAX
STELLAR LUMINOSITY
STELLAR MAGNITUDE
STELLAR MOTIONS

STELLAR PHYSICS

GS ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS
RT LOCAL THERMODYNAMIC EQUILIBRIUM
NUCLEAR ASTROPHYSICS
NUCLEAR FUSION
SCIENCE
STARQUAKES
STELLAR ACTIVITY
STELLAR COMPOSITION
STELLAR CONVECTION
STELLAR EVOLUTION
STELLAR FLARES
STELLAR INTERIORS
STELLAR LUMINOSITY
STELLAR MASS ACCRETION
STELLAR RADIATION
STELLAR ROTATION
STELLAR STRUCTURE
SUPERNOVAE

STELLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
STELLAR RADIATION
STELLAR WINDS
RT COSMIC RAYS
ELECTROMAGNETIC RADIATION
GALACTIC RADIATION
GAMMA RAY BURSTS
HERBIG-HARO OBJECTS
INTERSTELLAR EXTINCTION
INTERSTELLAR RADIATION
LIGHT CURVE
MICROWAVE EMISSION
POLARIZED ELECTROMAGNETIC RADIATION
RADIATION
RADIATIVE TRANSFER
RADIO BURSTS
RADIO STARS
SOLAR RADIATION
STARSPOTS
STELLAR ACTIVITY
STELLAR FLARES
STELLAR PHYSICS
X RAY STARS

STELLAR ROTATION

GS GYRATION
ROTATION

STELLAR ROTATION--(cont.)

STELLAR ROTATION
SOLAR ROTATION
STELLAR MOTIONS
STELLAR ROTATION
SOLAR ROTATION
RT ANGULAR MOMENTUM
COROTATION
PLANETARY ROTATION
STARQUAKES
STELLAR PHYSICS

STELLAR SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
STELLAR SPECTRA
SOLAR SPECTRA
RT ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
COLOR-COLOR DIAGRAM
CONTINUOUS SPECTRA
COOL STARS
EMISSION SPECTRA
F STARS
G STARS
HERBIG-HARO OBJECTS
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
INFRARED SPECTRA
K STARS
LINE SPECTRA
MOLECULAR SPECTRA
PECULIAR STARS
SEYFERT GALAXIES
STELLAR COLOR
SYMBIOTIC STARS
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA

STELLAR SPECTROPHOTOMETRY

GS OPTICAL MEASUREMENT
PHOTOMETRY
ASTRONOMICAL PHOTOMETRY
STELLAR SPECTROPHOTOMETRY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY
SPECTROSCOPY
SPECTROPHOTOMETRY
STELLAR SPECTROPHOTOMETRY
RT COLOR-COLOR DIAGRAM
HORIZONTAL BRANCH STARS
INFRARED PHOTOMETRY
PECULIAR STARS
SPECTROSCOPIC TELESCOPES
STELLAR COLOR

STELLAR STRUCTURE

RT CHROMOSPHERE
CORONAL HOLES
DENSE PLASMAS
METALLIC STARS
PECULIAR STARS
SOLAR ATMOSPHERE
SOLAR CORONA
SOLAR INTERIOR
STARQUAKES
STELLAR COMPOSITION
STELLAR CORES
STELLAR ENVELOPES
STELLAR INTERIORS
STELLAR PHYSICS
STRUCTURES
SUPERMASSIVE STARS

STELLAR SYSTEMS

SN (EXCLUDES PLANETARY SYSTEMS)
GS CELESTIAL BODIES
STELLAR SYSTEMS
RT BINARY STARS
GALACTIC CLUSTERS
GALACTIC ROTATION
GALACTIC STRUCTURE
GALAXIES
GRAVITATIONAL COLLAPSE
GRAVITATIONAL EFFECTS
INTERACTING GALAXIES
NEMESIS (STAR)
SIGMA ORIONIS
STAR CLUSTERS
STAR DISTRIBUTION
STELLAR GRAVITATION
STELLAR MOTIONS
TRIPLE STARS

STELLAR TEMPERATURE

GS TEMPERATURE
 . **STELLAR TEMPERATURE**
 RT COOL STARS
 STELLAR MASS
 SYMBIOTIC STARS

STELLAR WINDS

GS EXTRATERRESTRIAL RADIATION
 . STELLAR RADIATION
 . . **STELLAR WINDS**
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 SPACE PLASMAS
 **STELLAR WINDS**
 RT CHROMOSPHERE
 COSMIC PLASMA
 INTERGALACTIC MEDIA
 INTERSTELLAR GAS
 RADIATION PRESSURE
 SOLAR WIND
 SOLAR WIND VELOCITY

STELLARATORS

GS NUCLEAR REACTORS
 . FUSION REACTORS
 . . **STELLARATORS**
 RT HELICAL WINDINGS
 HELIOTRONS
 MAGNETOHYDRODYNAMICS
 PINCH EFFECT
 PLASMA CONTROL
 THERMAL INSTABILITY
 THERMONUCLEAR POWER GENERATION
 THERMONUCLEAR REACTIONS
 TOROIDAL PLASMAS

STELLITE (TRADEMARK)

UF HAYNES STELLITE
 RT CHROMIUM ALLOYS
 COBALT ALLOYS
 TUNGSTEN ALLOYS

STEMS

RT PLANTS (BOTANY)

STENCIL PROCESSES

RT PRINTING
 REPRODUCTION (COPYING)

STEP FAULTS

USE GEOLOGICAL FAULTS

STEP FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . **STEP FUNCTIONS**
 RT DYNAMIC RESPONSE
 . FREQUENCY RESPONSE
 INTERVALS
 RAMP FUNCTIONS
 REACTION TIME
 . STEPS

STEP RECOVERY DIODES

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . JUNCTION DIODES
 **STEP RECOVERY DIODES**
 RT SWITCHING

STEPPIES

GS LANDFORMS
 . **STEPPIES**
 RT ARID LANDS
 DESERTIFICATION
 GRASSLANDS
 PLAINS

STEPPING MOTORS

GS MOTORS
 . ELECTRIC MOTORS
 . . **STEPPING MOTORS**
 RT ACTUATORS
 SERVOCONTROL
 SERVOMECHANISMS

STEPPING SWITCHES

GS SWITCHES
 . ELECTRIC SWITCHES
 . . **STEPPING SWITCHES**

STEPS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BACKWARD FACING STEPS
 PROGRAMMING (SCHEDULING)
 STAIRSTEPS
 STEP FUNCTIONS

STEREOCHEMISTRY

RT CARBOHYDRATES
 . CHEMISTRY
 ISOMERS
 OPTICAL ACTIVITY
 SPATIAL DISTRIBUTION
 X RAY ANALYSIS

STEREOGRAPHY

USE STEREOPHOTOGRAPHY

STEREOPHONICS

RT ACOUSTICS
 HEARING

STEREOPHOTOGRAPHY

UF STEREOGRAPHY
 STEREOSCOPIC PHOTOGRAPHY
 GS IMAGERY
 . STEREOGRAPHY
 . . **STEREOPHOTOGRAPHY**
 PHOTOGRAPHY
 . STEREOGRAPHY
 . . **STEREOPHOTOGRAPHY**
 RT AERIAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 CINEMATOGRAPHY
 COLOR PHOTOGRAPHY
 MAPSAT
 PHOTOGRAMMETRY
 SPOT (FRENCH SATELLITE)

STEREOSCOPIC PHOTOGRAPHY

USE STEREOPHOTOGRAPHY

STEREOSCOPIC VISION

GS VISION
 . **STEREOSCOPIC VISION**
 RT BINOCULAR VISION
 STEREOGRAPHY

STEREOGRAPHY

GS IMAGERY
 . **STEREOGRAPHY**
 . . STEREOGRAPHY
 PHOTOGRAPHY
 . **STEREOGRAPHY**
 . . STEREOGRAPHY
 RT STEREOGRAPHY
 STEREOSCOPIC VISION

STEREOTELEVISION

GS COMMUNICATION EQUIPMENT
 . **STEREOTELEVISION**
 TELECOMMUNICATION
 . **STEREOTELEVISION**
 TELEVISION SYSTEMS
 . **STEREOTELEVISION**
 RT CLOSED CIRCUIT TELEVISION
 COLOR TELEVISION
 COMMUNICATING
 EDUCATIONAL TELEVISION
 SATELLITE TELEVISION
 SPACECRAFT TELEVISION

STERILIZATION

GS CLEANING
 . **STERILIZATION**
 . . CHEMICAL STERILIZATION
 . . . SPACECRAFT STERILIZATION
 RT AIR PURIFICATION
 ANTIFOULING
 ANTISEPTICS
 BACTERICIDES
 BAKING
 DECONTAMINATION
 FUMIGATION
 GNOTOBIOTICS
 HOUSEKEEPING (SPACECRAFT)
 IONIZING RADIATION
 MERCURY LAMPS
 PASTEURIZING
 PURIFICATION
 ULTRAVIOLET RADIATION

STERILIZATION EFFECTS

RT CHEMICAL EFFECTS
 CORROSION
 DECONTAMINATION
 DEGRADATION
 . DEOXIFICATION
 . EFFECTS
 RADIATION EFFECTS
 SPACECRAFT STERILIZATION
 TEMPERATURE EFFECTS
 THERMAL DEGRADATION

STERNS

USE AFTERBODIES

STERNUM

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . **STERNUM**
 RT THORAX

STERIODS

GS ORGANIC COMPOUNDS
 . LIPIDS
 . . **STERIODS**
 . . . CHOLESTEROL
 . . . CORTICOSTEROIDS
 ALDOSTERONE
 HYDROXYCORTICOSTEROID
 CORTISONE
 ESTROGENS
 PROSTAGLANDINS
 RT ANTIBIOTICS
 HORMONES

STETHOSCOPES

GS MEDICAL EQUIPMENT
 . **STETHOSCOPES**
 RT PHYSICIANS

STIELTJES INTEGRAL

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . MEASURE AND INTEGRATION
 . . . **STIELTJES INTEGRAL**
 RT PROBABILITY THEORY

STIFF STRUCTURES

USE RIGID STRUCTURES

STIFFENING

RT REINFORCEMENT (STRUCTURES)
 RIBS (SUPPORTS)
 WEBS (SUPPORTS)

STIFFNESS

GS MECHANICAL PROPERTIES
 . **STIFFNESS**
 RT BENDING
 DEFORMATION
 FLEXIBILITY
 MODULUS OF ELASTICITY
 . RIGIDITY
 SOFTNESS
 STRUCTURAL STABILITY

STIFFNESS MATRIX

GS ALGEBRA
 . VECTOR SPACES
 . . MATRICES (MATHEMATICS)
 . . . **STIFFNESS MATRIX**
 RT STRUCTURAL ANALYSIS
 STRUCTURAL MEMBERS

STIGMATISM

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . . **STIGMATISM**
 RT ASTIGMATISM
 FOCUSING
 LENS DESIGN
 LENSES

STILBENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . **STILBENE**
 RT DYES
 HEXANITROSTILBENE

STILLS

GS SEPARATORS
 . **STILLS**

STILLS--(cont.)

RT CONCENTRATORS
DISTILLATION EQUIPMENT

STIMULANTS

GS DRUGS
.. **STIMULANTS**
.. ATROPINE
.. CAFFEINE
.. CENTRAL NERVOUS SYSTEM
.. STIMULANTS
.. NORADRENALINE
.. NOREPINEPHRINE
RT AMINOPHYLLINE
EPINEPHRINE
STRYCHNINE

STIMULATED EMISSION

GS EMISSION
.. **STIMULATED EMISSION**
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON LASERS
CARBON MONOXIDE LASERS
COHERENT ELECTROMAGNETIC
RADIATION
COHERENT LIGHT
ELECTRON EMISSION
ELECTRON PUMPING
GALLIUM ARSENIDE LASERS
GAS LASERS
GAS MASERS
HCN LASERS
INTERSTELLAR MASERS
LASERS
LIGHT EMISSION
MASERS
NUCLEAR PUMPING
OPTICAL PUMPING
PARTICLE EMISSION
PHOTOELECTRIC EMISSION
POPULATION INVERSION
RAPID BALLISTICS IDENTIFICATION
RARE GAS-HALIDE LASERS
SELF SUSTAINED EMISSION
SURFACE EMITTING LASERS
TEA LASERS
TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

STIMULATED EMISSION DEVICES

UF QUANTUM GENERATORS
GS **STIMULATED EMISSION DEVICES**
.. LASERS
.. AIRBORNE LASERS
.. ARGON LASERS
.. ATMOSPHERIC LASERS
.. CARBON LASERS
.. CHEMICAL LASERS
.. HCL LASERS
.. CONTINUOUS WAVE LASERS
.. DISTRIBUTED FEEDBACK LASERS
.. FREE ELECTRON LASERS
.. GAMMA RAY LASERS
.. GAS LASERS
.. CARBON DIOXIDE LASERS
.. CARBON MONOXIDE LASERS
.. DF LASERS
.. EXCIMER LASERS
.. HCL LASERS
.. HCL ARGON LASERS
.. HCN LASERS
.. HELIUM-NEON LASERS
.. HF LASERS
.. KRYPTON FLUORIDE LASERS
.. NITROGEN LASERS
.. TEA LASERS
.. ULTRAVIOLET LASERS
.. XENON CHLORIDE LASERS
.. XENON FLUORIDE LASERS
.. GASEDYNAMIC LASERS
.. GLASS LASERS
.. HIGH POWER LASERS
.. NOVA LASER SYSTEM
.. SHIVA LASER SYSTEM
.. INFRARED LASERS
.. INJECTION LASERS
.. IODINE LASERS
.. LIQUID LASERS
.. METAL VAPOR LASERS
.. NEODYMIUM LASERS
.. NUCLEAR PUMPED LASERS
.. ORGANIC LASERS
.. DYE LASERS

STIMULATED EMISSION DEVICES--(cont.)

.. PLASMADYNAMIC LASERS
.. PULSED LASERS
.. Q SWITCHED LASERS
.. ULTRASHORT PULSED LASERS
.. ULTRAVIOLET LASERS
.. RAMAN LASERS
.. RARE GAS-HALIDE LASERS
.. KRYPTON FLUORIDE LASERS
.. XENON CHLORIDE LASERS
.. XENON FLUORIDE LASERS
.. RING LASERS
.. SEMICONDUCTOR LASERS
.. ALUMINUM GALLIUM ARSENIDE
LASERS
.. GALLIUM ARSENIDE LASERS
.. YLF LASERS
.. SOLAR-PUMPED LASERS
.. SOLID STATE LASERS
.. ALUMINUM GALLIUM ARSENIDE
LASERS
.. DBR LASERS
.. GALLIUM ARSENIDE LASERS
.. RUBY LASERS
.. YAG LASERS
.. YLF LASERS
.. SPACEBORNE LASERS
.. SURFACE EMITTING LASERS
.. TUNABLE LASERS
.. TWO-WAVELENGTH LASERS
.. WAVEGUIDE LASERS
.. X RAY LASERS
.. MASERS
.. GAS MASERS
.. HYDROGEN MASERS
.. INTERSTELLAR MASERS
.. PROTON MASERS
.. TRAVELING WAVE MASERS
.. WATER MASERS
RT AMPLIFIERS
COHERENT ELECTROMAGNETIC
RADIATION
DIFFRACTION RADIATION
ELECTRON PUMPING
∞ GENERATORS
LASER ARRAYS
LASER CAVITIES
LASER PUMPING
LASER WEAPONS
LASING
LIGHT TRANSMISSION
NUCLEAR PUMPING
OPTICAL PUMPING
RAPID BALLISTICS IDENTIFICATION
SUBHARMONIC GENERATORS
TRANSIENT OSCILLATIONS

STIMULATION

GS **STIMULATION**
.. AUDITORY STIMULI
.. SENSORY STIMULATION
RT ACTIVATION
ACTIVATION (BIOLOGY)
ACTUATION
CLOUD SEEDING
GAS INJECTION
INITIATION
PRESSURIZING
STARTING
∞ **STIMULI**
SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AROUSAL
AUDITORY STIMULI
CALORIC STIMULI
ELECTRIC STIMULI
MOTIVATION
PSYCHOLOGICAL FACTORS
SUBLIMINAL STIMULI
VISUAL STIMULI

STIRLING CYCLE

GS CYCLES
.. THERMODYNAMIC CYCLES
.. **STIRLING CYCLE**
RT CARNOT CYCLE
SOLAR DYNAMIC POWER SYSTEMS
STIRLING ENGINES

STIRLING ENGINES

GS ENGINES
.. EXTERNAL COMBUSTION ENGINES
.. **STIRLING ENGINES**

STIRLING ENGINES--(cont.)

.. PISTON ENGINES
.. **STIRLING ENGINES**
RT AUTOMOBILE ENGINES
ENGINE DESIGN
ENGINE TESTS
FREE-PISTON ENGINES
LINEAR ALTERNATORS
STIRLING CYCLE

STIRRING

RT AERATION
DISPERSING
MIXERS
SUSPENDING (MIXING)
SWIRLING

STISHOVITE

GS CHALCOGENIDES
.. OXIDES
.. DIOXIDES
.. SILICON DIOXIDE
.. QUARTZ
.. **STISHOVITE**
.. SILICON OXIDES
.. SILICON DIOXIDE
.. QUARTZ
.. **STISHOVITE**
MINERALS
.. QUARTZ
.. **STISHOVITE**
SILICON COMPOUNDS
.. SILICON OXIDES
.. SILICON DIOXIDE
.. QUARTZ
.. **STISHOVITE**
RT COESITE
EARTH CRUST
EARTH MANTLE
RUTILE

STOCHASTIC PROCESSES

UF POISSON PROCESS
GS **STOCHASTIC PROCESSES**
.. MARKOV PROCESSES
.. MARKOV CHAINS
.. RANDOM PROCESSES
.. RANDOM WALK
RT ∞ APPLICATIONS OF MATHEMATICS
CHAOS
COHERENCE COEFFICIENT
DECISION THEORY
ERGODIC PROCESS
EVENTS
FOKKER-PLANCK EQUATION
GAME THEORY
INFORMATION THEORY
KAKUTANI THEOREM
KALMAN-SCHMIDT FILTERING
MARTINGALES
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPERATIONS RESEARCH
PROBABILITY THEORY
QUEUEING THEORY
RANDOM ERRORS
RANDOM NOISE
RANDOM SIGNALS
STATE ESTIMATION
STATISTICAL ANALYSIS
∞ STATISTICS
TIME DEPENDENCE
TIME FUNCTIONS
TIME SERIES ANALYSIS

STOCKPILING

RT ACCUMULATIONS
COLLECTION
INVENTORY MANAGEMENT
LOGISTICS
RESERVES
∞ STORAGE
STRATEGIC MATERIALS

STOICHIOMETRY

RT CHEMICAL REACTIONS
∞ CHEMISTRY
∞ COMPOSITION
COMPOSITION (PROPERTY)
FORMULATIONS
MATERIAL BALANCE
PHASE DIAGRAMS

STOKES FLOW

GS FLUID FLOW

STOKES FLOW--(cont.)

- . INCOMPRESSIBLE FLOW
- . **STOKES FLOW**
- . VISCOUS FLOW
- . **STOKES FLOW**

RT OSEEN APPROXIMATION
STEADY FLOW

STOKES LAW

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT LAWS
MAXWELL EQUATION
STOKES LAW (FLUID MECHANICS)
STOKES THEOREM (VECTOR CALCULUS)

STOKES LAW (FLUID MECHANICS)

- RT SETTLING
- ∞ STOKES LAW
VISCOSITY

STOKES LAW OF RADIATION

- GS LAWS
. RADIATION LAWS
. **STOKES LAW OF RADIATION**
- RT INCIDENT RADIATION
LUMINESCENCE
- ∞ RADIATION
WAVELENGTHS

STOKES THEOREM (VECTOR CALCULUS)

- GS ALGEBRA
. VECTOR SPACES
. **STOKES THEOREM (VECTOR CALCULUS)**
THEOREMS
. **STOKES THEOREM (VECTOR CALCULUS)**
- RT ∞ STOKES LAW

STOKES-BELTRAMI EQUATION

- RT ∞ EQUATIONS
LAPLACE EQUATION
STREAM FUNCTIONS (FLUIDS)

STOL AIRCRAFT

- USE SHORT TAKEOFF AIRCRAFT

STOMACH

- GS ANATOMY
. DIGESTIVE SYSTEM
. GASTROINTESTINAL SYSTEM
. **STOMACH**
- RT ABDOMEN

STONES (ROCKS)

- USE ROCKS

STONY METEORITES

- GS CELESTIAL BODIES
. METEORITES
. **STONY METEORITES**
. ACHONDRITES
. BONDOC METEORITE
. CHASSIGNITES
. KAPOETA ACHONDRITE
. NAKHLITES
. NORTON COUNTY ACHONDRITE
. SHERGOTTITES
. UREILITES
. CARBONACEOUS METEORITES
. CARBONACEOUS CHONDRITES
. ALAIS METEORITE
. ALLENDE METEORITE
. COLD BOKKEVELD METEORITE
. IVUNA METEORITE
. MURCHISON METEORITE
. MURRAY METEORITE
. ORGUEIL METEORITE
. TONK METEORITE
. UREILITES
. CHONDRITES
. BRUDERHEIM METEORITE
. CARBONACEOUS CHONDRITES
. ALAIS METEORITE
. ALLENDE METEORITE
. COLD BOKKEVELD METEORITE
. IVUNA METEORITE
. MURCHISON METEORITE
. MURRAY METEORITE
. ORGUEIL METEORITE
. TONK METEORITE
. HARLETON METEORITE

STONY METEORITES--(cont.)

- HVITIS CHONDRITE
- OKHANSK METEORITE
- PANTAR CHONDRITES
- PRIBRAM METEORITE
- TEKTITES
- AUSTRALITES
- BEDIASITES
- TUNGUSK METEORITE
- RT COESITE
IRON METEORITES
LAZAREV METEORITE
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
SCHREIBERSITE
STONY-IRON METEORITES

STONY-IRON METEORITES

- GS CELESTIAL BODIES
. METEORITES
. **STONY-IRON METEORITES**
- RT IRON METEORITES
STONY METEORITES

STOPCOCKS

- USE COCKS

STOPPING

- UF TERMINATING
- GS **STOPPING**
. THRUST TERMINATION
- RT BLOCKING
CANCELLATION
CLOSING
CONSTRICTIONS
CONTAINMENT
DAMPING
DECELERATION
DELAY
ELIMINATION
∞ HOLDING
∞ INHIBITION
OPTIMIZATION
PLUGS
PREVENTION
∞ REDUCTION
RETARDING
SEALING

STOPPING POWER

- RT ABSORBERS (MATERIALS)
ABSORPTION CROSS SECTIONS
∞ CROSS SECTIONS
DENSITY (MASS/VOLUME)
NEUTRON CROSS SECTIONS
RADIATION ABSORPTION
RADIATION SHIELDING
SCATTERING CROSS SECTIONS

STORABLE PROPELLANTS

- GS CONSUMABLES (SPACECRAFT)
. **STORABLE PROPELLANTS**
PROPELLANTS
. **STORABLE PROPELLANTS**
- RT CRYOGENIC ROCKET PROPELLANTS
GASEOUS ROCKET PROPELLANTS
GELLED ROCKET PROPELLANTS
GROUND SUPPORT EQUIPMENT
HIGH TEMPERATURE PROPELLANTS
HYDROCARBON FUELS
HYPERGOLIC ROCKET PROPELLANTS
LIQUID ROCKET PROPELLANTS
PROPELLANT ADDITIVES
PROPELLANT DECOMPOSITION
PROPELLANT EVAPORATION
PROPELLANT SENSITIVITY
PROPELLANT STORABILITY
PROPELLANT STORAGE
ROCKET PROPELLANTS
SOLID PROPELLANTS
SPACE STORAGE

STORAGE

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT BUFFER STORAGE
COMPUTER STORAGE DEVICES
CORE STORAGE
CRYOGENIC FLUID STORAGE
DATA STORAGE
DISPOSAL
DOCUMENT STORAGE
ENERGY STORAGE
EXTERNAL STORE SEPARATION

STORAGE--(cont.)

- EXTERNAL STORES
- FLUID FILLED SHELLS
- HANDLING EQUIPMENT
- INVENTORIES
- INVENTORY CONTROLS
- INVENTORY MANAGEMENT
- ION STORAGE
- LIQUID FILLED SHELLS
- LOGISTICS
- LOGISTICS MANAGEMENT
- MAGNETIC STORAGE
- MATERIALS HANDLING
- MISSILE SILOS
- MISSILE STORAGE
- PACKAGING
- PIPELINES
- PRESERVING
- PROPELLANT STORAGE
- RACKS (FRAMES)
- RECORDING
- RESERVES
- RETAINING
- SAFETY
- SPACE STORAGE
- STOCKPILING
- STORAGE TANKS
- STOWAGE (ONBOARD EQUIPMENT)
- UNDERGROUND STORAGE
- WASTE DISPOSAL
- WING-FUSELAGE STORES

STORAGE BATTERIES

- SN (RECHARGEABLE BATTERIES)
- UF SECONDARY BATTERIES
- GS ELECTROCHEMICAL CELLS
. ELECTRIC BATTERIES
. **STORAGE BATTERIES**
. LEAD ACID BATTERIES
. NICKEL CADMIUM BATTERIES
. NICKEL HYDROGEN BATTERIES
. NICKEL ZINC BATTERIES
. SILVER CADMIUM BATTERIES
. SILVER HYDROGEN BATTERIES
. SILVER ZINC BATTERIES
. ZINC-BROMIDE BATTERIES
. ZINC-CHLORINE BATTERIES
- RT ALKALINE BATTERIES
BATTERY CHARGERS
CHARGE EFFICIENCY
DRY CELLS
ELECTROLYTES
METAL AIR BATTERIES
NICKEL IRON BATTERIES
NONAQUEOUS ELECTROLYTES
PRIMARY BATTERIES
PULSE CHARGING
REGENERATIVE FUEL CELLS

STORAGE RINGS (PARTICLE ACCELERATORS)

- UF ELECTRON RING ACCELERATORS
- GS PARTICLE ACCELERATORS
. CYCLIC ACCELERATORS
. SYNCHROTRONS
. **STORAGE RINGS (PARTICLE ACCELERATORS)**
- RT ∞ ACCELERATORS
∞ RINGS
SUPERCONDUCTING SUPER COLLIDER

STORAGE STABILITY

- GS LIFE (DURABILITY)
. **STORAGE STABILITY**
STABILITY
. **STORAGE STABILITY**
- RT DECOMPOSITION
LIQUID SLOSHING
LONG TERM EFFECTS
STATIC STABILITY
SURFACE STABILITY
THERMAL STABILITY

STORAGE TANKS

- GS TANKS (CONTAINERS)
. **STORAGE TANKS**
- RT CRYOGENIC FLUID STORAGE
CYLINDRICAL TANKS
EXPULSION BLADDERS
EXTERNAL TANKS
FUEL TANKS
PIPELINES
PRESSURE VESSELS
PROPELLANT TANKS
SPACE STORAGE
SPHERICAL TANKS

STORAGE TANKS--(cont.)

∞ STORAGE
TANK GEOMETRY
UNDERGROUND STORAGE
WING-FUSELAGE STORES

STORE RELEASE

USE EXTERNAL STORE SEPARATION

STORM DAMAGE

GS DAMAGE
RT **STORM DAMAGE**
CYCLONES
FLOOD CONTROL
FLOODS
GUSTS
HAILSTORMS
HURRICANES
LANDSLIDES
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOW COVER
STORM SURGES
STORMS
THUNDERSTORMS
TORNADOES
TROPICAL STORMS
TYPHOONS
WIND (METEOROLOGY)

STORM ENHANCEMENT

GS WEATHER MODIFICATION
RT **STORM ENHANCEMENT**
CLIMATOLOGY
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS
STORMS (METEOROLOGY)

STORM SUPPRESSION

GS WEATHER MODIFICATION
RT **STORM SUPPRESSION**
CLIMATOLOGY
HAILSTORMS
ICE PREVENTION
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS

STORM SURGES

RT COASTS
HURRICANES
OCEAN SURFACE
OCEANOGRAPHY
STORM DAMAGE
STORMS (METEOROLOGY)
SURGES

STORMS

GS **STORMS**
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC
DISTURBANCES
MAGNETIC STORMS
NOISE STORMS
SOLAR STORMS
STORMS (METEOROLOGY)
CYCLONES
HURRICANES
ANNA HURRICANE
TYPHOONS
DOWNBURSTS
MICROBURSTS (METEOROLOGY)
DUST STORMS
HAILSTORMS
POLAR SUBSTORMS
RAINSTORMS
THUNDERSTORMS
SNOWSTORMS
TORNADOES
TROPICAL STORMS
HURRICANES
ANNA HURRICANE
TYPHOONS
RT CLIMATOLOGY
COLD FRONTS
∞ DISTURBANCES
FLOOD DAMAGE
FLOODS
FRONTS (METEOROLOGY)
GUSTS
PRECIPITATION (METEOROLOGY)

STORMS--(cont.)

SNOW COVER
SOLAR TERRESTRIAL INTERACTIONS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
SUDDEN STORM COMMENCEMENTS
WARM FRONTS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMS (METEOROLOGY)

GS STORMS
RT **STORMS (METEOROLOGY)**
CYCLONES
HURRICANES
ANNA HURRICANE
TYPHOONS
DOWNBURSTS
MICROBURSTS (METEOROLOGY)
DUST STORMS
HAILSTORMS
POLAR SUBSTORMS
RAINSTORMS
THUNDERSTORMS
SNOWSTORMS
TORNADOES
TROPICAL STORMS
HURRICANES
ANNA HURRICANE
TYPHOONS
ALPINE METEOROLOGY
CLIMATOLOGY
CYCLOGENESIS
FLIGHT CONDITIONS
FLOOD CONTROL
FLOOD DAMAGE
FLOOD PREDICTIONS
FLOODS
GROUND WIND
GUSTS
HAIL
ICE
METEOROLOGICAL PARAMETERS
METEOROLOGY
PRECIPITATION (METEOROLOGY)
SNOW
SNOW COVER
SQUALLS
STORM ENHANCEMENT
STORM SURGES
WATERSHEDS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMSAT SATELLITE

UF SEVERE STORMS OBSERVING
SATELLITE
GS ARTIFICIAL SATELLITES
SYNCHRONOUS SATELLITES
RT **STORMSAT SATELLITE**
NASA PROGRAMS

STOSS-AND-LEE TOPOGRAPHY

USE GLACIAL DRIFT

STOVL AIRCRAFT

UF SHORT TAKEOFF & VERTICAL LANDING
AIRCRAFT
RT FIGHTER AIRCRAFT
LIFT AUGMENTATION
POWERED LIFT AIRCRAFT
SHORT TAKEOFF AIRCRAFT
V/STOL AIRCRAFT
VERTICAL LANDING

STOWAGE (ONBOARD EQUIPMENT)

RT LOGISTICS
ONBOARD EQUIPMENT
PORTABLE EQUIPMENT
PROVISIONING
SPACE LOGISTICS
SPACE RATIONS
∞ STORAGE

STRAIGHT WINGS

USE RECTANGULAR WINGS

STRAIN AGING

USE PRECIPITATION HARDENING

STRAIN DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
RT **STRAIN DISTRIBUTION**
CRACK PROPAGATION

STRAIN DISTRIBUTION--(cont.)

DEFORMATION
ELASTIC DEFORMATION
FRACTURE MECHANICS
PLASTIC DEFORMATION
STRAIN MEASUREMENT
STRAIN RATE
STRESS CONCENTRATION
STRESS DISTRIBUTION
STRESS-STRAIN RELATIONSHIPS

STRAIN ENERGY METHODS

GS STRUCTURAL ANALYSIS
ENERGY METHODS
RT **STRAIN ENERGY METHODS**
∞ ENERGY
∞ METHODOLOGY
SEISMIC ENERGY

STRAIN ENERGY RELEASE RATE

GS RATES (PER TIME)
RT **STRAIN ENERGY RELEASE RATE**
ELASTIC DEFORMATION
ELASTIC PROPERTIES
RELAXATION (MECHANICS)
STRAIN RATE
STRESS RELAXATION

STRAIN FATIGUE

USE FATIGUE (MATERIALS)

STRAIN GAGE ACCELEROMETERS

GS MEASURING INSTRUMENTS
ACCELEROMETERS
RT **STRAIN GAGE ACCELEROMETERS**
PRESSURE GAGES

STRAIN GAGE BALANCES

GS MEASURING INSTRUMENTS
INDICATING INSTRUMENTS
WEIGHT INDICATORS
RT **STRAIN GAGE BALANCES**
PRESSURE GAGES

STRAIN GAGES

GS MEASURING INSTRUMENTS
RT **STRAIN GAGES**
CABLE FORCE RECORDERS
DEFORMETERS
ELASTOMETERS
EXTENSOMETERS
FLIGHT LOAD RECORDERS
MECHANICAL MEASUREMENT
PIEZOELECTRIC GAGES
PRESSURE GAGES
ROSETTE SHAPES
SHOCK MEASURING INSTRUMENTS
STRAIN MEASUREMENT
STRESS MEASUREMENT
TEMPERATURE INVERSIONS
TENSOMETERS
TRANSDUCERS
WEIGHT INDICATORS

STRAIN HARDENING

GS HARDENING (MATERIALS)
WORK HARDENING
RT **STRAIN HARDENING**
AGING (MATERIALS)
AGING (METALLURGY)
PRECIPITATION HARDENING
RESIDUAL STRESS
SHOT PEENING
STRESS RELIEVING
TEMPERATURE INVERSIONS

STRAIN MEASUREMENT

RT ∞ MEASUREMENT
SMART STRUCTURES
STRAIN DISTRIBUTION
STRAIN GAGES
STRAIN RATE
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRUCTURAL STRAIN

STRAIN RATE

GS RATES (PER TIME)
RT **STRAIN RATE**
IMPACT TESTS
LOADING RATE
MECHANICAL PROPERTIES
STRAIN DISTRIBUTION
STRAIN ENERGY RELEASE RATE

STRAIN RATE--(cont.)

STRAIN MEASUREMENT
TEMPERATURE INVERSIONS

STRAIN SOFTENING

USE PLASTIC DEFORMATION

STRAITS

GS PASSAGEWAYS
 . **STRAITS**
 . . TORRES STRAIT
 RT CANALS
 GIBRALTAR
 LAKES
 SEAS
 WATER
 WATERWAYS

STRAKES

GS STRUCTURAL MEMBERS
 . **STRAKES**
 RT AERODYNAMIC CONFIGURATIONS
 HULLS (STRUCTURES)
 LONGERONS
 METAL STRIPS
 RECTANGULAR PANELS
 REINFORCEMENT (STRUCTURES)
 WATER TUNNEL TESTS

STRANDS

RT CABLES (ROPES)
 CERAMIC FIBERS
 CORDAGE
 FIBERS
 ∞ FILAMENTS
 MESH
 YARNS

STRANGE ATTRACTORS

RT CHAOS
 FRACTALS
 IMBEDDINGS (MATHEMATICS)
 ITERATIVE SOLUTION
 NONLINEAR SYSTEMS
 NUMERICAL STABILITY
 PERTURBATION THEORY
 ∞ PHYSICS
 RECURSIVE FUNCTIONS
 STATE VECTORS
 THEORETICAL PHYSICS
 TURBULENCE

STRANGENESS

RT HYPERONS
 MESONS
 PARITY
 QUANTUM MECHANICS

STRAPDOWN INERTIAL GUIDANCE

GS GUIDANCE (MOTION)
 . INERTIAL GUIDANCE
 . . **STRAPDOWN INERTIAL GUIDANCE**
 RT INERTIAL NAVIGATION

STRAPS

RT ANCHORS (FASTENERS)
 ∞ BANDS
 CLAMPS
 FASTENERS
 HOLDERS

STRATA

UF STRATIFIED LAYERS
 GS **STRATA**
 . SUBSTRATES
 RT ANTICLINES
 BEDROCK
 BEDS (GEOLOGY)
 CROSSBEDDING (GEOLOGY)
 FLAT LAYERS
 FOLDS (GEOLOGY)
 GEOSYNCLINES
 ∞ LAYERS
 STRATIFICATION
 SYNCLINES
 UNDERGROUND ACOUSTICS

STRATEGIC MATERIALS

RT CHROMIUM
 COBALT
 MANGANESE
 ∞ MATERIALS
 METALS
 STOCKPILING

STRATEGIC MATERIALS--(cont.)

TECHNOLOGY ASSESSMENT

STRATEGY

RT DECISION THEORY
 DEPLOYMENT
 ELECTRONIC WARFARE
 GAME THEORY
 ∞ OPERATIONS
 OPERATIONS RESEARCH
 RISK
 WARFARE

STRATIFICATION

GS **STRATIFICATION**
 . ATMOSPHERIC STRATIFICATION
 . INTERCALATION
 RT ANTICLINES
 BEDROCK
 CROSSBEDDING (GEOLOGY)
 FLAT LAYERS
 FOLDS (GEOLOGY)
 GEOSYNCLINES
 ∞ LAYERS
 STATIC STABILITY
 STRATA
 STRATIFIED FLOW
 STRATIGRAPHY
 SYNCLINES
 TEMPERATURE GRADIENTS
 THERMOCLINES

STRATIFIED FLOW

GS FLUID FLOW
 . LAMINAR FLOW
 . . **STRATIFIED FLOW**
 RT BAROCLINIC WAVES
 BAROCLINITY
 COAXIAL FLOW
 FLOW GEOMETRY
 SHEAR FLOW
 STRATIFICATION

STRATIFIED LAYERS

USE STRATA

STRATIGRAPHY

RT ANTICLINES
 BEDROCK
 BEDS (GEOLOGY)
 CROSSBEDDING (GEOLOGY)
 ∞ FORMATION
 FORMATIONS
 GEOCHRONOLOGY
 GEOLOGY
 GEOPHYSICS
 GEOSYNCLINES
 HYDROGEOLOGY
 MINES (EXCAVATIONS)
 PALEONTOLOGY
 PARTICLE TRACKS
 PETROLOGY
 PLATEAUS
 REGOLITH
 ROCKS
 SEDIMENTARY ROCKS
 STRATIFICATION
 SYNCLINES
 WELLS

STRATOCUMULUS CLOUDS

GS CLOUDS (METEOROLOGY)
 . **STRATOCUMULUS CLOUDS**
 RT CUMULUS CLOUDS
 STRATUS CLOUDS

STRATOFORTRESS AIRCRAFT

USE B-52 AIRCRAFT

STRATOJET AIRCRAFT

USE B-47 AIRCRAFT

STRATOPAUSE

SN (ALTITUDE APPROXIMATELY 50 KM)
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . . STRATOSPHERE
 . . . **STRATOPAUSE**
 RT MESOPAUSE
 MESOSPHERE

STRATOSCOPE TELESCOPES

UF STRATOSCOPE 1 TELESCOPE
 STRATOSCOPE 2 TELESCOPE

STRATOSCOPE TELESCOPES--(cont.)

GS TELESCOPES
 . SPECTROSCOPIC TELESCOPES
 . . **STRATOSCOPE TELESCOPES**
 RT BALLOONS
 REFLECTING TELESCOPES
 REFRACTING TELESCOPES

STRATOSCOPE 1 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSCOPE 2 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSPHERE

SN (ALTITUDE RANGE BETWEEN
 APPROXIMATELY 15 AND 50 KM)
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . . **STRATOSPHERE**
 . . . OZONOSPHERE
 . . . STRATOPAUSE
 RT CHEMOSPHERE
 HOMOSPHERE
 ICE CLOUDS
 ISOTHERMAL LAYERS
 STRATOSPHERIC WARMING

STRATOSPHERE RADIATION

GS ATMOSPHERIC RADIATION
 . **STRATOSPHERE RADIATION**
 RT CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 ∞ RADIATION
 SKY RADIATION
 TROPOSPHERIC RADIATION

STRATOSPHERIC AEROSOL & GAS EXPERIMENT

USE SAGE SATELLITE

STRATOSPHERIC OBSERVATORY FOR IR ASTRONOMY

USE SOFIA (AIRBORNE OBSERVATORY)

STRATOSPHERIC WARMING

GS HEATING
 . ATMOSPHERIC HEATING
 . . **STRATOSPHERIC WARMING**
 RT ANOMALOUS TEMPERATURE ZONES
 ATMOSPHERIC HEAT BUDGET
 ATMOSPHERIC TEMPERATURE
 CLIMATE CHANGE
 GLOBAL WARMING
 ISOTHERMAL LAYERS
 STRATOSPHERE

STRATOTANKER AIRCRAFT

USE C-135 AIRCRAFT

STRATUS CLOUDS

GS CLOUDS (METEOROLOGY)
 . **STRATUS CLOUDS**
 RT FOG
 NIMBOSTRATUS CLOUDS
 STRATOCUMULUS CLOUDS

STREAK CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . **STREAK CAMERAS**
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **STREAK CAMERAS**
 RT CAMERA SHUTTERS
 CINEMATOGRAPHY
 LENSES

STREAK PHOTOGRAPHY

GS PHOTOGRAPHY
 . **STREAK PHOTOGRAPHY**
 RT CAMERAS
 ELECTRO-OPTICAL PHOTOGRAPHY
 HIGH SPEED CAMERAS
 IMAGING TECHNIQUES

STREAM FUNCTIONS (FLUIDS)

RT INCOMPRESSIBLE FLOW
 POTENTIAL THEORY
 STOKES-BELTRAMI EQUATION
 STREAMS
 TWO DIMENSIONAL FLOW

STREAMLINE FLOW

USE LAMINAR FLOW

STREAMLINED BODIES

- GS SYMMETRICAL BODIES
- STREAMLINED BODIES**
- . . . FAIRINGS
- RT AERODYNAMIC CONFIGURATIONS
- AIRFOILS
- AXISYMMETRIC BODIES
- ∞ BODIES
- BODIES OF REVOLUTION
- MISSILE BODIES
- OGIVES
- SLENDER BODIES
- STREAMLINING
- TOWED BODIES

STREAMLINING

- RT ACOUSTIC STREAMING
- AIR FLOW
- AIRCRAFT DESIGN
- AIRCRAFT STRUCTURES
- AIRFOIL PROFILES
- AIRFOILS
- FAIRINGS
- FLUID DYNAMICS
- FRICTION REDUCTION
- HELICOPTER DESIGN
- HYDROFOILS
- ∞ PROFILES
- SKIN FRICTION
- STREAMLINED BODIES

STREAMS

- GS **STREAMS**
- . GAS STREAMS
- RT AIR FLOW
- ALLUVIUM
- AQUIFERS
- DELAWARE RIVER BASIN (US)
- FLUID FLOW
- GAS FLOW
- HYDROLOGY
- HYDROLOGY MODELS
- INTERNATIONAL HYDROLOGICAL
- DECADE
- LAKE ERIE
- LAKE HURON
- LAKE MICHIGAN
- LAKE ONTARIO
- LAKE SUPERIOR
- LIMNOLOGY
- MEANDERS
- RAPIDS
- RESERVOIRS
- RIVERS
- STREAM FUNCTIONS (FLUIDS)
- SURFACE WATER
- SUSQUEHANNA RIVER BASIN
- (MD-NY-PA)
- WADIS

STREETS

- RT HIGHWAYS
- INTERSECTIONS
- PAVEMENTS
- ROADS
- ∞ TUNNELS
- URBAN PLANNING
- URBAN RESEARCH

∞ STRENGTH

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT COLD STRENGTH
- COMPRESSIVE STRENGTH
- CREEP RUPTURE STRENGTH
- CREEP STRENGTH
- ELECTRIC FIELD STRENGTH
- FIBER STRENGTH
- FIELD STRENGTH
- FRACTURE STRENGTH
- HIGH STRENGTH
- IMPACT STRENGTH
- LOAD CARRYING CAPACITY
- MECHANICAL PROPERTIES
- MICROYIELD STRENGTH
- MUSCULAR STRENGTH
- NOTCH STRENGTH
- RESIDUAL STRENGTH
- SHEAR STRENGTH
- TENSILE STRENGTH
- WELD STRENGTH
- YIELD STRENGTH

STRENGTH OF MATERIALS

- USE MECHANICAL PROPERTIES

STREPTOCOCCUS

- GS MICROORGANISMS
- . BACTERIA
- . . **STREPTOCOCCUS**

STREPTOMYCETES

- GS MICROORGANISMS
- . BACTERIA
- . . **STREPTOMYCETES**

STREPTOMYCIN

- GS DRUGS
- . ANTIBIOTICS
- . . **STREPTOMYCIN**

∞ STRESS (BIOLOGY)

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ∞ BIOLOGY
- PATHOLOGICAL EFFECTS
- STRESS (PHYSIOLOGY)
- STRESS (PSYCHOLOGY)

STRESS (PHYSIOLOGY)

- GS **STRESS (PHYSIOLOGY)**
- . ACCELERATION STRESSES
- (PHYSIOLOGY)
- . . CENTRIFUGING STRESS
- RT ACCELERATION (PHYSICS)
- ACCLIMATIZATION
- AEROEMBOLISM
- ANGINA PECTORIS
- ANOXIA
- BIODYNAMICS
- DEPRIVATION
- EXERCISE PHYSIOLOGY
- FATIGUE (BIOLOGY)
- FLIGHT STRESS (BIOLOGY)
- GRAVITATIONAL PHYSIOLOGY
- HOMEOSTASIS
- HYPERKINESIA
- HYPOXIA
- LOWER BODY NEGATIVE PRESSURE
- MUSCULAR FATIGUE
- PALMAR SWEAT INDEX
- PHYSIOLOGY
- PRESSURE BREATHING
- SPACE FLIGHT STRESS
- ∞ STRESS (BIOLOGY)
- STRESS (PSYCHOLOGY)
- UNDERWATER PHYSIOLOGY

STRESS (PSYCHOLOGY)

- UF MENTAL STRESS
- RT FATIGUE (BIOLOGY)
- FLIGHT STRESS (BIOLOGY)
- MENTAL PERFORMANCE
- PALMAR SWEAT INDEX
- PSYCHOLOGICAL EFFECTS
- PSYCHOLOGICAL FACTORS
- PSYCHOLOGY
- SPACE FLIGHT STRESS
- SPACE PSYCHOLOGY
- ∞ STRESS (BIOLOGY)
- STRESS (PHYSIOLOGY)
- WORKLOADS (PSYCHOPHYSIOLOGY)

STRESS ANALYSIS

- UF STRESS CALCULATIONS
- GS **STRESS ANALYSIS**
- . BOUNDARY ELEMENT METHOD
- . SCHWARTZ METHOD
- . X RAY STRESS ANALYSIS
- RT AIRY FUNCTION
- ∞ ANALYZING
- BENDING MOMENTS
- BENDING THEORY
- CASTIGLIANO VARIATIONAL THEOREM
- COMBINED STRESS
- CONSTRUCTION
- CREEP ANALYSIS
- DONNELL EQUATIONS
- ENERGY METHODS
- EULER BUCKLING
- ∞ FLIGHT STRESS
- FRINGE MULTIPLICATION
- INELASTIC STRESS
- INFLUENCE COEFFICIENT
- INTERFERENCE FIT
- ISOPARAMETRIC FINITE ELEMENTS
- MECHANICAL ENGINEERING

STRESS ANALYSIS--(cont.)

- MICHELL THEOREM
- MOIRE FRINGES
- MOMENTS OF INERTIA
- NASTRAN
- PHOTOELASTIC ANALYSIS
- PHOTOELASTICITY
- REISSNER THEORY
- S-N DIAGRAMS
- SAINT VENANT PRINCIPLE
- SHALLOW SHELL EQUATIONS
- STRESSES
- STRUCTURAL ANALYSIS
- STRUCTURAL DESIGN
- STRUCTURAL ENGINEERING
- TEMPERATURE INVERSIONS

STRESS CALCULATIONS

- USE STRESS ANALYSIS

STRESS CONCENTRATION

- GS DISTRIBUTION (PROPERTY)
- . STRESS DISTRIBUTION
- . . **STRESS CONCENTRATION**
- RT COMBINED STRESS
- CONCENTRATING
- CRACK INITIATION
- CRACKING (FRACTURING)
- ELBER EQUATION
- FATIGUE (MATERIALS)
- FATIGUE TESTS
- FORCE DISTRIBUTION
- FRINGE MULTIPLICATION
- HOLE DISTRIBUTION (MECHANICS)
- HOLE GEOMETRY (MECHANICS)
- IMPACT STRENGTH
- IMPACT TESTS
- LOADS (FORCES)
- MECHANICAL PROPERTIES
- MICROMECHANICS
- MOIRE FRINGES
- MOMENT DISTRIBUTION
- NOTCH STRENGTH
- NOTCH TESTS
- PERFORATED PLATES
- PERFORATED SHELLS
- PLANE STRESS
- SAINT VENANT PRINCIPLE
- STRAIN DISTRIBUTION
- STRESS-STRAIN RELATIONSHIPS
- STRESSES
- STRUCTURAL STRAIN

STRESS CORROSION

- GS CORROSION
- . **STRESS CORROSION**
- . . STRESS CORROSION CRACKING
- RT CRACKING (FRACTURING)
- FRETTING CORROSION
- INTERGRANULAR CORROSION
- METAL FATIGUE
- SALT SPRAY TESTS
- TRANSGRANULAR CORROSION

STRESS CORROSION CRACKING

- GS CORROSION
- . STRESS CORROSION
- . . **STRESS CORROSION CRACKING**
- FRACTURING
- . CRACKING (FRACTURING)
- . . **STRESS CORROSION CRACKING**
- RT CORROSION TESTS
- CRACK CLOSURE
- CRACK INITIATION
- CRACK PROPAGATION
- METAL FATIGUE

STRESS CYCLES

- GS CYCLES
- . **STRESS CYCLES**
- MECHANICAL PROPERTIES
- . **STRESS CYCLES**
- RT CYCLIC LOADS
- ELBER EQUATION
- FATIGUE (MATERIALS)
- FATIGUE LIFE
- FATIGUE TESTS
- S-N DIAGRAMS
- STRESSES
- VARIABLE AMPLITUDE LOADING

STRESS DISTRIBUTION

- UF STRESS FIELDS
- GS DISTRIBUTION (PROPERTY)
- . **STRESS DISTRIBUTION**

STRESS DISTRIBUTION--(cont.)

RT . . STRESS CONCENTRATION
 CRACK PROPAGATION
 FORCE DISTRIBUTION
 FRACTURE MECHANICS
 INTERLAMINAR STRESS
 STRAIN DISTRIBUTION
 STRESS INTENSITY FACTORS
 STRESS-STRAIN RELATIONSHIPS
 TRANSVERSE LOADS

STRESS FIELDS

USE STRESS DISTRIBUTION

STRESS FUNCTIONS

UF VON MISES THEORY
 GS FUNCTIONS (MATHEMATICS)
 . **STRESS FUNCTIONS**
 RT FRACTURING

STRESS INTENSITY FACTORS

RT BENDING THEORY
 COMBINED STRESS
 CRACK INITIATION
 CRACK PROPAGATION
 CRACKING (FRACTURING)
 FORCE DISTRIBUTION
 FRACTURE MECHANICS
 HOLE GEOMETRY (MECHANICS)
 LOADS (FORCES)
 NOTCH STRENGTH
 PLANE STRAIN
 STRESS DISTRIBUTION
 TENSILE STRESS

STRESS MEASUREMENT

GS MECHANICAL MEASUREMENT
 . **STRESS MEASUREMENT**
 . . X RAY STRESS MEASUREMENT
 RT DEFORMETERS
 EXTENSOMETERS
 PHOTOELASTIC ANALYSIS
 S-N DIAGRAMS
 STRAIN GAGES
 TENSOMETERS
 VIBRATION MEASUREMENT

STRESS PROPAGATION

GS TRANSMISSION
 . **STRESS PROPAGATION**
 RT ELASTIC WAVES
 PLASTIC DEFORMATION
 ∞ PROPAGATION

STRESS RATIO

GS MECHANICAL PROPERTIES
 . **STRESS RATIO**
 RATIOS
 . **STRESS RATIO**
 RT FATIGUE (MATERIALS)
 FATIGUE TESTS
 MODULAR RATIOS
 PRESSURE RATIO
 S-N DIAGRAMS

STRESS RELAXATION

GS MECHANICAL PROPERTIES
 . **STRESS RELAXATION**
 RELAXATION (MECHANICS)
 . **STRESS RELAXATION**
 RT ANELASTICITY
 BORDONI PEAKS
 CREEP ANALYSIS
 CREEP DIAGRAMS
 CREEP PROPERTIES
 DUCTILITY
 FATIGUE (MATERIALS)
 PLASTIC DEFORMATION
 PLASTIC FLOW
 PLASTIC MEMORY
 PLASTIC PROPERTIES
 ∞ RECOVERY
 RESIDUAL STRESS
 SHEAR PROPERTIES
 STRAIN ENERGY RELEASE RATE
 STRESSES
 TEMPERATURE INVERSIONS

STRESS RELIEVING

GS HEAT TREATMENT
 . **STRESS RELIEVING**
 RELIEVING
 . **STRESS RELIEVING**
 RT ALLOYS
 ANNEALING

STRESS RELIEVING--(cont.)

FATIGUE (MATERIALS)
 ∞ RECOVERY
 RESIDUAL STRESS
 STABILIZATION
 STRAIN HARDENING
 TEMPERING

STRESS RUPTURE STRENGTH

USE CREEP RUPTURE STRENGTH

STRESS TENSORS

GS ALGEBRA
 . TENSORS
 . . **STRESS TENSORS**
 RT CONTINUUM MECHANICS
 ELASTIC PROPERTIES
 FRACTURE MECHANICS
 PLASTIC PROPERTIES
 STRUCTURAL DESIGN

STRESS WAVES

GS ELASTIC WAVES
 . **STRESS WAVES**
 RT ACOUSTIC EMISSION
 SHOCK LAYERS
 SHOCK WAVES
 STRESSES
 TEMPERATURE INVERSIONS
 WAVE PROPAGATION
 ∞ WAVES

STRESS-STRAIN DIAGRAMS

GS DIAGRAMS
 . **STRESS-STRAIN DIAGRAMS**
 RT AXIAL STRAIN
 HOOKES LAW
 INELASTIC STRESS
 MODULUS OF ELASTICITY
 POISSON RATIO
 PROPORTIONAL LIMIT
 SHAPE MEMORY ALLOYS
 SHEAR PROPERTIES
 STRAIN MEASUREMENT
 STRUCTURAL STRAIN
 YIELD STRENGTH

STRESS-STRAIN RELATIONSHIPS

RT ELASTIC DEFORMATION
 INTERLAMINAR STRESS
 PLANE STRAIN
 PLASTIC DEFORMATION
 ∞ RELATIONSHIPS
 RESIDUAL STRESS
 STRAIN DISTRIBUTION
 STRAIN MEASUREMENT
 STRESS CONCENTRATION
 STRESS DISTRIBUTION
 STRUCTURAL STRAIN
 YIELD STRENGTH

STRESS-STRAIN-TIME RELATIONS

RT CREEP DIAGRAMS
 NEWTONIAN FLUIDS
 THERMOVISCOELASTICITY

STRESSED-SKIN STRUCTURES

RT MONOCOQUE STRUCTURES
 SKIN (STRUCTURAL MEMBER)
 SPHERICAL SHELLS
 ∞ STRUCTURES
 THIN WALLED SHELLS

STRESSES

GS **STRESSES**
 . AXIAL STRESS
 . COMBINED STRESS
 . CRITICAL LOADING
 . INTERLAMINAR STRESS
 . PHOTOSTRESSES
 . PLANE STRESS
 . RESIDUAL STRESS
 . REYNOLDS STRESS
 . SHEAR STRESS
 . . TORSIONAL STRESS
 . TENSILE STRESS
 . THERMAL STRESSES
 . TRIAXIAL STRESSES
 . VIBRATIONAL STRESS
 RT BUCKLING
 CRACKS
 CREEP PROPERTIES
 DESTRUCTION
 FATIGUE (MATERIALS)
 ∞ FLIGHT STRESS

STRESSES--(cont.)

IMPACT
 LOADS (FORCES)
 MECHANICAL PROPERTIES
 MICROYIELD STRENGTH
 PRESTRESSING
 ROLLING CONTACT LOADS
 SHEAR PROPERTIES
 STRESS ANALYSIS
 STRESS CONCENTRATION
 STRESS CYCLES
 STRESS RELAXATION
 STRESS WAVES
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS
 TRANSVERSE LOADS
 TRIBOLUMINESCENCE
 X RAY STRESS ANALYSIS
 YIELD STRENGTH

STRETCH FORMING

RT BULGING
 COLD WORKING
 ∞ DRAWING
 METAL DRAWING
 METAL WORKING
 STRETCHING

STRETCHERS

GS MEDICAL EQUIPMENT
 . **STRETCHERS**
 RT FIRST AID

STRETCHING

UF DILATATION
 RT COLD WORKING
 DEEP DRAWING
 DILATATIONAL WAVES
 DISTORTION
 ∞ DRAWING
 DUCTILITY
 ELASTIC DEFORMATION
 ELONGATION
 METAL WORKING
 PLASTIC DEFORMATION
 STRETCH FORMING
 TEMPERING
 ∞ TENSION
 WINDING

STRIATION

RT GROOVING
 MUSCULOSKELETAL SYSTEM
 RIBBLETS
 SHATTER CONES

STRING THEORY

SN (DOES NOT INCLUDE CLASSICAL
 STRING THEORY)
 UF SUPERSTRING THEORY
 RT BOSONS
 COSMOLOGY
 FIELD THEORY (PHYSICS)
 GAUGE THEORY
 GRAND UNIFIED THEORY
 GRAVITATION THEORY
 PARTICLE THEORY
 QUANTUM CHROMODYNAMICS
 QUANTUM THEORY
 RELATIVITY
 SUPERSYMMETRY
 THEORETICAL PHYSICS
 UNIFIED FIELD THEORY

STRINGERS

GS STRUCTURAL MEMBERS
 . **STRINGERS**
 RT LONGERONS
 REINFORCEMENT (STRUCTURES)
 STRUCTURAL STABILITY

STRINGS

RT ASSEMBLIES
 CORDAGE

∞ STRIP

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT AIRPORTS
 CIRCUITS
 DISPLAY DEVICES
 METAL STRIPS
 RIBBONS
 RUNWAYS

STRIP MINING

GS MINING
 . **STRIP MINING**
 RT CLAYS
 COAL
 EARTH RESOURCES
 EXCAVATION
 EXPLOITATION
 LUNAR MINING
 MINERAL DEPOSITS
 MINES (EXCAVATIONS)
 SOILS

STRIP TRANSMISSION LINES

GS TRANSMISSION LINES
 . **STRIP TRANSMISSION LINES**
 . . MICROSTRIP TRANSMISSION LINES
 RT ANTENNA FEEDS
 TRANSMISSION CIRCUITS

STRIPPING

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANODIC STRIPPING
 ION STRIPPING
 PEELING
 STRIPPING (DISTILLATION)

STRIPPING (DISTILLATION)

GS DISTILLATION
 . **STRIPPING (DISTILLATION)**
 RT ∞ SEPARATION
 ∞ STRIPPING
 VAPORIZING

STROBOSCOPES

GS OPTICAL EQUIPMENT
 . **STROBOSCOPES**
 RT BALLISTIC CAMERAS
 HIGH SPEED CAMERAS
 OPTICAL MEASUREMENT
 SYNCHRONISM
 TIME MEASUREMENT
 VELOCITY MEASUREMENT

STROKE VOLUME

GS OUTPUT
 . CARDIAC OUTPUT
 . . **STROKE VOLUME**
 RT BLOOD VOLUME
 CARDIOVASCULAR SYSTEM
 HEART FUNCTION
 HEART RATE
 PHYSIOLOGICAL TESTS

STROKES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT CEREBRAL VASCULAR ACCIDENTS
 THERMODYNAMIC CYCLES

STROKING TESTS

GS VIBRATION TESTS
 . DAMPING TESTS
 . . **STROKING TESTS**
 RT DYNAMIC RESPONSE
 ∞ FREQUENCY RESPONSE
 MODAL RESPONSE
 SHOCK SPECTRA
 STRUCTURAL VIBRATION
 ∞ TESTS
 TRANSIENT RESPONSE
 WAVE EXCITATION

STRONG INTERACTIONS (FIELD THEORY)

GS FIELD THEORY (PHYSICS)
 . **STRONG INTERACTIONS (FIELD
 THEORY)**
 PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE
 INTERACTIONS
 . . HIGH ENERGY INTERACTIONS
 . . . **STRONG INTERACTIONS (FIELD
 THEORY)**
 RT GRAND UNIFIED THEORY
 ∞ INTERACTIONS
 NUCLEAR INTERACTIONS
 NUCLEAR REACTIONS
 ∞ THEORIES
 WEAK INTERACTIONS (FIELD THEORY)

STRONGLY COUPLED PLASMAS

GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . COLLISIONAL PLASMAS
 **STRONGLY COUPLED PLASMAS**
 . . . DENSE PLASMAS
 **STRONGLY COUPLED PLASMAS**
 RT CONTROLLED FUSION
 COSMIC PLASMA
 COUPLED MODES
 HIGH TEMPERATURE PLASMAS
 INERTIAL CONFINEMENT FUSION
 MAGNETOHYDRODYNAMIC STABILITY
 PLASMA COMPRESSION
 PLASMA CONDUCTIVITY
 PLASMA DENSITY
 PLASMA EQUILIBRIUM
 PLASMA FOCUS

STRONTIUM

GS CHEMICAL ELEMENTS
 . **STRONTIUM**
 . . STRONTIUM ISOTOPES
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 METALS
 . **STRONTIUM**
 . . STRONTIUM ISOTOPES
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90

STRONTIUM BROMIDES

GS HALOGEN COMPOUNDS
 . BROMINE COMPOUNDS
 . . BROMIDES
 . . . **STRONTIUM BROMIDES**
 . HALIDES
 . . BROMIDES
 . . . **STRONTIUM BROMIDES**
 . . METAL HALIDES
 . . . **STRONTIUM BROMIDES**
 STRONTIUM COMPOUNDS
 . **STRONTIUM BROMIDES**

STRONTIUM COMPOUNDS

GS **STRONTIUM COMPOUNDS**
 . STRONTIUM BROMIDES
 . STRONTIUM FLUORIDES
 . STRONTIUM OXIDES
 . STRONTIUM SULFIDES
 . STRONTIUM TITANATES
 . STRONTIUM ZIRCONATES
 RT ∞ ALKALINE EARTH COMPOUNDS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

STRONTIUM FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 **STRONTIUM FLUORIDES**
 STRONTIUM COMPOUNDS
 . **STRONTIUM FLUORIDES**

STRONTIUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **STRONTIUM ISOTOPES**
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 . STRONTIUM
 . . **STRONTIUM ISOTOPES**
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90
 METALS
 . STRONTIUM
 . . **STRONTIUM ISOTOPES**
 . . . STRONTIUM 85
 . . . STRONTIUM 87
 . . . STRONTIUM 89
 . . . STRONTIUM 90

STRONTIUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **STRONTIUM OXIDES**
 STRONTIUM COMPOUNDS
 . **STRONTIUM OXIDES**
 RT ∞ ALKALINE EARTH COMPOUNDS
 BSCCO SUPERCONDUCTORS
 ∞ CHEMICAL COMPOUNDS
 HIGH TEMPERATURE
 SUPERCONDUCTORS
 ∞ METAL COMPOUNDS
 MIXED OXIDES
 SUPERCONDUCTORS

STRONTIUM SULFIDES

GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **STRONTIUM SULFIDES**
 STRONTIUM COMPOUNDS
 . **STRONTIUM SULFIDES**
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **STRONTIUM SULFIDES**

STRONTIUM TITANATES

GS STRONTIUM COMPOUNDS
 . **STRONTIUM TITANATES**
 TITANIUM COMPOUNDS
 . TITANATES
 . . **STRONTIUM TITANATES**

STRONTIUM ZIRCONATES

GS STRONTIUM COMPOUNDS
 . **STRONTIUM ZIRCONATES**
 ZIRCONIUM COMPOUNDS
 . ZIRCONATES
 . . **STRONTIUM ZIRCONATES**

STRONTIUM 85

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **STRONTIUM 85**
 . . . STRONTIUM ISOTOPES
 **STRONTIUM 85**
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . **STRONTIUM 85**
 METALS
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . **STRONTIUM 85**

STRONTIUM 87

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . STRONTIUM ISOTOPES
 **STRONTIUM 87**
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . **STRONTIUM 87**
 METALS
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . **STRONTIUM 87**

STRONTIUM 88

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **STRONTIUM 88**

STRONTIUM 89

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **STRONTIUM 89**
 . . . STRONTIUM ISOTOPES
 **STRONTIUM 89**
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . **STRONTIUM 89**
 METALS
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . **STRONTIUM 89**

STRONTIUM 90

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 STRONTIUM 90
 . . . STRONTIUM ISOTOPES
 STRONTIUM 90
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . STRONTIUM 90
 METALS
 . STRONTIUM
 . . STRONTIUM ISOTOPES
 . . . STRONTIUM 90

STROUHAL NUMBER

GS RATIOS
 . DIMENSIONLESS NUMBERS
 . . STROUHAL NUMBER
 RT BACKWASH
 BUFFETING
 FLOW CHARACTERISTICS
 FLOW DISTRIBUTION
 FLOW STABILITY
 FROUDE NUMBER
 OSCILLATING FLOW
 SLIPSTREAMS
 TURBULENCE
 UNSTEADY FLOW
 VORTICES
 WAKES

STRUCTURAL ANALYSIS

UF MEMBRANE ANALOGY
 MEMBRANE THEORY
 GS STRUCTURAL ANALYSIS
 . DYNAMIC STRUCTURAL ANALYSIS
 . ENERGY METHODS
 . . BERNSTEIN ENERGY PRINCIPLE
 . . STRAIN ENERGY METHODS
 . EQUILIBRIUM METHODS
 . FLUTTER ANALYSIS
 . MATRIX METHODS
 RT ANALYZING
 CASTIGLIANO VARIATIONAL THEOREM
 CONSTRUCTION
 CONTINUUM MODELING
 CREEP ANALYSIS
 HOLE GEOMETRY (MECHANICS)
 INFLUENCE COEFFICIENT
 J INTEGRAL
 LOADING MOMENTS
 MEGAMECHANICS
 MICHELL THEOREM
 MODULAR RATIOS
 MOMENT DISTRIBUTION
 NASTRAN
 ORBITAL SPACE TESTS
 PATCH TESTS
 PLATE THEORY
 SHAPE FUNCTIONS
 SOLID MECHANICS
 STIFFNESS MATRIX
 STRESS ANALYSIS

STRUCTURAL BASINS

UF BASINS
 CLOSED BASINS
 DEPRESSIONS (TOPOGRAPHY)
 SINKS (GEOLOGY)
 GS LANDFORMS
 . STRUCTURAL BASINS
 . . CIRQUES (LANDFORMS)
 . . GREAT BASIN (US)
 . . KALAHARI BASIN (AFRICA)
 . . KARST
 . . . SINKHOLES
 . . KETTLES (GEOLOGY)
 . . LAKE CHAMPLAIN BASIN (NY-VT)
 . . RIVER BASINS
 . . . ATCHAFALAYA RIVER BASIN (LA)
 . . . CHENA RIVER BASIN (AK)
 . . . COLUMBIA RIVER BASIN (ID-OR-WA)
 . . . DELAWARE RIVER BASIN (US)
 . . . FEATHER RIVER BASIN (CA)
 . . . MISSOURI RIVER BASIN (US)
 . . . SUSQUEHANNA RIVER BASIN (MD-NY-PA)
 . . . WABASH RIVER BASIN (IL-IN-OH)
 . . . WADIS
 . . WATERSHEDS
 . . WILLISTON BASIN (NORTH AMERICA)
 RT GEOLOGY
 SEAMOUNTS

STRUCTURAL BASINS--(cont.)
VALLEYS

STRUCTURAL BEAMS

USE BEAMS (SUPPORTS)

STRUCTURAL DESIGN

GS STRUCTURAL DESIGN
 . PRESSURE VESSEL DESIGN
 RT AEROELASTIC RESEARCH WINGS
 AIRCRAFT DESIGN
 AIRFRAME MATERIALS
 ARCHITECTURE
 BREAKWATERS
 COMPUTER AIDED DESIGN
 CONSTRUCTION
 ∞ DESIGN
 HELICOPTER DESIGN
 LOFTING
 MISSILE DESIGN
 PLANT DESIGN
 PRODUCT DEVELOPMENT
 SATELLITE DESIGN
 SHIP HULLS
 SHOCK SPECTRA
 SPACE STATION STRUCTURES
 SPACECRAFT DESIGN
 SPACECRAFT STRUCTURES
 STRESS ANALYSIS
 STRESS TENSORS
 SUBSTRUCTURES
 UNDERWATER STRUCTURES
 WEIGHT REDUCTION

STRUCTURAL DESIGN CRITERIA

GS CRITERIA
 . STRUCTURAL DESIGN CRITERIA
 RT AERODYNAMIC LOADS
 AXIAL COMPRESSION LOADS
 AXIAL LOADS
 BENDING MOMENTS
 COMPRESSION LOADS
 CYCLIC LOADS
 ∞ DESIGN
 DYNAMIC LOADS
 GEOTECHNICAL ENGINEERING
 GUST LOADS
 IMPACT LOADS
 LANDING LOADS
 LOADS (FORCES)
 MASS DISTRIBUTION
 MOMENT DISTRIBUTION
 PRESSURE DISTRIBUTION
 RANDOM LOADS
 ROLLING CONTACT LOADS
 SHOCK LOADS
 STATIC LOADS
 THRUST LOADS
 TRANSIENT LOADS
 VIBRATORY LOADS

STRUCTURAL DYNAMICS

USE DYNAMIC STRUCTURAL ANALYSIS

STRUCTURAL ENGINEERING

RT AERONAUTICAL ENGINEERING
 AEROSPACE ENGINEERING
 CONSTRUCTION
 ∞ ENGINEERING
 GEOTECHNICAL ENGINEERING
 MEGAMECHANICS
 MODULAR RATIOS
 SMART STRUCTURES
 STRESS ANALYSIS

STRUCTURAL FAILURE

GS FAILURE
 . STRUCTURAL FAILURE
 RT BENDING
 BUCKLING
 COLLAPSE
 CRACKING (FRACTURING)
 CREEP PROPERTIES
 DEFORMATION
 FATIGUE (MATERIALS)
 FRACTURING
 LOAD CARRYING CAPACITY
 MECHANICAL PROPERTIES
 SYSTEM FAILURES

STRUCTURAL FATIGUE

USE FATIGUE (MATERIALS)

STRUCTURAL FOUNDATIONS

USE FOUNDATIONS

STRUCTURAL INFLUENCE COEFFICIENTS

UF SIC (COEFFICIENT)
 GS COEFFICIENTS
 . INFLUENCE COEFFICIENT
 . . STRUCTURAL INFLUENCE COEFFICIENTS

STRUCTURAL MATERIALS

USE CONSTRUCTION MATERIALS

STRUCTURAL MEMBERS

GS STRUCTURAL MEMBERS
 . BEAMS (SUPPORTS)
 . . BOX BEAMS
 . . CANTILEVER BEAMS
 . . CURVED BEAMS
 . . I BEAMS
 . . RECTANGULAR BEAMS
 . . TIMOSHENKO BEAMS
 . COLUMNS (SUPPORTS)
 . . TAPERED COLUMNS
 . FLAT PLATES
 . GIRDER
 . LONGERONS
 . MEMBRANE STRUCTURES
 . . SKIN (STRUCTURAL MEMBER)
 . PLATES (STRUCTURAL MEMBERS)
 . . ANISOTROPIC PLATES
 . . ANNULAR PLATES
 . . CANTILEVER PLATES
 . . CIRCULAR PLATES
 . . CORRUGATED PLATES
 . . ELASTIC PLATES
 . . END PLATES
 . . GIRDER WEBS
 . . METAL PLATES
 . . . BOILER PLATE
 . . ORTHOTROPIC PLATES
 . . PERFORATED PLATES
 . . PLASTIC PLATES
 . . POROUS PLATES
 . . RECTANGULAR PLATES
 . . REINFORCED PLATES
 . . SADDLES (SUPPORTS)
 . . STRAKES
 . . STRINGERS
 . . STRUTS
 . . TRUSSES
 . WING PANELS
 RT AIRCRAFT CONSTRUCTION MATERIALS
 AIRFRAME MATERIALS
 BARS
 ∞ CHANNELS
 ∞ COMPONENTS
 CONCRETES
 CONSTRUCTION
 ∞ CONSTRUCTION MATERIALS
 FASTENERS
 FOUNDATIONS
 GUY WIRES
 JOINTS (JUNCTIONS)
 MASONRY
 PYLON MOUNTING
 PYLONS
 RECTANGULAR PANELS
 REINFORCEMENT (STRUCTURES)
 RODS
 SLABS
 SMART STRUCTURES
 STIFFNESS MATRIX
 ∞ STRUCTURES
 SUBSTRUCTURES
 THICK WALLS

STRUCTURAL PROPERTIES (GEOLOGY)

UF LINEAMENT
 GS GEOLOGY
 . STRUCTURAL PROPERTIES (GEOLOGY)
 RT EARTH CORE
 EARTH CRUST
 EARTH MANTLE
 EARTH PLANETARY STRUCTURE
 EARTH SURFACE
 FISSURES (GEOLOGY)
 GEOPHYSICS
 GREAT BASIN (US)
 HYDROLOGY
 INLIERS (LANDFORMS)
 LANDFORMS
 PLANETARY COMPOSITION
 PLATES (TECTONICS)
 ∞ PROPERTIES
 ROCK MECHANICS
 SHATTER CONES
 SINKHOLES

STRUCTURAL PROPERTIES (GEOLOGY)--(cont.)
SUBDUCTION (GEOLOGY)**STRUCTURAL RELIABILITY**

GS RELIABILITY
 . **STRUCTURAL RELIABILITY**
 RT AIRCRAFT RELIABILITY
 COMPONENT RELIABILITY
 CUMULATIVE DAMAGE
 QUALITY CONTROL

STRUCTURAL RIGIDITY

USE STRUCTURAL STABILITY

STRUCTURAL STABILITY

UF STRUCTURAL RIGIDITY
 GS MECHANICAL PROPERTIES
 . DIMENSIONAL STABILITY
 . . **STRUCTURAL STABILITY**
 . . . SHELL STABILITY
 STABILITY
 . STATIC STABILITY
 . . DIMENSIONAL STABILITY
 . . . **STRUCTURAL STABILITY**
 SHELL STABILITY
 RT AIRCRAFT STABILITY
 COMBUSTION VIBRATION
 HYBRID STRUCTURES
 LOAD CARRYING CAPACITY
 LONGERONS
 PLASTIC PROPERTIES
 REINFORCEMENT (STRUCTURES)
 RESONANCE TESTING
 ∞ RIGIDITY
 STIFFNESS
 STRINGERS
 WAVE RESISTANCE

STRUCTURAL STRAIN

GS FATIGUE (MATERIALS)
 . **STRUCTURAL STRAIN**
 RT AXIAL STRAIN
 BENDING
 BUCKLING
 CRACKING (FRACTURING)
 DEFLECTION
 DEFORMATION
 ELASTIC DEFORMATION
 FAILURE
 LOAD CARRYING CAPACITY
 MOMENTS OF INERTIA
 PLASTIC DEFORMATION
 PRESTRESSING
 REINFORCEMENT (STRUCTURES)
 RUPTURING
 SHEAR STRAIN
 SHEARING
 STRAIN MEASUREMENT
 STRESS CONCENTRATION
 STRESS-STRAIN DIAGRAMS
 STRESS-STRAIN RELATIONSHIPS
 STRESSES
 SYSTEM FAILURES
 TEMPERATURE INVERSIONS
 TWISTING
 VOLUMETRIC STRAIN
 WARPAGE

STRUCTURAL VIBRATION

GS VIBRATION
 . **STRUCTURAL VIBRATION**
 . . BENDING VIBRATION
 . . BREATHING VIBRATION
 . . FLUTTER
 . . . PANEL FLUTTER
 . . . SUBSONIC FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . TRANSONIC FLUTTER
 . . LINEAR VIBRATION
 . . MISSILE VIBRATION
 . . SELF INDUCED VIBRATION
 . . . PANEL FLUTTER
 . . . SUBSONIC FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . TRANSONIC FLUTTER
 . . TORSIONAL VIBRATION
 RT AIRFOIL OSCILLATIONS
 EARTHQUAKE RESISTANT STRUCTURES
 FLEXIBLE SPACECRAFT
 FLUTTER ANALYSIS
 GYRODAMPERS
 RANDOM VIBRATION
 RESONANT VIBRATION
 ROTOR DYNAMICS
 SHAKING

STRUCTURAL VIBRATION--(cont.)

SHOCK SPECTRA
 STROKING TESTS
 VIBRATION TESTS

STRUCTURAL WEIGHT

GS WEIGHT (MASS)
 . **STRUCTURAL WEIGHT**
 .RT MASS RATIOS
 NEW MOONS PROJECT
 WEIGHT ANALYSIS
 WEIGHT REDUCTION

STRUCTURED PROGRAMMING

GS SOFTWARE ENGINEERING
 . COMPUTER PROGRAMMING
 . . **STRUCTURED PROGRAMMING**
 RT COMPUTER AIDED DESIGN
 COMPUTER PROGRAMS
 DATA STRUCTURES
 ∞ PROGRAMMING
 PROGRAMMING LANGUAGES

∞ STRUCTURES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT AIRCRAFT STRUCTURES
 ARCHITECTURE
 ATOMIC STRUCTURE
 BREAKWATERS
 BRIDGES (STRUCTURES)
 COMPOSITE STRUCTURES
 CONCRETE STRUCTURES
 CONFIGURATION INTERACTION
 CRYSTAL STRUCTURE
 EARTH PLANETARY STRUCTURE
 EARTHQUAKE RESISTANT STRUCTURES
 EXPANDABLE STRUCTURES
 FINE STRUCTURE
 FOLDING STRUCTURES
 FOUNDATIONS
 FRAMES
 GALACTIC STRUCTURE
 HONEYCOMB STRUCTURES
 HYBRID STRUCTURES
 HYPERFINE STRUCTURE
 INFLATABLE STRUCTURES
 INTRAMOLECULAR STRUCTURES
 ISOTENSOID STRUCTURES
 LARGE SPACE STRUCTURES
 MEMBRANE STRUCTURES
 MICROSTRUCTURE
 MISSILE STRUCTURES
 MOLECULAR STRUCTURE
 MONOCOQUE STRUCTURES
 PLANAR STRUCTURES
 REDUNDANT COMPONENTS
 RIGID STRUCTURES
 RING STRUCTURES
 SANDWICH STRUCTURES
 SMART STRUCTURES
 SPACE ERECTABLE STRUCTURES
 SPACE STATION STRUCTURES
 SPACECRAFT STRUCTURES
 STEEL STRUCTURES
 STELLAR STRUCTURE
 STRESSED-SKIN STRUCTURES
 STRUCTURAL MEMBERS
 SUBSTRUCTURES
 TANKS (CONTAINERS)
 TOWERS
 TRUSSES
 UNIMOLECULAR STRUCTURES
 VARIABLE GEOMETRY STRUCTURES
 WELDED STRUCTURES
 WOODEN STRUCTURES

STRUTS

GS STRUCTURAL MEMBERS
 . **STRUTS**
 RT CHASSIS
 COLUMNS (SUPPORTS)
 FRAMES
 PYLONS
 SUPPORTS
 TRUSSES

STRYCHNINE

GS BASES (CHEMICAL)
 . ALKALOIDS
 . . **STRYCHNINE**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **STRYCHNINE**

STRYCHNINE--(cont.)

ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **STRYCHNINE**
 POISONS
 . **STRYCHNINE**
 RT STIMULANTS

STS

USE SPACE TRANSPORTATION SYSTEM

STS-1

USE SPACE TRANSPORTATION SYSTEM 1
 FLIGHT

STS-2

USE SPACE TRANSPORTATION SYSTEM 2
 FLIGHT

STS-3

USE SPACE TRANSPORTATION SYSTEM 3
 FLIGHT

STS-4

USE SPACE TRANSPORTATION SYSTEM 4
 FLIGHT

STUDENTS

UF TRAINEES
 RT EDUCATION
 INSTRUCTORS
 LEARNING
 TRAINING EVALUATION
 UNIVERSITIES

STUDIES

USE INVESTIGATION

STUDS (STRUCTURAL MEMBERS)

RT ANCHORS (FASTENERS)
 BOLTS
 COLUMNS (SUPPORTS)
 FASTENERS
 HOLDERS
 LUGS
 PINS
 SCREWS
 WALLS

STUNT FLYING

USE AEROBATICS

STURM-LIOUVILLE OPERATOR

USE STURM-LIOUVILLE THEORY

STURM-LIOUVILLE THEORY

UF STURM-LIOUVILLE OPERATOR
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **STURM-LIOUVILLE THEORY**
 RT DIFFERENTIAL EQUATIONS
 LAMB WAVES
 LAME WAVE EQUATIONS
 ∞ THEORIES

STYLUSES

USE PENS

STYPHNATES

GS EXPLOSIVES
 . **STYPHNATES**
 RT ∞ CHEMICAL COMPOUNDS
 ∞ INITIATORS
 INITIATORS (EXPLOSIVES)

STYRENES

GS **STYRENES**
 . POLYSTYRENE
 . . STYROFOAM (TRADEMARK)
 RT BUNA (TRADEMARK)

STYROFOAM (TRADEMARK)

GS PLASTICS
 . POLYSTYRENE
 . . **STYROFOAM (TRADEMARK)**
 STYRENES
 . POLYSTYRENE
 . . **STYROFOAM (TRADEMARK)**
 RT FOAMS
 ∞ POLYMERS

SUBARCTIC REGIONS

GS REGIONS
RT ARCTIC REGIONS

SUBASSEMBLIES

UF SUBCIRCUITS
GS ASSEMBLIES
RT SUBASSEMBLIES
ACCESSORIES
COMPONENTS

SUBAUDIBLE FREQUENCIES

GS FREQUENCIES
SUBAUDIBLE FREQUENCIES
RANGE (EXTREMES)
FREQUENCY RANGES
SUBAUDIBLE FREQUENCIES
RT ACOUSTIC FREQUENCIES
FREQUENCY DISTRIBUTION
HARMONICS
ZERO SOUND

SUBCARRIER WAVES

USE CARRIER WAVES

SUBCIRCUITS

USE CIRCUITS
SUBASSEMBLIES

SUBCONTRACTS

GS CONTRACTS
SUBCONTRACTS
RT AGREEMENTS
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
CONTRACTORS
ESTIMATES
GRANTS
OPTIONS
PROCUREMENT

SUBCRITICAL FLOW

GS FLUID FLOW
SUBCRITICAL FLOW
RT CRITICAL FLOW
FLOW CHARACTERISTICS
GAS FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

SUBCRITICAL MASS

GS MASS
SUBCRITICAL MASS
RT CRITICAL MASS
NUCLEAR FISSION
NUCLEAR REACTIONS

SUBDIVISIONS

RT DIVISION
GROUPS
SECTIONS
SET THEORY
SUBGROUPS
SUBSIDIARIES

SUBDUCTION (GEOLOGY)

GS GEOLOGY
SUBDUCTION (GEOLOGY)
RT EARTH MANTLE
EARTHQUAKES
LITHOSPHERE
PLATES (TECTONICS)
SEISMOLOGY
STRUCTURAL PROPERTIES (GEOLOGY)
TECTONICS

SUBDWARF STARS

GS CELESTIAL BODIES
STARS
SUBDWARF STARS
RT DWARF STARS
MAIN SEQUENCE STARS
RED DWARF STARS

SUBDWARF STARS--(cont.)

WHITE DWARF STARS

SUBGIANT STARS

GS CELESTIAL BODIES
STARS
SUBGIANT STARS
RT CARBON STARS
DWARF STARS
GIANT STARS
LATE STARS
M STARS
MAIN SEQUENCE STARS
STELLAR EVOLUTION
SUPERGIANT STARS

SUBGRAVITY

USE MICROGRAVITY

SUBGROUPS

UF SUBLATTICES
GS ALGEBRA
GROUP THEORY
HOMOMORPHISMS
SUBGROUPS
RT MATRICES (MATHEMATICS)
NUMBER THEORY
PROBABILITY THEORY
SET THEORY
SUBDIVISIONS
SUBSIDIARIES

SUBHARMONIC GENERATORS

RT DAMPING
GENERATORS
HARMONIC GENERATORS
HARMONIC OSCILLATORS
HARMONICS
OSCILLATORS
SIGNAL GENERATORS
STIMULATED EMISSION DEVICES

SUBIC PROJECT

USE SUBMARINE INTEGRATED CONTROL
PROJECT

SUBJECTS

GS CLASSIFICATIONS
SUBJECTS
RT HANDBOOKS
INFORMATION RETRIEVAL
TEXTBOOKS

SUBLATTICES

USE LATTICES (MATHEMATICS)
SUBGROUPS

SUBLAYERS

USE SUBSTRATES

SUBLETHAL DOSAGE

GS DOSAGE
SUBLETHAL DOSAGE
RT DRUGS

SUBLIMATION

GS PHASE TRANSFORMATIONS
VAPORIZING
SUBLIMATION
RT ABLATION
BENEFICIATION
CONDENSING
CRYSTALLIZATION
DESORPTION
DIFFUSION
EVAPORATION
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
PHASE CHANGE MATERIALS
PURIFICATION
PYROMETALLURGY
REFINING
SEPARATION
VAPOR PRESSURE

SUBLIMINAL STIMULI

RT PSYCHOLOGY
SENSORY STIMULATION
STIMULI

SUBMARINE CABLES

GS TRANSMISSION LINES
SUBMARINE CABLES
RT CABLES

SUBMARINE CABLES--(cont.)

COAXIAL CABLES
COMMUNICATION CABLES
POWER LINES

SUBMARINE INTEGRATED CONTROL PROJECT

UF SUBIC PROJECT
GS PROGRAMS
PROJECTS
SUBMARINE INTEGRATED CONTROL
PROJECT
RT CONTROL

SUBMARINE PROPULSION

GS PROPULSION
MARINE PROPULSION
UNDERWATER PROPULSION
SUBMARINE PROPULSION

SUBMARINES

GS WATER VEHICLES
SHIPS
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
UNDERWATER VEHICLES
SUBMARINES
BALLISTIC MISSILE SUBMARINES
GUIDED MISSILE SUBMARINES
TRIDENT SUBMARINE
RT ANTISHIP MISSILES
ANTISHIP WARFARE
ANTISUBMARINE WARFARE
MILITARY VEHICLES
NAVY
NUCLEAR POWERED SHIPS
SEAFARER PROJECT
SHIP HULLS
SUBMERGED BODIES

SUBMERGED BODIES

GS SUBMERGED BODIES
DIVING (UNDERWATER)
UNDERWATER RESEARCH
LABORATORIES
RT SUBMARINES
TORPEDOES
TOWED BODIES
UNDERWATER ENGINEERING
UNDERWATER PHOTOGRAPHY
UNDERWATER STRUCTURES
UNDERWATER VEHICLES
WATER IMMERSION

SUBMERGING

UF IMMERSION
RT BATHS
DIPPING
QUENCHING (COOLING)
SINKING
SOAKING
WATER IMMERSION
WEIGHTLESSNESS SIMULATION
WETTING

SUBMERSIBLE AIRCRAFT

RT AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
LIGHT AIRCRAFT
MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

SUBMILLIMETER WAVES

SN (BELOW 1 MILLIMETER)
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
SUBMILLIMETER WAVES
RT BEAMS (RADIATION)
ELECTROMAGNETIC NOISE
FAR INFRARED RADIATION
FREQUENCIES
LARGE DEPLOYABLE REFLECTOR
MICROWAVES
MILLIMETER WAVES
WAVELENGTHS

SUBMINIATURIZATION

GS MINIATURIZATION
SUBMINIATURIZATION
RT ELECTRONIC MODULES

SUBMINIATURIZATION--(cont.)

MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
PRINTED CIRCUITS

SUBORBITAL FLIGHT

RT ∞ FLIGHT
MANNED SPACE FLIGHT
ORBITS
PARABOLIC FLIGHT
ROCKET FLIGHT
SPACE FLIGHT
WEIGHTLESSNESS

SUBREFLECTORS

RT CASSEGRAIN ANTENNAS
CONDUCTORS
REFLECTOR ANTENNAS
REFLECTORS
SCANNERS

SUBROC MISSILE

GS MISSILES
BALLISTIC MISSILES
FIELD ARMY BALLISTIC MISSILES
SUBROC MISSILE
SURFACE TO SURFACE MISSILES
FLEET BALLISTIC MISSILES
SUBROC MISSILE
UNDERWATER TO SURFACE MISSILES
SUBROC MISSILE
RT UNDERWATER TRAJECTORIES

SUBROUTINE LIBRARIES (COMPUTERS)

GS COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
SUBROUTINE LIBRARIES
(COMPUTERS)
RT SUBROUTINES

SUBROUTINES

GS COMPUTER PROGRAMS
SUBROUTINES
DATA CONVERSION ROUTINES
SUBROUTINES
RT COMPILERS
PARSING ALGORITHMS
SUBROUTINE LIBRARIES (COMPUTERS)
USER MANUALS (COMPUTER
PROGRAMS)

SUBSETS (MATHEMATICS)

USE SET THEORY

SUBSIDENCE

RT ISOSTASY
MINES (EXCAVATIONS)
SETTLING

SUBSIDIARIES

RT ∞ DIVISION
SECTIONS
SUBDIVISIONS
SUBGROUPS

∞ SUBSONIC AIRCRAFT

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT ∞ AIRCRAFT
FLYING PLATFORMS
GENERAL AVIATION AIRCRAFT
GETOL AIRCRAFT
GLIDERS
GROUND EFFECT MACHINES
HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT
PARAGLIDERS
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SUPERSONIC AIRCRAFT
TANDEM WING AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRAINING AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WATER TAKEOFF AND LANDING
AIRCRAFT

SUBSONIC FLOW

GS FLUID FLOW
SUBSONIC FLOW
RT AERODYNAMICS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
INCOMPRESSIBLE FLOW
KARMAN VORTEX STREET
TRANSONIC FLOW

SUBSONIC FLUTTER

GS VIBRATION
STRUCTURAL VIBRATION
FLUTTER
SUBSONIC FLUTTER
SELF INDUCED VIBRATION
SUBSONIC FLUTTER
RT TRANSONIC FLUTTER

SUBSONIC SPEED

SN (LESS THAN MACH 1)
GS RATES (PER TIME)
SUBSONIC SPEED
VELOCITY
SUBSONIC SPEED
RT ACOUSTIC VELOCITY
LOW SPEED
TRANSONIC SPEED

SUBSONIC WIND TUNNELS

GS TEST FACILITIES
WIND TUNNELS
LOW SPEED WIND TUNNELS
SUBSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
RECTANGULAR WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

SUBSTANCES

USE MATERIALS

SUBSTITUTES

UF SUBSTITUTION
RT ALTERNATIVES
REPLACING
VARIATIONS

SUBSTITUTION

USE SUBSTITUTES

SUBSTRATES

UF SUBLAYERS
GS STRATA
SUBSTRATES
RT COATINGS
LAMINATES
LAYERS
METALLIZING
PHOTOMASKS
PLATING
PLY ORIENTATION
PRIMERS (COATINGS)

SUBSTRUCTURES

RT FLOORS
FOUNDATIONS
STRUCTURAL DESIGN
STRUCTURAL MEMBERS
STRUCTURES
SUPPORTS
UNDERCARRIAGES
WALLS

SUBTRACTION

GS NUMBER THEORY
SUBTRACTION
RT ARITHMETIC
COMPUTATION
GAUSSIAN ELIMINATION

SUBTROPICAL REGIONS

USE TEMPERATE REGIONS
TROPICAL REGIONS

SUBURBAN AREAS

RT CITIES
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RESIDENTIAL AREAS
RURAL AREAS

SUBZERO TEMPERATURE

GS TEMPERATURE
SUBZERO TEMPERATURE
RT ABSOLUTE ZERO
ATMOSPHERIC TEMPERATURE
COLD ACCLIMATIZATION
COLD TOLERANCE
COLD WEATHER

SUCCESS PROJECT

GS PROGRAMS
PROJECTS
SUCCESS PROJECT
WEAPON SYSTEMS
SUCCESS PROJECT

SUCCINIMIDES

GS NITROGEN COMPOUNDS
AMIDES
SUCCINIMIDES
IMIDES
SUCCINIMIDES

SUCROSE

GS ORGANIC COMPOUNDS
CARBOHYDRATES
SUGARS
SUCROSE

SUCTION

RT EVACUATING (VACUUM)
PRESSURE EFFECTS
PRESSURE GRADIENTS
VACUUM
VACUUM APPARATUS
VACUUM PUMPS

SUD AVIATION AIRCRAFT

GS SUD AVIATION AIRCRAFT
ALOUETTE HELICOPTERS
SA-330 HELICOPTER
SE-3160 HELICOPTER
CONCORDE AIRCRAFT
SA-321 HELICOPTER
SE-210 AIRCRAFT
VJ-101 AIRCRAFT
RT ∞ AIRCRAFT

SUD AVIATION SA-321 HELICOPTER

USE SA-321 HELICOPTER

SUD AVIATION SA-330 HELICOPTER

USE SA-330 HELICOPTER

SUD AVIATION SE-210 AIRCRAFT

USE SE-210 AIRCRAFT

SUD AVIATION SE-3160 HELICOPTER

USE SE-3160 HELICOPTER

SUD VJ-101 AIRCRAFT

USE VJ-101 AIRCRAFT

SUDAN

GS NATIONS
SUDAN
RT AFRICA

SUDDEN ENHANCEMENT OF ATMOSPHERICS

GS ELECTROMAGNETIC INTERFERENCE
RADIO FREQUENCY INTERFERENCE
ELECTROMAGNETIC NOISE
ATMOSPHERICS
SUDDEN ENHANCEMENT OF
ATMOSPHERICS

SUDDEN IONOSPHERIC DISTURBANCES

UF GEOMAGNETIC CROTCHETS
SID (IONOSPHERIC DISTURBANCES)
GS IONOSPHERIC DISTURBANCES
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC
DISTURBANCES
STORMS
IONOSPHERIC STORMS
SUDDEN IONOSPHERIC
DISTURBANCES
RT ∞ DISTURBANCES
MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
TRAVELING IONOSPHERIC
DISTURBANCES

SUDDEN STORM COMMENCEMENTS

RT MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
SOLAR CORPUSCULAR RADIATION
SOLAR FLARES
STORMS

SUGAR BEETS

GS FARM CROPS
. SUGAR BEETS
PLANTS (BOTANY)
. SUGAR BEETS
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
EARTH RESOURCES
FARMLANDS
IRRIGATION
SEEDS
SUGARS

SUGAR CANE

GS FARM CROPS
. SUGAR CANE
PLANTS (BOTANY)
. SUGAR CANE
RT AGRICULTURE
BOTANY
CROP GROWTH
CROP VIGOR
EARTH RESOURCES
FARMLANDS
FOOD
IRRIGATION
SEEDS

SUGARS

GS ORGANIC COMPOUNDS
. CARBOHYDRATES
. SUGARS
. DEXTRANS
. INOSITOLS
. LACTOSE
. MANNITOL
. MONOSACCHARIDES
. HEXOSES
. GALACTOSE
. GLUCOSE
. PENTOSE
. RIBOSE
. XYLOSE
. SUCROSE
RT FOOD
SUGAR BEETS

SUGGESTION

GS RECOMMENDATIONS
. SUGGESTION
RT HYPNOSIS

SUHL EFFECT

RT CARRIER INJECTION
EFFECTS
ELECTRONS
EXCITONS
HOLES (ELECTRON DEFICIENCIES)
MAGNETIC FIELDS
N-TYPE SEMICONDUCTORS
RECOMBINATION REACTIONS

SUITABILITY

RT ACCEPTABILITY
COMPATIBILITY

SUITS

GS CLOTHING
. SUITS
. PRESSURE SUITS
. SPACE SUITS
. EXTRAVEHICULAR MOBILITY
UNITS
RT GARMENTS

SULFATES

GS SULFUR COMPOUNDS
. SULFATES
. ALUM
. AMMONIUM SULFATES
. BARITE
. HYDROXYLAMINE SULFATE
. LITHIUM SULFATES
. MAGNESIUM SULFATES
. HEXAHEDRITE

SULFATES--(cont.)

RT . . . SODIUM SULFATES
GYPSUM
SULFURIC ACID

SULFATION

GS CHEMICAL REACTIONS
. SULFATION
RT HYDROMETALLURGY
SULFIDATION

SULFIDATION

GS CHEMICAL REACTIONS
. SULFIDATION
RT CORROSION RESISTANCE
GAS-METAL INTERACTIONS
HEAT RESISTANT ALLOYS
NICKEL ALLOYS
SULFATION
SULFIDES

SULFIDES

GS CHALCOGENIDES
. SULFIDES
. DISULFIDES
. . . CARBON DISULFIDE
. . . INORGANIC SULFIDES
. . . BARIUM SULFIDES
. . . BISMUTH SULFIDES
. . . CADMIUM SULFIDES
. . . CALCIUM SULFIDES
. . . COPPER SULFIDES
. . . ENARGITE
. . . HYDROGEN SULFIDE
. . . INDIUM SULFIDES
. . . LEAD SULFIDES
. . . MOLYBDENUM SULFIDES
. . . MOLYBDENUM DISULFIDES
. . . POLYSULFIDES
. . . STRONTIUM SULFIDES
. . . ZINC SULFIDES
. . . WURTZITE
. . . ZINCBLLENDE
. . . PYRITES
. . . PYRRHOTITE
. . . TROILITE
SULFUR COMPOUNDS
. SULFIDES
. . . DISULFIDES
. . . CARBON DISULFIDE
. . . INORGANIC SULFIDES
. . . BARIUM SULFIDES
. . . BISMUTH SULFIDES
. . . CADMIUM SULFIDES
. . . CALCIUM SULFIDES
. . . COPPER SULFIDES
. . . ENARGITE
. . . HYDROGEN SULFIDE
. . . INDIUM SULFIDES
. . . LEAD SULFIDES
. . . MOLYBDENUM SULFIDES
. . . MOLYBDENUM DISULFIDES
. . . POLYSULFIDES
. . . STRONTIUM SULFIDES
. . . ZINC SULFIDES
. . . WURTZITE
. . . ZINCBLLENDE
. . . PYRITES
. . . PYRRHOTITE
. . . TROILITE
RT SULFIDATION
THIOPLASTICS

SULFITES

GS SULFUR COMPOUNDS
. SULFITES
. . . HYDROSULFITES
. . . SODIUM SULFITES

SULFONATES

GS ESTERS
. SULFONATES
SULFUR COMPOUNDS
. SULFONATES
RT SALTS

SULFONES

GS SULFUR COMPOUNDS
. SULFONES
RT SULFONIC ACID

SULFONIC ACID

GS ACIDS
. SULFONIC ACID
RT SULFONES

SULFONIC ACID--(cont.)

SULFUR COMPOUNDS

SULFUR

GS CHEMICAL ELEMENTS
. SULFUR
. . . SULFUR ISOTOPES

SULFUR CHLORIDES

GS HALOGEN COMPOUNDS
. CHLORINE COMPOUNDS
. . . CHLORIDES
. . . . SULFUR CHLORIDES
. . . HALIDES
. . . CHLORIDES
. . . . SULFUR CHLORIDES
SULFUR COMPOUNDS
. SULFUR CHLORIDES

SULFUR COMPOUNDS

GS SULFUR COMPOUNDS
. ORGANIC SULFUR COMPOUNDS
. SULFATES
. . . ALUM
. . . AMMONIUM SULFATES
. . . BARITE
. . . HYDROXYLAMINE SULFATE
. . . LITHIUM SULFATES
. . . MAGNESIUM SULFATES
. . . HEXAHEDRITE
. . . SODIUM SULFATES
. . . SULFIDES
. . . DISULFIDES
. . . CARBON DISULFIDE
. . . INORGANIC SULFIDES
. . . BARIUM SULFIDES
. . . BISMUTH SULFIDES
. . . CADMIUM SULFIDES
. . . CALCIUM SULFIDES
. . . COPPER SULFIDES
. . . ENARGITE
. . . HYDROGEN SULFIDE
. . . INDIUM SULFIDES
. . . LEAD SULFIDES
. . . MOLYBDENUM SULFIDES
. . . MOLYBDENUM DISULFIDES
. . . POLYSULFIDES
. . . STRONTIUM SULFIDES
. . . ZINC SULFIDES
. . . WURTZITE
. . . ZINCBLLENDE
. . . PYRITES
. . . PYRRHOTITE
. . . TROILITE
SULFITES
. . . HYDROSULFITES
. . . SODIUM SULFITES
SULFONATES
. . . SULFONES
. . . SULFUR CHLORIDES
. . . SULFUR FLUORIDES
. . . SULFUR HEXAFLUORIDE
. . . SULFUR OXIDES
. . . SULFUR DIOXIDES
. . . SULFURIC ACID
. . . THIAZINE (TRADEMARK)
. . . THIOLS
. . . CYSTEINE
. . . DIMERCAPROL
RT BLOEDITE
CHEMICAL COMPOUNDS
GROUP 6A COMPOUNDS
SULFONIC ACID

SULFUR DIOXIDES

GS CHALCOGENIDES
. OXIDES
. . . DIOXIDES
. . . . SULFUR DIOXIDES
. . . . SULFUR OXIDES
. . . . SULFUR DIOXIDES
SULFUR COMPOUNDS
. SULFUR OXIDES
. . . SULFUR DIOXIDES

SULFUR FLUORIDES

GS HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. . . FLUORIDES
. . . . SULFUR FLUORIDES
. . . . SULFUR HEXAFLUORIDE
. . . HALIDES
. . . FLUORIDES
. . . . SULFUR FLUORIDES
. . . . SULFUR HEXAFLUORIDE

SULFUR FLUORIDES--(cont.)
 GS SULFUR COMPOUNDS
 SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE

SULFUR HEXAFLUORIDE
 GS GASES
 SULFUR HEXAFLUORIDE
 HALOGEN COMPOUNDS
 FLUORINE COMPOUNDS
 FLUORIDES
 SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE
 HALIDES
 FLUORIDES
 SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE
 SULFUR COMPOUNDS
 SULFUR FLUORIDES
 SULFUR HEXAFLUORIDE
 RT ∞ CHEMICAL COMPOUNDS
 DIELECTRICS
 INFRARED SPECTROSCOPY
 LASER MATERIALS
 WORKING FLUIDS

SULFUR ISOTOPES
 GS CHEMICAL ELEMENTS
 SULFUR
 SULFUR ISOTOPES

SULFUR OXIDES
 GS CHALCOGENIDES
 OXIDES
 SULFUR OXIDES
 SULFUR DIOXIDES
 SULFUR COMPOUNDS
 SULFUR OXIDES
 SULFUR DIOXIDES
 RT ACID RAIN
 DIOXIDES

SULFURIC ACID
 GS ACIDS
 SULFURIC ACID
 SULFUR COMPOUNDS
 SULFURIC ACID
 RT SULFATES

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 GS RULES
 SUM RULES
 RT SUMS

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 GS **SUMMARIES**
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 GS SEASONS
 SUMMER
 RT AUTUMN
 HOT WEATHER
 SOLSTICES
 SPRING (SEASON)
 WINTER

SUMPS
 RT DRAINAGE
 PITS (EXCAVATIONS)
 WASTE DISPOSAL

SUMS
 RT ALGEBRA
 AMOUNT
 ARITHMETIC
 COMPUTATION
 SERIES (MATHEMATICS)
 SUM RULES

SUN
 UF SOLAR DISK
 GS CELESTIAL BODIES
 STARS
 G STARS
 SUN

SUN--(cont.)
 RT MAIN SEQUENCE STARS
 SUN
 AOSO
 ASTEC SOLAR TURBOELECTRIC
 GENERATOR
 CELESTIAL MECHANICS
 GRIST (TELESCOPE)
 LIGHT SOURCES
 OSO
 PHOTOSPHERE
 PLANETS
 SATELLITE SOLAR ENERGY
 CONVERSION
 SATELLITE SOLAR POWER STATIONS
 SOLAR ACTIVITY
 SOLAR ACTIVITY EFFECTS
 SOLAR ARRAYS
 SOLAR ATMOSPHERE
 SOLAR ATRIUMS
 SOLAR AUXILIARY POWER UNITS
 SOLAR BLANKETS
 SOLAR CELLS
 SOLAR COLLECTORS
 SOLAR COMPASSES
 SOLAR CONSTANT
 SOLAR COOLING
 SOLAR CORONA
 SOLAR CORPUSCULAR RADIATION
 SOLAR COSMIC RAYS
 SOLAR CYCLES
 SOLAR ECLIPSES
 SOLAR ELECTRIC PROPULSION
 SOLAR ELECTRONS
 SOLAR ENERGY
 SOLAR ENERGY ABSORBERS
 SOLAR ENERGY CONVERSION
 SOLAR FLARES
 SOLAR FLUX
 SOLAR FLUX DENSITY
 SOLAR FURNACES
 SOLAR GENERATORS
 SOLAR GRANULATION
 SOLAR GRAVITATION
 SOLAR HEATING
 SOLAR HOUSES
 SOLAR INSTRUMENTS
 SOLAR INTERIOR
 SOLAR LIMB
 SOLAR LONGITUDE
 SOLAR MAGNETIC FIELD
 SOLAR MAXIMUM MISSION
 SOLAR MAXIMUM MISSION-A
 SOLAR MESOSPHERE EXPLORER
 SOLAR NEIGHBORHOOD
 SOLAR NEUTRINOS
 SOLAR OBLATENESS
 SOLAR OBSERVATORIES
 SOLAR ORBITS
 SOLAR OSCILLATIONS
 SOLAR PARALLAX
 SOLAR PHYSICS
 SOLAR PONDS (HEAT STORAGE)
 SOLAR POSITION
 SOLAR POWER SATELLITES
 SOLAR POWERED AIRCRAFT
 SOLAR PROBES
 SOLAR PROMINENCES
 SOLAR PROPULSION
 SOLAR PROTONS
 SOLAR RADAR ECHOES
 SOLAR RADIATION
 SOLAR RADIATION SHIELDING
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 SOLAR RADIO BURSTS
 SOLAR REFLECTORS
 SOLAR ROTATION
 SOLAR SAILS
 SOLAR SEA POWER PLANTS
 SOLAR SENSORS
 SOLAR SIMULATION
 SOLAR SIMULATORS
 SOLAR SPECTRA
 SOLAR SPECTROMETERS
 SOLAR STORMS
 SOLAR SYSTEM
 SOLAR SYSTEM EVOLUTION
 SOLAR TEMPERATURE
 SOLAR TERRESTRIAL INTERACTIONS
 SOLAR THERMAL PROPULSION
 SOLAR TOTAL ENERGY SYSTEMS
 SOLAR VELOCITY
 SOLAR WIND
 SOLAR WIND VELOCITY
 SOLAR X-RAYS

SUN--(cont.)
 SUNLIGHT
 ULYSSES MISSION

SUN SENSORS
 USE SOLAR SENSORS

SUNBLAZER SPACE PROBE
 GS UNMANNED SPACECRAFT
 SPACE PROBES
 SOLAR PROBES
 SUNBLAZER SPACE PROBE
 RT MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

SUNFLOWERS
 GS FARM CROPS
 SUNFLOWERS
 PLANTS (BOTANY)
 SUNFLOWERS
 RT AGRICULTURE
 CROP IDENTIFICATION
 ∞ CROPS
 EARTH RESOURCES

SUNGLASSES
 RT EYE PROTECTION
 EYEPieces
 GOGGLES
 OPTICAL FILTERS
 VISORS

SUNLIGHT
 GS ELECTROMAGNETIC RADIATION
 LIGHT (VISIBLE RADIATION)
 SUNLIGHT
 EXTRATERRESTRIAL RADIATION
 SOLAR RADIATION
 SUNLIGHT
 RT BLACK BODY RADIATION
 CIRCUMSOLAR RADIATION
 CLIMATOLOGY
 CLOUD COVER
 INFRARED RADIATION
 INSOLATION
 SKY
 SKY BRIGHTNESS
 SKY RADIATION
 SOLAR HEATING
 SUN
 THERMAL RADIATION
 ULTRAVIOLET RADIATION
 UMKEHR EFFECT
 ZODIACAL LIGHT

SUNRISE
 RT MORNING
 ∞ SCIENCE
 SUNSET
 TERMINATOR LINES

SUNSET
 RT EVENING
 ∞ SCIENCE
 SUNRISE
 TERMINATOR LINES

SUNSPOT CYCLE
 GS CYCLES
 SOLAR CYCLES
 SUNSPOT CYCLE
 RT SOLAR ACTIVITY
 STARSPOTS
 STELLAR ACTIVITY

SUNSPOTS
 GS STELLAR ACTIVITY
 SOLAR ACTIVITY
 SUNSPOTS
 STARSPOTS
 SUNSPOTS
 RT FACULAE
 MAGNETIC DISTURBANCES
 PHOTOSPHERE
 SOLAR CYCLES
 SOLAR FLARES
 SOLAR TERRESTRIAL INTERACTIONS
 TWENTY-SEVEN DAY VARIATION

SUPER FORTRESS AIRCRAFT
 USE RB-50 AIRCRAFT

SUPER SABRE AIRCRAFT
 USE F-100 AIRCRAFT

SUPERALLOYS

USE HEAT RESISTANT ALLOYS

SUPERCavitating Flow

UF SUPERCavitation

GS FLUID FLOW

. TURBULENT FLOW

. . . **SUPERCavitating Flow**

RT CAVITATION FLOW

HYDROFOIL OSCILLATIONS

SUPERCavitation

USE SUPERCavitating Flow

SUPERCHARGERS

UF SUPERCHARGING

TURBOCHARGERS

GS COMPRESSORS

. **SUPERCHARGERS**

RT AIR INTAKES

BLOWERS

CENTRIFUGAL COMPRESSORS

COMPRESSING

INTERNAL COMBUSTION ENGINES

TURBOCOMPRESSORS

TURBOMACHINERY

SUPERCHARGING

USE SUPERCHARGERS

SUPERCOMPUTERS

GS DATA PROCESSING EQUIPMENT

. COMPUTERS

. . . **SUPERCOMPUTERS**

. . . CONNECTION MACHINE

. . . CRAY COMPUTERS

RT ARCHITECTURE (COMPUTERS)

HYPERCUBE MULTIPROCESSORS

MULTIPROCESSING (COMPUTERS)

PARALLEL PROCESSING (COMPUTERS)

SUPERCONDUCTING CAVITY RESONATORS

GS RESONATORS

. CAVITY RESONATORS

. . . **SUPERCONDUCTING CAVITY****RESONATORS**

SUPERCONDUCTING DEVICES

. **SUPERCONDUCTING CAVITY****RESONATORS**

RT MICROWAVE OSCILLATORS

OSCILLATORS

SUPERCONDUCTING FILMS

SUPERCONDUCTING MAGNETS

SUPERCONDUCTING DEVICESGS **SUPERCONDUCTING DEVICES**

. SIS (SUPERCONDUCTORS)

. SQUID (DETECTORS)

. SUPERCONDUCTING CAVITY

RESONATORS

. SUPERCONDUCTING MAGNETS

RT SUPERCONDUCTING FILMS

SUPERCONDUCTING POWER

TRANSMISSION

SUPERCONDUCTING SUPER COLLIDER

TUNNEL JUNCTIONS

SUPERCONDUCTING FILMS

RT BSCCO SUPERCONDUCTORS

∞ FILMS

LASER DEPOSITION

PULSED LASER DEPOSITION

SEMICONDUCTING FILMS

SUPERCONDUCTING CAVITY

RESONATORS

SUPERCONDUCTING DEVICES

SUPERCONDUCTORS

THICK FILMS

THIN FILMS

YBCO SUPERCONDUCTORS

SUPERCONDUCTING MAGNETS

GS MAGNETS

. ELECTROMAGNETS

. . . **SUPERCONDUCTING MAGNETS**

SUPERCONDUCTING DEVICES

. **SUPERCONDUCTING MAGNETS**

RT CRYOGENIC MAGNETS

FLUX PUMPS

HIGH FIELD MAGNETS

HIGH TEMPERATURE

SUPERCONDUCTORS

MAGNET COILS

MAGNETIC ENERGY STORAGE

SUPERCONDUCTING MAGNETS--(cont.)

SUPERCONDUCTING CAVITY

RESONATORS

SUPERCONDUCTING SUPER COLLIDER

SUPERCONDUCTING POWER TRANSMISSION

RT ∞ CONDUCTIVITY

CRYOGENICS

ELECTRIC POWER TRANSMISSION

HIGH TEMPERATURE

SUPERCONDUCTORS

LOW TEMPERATURE PHYSICS

POWER LINES

SUPERCONDUCTING DEVICES

TRANSITION TEMPERATURE

TRANSMISSION LINES

SUPERCONDUCTING QUANTUM**INTERFEROMETERS**

USE SQUID (DETECTORS)

SUPERCONDUCTING SUPER COLLIDER

GS PARTICLE ACCELERATORS

. **SUPERCONDUCTING SUPER COLLIDER**

RT STORAGE RINGS (PARTICLE

ACCELERATORS)

SUPERCONDUCTING DEVICES

SUPERCONDUCTING MAGNETS

SUPERCONDUCTIVITY

UF MEISSNER EFFECT

GS ELECTRICAL PROPERTIES

. ELECTRICAL RESISTIVITY

. . . **SUPERCONDUCTIVITY**

. . . KONDO EFFECT

TRANSPORT PROPERTIES

. ELECTRICAL RESISTIVITY

. . . **SUPERCONDUCTIVITY**

. . . KONDO EFFECT

RT ABRIKOSOV THEORY

BCS THEORY

BLOCH BAND

∞ CONDUCTIVITY

CRYOGENICS

CRYOTRONS

ELECTRON PHONON INTERACTIONS

ELECTRON TUNNELING

FLUX PINNING

FLUX PUMPS

GALLIUM ALLOYS

HIGH TEMPERATURE

SUPERCONDUCTORS

JOSEPHSON JUNCTIONS

LANDAU FACTOR

LANDAU-GINZBURG EQUATIONS

LOW TEMPERATURE PHYSICS

∞ SOLID STATE PHYSICS

SPIN GLASS

TRANSITION TEMPERATURE

TRAPPED MAGNETIC FIELDS

VECTOR CURRENTS

VORTICES

YBCO SUPERCONDUCTORS

SUPERCONDUCTOR INSULATOR**SUPERCONDUCTORS**

USE SIS (SUPERCONDUCTORS)

SUPERCONDUCTORS

GS CONDUCTORS

. **SUPERCONDUCTORS**

. . . HIGH TEMPERATURE

SUPERCONDUCTORS

. . . BSCCO SUPERCONDUCTORS

. . . YBCO SUPERCONDUCTORS

. . . ORGANIC SUPERCONDUCTORS

RT ABRIKOSOV THEORY

CARRIER MOBILITY

CRYOGENIC COMPUTER STORAGE

CRYOTRONS

ELECTRON GAS

ENERGY STORAGE

FLUX QUANTIZATION

PINNING

PROXIMITY EFFECT (ELECTRICITY)

SOLID STATE DEVICES

SQUID (DETECTORS)

STRONTIUM OXIDES

SUPERCONDUCTING FILMS

THERMODYNAMIC COUPLING

SUPERCOOLING

GS COOLING

. **SUPERCOOLING**

. . . CRYOGENIC COOLING

SUPERCOOLING--(cont.)

RT AGING (METALLURGY)

AITKEN NUCLEI

CONDENSING

CONVECTION CLOUDS

CRYSTALLIZATION

HEAT TREATMENT

MECHANICAL PROPERTIES

NUCLEATION

QUENCHING (COOLING)

SUPERSATURATION

SUPERCritical AIRFOILS

GS AIRFOILS

. **SUPERCritical AIRFOILS**

. . . SUPERCritical WINGS

RT AIRFOIL PROFILES

SUPERCritical FLOW

GS FLUID FLOW

. **SUPERCritical FLOW**

RT CRITICAL FLOW

FLOW CHARACTERISTICS

GAS FLOW

LIQUID FLOW

MULTIPHASE FLOW

ORIFICE FLOW

PIPE FLOW

PRESSURE GRADIENTS

SINGLE-PHASE FLOW

STEADY FLOW

STEAM FLOW

SUBCRITICAL FLOW

TURBULENT FLOW

UNSTEADY FLOW

SUPERCritical FLUIDS

RT FLUID MECHANICS

∞ FLUIDS

SOLUBILITY

SUPERCritical PRESSURES

SUPERCritical PRESSURES

GS PRESSURE

. **SUPERCritical PRESSURES**

THERMODYNAMIC PROPERTIES

. THERMOPHYSICAL PROPERTIES

. . . **SUPERCritical PRESSURES**

RT CRITICAL PRESSURE

HIGH PRESSURE

LIQUID PHASES

SUPERCritical FLUIDS

VAPOR PHASES

VAPOR PRESSURE

SUPERCritical WINGS

GS AIRFOILS

. SUPERCritical AIRFOILS

. . . **SUPERCritical WINGS**

. WINGS

. . . **SUPERCritical WINGS**

RT CL-600 CHALLENGER AIRCRAFT

SPANLOADER AIRCRAFT

WING PROFILES

∞ WINGED VEHICLES

SUPERFLUID FLOW

USE SUPERFLUIDITY

SUPERFLUIDITY

UF SUPERFLUID FLOW

RT COMPRESSIBLE FLUIDS

∞ FLUIDS

INCOMPRESSIBLE FLUIDS

KELVIN-HELMHOLTZ INSTABILITY

LIQUID HELIUM

LIQUID HELIUM 2

MANY BODY PROBLEM

QUANTUM STATISTICS

TWO FLUID MODELS

VISCOSITY

VORTICES

SUPERGIANT STARS

GS CELESTIAL BODIES

. STARS

. . . **SUPERGIANT STARS**

. . . R CORONAE BOREALIS STARS

RT GIANT STARS

K STARS

M STARS

MASSIVE STARS

MIRA VARIABLES

SUBGIANT STARS

SUPERGRAVITY

- GS GRAVITATION THEORY
- SUPERGRAVITY**
- RT BROKEN SYMMETRY
- COSMOLOGY
- FIELD THEORY (PHYSICS)
- GAUGE INVARIANCE
- GAUGE THEORY
- GRAVITINOS
- GRAVITONS
- GROUP THEORY
- LIE GROUPS
- PARTICLE THEORY
- QUANTUM THEORY
- RELATIVITY
- SUPERSYMMETRY
- THEORETICAL PHYSICS
- UNIFIED FIELD THEORY
- YANG-MILLS THEORY

SUPERHARMONICS

- GS HARMONICS
- SUPERHARMONICS**
- RT CYCLES
- FREQUENCIES
- MACH NUMBER
- SUPERSONIC WIND TUNNELS
- SUPERSONICS

SUPERHEATING

- GS HEATING
- SUPERHEATING**
- RT STEAM

SUPERHETERODYNE RECEIVERS

- GS COMMUNICATION EQUIPMENT
- RADIO RECEIVERS
- SUPERHETERODYNE RECEIVERS**
- RADIO EQUIPMENT
- RADIO RECEIVERS
- SUPERHETERODYNE RECEIVERS**
- RECEIVERS
- RADIO RECEIVERS
- SUPERHETERODYNE RECEIVERS**
- RT BEAT FREQUENCIES
- HETERODYNING

SUPERHIGH FREQUENCIES

- SN (3 TO 30 GHZ)
- UF KU BAND
- S BAND
- X BAND
- GS FREQUENCIES
- RADIO FREQUENCIES
- MICROWAVE FREQUENCIES
- SUPERHIGH FREQUENCIES**
- RT C BAND
- CENTIMETER WAVES
- UNIFIED S BAND
- VSAT (NETWORK)

SUPERHYBRID MATERIALS

- GS COMPOSITE MATERIALS
- SUPERHYBRID MATERIALS**
- GRAPHITE-EPOXY COMPOSITES
- RT BORON-EPOXY COMPOSITES
- CARBON FIBER REINFORCED PLASTICS
- FIBER COMPOSITES
- HYBRID COMPOSITES
- ∞ MATERIALS
- REINFORCING FIBERS

SUPERIMPOSITION (MATHEMATICS)

- USE SUPERPOSITION (MATHEMATICS)

SUPERLATTICES

- GS CRYSTAL LATTICES
- SUPERLATTICES**
- SEMICONDUCTORS (MATERIALS)
- SUPERLATTICES**
- RT CRYSTAL DISLOCATIONS
- CRYSTAL STRUCTURE
- GALLIUM ARSENIDES
- LATTICE PARAMETERS

SUPERMAGNETS

- USE HIGH FIELD MAGNETS

SUPERMASSIVE STARS

- GS CELESTIAL BODIES
- STARS
- SUPERMASSIVE STARS**
- RT DEGENERATE MATTER
- MASSIVE STARS

SUPERMASSIVE STARS--(cont.)

- STELLAR MODELS
- STELLAR STRUCTURE

SUPERNOVA REMNANTS

- RT BLACK HOLES (ASTRONOMY)
- NEUTRON STARS
- NORTH POLAR SPUR (ASTRONOMY)
- PULSARS
- RED DWARF STARS
- SUPERNOVAE
- WHITE DWARF STARS
- WHITE HOLES (ASTRONOMY)

SUPERNOVA 1987A

- GS CELESTIAL BODIES
- STARS
- VARIABLE STARS
- SUPERNOVAE
- SUPERNOVA 1987A**
- RT MAGELLANIC CLOUDS

SUPERNOVAE

- GS CELESTIAL BODIES
- STARS
- VARIABLE STARS
- SUPERNOVAE**
- SUPERNOVA 1987A**
- RT CRAB NEBULA
- GRAVITATIONAL COLLAPSE
- NEBULAE
- NOVAE
- OPIK THEORY
- ORION NEBULA
- STELLAR MASS
- STELLAR MASS EJECTION
- STELLAR PHYSICS
- SUPERNOVA REMNANTS

SUPEROXIDES

- USE INORGANIC PEROXIDES

SUPERPLASTICITY

- GS MECHANICAL PROPERTIES
- PLASTIC PROPERTIES
- SUPERPLASTICITY**
- RT CREEP PROPERTIES
- CRYSTAL DISLOCATIONS
- ELONGATION
- EUTECTIC ALLOYS
- HEAT RESISTANT ALLOYS
- PLASTIC DEFORMATION
- PLASTIC FLOW

SUPERPOSITION (MATHEMATICS)

- UF SUPERIMPOSITION (MATHEMATICS)
- RT EQUIVALENT CIRCUITS
- LINEAR CIRCUITS
- MATHEMATICS
- NETWORK ANALYSIS
- NETWORK SYNTHESIS

SUPERPRESSURE BALLOONS

- UF CONSTANT VOLUME BALLOONS
- TETROONS
- GS EXPANDABLE STRUCTURES
- INFLATABLE STRUCTURES
- BALLOONS
- HIGH ALTITUDE BALLOONS
- SUPERPRESSURE BALLOONS**
- RT BALLOON SOUNDING
- METEOROLOGICAL BALLOONS

SUPERROTATION

- RT ATMOSPHERIC CIRCULATION
- EARTH ATMOSPHERE
- EARTH ROTATION
- ROTATING FLUIDS

SUPERSATURATION

- RT CONDENSING
- CRYSTALLIZATION
- HEAT TREATMENT
- MAYER PROBLEM
- PRECIPITATION (CHEMISTRY)
- PRECIPITATION HARDENING
- QUENCHING (COOLING)
- SOLID SOLUTIONS
- SUPERCOOLING

SUPERSONIC AIRCRAFT

- SN (AIRCRAFT DESIGNED TO FLY AT SPEEDS ABOVE MACH 1 AND BELOW MACH 5)

SUPERSONIC AIRCRAFT--(cont.)

- UF TRANSONIC AIRCRAFT
- GS **SUPERSONIC AIRCRAFT**
- A-5 AIRCRAFT
- B-58 AIRCRAFT
- B-70 AIRCRAFT
- BOEING 733 AIRCRAFT
- D-558 AIRCRAFT
- F-5 AIRCRAFT
- F-8 AIRCRAFT
- F-14 AIRCRAFT
- F-15 AIRCRAFT
- F-16 AIRCRAFT
- F-17 AIRCRAFT
- F-22 AIRCRAFT
- F-100 AIRCRAFT
- F-101 AIRCRAFT
- F-102 AIRCRAFT
- F-104 AIRCRAFT
- F-106 AIRCRAFT
- F-111 AIRCRAFT
- FIREBEE 2 TARGET DRONE AIRCRAFT
- G-95/4 AIRCRAFT
- JAGUAR AIRCRAFT
- MIG AIRCRAFT
- MIRAGE AIRCRAFT
- MIRAGE 3 AIRCRAFT
- NORD 1500 AIRCRAFT
- P-1154 AIRCRAFT
- PHANTOM AIRCRAFT
- F-4 AIRCRAFT
- RF-4 AIRCRAFT
- SAAB 37 AIRCRAFT
- SR-71 AIRCRAFT
- SUPERSONIC TRANSPORTS
- CL-823 AIRCRAFT
- CONCORDE AIRCRAFT
- L-2000 AIRCRAFT
- SUPERSONIC COMMERCIAL AIRCRAFT
- TRANSPORT
- BOEING 2707 AIRCRAFT
- T-38 AIRCRAFT
- TSR-2 AIRCRAFT
- VJ-101 AIRCRAFT
- X-1 AIRCRAFT
- X-2 AIRCRAFT
- X-3 AIRCRAFT
- X-15 AIRCRAFT
- RT ∞ AIRCRAFT
- ATTACK AIRCRAFT
- FIGHTER AIRCRAFT
- HYPERSONIC AIRCRAFT
- JET AIRCRAFT
- PASSENGER AIRCRAFT
- RECONNAISSANCE AIRCRAFT
- RESEARCH AIRCRAFT
- SUBSONIC AIRCRAFT
- SUPERSONIC CRUISE AIRCRAFT
- RESEARCH
- SUPERSONICS
- SWEEPBACK WINGS
- TRANSPORT AIRCRAFT
- TRAPEZOIDAL TAIL SURFACES
- VARIABLE CYCLE ENGINES
- VARIABLE STREAM CONTROL ENGINES

SUPERSONIC AIRFOILS

- GS AIRFOILS
- SUPERSONIC AIRFOILS**
- RT SWEEPBACK
- SWEEPBACK TAIL SURFACES
- SWEEPBACK WINGS

SUPERSONIC BOUNDARY LAYERS

- GS BOUNDARY LAYERS
- SUPERSONIC BOUNDARY LAYERS**
- RT FLUID FLOW
- LAMINAR BOUNDARY LAYER
- SUPERSONICS
- TURBULENT BOUNDARY LAYER
- TWO DIMENSIONAL BOUNDARY LAYER

SUPERSONIC COMBUSTION

- GS COMBUSTION
- SUPERSONIC COMBUSTION**
- RT ENGINES
- FUEL COMBUSTION

SUPERSONIC COMBUSTION RAMJET ENGINES

- UF SCRAMJET ENGINES
- SCRAMJETS
- GS ENGINES
- AIR BREATHING ENGINES
- GAS TURBINE ENGINES
- JET ENGINES

SUPERSONIC COMBUSTION RAMJET--(cont.)

... RAMJET ENGINES
 ... **SUPERSONIC COMBUSTION RAMJET ENGINES**
 . INTERNAL COMBUSTION ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . RAMJET ENGINES
 . **SUPERSONIC COMBUSTION RAMJET ENGINES**
 . TURBINE ENGINES
 . GAS TURBINE ENGINES
 . JET ENGINES
 . RAMJET ENGINES
 . **SUPERSONIC COMBUSTION RAMJET ENGINES**
 RT COMBUSTION
 MISSILES
 RAMJET MISSILES
 ∞ SCRAM

SUPERSONIC COMMERCIAL AIR TRANSPORT

UF SCAT
 GS COMMERCIAL AIRCRAFT
 . **SUPERSONIC COMMERCIAL AIR TRANSPORT**
 . BOEING 2707 AIRCRAFT
 . TU-144 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . SUPERSONIC TRANSPORTS
 . **SUPERSONIC COMMERCIAL AIR TRANSPORT**
 . BOEING 2707 AIRCRAFT

SUPERSONIC COMPRESSORS

GS COMPRESSORS
 . **SUPERSONIC COMPRESSORS**
 RT OBLIQUE SHOCK WAVES
 TRANSONIC COMPRESSORS
 TURBOCOMPRESSORS

SUPERSONIC CRUISE AIRCRAFT RESEARCH

UF SCAR PROGRAM
 GS PROGRAMS
 . NASA PROGRAMS
 . **SUPERSONIC CRUISE AIRCRAFT RESEARCH**
 RT ∞ AIRCRAFT
 SUPERSONIC AIRCRAFT
 SUPERSONIC TRANSPORTS

SUPERSONIC DIFFUSERS

RT AIR INTAKES
 ∞ DIFFUSERS
 EXHAUST DIFFUSERS
 FLOW STABILITY
 VANELESS DIFFUSERS

SUPERSONIC DRAG

GS AERODYNAMIC CHARACTERISTICS
 . AERODYNAMIC DRAG
 . **SUPERSONIC DRAG**
 AERODYNAMIC FORCES
 . AERODYNAMIC DRAG
 . **SUPERSONIC DRAG**
 DYNAMIC CHARACTERISTICS
 . DRAG
 . FRICTION DRAG
 . AERODYNAMIC DRAG
 . **SUPERSONIC DRAG**
 . PRESSURE DRAG
 . **SUPERSONIC DRAG**
 FRICTION
 . FLOW RESISTANCE
 . FRICTION DRAG
 . AERODYNAMIC DRAG
 . **SUPERSONIC DRAG**
 . SKIN FRICTION
 . FRICTION DRAG
 . AERODYNAMIC DRAG
 . **SUPERSONIC DRAG**
 RT INTERFERENCE DRAG
 WAVE DRAG

SUPERSONIC FLIGHT

RT CAUSTIC LINES
 ∞ FLIGHT
 HYPERSONIC FLIGHT
 JET LAG
 MACH CONES
 MISSILES
 ROCKET FLIGHT
 SONIC BOOMS
 SUPERSONICS
 TRANSONIC FLIGHT

SUPERSONIC FLOW

GS FLUID FLOW
 . **SUPERSONIC FLOW**
 RT AERODYNAMICS
 COMPRESSIBILITY EFFECTS
 COMPRESSIBLE FLOW
 FLOW VELOCITY
 GAS FLOW
 HYPERSONIC FLOW
 HYPERVELOCITY FLOW
 MACH CONES
 PRANDTL-MEYER EXPANSION
 SECONDARY INJECTION
 SHOCK WAVES
 TRANSONIC FLOW
 WEDGE FLOW
 WIND TUNNELS

SUPERSONIC FLOW INLETS

USE SUPERSONIC INLETS

SUPERSONIC FLUTTER

GS VIBRATION
 . STRUCTURAL VIBRATION
 . FLUTTER
 . **SUPERSONIC FLUTTER**
 . SELF INDUCED VIBRATION
 . **SUPERSONIC FLUTTER**
 RT MISSILE VIBRATION
 TRANSONIC FLUTTER

SUPERSONIC HEAT TRANSFER

GS TRANSMISSION
 . HEAT TRANSMISSION
 . HEAT TRANSFER
 . AERODYNAMIC HEAT TRANSFER
 . **SUPERSONIC HEAT TRANSFER**
 RT HYPERSONIC HEAT TRANSFER
 SUPERSONICS

SUPERSONIC INLETS

UF SUPERSONIC FLOW INLETS
 TRANSONIC INLETS
 GS INTAKE SYSTEMS
 . AIR INTAKES
 . **SUPERSONIC INLETS**
 RT BYPASS RATIO
 HYPERSONIC INLETS
 INLET AIRFRAME CONFIGURATIONS
 INLET FLOW
 INTERNAL COMPRESSION INLETS
 NOSE INLETS
 SIDE INLETS

SUPERSONIC JET FLOW

GS FLUID FLOW
 . JET FLOW
 . **SUPERSONIC JET FLOW**
 RT GAS FLOW
 NOZZLE FLOW

SUPERSONIC LOW ALTITUDE MISSILE

UF SLAM
 GS MISSILES
 . RAMJET MISSILES
 . **SUPERSONIC LOW ALTITUDE MISSILE**
 . SURFACE TO SURFACE MISSILES
 . **SUPERSONIC LOW ALTITUDE MISSILE**
 RT NUCLEAR RAMJET ENGINES
 PLUTO REACTORS
 RAMJET ENGINES

SUPERSONIC NOZZLES

RT COAXIAL NOZZLES
 CONICAL NOZZLES
 CONVERGENT-DIVERGENT NOZZLES
 HYPERSONIC NOZZLES
 ∞ NOZZLES
 ROCKET NOZZLES
 SONIC NOZZLES
 TRANSONIC NOZZLES
 VARIABLE STREAM CONTROL ENGINES
 WIND TUNNEL NOZZLES

SUPERSONIC SPEED

SN (BETWEEN MACH 1 AND 4.9)
 GS RATES (PER TIME)
 . **SUPERSONIC SPEED**
 VELOCITY
 . **SUPERSONIC SPEED**
 RT ACOUSTIC VELOCITY
 HIGH SPEED
 HYPERSONIC SPEED

SUPERSONIC SPEED--(cont.)

HYPERSONICS
 SUPERSONICS
 TRANSONIC SPEED

SUPERSONIC TEST APPARATUS

RT HYPERSONIC TEST APPARATUS
 SUPERSONICS
 ∞ TEST EQUIPMENT
 WIND TUNNEL APPARATUS

SUPERSONIC TRANSPORTS

GS SUPERSONIC AIRCRAFT
 . **SUPERSONIC TRANSPORTS**
 . CL-823 AIRCRAFT
 . CONCORDE AIRCRAFT
 . L-2000 AIRCRAFT
 . SUPERSONIC COMMERCIAL AIR TRANSPORT
 . BOEING 2707 AIRCRAFT
 RT CARGO AIRCRAFT
 COMMERCIAL AIRCRAFT
 PASSENGER AIRCRAFT
 SUPERSONIC CRUISE AIRCRAFT
 RESEARCH

SUPERSONIC TURBINES

UF TRANSONIC TURBINES
 GS TURBOMACHINERY
 . TURBINES
 . **SUPERSONIC TURBINES**
 RT GAS TURBINE ENGINES
 GAS TURBINES

SUPERSONIC WAKES

GS WAKES
 . **SUPERSONIC WAKES**
 RT AIRCRAFT WAKES
 HYPERSONIC WAKES

SUPERSONIC WIND TUNNELS

GS TEST FACILITIES
 . WIND TUNNELS
 . **SUPERSONIC WIND TUNNELS**
 RT BLOWDOWN WIND TUNNELS
 HYPERSONIC WIND TUNNELS
 HYPERVELOCITY WIND TUNNELS
 LOW DENSITY WIND TUNNELS
 SHOCK TUNNELS
 SLOTTED WIND TUNNELS
 SUBSONIC WIND TUNNELS
 SUPERHARMONICS
 TRANSONIC WIND TUNNELS

SUPERSONICS

GS FLUID MECHANICS
 . FLUID DYNAMICS
 . GAS DYNAMICS
 . AERODYNAMICS
 . **SUPERSONICS**
 RT AEROTHERMODYNAMICS
 HYPERSONICS
 MACH CONES
 SUPERHARMONICS
 SUPERSONIC AIRCRAFT
 SUPERSONIC BOUNDARY LAYERS
 SUPERSONIC FLIGHT
 SUPERSONIC HEAT TRANSFER
 SUPERSONIC SPEED
 SUPERSONIC TEST APPARATUS

SUPERSTRING THEORY

USE STRING THEORY

SUPERSYMMETRY

GS SYMMETRY
 . **SUPERSYMMETRY**
 RT BOSONS
 BROKEN SYMMETRY
 COSMOLOGY
 FERMIONS
 FIELD THEORY (PHYSICS)
 GAUGE THEORY
 GRAND UNIFIED THEORY
 GRAVITATION THEORY
 GROUP THEORY
 LIE GROUPS
 PARTICLE THEORY
 QUANTUM THEORY
 STRING THEORY
 SUPERGRAVITY
 THEORETICAL PHYSICS
 UNIFIED FIELD THEORY

SUPINE POSITION

RT ACCELERATION PROTECTION
PRONE POSITION
REST
SITTING POSITION

SUPPLEMENTS

GS DOCUMENTS
. **SUPPLEMENTS**
RT CONTRACTS
EXTENSIONS
INDEXES (DOCUMENTATION)
MOTION PICTURES
RECORDS
REPORTS

SUPPLYING

RT COMMERCE
CONSUMPTION
DEMAND (ECONOMICS)
FILLING
INJECTION
INPUT
MARKETING
OUTPUT

SUPPORT INTERFERENCE

RT ANTENNA RADIATION PATTERNS
∞ INTERFERENCE
SUPPORTS
VIBRATION EFFECTS

SUPPORT SYSTEMS

GS **SUPPORT SYSTEMS**
. GROUND OPERATIONAL SUPPORT
SYSTEM
. GROUND SUPPORT SYSTEMS
. LIFE SUPPORT SYSTEMS
. BIOPAKS
. CLOSED ECOLOGICAL SYSTEMS
. EMERGENCY LIFE SUSTAINING
SYSTEMS
. . . AEPS
. . . PORTABLE LIFE SUPPORT SYSTEMS
. . . AEPS
. . . IMLSS
RT SELF SEALING
SERVICES
∞ SYSTEMS

SUPPORTS

UF MOUNTS
STANDS
GS **SUPPORTS**
. PYLONS
. SADDLES (SUPPORTS)
. TRIPODS
RT BEARINGS
CARRIAGES
CHASSIS
FOUNDATIONS
FRAMES
GIMBALS
∞ HEADERS
LUGS
PIVOTS
∞ PLATFORMS
PYLON MOUNTING
RACKS (FRAMES)
REINFORCEMENT (STRUCTURES)
SHAFTS (MACHINE ELEMENTS)
STRUTS
SUBSTRUCTURES
SUPPORT INTERFERENCE
∞ SUSTAINING
TRUSSES

SUPPRESSION

USE RETARDING

SUPPRESSORS

GS **SUPPRESSORS**
. ECHO SUPPRESSORS
RT ABSORBERS (MATERIALS)
ADDITIVES
ATTENUATORS
BAFFLES
CIRCUIT PROTECTION
DAMPING
INFRARED SUPPRESSION
INHIBITORS
INSULATION
ISOLATORS
MUFFLERS
NEUTRALIZERS

SUPPRESSORS--(cont.)

NOISE REDUCTION
RETARDANTS
SHIELDING
SILENCERS
SQUELCH CIRCUITS

SURFACE ACOUSTIC WAVE DEVICES

UF S-A-W DEVICES
RT ACOUSTIC DELAY LINES
BULK ACOUSTIC WAVE DEVICES
∞ DEVICES
ELECTROACOUSTIC TRANSDUCERS
ELECTROACOUSTICS
INTERDIGITAL TRANSDUCERS
MICROSONICS
SIGNAL PROCESSING
SOUND WAVES
ULTRASONIC WAVE TRANSDUCERS

SURFACE COOLING

GS COOLING
. **SURFACE COOLING**
RT CONVECTIVE HEAT TRANSFER
EVAPORATIVE COOLING
FILM COOLING
RADIANT COOLING
RADIATIVE HEAT TRANSFER
∞ SURFACES
SWEAT COOLING
TEMPERATURE

SURFACE CRACKS

UF CRAZING
GS FRACTURES (MATERIALS)
. CRACKS
. . **SURFACE CRACKS**
SURFACE PROPERTIES
. **SURFACE CRACKS**
RT CRACK CLOSURE
CRACK GEOMETRY
CRACK INITIATION
CRACK PROPAGATION
MICROCRACKS
SOLID SURFACES
∞ SURFACES

SURFACE DEFECTS

GS DEFECTS
. **SURFACE DEFECTS**
SURFACE PROPERTIES
. **SURFACE DEFECTS**
RT CAUSTICS (OPTICS)
CRACK INITIATION
CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
FATIGUE (MATERIALS)
MECHANICAL PROPERTIES
POINT DEFECTS
∞ SURFACES

SURFACE DIFFUSION

GS DIFFUSION
. **SURFACE DIFFUSION**
RT MOLECULAR DIFFUSION
∞ SURFACES
THERMAL DIFFUSION

SURFACE DISTORTION

GS DISTORTION
. **SURFACE DISTORTION**
RT ∞ SURFACE GEOMETRY
∞ SURFACES
WARPAGE

SURFACE EFFECT SHIPS

UF SES
GS SURFACE VEHICLES
. **SURFACE EFFECT SHIPS**
WATER VEHICLES
. SHIPS
. . **SURFACE EFFECT SHIPS**
RT CAPTURED AIR BUBBLE VEHICLES
∞ EFFECTS
RESEARCH VEHICLES
∞ SURFACES
SWATH (SHIP)
∞ VEHICLES

SURFACE EMITTING LASERS

GS STIMULATED EMISSION DEVICES
. LASERS
. . **SURFACE EMITTING LASERS**
RT LASER ARRAYS
LASING

SURFACE EMITTING LASERS--(cont.)

LIGHT EMITTING DIODES
SEMICONDUCTOR LASERS
SOLID STATE LASERS
STIMULATED EMISSION
WAVEGUIDE LASERS

SURFACE ENERGY

GS SURFACE PROPERTIES
. **SURFACE ENERGY**
THERMODYNAMIC PROPERTIES
. **SURFACE ENERGY**
RT ACTIVATION ENERGY
ELECTRON ENERGY
∞ ENERGY
INTERFACIAL ENERGY
INTERFACIAL TENSION
PROTON ENERGY
∞ SURFACES
THERMOPHYSICAL PROPERTIES

SURFACE FINISHING

GS SURFACE TREATMENT
. **SURFACE FINISHING**
RT CLEANING
COATING
COATINGS
CORROSION PREVENTION
CORROSION RESISTANCE
ELECTROPLATING
ELECTROPOLISHING
FINISHES
MACHINING
METAL FINISHING
METAL GRINDING
METAL POLISHING
METAL SPRAYING
METAL SURFACES
MICROMACHINING
POLISHING
PROTECTIVE COATINGS
SHOT PEENING
SOLID SURFACES
SPUTTERING
∞ SURFACES
WEAR

∞ SURFACE GEOMETRY

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CONCAVITY
CONVEXITY
COSSERAT SURFACES
FLAT SURFACES
FLATNESS
GEOMETRY
LAMBERT SURFACE
LOFTING
PLANFORMS
SHAPES
SURFACE DISTORTION
SURFACE LAYERS
SURFACE PROPERTIES
SURFACE REACTIONS
SURFACE ROUGHNESS
SURFACE STABILITY
∞ SURFACES

SURFACE INTERACTIONS

USE SURFACE REACTIONS

SURFACE IONIZATION

GS IONIZATION
. **SURFACE IONIZATION**
RT IONIZERS
∞ SURFACES

SURFACE LAYERS

RT ATMOSPHERIC STRATIFICATION
BARRIER LAYERS
BOUNDARY LAYERS
CRYSTAL SURFACES
∞ LAYERS
LUNAR SURFACE
MONOMOLECULAR FILMS
OXIDE FILMS
SOLAR GRANULATION
∞ SURFACE GEOMETRY
SURFACE TREATMENT
∞ SURFACES
THERMOCLINES
∞ TRANSITION LAYERS

SURFACE NAVIGATION

UF MARINE NAVIGATION
 GS NAVIGATION
 . **SURFACE NAVIGATION**
 RT CELESTIAL NAVIGATION
 DEAD RECKONING
 DECCA NAVIGATION
 DIGITAL NAVIGATION
 HYPERBOLIC NAVIGATION
 INERTIAL NAVIGATION
 LORAC NAVIGATION SYSTEM
 LORAN
 NAUTICAL CHARTS
 NAVIGATION AIDS
 RADAR NAVIGATION
 RADIO NAVIGATION
 SHIPS
 ∞ SURFACES

SURFACE NOISE INTERACTIONS

RT ACOUSTIC EXCITATION
 ACOUSTIC SCATTERING
 AEROACOUSTICS
 AERODYNAMIC NOISE
 TURBULENCE

SURFACE PRESSURE

USE PRESSURE

SURFACE PROPERTIES

UF BARDEEN APPROXIMATION
 GS **SURFACE PROPERTIES**
 . ADHESION
 . ADSORPTIVITY
 . COEFFICIENT OF FRICTION
 . INTERFACIAL TENSION
 . SPECTRAL REFLECTANCE
 . SURFACE CRACKS
 . SURFACE DEFECTS
 . SURFACE ENERGY
 . SURFACE ROUGHNESS
 . SURFACE STABILITY
 . SURFACE TEMPERATURE
 . SKIN TEMPERATURE
 (NON-BIOLOGICAL)
 . WALL TEMPERATURE
 RT ABSORPTANCE
 ALBEDO
 BIDIRECTIONAL REFLECTANCE
 COARSENESS
 COATING
 COATINGS
 COLOR
 CONTACT POTENTIALS
 CONTACT RESISTANCE
 CORROSION
 COSSERAT SURFACES
 DIFFUSION
 EFFERVESCENCE
 EMISSIVITY
 EVANESCENCE
 FINISHES
 FLAT SURFACES
 FOAMING
 FRICTION
 HARDNESS
 HOT CORROSION
 INTERFACES
 JUPITER RED SPOT
 LUNAR ALBEDO
 LUNAR SURFACE
 LUNAR TOPOGRAPHY
 MECHANICAL PROPERTIES
 METAL SURFACES
 OPTICAL PROPERTIES
 PERMEABILITY
 ∞ PHYSICAL PROPERTIES
 PLANAR STRUCTURES
 PLANETARY SURFACES
 PROFILOMETERS
 ∞ PROPERTIES
 REFLECTANCE
 ROUGHNESS
 SELENOGRAPHY
 SOLID SURFACES
 SOLID-SOLID INTERFACES
 SORPTION
 ∞ SURFACE GEOMETRY
 SURFACE TREATMENT
 ∞ SURFACES
 TEXTURES
 VISCOSITY
 VOID RATIO
 WETTABILITY

SURFACE REACTIONS

UF SURFACE INTERACTIONS
 RT CHEMICAL REACTIONS
 EROSION
 FLUID-SOLID INTERACTIONS
 GAS-LIQUID INTERACTIONS
 INTERFACES
 METAL SURFACES
 METAL-WATER REACTIONS
 SPACECRAFT GLOW
 ∞ SURFACE GEOMETRY
 ∞ SURFACES
 SURFACTANTS
 VAPORIZING

SURFACE ROUGHNESS

GS ROUGHNESS
 . **SURFACE ROUGHNESS**
 SURFACE PROPERTIES
 . **SURFACE ROUGHNESS**
 RT COARSENESS
 FRICTION
 LUNAR TOPOGRAPHY
 MACHINING
 MECHANICAL PROPERTIES
 PROFILOMETERS
 RUNWAY CONDITIONS
 ∞ SURFACE GEOMETRY
 ∞ SURFACES
 TOPOGRAPHY

SURFACE ROUGHNESS EFFECTS

RT ∞ EFFECTS
 FRICTION DRAG
 REFLECTANCE
 SEPARATED FLOW
 SPECKLE PATTERNS
 ∞ SURFACES

SURFACE STABILITY

GS STABILITY
 . **SURFACE STABILITY**
 SURFACE PROPERTIES
 . **SURFACE STABILITY**
 RT COARSENESS
 DYNAMIC STABILITY
 INTERFACIAL TENSION
 MOTION STABILITY
 STATIC STABILITY
 STORAGE STABILITY
 ∞ SURFACE GEOMETRY
 ∞ SURFACES
 THERMAL STABILITY

SURFACE TEMPERATURE

GS SURFACE PROPERTIES
 . **SURFACE TEMPERATURE**
 . SKIN TEMPERATURE
 (NON-BIOLOGICAL)
 . WALL TEMPERATURE
 TEMPERATURE
 . **SURFACE TEMPERATURE**
 . SKIN TEMPERATURE
 (NON-BIOLOGICAL)
 . WALL TEMPERATURE
 RT COARSENESS
 GEOTHERMAL ANOMALIES
 LAND SURFACE TEMPERATURE
 OCEAN TEMPERATURE
 SEA SURFACE TEMPERATURE
 ∞ SURFACES
 THERMOCLINES
 WATER TEMPERATURE

SURFACE TENSION

USE INTERFACIAL TENSION

SURFACE TO AIR MISSILES

UF GROUND-TO-AIR MISSILES
 GS MISSILES
 . **SURFACE TO AIR MISSILES**
 . BLUE GOOSE MISSILE
 . BOMARC MISSILES
 . BOMARC A MISSILE
 . BOMARC B MISSILE
 . CHAPARRAL MISSILE
 . HAWK MISSILE
 . MAULER MISSILE
 . NIKE MISSILES
 . NIKE-AJAX MISSILE
 . NIKE-HERCULES MISSILE
 . NIKE-ZEUS MISSILE
 . PATRIOT MISSILE
 . REDEYE MISSILE
 . SPRINT MISSILE

SURFACE TO AIR MISSILES--(cont.)

. TALOS MISSILE
 . TARTAR MISSILE
 . TERRIER MISSILE
 RT AIR TO AIR MISSILES
 AIR TO SURFACE MISSILES
 ANTI-AIRCRAFT MISSILES
 ANTIMISSILE MISSILES
 NIKE X SYSTEMS
 RAMJET MISSILES
 ∞ ROCKETS
 SENTINEL SYSTEM
 SPACE WEAPONS
 SPARTAN MISSILE
 ∞ SURFACES

SURFACE TO SURFACE MISSILES

GS MISSILES
 . **SURFACE TO SURFACE MISSILES**
 . ANTITANK MISSILES
 . SHILLELAGH MISSILES
 . TOW MISSILES
 . CORPORAL MISSILE
 . CRUISE MISSILES
 . NAVAHO MISSILE
 . TOMAHAWK MISSILES
 . FLEET BALLISTIC MISSILES
 . POLARIS A1 MISSILE
 . POLARIS A2 MISSILE
 . POLARIS A3 MISSILE
 . POSEIDON MISSILES
 . SUBROC MISSILE
 . INTERCONTINENTAL BALLISTIC
 MISSILES
 . ATLAS ICBM
 . ATLAS D ICBM
 . ATLAS E ICBM
 . ATLAS F ICBM
 . MINUTEMAN ICBM
 . MX MISSILE
 . TITAN ICBM
 . TITAN 1 ICBM
 . TITAN 2 ICBM
 . INTERMEDIATE RANGE BALLISTIC
 MISSILES
 . BLUE STREAK MISSILE
 . JUPITER MISSILE
 . POLARIS MISSILES
 . POLARIS A1 MISSILE
 . POLARIS A2 MISSILE
 . POLARIS A3 MISSILE
 . LANCE MISSILE
 . MACE MISSILES
 . PERSHING MISSILE
 . REGULUS MISSILE
 . SERGEANT MISSILES
 . SHORT RANGE BALLISTIC MISSILES
 . SUPERSONIC LOW ALTITUDE MISSILE
 . V-1 MISSILE
 RT AIR TO SURFACE MISSILES
 BALLISTIC MISSILES
 HARPOON MISSILE
 RAMJET MISSILES
 ∞ ROCKETS
 ∞ SURFACES

SURFACE TO SURFACE ROCKETS

GS ROCKET VEHICLES
 . **SURFACE TO SURFACE ROCKETS**
 . HONEST JOHN ROCKET VEHICLE
 . LITTLE JOHN ROCKET VEHICLE
 RT ∞ ROCKETS
 ∞ SURFACES

SURFACE TREATMENT

GS **SURFACE TREATMENT**
 . SURFACE FINISHING
 RT ANODIZING
 COATING
 CORROSION PREVENTION
 SURFACE LAYERS
 SURFACE PROPERTIES
 ∞ TREATMENT

SURFACE VEHICLES

GS **SURFACE VEHICLES**
 . AIRCRAFT CARRIERS
 . AUTOMATED TRANSIT VEHICLES
 . AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 . BOATS
 . LIFEBOATS
 . CAPTURED AIR BUBBLE VEHICLES
 . CARGO SHIPS
 . SAVANNAH NUCLEAR SHIP

SURFACE VEHICLES--(cont.)

- .. TANKER SHIPS
- .. DOLLIES
- .. ELECTRIC HYBRID VEHICLES
- .. LUNAR SURFACE VEHICLES
- .. LUNAR MOBILE LABORATORIES
- .. LUNAR ROVING VEHICLES
- .. LUNOKHOD LUNAR ROVING VEHICLES
- .. MANNED LUNAR SURFACE VEHICLES
- .. MAGNETIC LEVITATION VEHICLES
- .. MOTOR VEHICLES
- .. AUTOMATED MIXED TRAFFIC VEHICLES
- .. AUTOMOBILES
- .. ELECTRIC AUTOMOBILES
- .. ELECTRIC MOTOR VEHICLES
- .. TRACTORS
- .. CRAWLER TRACTORS
- .. TRACKED VEHICLES
- .. TRUCKS
- .. TANK TRUCKS
- .. NUCLEAR POWERED SHIPS
- .. SAVANNAH NUCLEAR SHIP
- .. ROADWAY POWERED VEHICLES
- .. ROVING VEHICLES
- .. LUNAR ROVING VEHICLES
- .. LUNOKHOD LUNAR ROVING VEHICLES
- .. SATELLITE COMMUNICATIONS SHIPS
- .. SLEDS
- .. ROCKET PROPELLED SLEDS
- .. SURFACE EFFECT SHIPS
- .. SWATH (SHIP)
- .. TANKS (COMBAT VEHICLES)
- .. TRANSPORTER
- .. WALKING MACHINES
- RT AMPHIBIOUS VEHICLES
- ∞ BICYCLE
- ∞ GROUND EFFECT MACHINES
- ∞ RAIL TRANSPORTATION
- ∞ RAILS
- ∞ SHIPS
- ∞ SURFACES
- ∞ UNDERWATER VEHICLES
- ∞ URBAN TRANSPORTATION
- ∞ VEHICLES
- ∞ VEHICULAR TRACKS
- ∞ WATER VEHICLES

SURFACE WATER

- GS WATER
- .. SURFACE WATER
- RT EARTH RESOURCES
- GROUND WATER
- LAKES
- PONDS
- RIVERS
- STREAMS
- ∞ SURFACES

SURFACE WAVES

- SN (EXCLUDES SURFACE RADIO WAVES)
- GS SURFACE WAVES
- .. CAPILLARY WAVES
- .. GRAVITY WAVES
- .. BAROCLINIC WAVES
- .. RIPPLES
- .. ELECTROMAGNETIC SURFACE WAVES
- .. SOMMERFELD WAVES
- RT BOW WAVES
- .. CNOIDAL WAVES
- .. CRUSTAL FRACTURES
- .. ELASTIC WAVES
- .. INTERNAL WAVES
- .. LEE WAVES
- .. LIQUID SURFACES
- .. LOVE WAVES
- .. MICROSONICS
- .. P WAVES
- .. S WAVES
- .. SEA ROUGHNESS
- .. SEISMIC WAVES
- .. SPLASHING
- ∞ SURFACES
- ∞ TROPOSPHERIC WAVES
- ∞ TSUNAMI WAVES
- ∞ WATER CURRENTS
- ∞ WATER WAVES
- ∞ WAVES

SURFACE-ACTIVE AGENTS

- USE SURFACTANTS

∞ SURFACES

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- UF CURVED SURFACES
- LIFTING SURFACES
- RT AIR TO SURFACE MISSILES
- AIRFIELD SURFACE MOVEMENTS
- AIRPORT SURFACE DETECTION EQUIPMENT
- APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE
- AREA
- COLD SURFACES
- CONTROL SURFACES
- COSSERAT SURFACES
- CRYSTAL SURFACES
- EARTH SURFACE
- EASEP
- ELECTROMAGNETIC SURFACE WAVES
- ELEVATORS (CONTROL SURFACES)
- EXTERNAL SURFACE CURRENTS
- FERMI SURFACES
- FLAPS (CONTROL SURFACES)
- FLAT SURFACES
- HORIZONTAL TAIL SURFACES
- HOT SURFACES
- INTERFACES
- INTERFACIAL TENSION
- LAMBERT SURFACE
- LIQUID SURFACES
- LSSM
- LUNAR SURFACE
- LUNAR SURFACE VEHICLES
- MANNED LUNAR SURFACE VEHICLES
- MARS SURFACE
- MARS SURFACE SAMPLES
- MENISCI
- METAL SURFACES
- MINIMAL SURFACES
- OCEAN SURFACE
- PLANETARY SURFACES
- SATELLITE SURFACES
- SIZING (SURFACE TREATMENT)
- SOLID SURFACES
- SURFACE COOLING
- SURFACE CRACKS
- SURFACE DEFECTS
- SURFACE DIFFUSION
- SURFACE DISTORTION
- SURFACE EFFECT SHIPS
- SURFACE ENERGY
- SURFACE FINISHING
- ∞ SURFACE GEOMETRY
- ∞ SURFACE IONIZATION
- ∞ SURFACE LAYERS
- ∞ SURFACE NAVIGATION
- ∞ SURFACE PROPERTIES
- ∞ SURFACE REACTIONS
- ∞ SURFACE ROUGHNESS
- ∞ SURFACE ROUGHNESS EFFECTS
- ∞ SURFACE STABILITY
- ∞ SURFACE TEMPERATURE
- ∞ SURFACE TO AIR MISSILES
- ∞ SURFACE TO SURFACE MISSILES
- ∞ SURFACE TO SURFACE ROCKETS
- ∞ SURFACE VEHICLES
- ∞ SURFACE WATER
- ∞ SURFACE WAVES
- ∞ SWEPTBACK TAIL SURFACES
- ∞ T TAIL SURFACES
- ∞ TABS (CONTROL SURFACES)
- ∞ TAIL SURFACES
- ∞ TOWNSEND AVALANCHE
- ∞ TRAPEZOIDAL TAIL SURFACES
- ∞ TWO DIMENSIONAL BODIES
- ∞ UNDER SURFACE BLOWING
- ∞ UNDERWATER TO SURFACE MISSILES
- ∞ UPPER SURFACE BLOWING
- ∞ UPPER SURFACE BLOWN FLAPS
- ∞ VENUS SURFACE
- ∞ WEAR

SURFACTANTS

- UF SURFACE-ACTIVE AGENTS
- RT ADMIXTURES
- ∞ AGENTS
- ∞ DETERGENTS
- ∞ MONOMOLECULAR FILMS
- ∞ PLASTICIZERS
- ∞ RETARDANTS
- ∞ SOAPS
- ∞ SURFACE REACTIONS

SURGEONS

- GS PERSONNEL
- .. MEDICAL PERSONNEL
- .. SURGEONS
- ... FLIGHT SURGEONS

SURGERY

- GS SURGERY
- .. LABYRINTHECTOMY
- RT CLINICAL MEDICINE
- HEART IMPLANTATION
- ∞ OPERATIONS
- SKIN GRAFTS
- TRANSPLANTATION
- VETERINARY MEDICINE

SURGES

- UF TRANSIENTS (SURGES)
- RT CIRCUIT PROTECTION
- FLUID FLOW
- OVERVOLTAGE
- STORM SURGES
- VARIATIONS
- WATER HAMMER
- ∞ WAVES

SURGICAL INSTRUMENTS

- GS MEDICAL EQUIPMENT
- .. SURGICAL INSTRUMENTS
- RT ∞ INSTRUMENTS
- NEEDLES

SURINAM

- GS NATIONS
- .. SURINAM
- RT CARIBBEAN REGION
- NETHERLANDS
- SOUTH AMERICA

SURVEILLANCE

- GS SURVEILLANCE
- .. SPACE SURVEILLANCE (GROUND BASED)
- .. SPACE SURVEILLANCE (SPACEBORNE)
- RT COMMAND AND CONTROL
- CONICAL SCANNING
- CRIME
- DETECTION
- EARTH RESOURCES
- FOREST FIRE DETECTION
- ICE MAPPING
- ICE REPORTING
- INSPECTION
- OBSERVATION
- PANORAMIC SCANNING
- RADAR SCANNING
- RECONNAISSANCE
- SCANNING
- TARGET ACQUISITION
- TARGET RECOGNITION
- TARGETS

SURVEILLANCE RADAR

- GS RADAR
- .. SURVEILLANCE RADAR
- .. AIRBORNE SURVEILLANCE RADAR
- .. COBRA DANE (RADAR)
- .. MULTISTATIC RADAR
- RT AIR TRAFFIC CONTROL
- AIRPORT SURFACE DETECTION EQUIPMENT
- COHERENT RADAR
- CONTINUOUS WAVE RADAR
- DIGITAL RADAR SYSTEMS
- DOPPLER RADAR
- METEOROLOGICAL RADAR
- PULSE RADAR
- RADAR APPROACH CONTROL
- RADAR TRACKING
- RADARSCOPES
- SATELLITE-BORNE RADAR
- SEARCH RADAR
- SYNTHETIC APERTURE RADAR
- TRACKING RADAR

SURVEYING

- USE SURVEYS

SURVEYOR LUNAR PROBES

- GS LUNAR SPACECRAFT
- .. LUNAR PROBES
- .. SURVEYOR LUNAR PROBES
- ... SURVEYOR 1 LUNAR PROBE
- ... SURVEYOR 2 LUNAR PROBE
- ... SURVEYOR 3 LUNAR PROBE

SURVEYOR LUNAR PROBES--(cont.)

... SURVEYOR 4 LUNAR PROBE
 ... SURVEYOR 5 LUNAR PROBE
 ... SURVEYOR 6 LUNAR PROBE
 ... SURVEYOR 7 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 ... SURVEYOR 1 LUNAR PROBE
 ... SURVEYOR 2 LUNAR PROBE
 ... SURVEYOR 3 LUNAR PROBE
 ... SURVEYOR 4 LUNAR PROBE
 ... SURVEYOR 5 LUNAR PROBE
 ... SURVEYOR 6 LUNAR PROBE
 ... SURVEYOR 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 ... SURVEYOR 1 LUNAR PROBE
 ... SURVEYOR 2 LUNAR PROBE
 ... SURVEYOR 3 LUNAR PROBE
 ... SURVEYOR 4 LUNAR PROBE
 ... SURVEYOR 5 LUNAR PROBE
 ... SURVEYOR 6 LUNAR PROBE
 ... SURVEYOR 7 LUNAR PROBE

SURVEYOR PROJECT

GS PROGRAMS
 LUNAR PROGRAMS
 SURVEYOR PROJECT
 NASA PROGRAMS
 NASA SPACE PROGRAMS
 SURVEYOR PROJECT
 PROJECTS
 SURVEYOR PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 SURVEYOR PROJECT
 RT ATLAS CENTAUR LAUNCH VEHICLE
 CENTAUR PROJECT
 LUNAR LANDING
 LUNAR PROBES
 LUNAR SPACECRAFT
 SOFT LANDING
 SOFT LANDING SPACECRAFT

SURVEYOR 1 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 1 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 1 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 1 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 2 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 2 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 2 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 2 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 3 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 3 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 3 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 3 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 4 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES

SURVEYOR 4 LUNAR PROBE--(cont.)

... SURVEYOR 4 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 4 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 4 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 5 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 5 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 5 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 5 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 6 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 6 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 6 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 6 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 7 LUNAR PROBE

GS LUNAR SPACECRAFT
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 7 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 SURVEYOR LUNAR PROBES
 SURVEYOR 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 SPACE PROBES
 LUNAR PROBES
 SURVEYOR LUNAR PROBES
 SURVEYOR 7 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYS

UF SURVEYING
 GS SURVEYS
 GEODETIC SURVEYS
 GEOLOGICAL SURVEYS
 SKY SURVEYS (ASTRONOMY)
 WAGE SURVEYS
 RT ACCURACY
 CONSTRUCTION
 CROSS SECTIONS
 DATA ACQUISITION
 DATA MANAGEMENT
 DATUM (ELEVATION)
 EXPLORATION
 GENERAL OVERVIEWS
 GEOMETRY
 LAYOUTS
 LORAN
 MAPPING
 MAPS
 PHOTOGRAMMETRY
 POSITION (LOCATION)
 RECONNAISSANCE
 SOIL MAPPING
 STATISTICS

SURVIVAL

RT AIRCRAFT SURVIVABILITY
 CIVIL DEFENSE
 CLOSED ECOLOGICAL SYSTEMS
 DESERT ADAPTATION
 KITS
 LIFE SUPPORT SYSTEMS
 LUNAR SHELTERS
 SHELTERS
 SPACECRAFT SURVIVABILITY

SURVIVAL EQUIPMENT

RT AEPS
 AIRCRAFT SURVIVABILITY
 CONSUMABLES (SPACECREW SUPPLIES)
 EMERGENCY LIFE SUSTAINING
 SYSTEMS
 EQUIPMENT
 LIFEBOATS
 ONBOARD EQUIPMENT
 OXYGEN SUPPLY EQUIPMENT
 RAFTS

SUSCEPTIBILITY (MAGNETISM)

USE MAGNETIC PERMEABILITY

SUSPENDING (HANGING)

GS SUSPENDING (HANGING)
 MAGNETIC SUSPENSION
 RT GYROSCOPE FLUIDS
 MOUNTING
 SUSPENSION SYSTEMS (VEHICLES)
 SUSPENSIONS

SUSPENDING (MIXING)

GS MIXING
 RT SUSPENDING (MIXING)
 AERATION
 AGITATION
 COLLOIDING
 DISPERSING
 DISPERSIONS
 ENTRAINMENT
 FERROFLUIDS
 HOMOGENIZING
 SHAKING
 STIRRING
 SUSPENSIONS

SUSPENSION SYSTEMS (VEHICLES)

RT BEARINGS
 FLOTATION
 LEVITATION
 MAGNETIC LEVITATION VEHICLES
 RIDING QUALITY
 SHOCK ABSORBERS
 SPRINGS (ELASTIC)
 STEERING
 SUSPENDING (HANGING)
 SUSPENSIONS
 SYSTEMS
 TOROIDAL WHEELS
 UNDERCARRIAGES
 VEHICLE WHEELS
 VEHICULAR TRACKS
 VIBRATION ISOLATORS

SUSPENSIONS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BROWNIAN MOVEMENTS
 DISPERSIONS
 FERROFLUIDS
 SOLID SUSPENSIONS
 SUSPENDING (HANGING)
 SUSPENDING (MIXING)
 SUSPENSION SYSTEMS (VEHICLES)

SUSQUEHANNA RIVER BASIN (MD-NY-PA)

GS LANDFORMS
 STRUCTURAL BASINS
 RIVER BASINS
 SUSQUEHANNA RIVER BASIN
 (MD-NY-PA)
 RT MARYLAND
 NEW YORK
 PENNSYLVANIA
 RIVERS
 STREAMS
 VALLEYS

SUSTAINER ROCKET ENGINES

GS ENGINES
 ROCKET ENGINES
 SUSTAINER ROCKET ENGINES
 RT BOOSTER ROCKET ENGINES
 DUCTED ROCKET ENGINES
 ELECTRIC ROCKET ENGINES
 ELECTROSTATIC ENGINES
 ELECTROTHERMAL ENGINES
 HYBRID PROPELLANT ROCKET ENGINES
 INTERNAL COMBUSTION ENGINES
 ION ENGINES
 LAUNCH VEHICLES
 LIQUID AIR CYCLE ENGINES

SUSTAINER ROCKET ENGINES--(cont.)

LIQUID PROPELLANT ROCKET ENGINES
NUCLEAR ENGINE FOR ROCKET
VEHICLES
NUCLEAR ROCKET ENGINES
RESTARTABLE ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
STAGE SEPARATION
∞ SUSTAINING
TURBOROCKET ENGINES
TX-354 ENGINE

∞ SUSTAINING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT LIFE SUPPORT SYSTEMS
SUPPORTS
SUSTAINER ROCKET ENGINES

SWAGING

RT COLD WORKING
METAL WORKING
STAMPING

SWALLOWING

RT DRINKING
EATING
INGESTION (BIOLOGY)

SWAMPS

USE MARSHLANDS

SWAN BANDS

GS SPECTRA
. SPECTRAL BANDS
. SWAN BANDS
RT ∞ BANDS
CARBON COMPOUNDS
CHEMICAL BONDS
EMISSION SPECTRA
MOLECULAR SPECTRA

SWARMING

RT BEES
∞ MOTION

SWASH

USE SPLASHING

SWATH (SHIP)

UF SMALL WATER PLANE AREA TWIN HULL
GS SURFACE VEHICLES
. SWATH (SHIP)
WATER VEHICLES
. SHIPS
. SWATH (SHIP)
RT CAPTURED AIR BUBBLE VEHICLES
HULLS (STRUCTURES)
SURFACE EFFECT SHIPS
∞ VEHICLES

SWATH WIDTH

RT AGRICULTURAL AIRCRAFT
FLIGHT PATHS
REMOTE SENSING
SATELLITE OBSERVATION

SWAZILAND

GS NATIONS
. SWAZILAND
RT AFRICA
REPUBLIC OF SOUTH AFRICA

SWEAT

GS BODY FLUIDS
. SWEAT
SECRECTIONS
. SWEAT
RT PERSPIRATION

SWEAT COOLING

UF TRANSPIRATION COOLING
COOLING
GS EVAPORATIVE COOLING
. SWEAT COOLING
RT FILM COOLING
LIQUID COOLING
SURFACE COOLING

SWEATING

USE PERSPIRATION

SWEDEN

GS NATIONS
. SWEDEN
RT EUROPE
SCANDINAVIA
SWEDISH SPACE PROGRAM

SWEDISH SPACE PROGRAM

GS PROGRAMS
. SPACE PROGRAMS
. EUROPEAN SPACE PROGRAMS
. SWEDISH SPACE PROGRAM
RT SWEDEN

SWEEP ANGLE

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. ANGLES (GEOMETRY)
. SWEEP ANGLE
. SWEEPBACK
. LEADING EDGE SWEEP
RT AERODYNAMIC STALLING
ANGLE OF ATTACK
BOUNDARY LAYER SEPARATION
MACH NUMBER

SWEEP CIRCUITS

GS CIRCUITS
. SWEEP CIRCUITS
RT FREQUENCY SCANNING
OSCILLOSCOPES
SAMPLING

SWEEP EFFECT

RT ∞ EFFECTS
FORCE DISTRIBUTION
LIFT
∞ LOADING
WING LOADING

SWEEP FREQUENCY

UF ELECTRON SWEEPING
GS FREQUENCIES
. SWEEP FREQUENCY
RT CARRIER FREQUENCIES
FREQUENCY ANALYZERS
FREQUENCY SCANNING
FREQUENCY SYNCHRONIZATION
OSCILLOSCOPES
TELEVISION TRANSMISSION

SWEEPBACK

UF SWEEPBACK ANGLES
GS GEOMETRY
. EUCLIDEAN GEOMETRY
. ANGLES (GEOMETRY)
. SWEEP ANGLE
. SWEEPBACK
. LEADING EDGE SWEEP
RT SUPERSONIC AIRFOILS

SWEEPBACK ANGLES

USE SWEEPBACK

SWELLING

RT DISTORTION
EXPANSION
GROWTH
INCREASING
INFLATING
SPREADING

SWEPT FORWARD WINGS

GS AIRFOILS
. WINGS
. SWEEP WINGS
. SWEEP FORWARD WINGS
. TRAPEZOIDAL WINGS
PLANFORMS
. WING PLANFORMS
. SWEEP FORWARD WINGS
. TRAPEZOIDAL WINGS
RT SWEPTBACK WINGS
VARIABLE SWEEP WINGS
X-29 AIRCRAFT

SWEPT WINGS

UF CRANKED WINGS
DIAMOND WINGS
TAPERED WINGS
GS AIRFOILS
. WINGS
. SWEEP WINGS
. SWEEP FORWARD WINGS

SWEPT WINGS--(cont.)

. . . . TRAPEZOIDAL WINGS
. . . . SWEEPBACK WINGS
. . . . ARROW WINGS
. . . . DELTA WINGS
. . . . TRAPEZOIDAL WINGS
RT A-300 AIRCRAFT
A-310 AIRCRAFT
A-320 AIRCRAFT
FIXED WINGS
SPANLOADER AIRCRAFT
UNSWEPT WINGS
WING PLANFORMS

SWEPTBACK TAIL SURFACES

GS PLANFORMS
. SWEEPBACK TAIL SURFACES
TAIL SURFACES
. SWEEPBACK TAIL SURFACES
RT CONTROL SURFACES
HYPERSONIC AIRCRAFT
RUDDERS
STABILIZERS (FLUID DYNAMICS)
SUPERSONIC AIRFOILS
∞ SURFACES
T TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES

SWEPTBACK WINGS

GS AIRFOILS
. WINGS
. SWEEP WINGS
. SWEEPBACK WINGS
. ARROW WINGS
. DELTA WINGS
. TRAPEZOIDAL WINGS
PLANFORMS
. WING PLANFORMS
. SWEEPBACK WINGS
. ARROW WINGS
. DELTA WINGS
. TRAPEZOIDAL WINGS
RT HYPERSONIC AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC AIRFOILS
SWEPT FORWARD WINGS
VARIABLE SWEEP WINGS

SWIMMING

RT PHYSICAL EXERCISE
PHYSICAL FITNESS

SWIMMING POOL REACTORS

GS NUCLEAR REACTORS
. LIQUID COOLED REACTORS
. WATER COOLED REACTORS
. SWIMMING POOL REACTORS
RT ∞ REACTORS

SWINE

SN (EXCLUDES GUINEA PIGS)
UF PIGS (SWINE)
GS ANIMALS
. VERTEBRATES
. MAMMALS
. SWINE
RT GRAZING
LIVESTOCK

SWING TAIL ASSEMBLIES

GS ASSEMBLIES
. TAIL ASSEMBLIES
. SWING TAIL ASSEMBLIES
RT AFTERBODIES
AIRCRAFT PARTS
AIRCRAFT STRUCTURES

SWING WINGS

GS AIRFOILS
. WINGS
. SWING WINGS
RT AIRCRAFT PARTS
AIRCRAFT STRUCTURES
WING PLANFORMS
WING PROFILES

SWINGBY TECHNIQUE

UF GRAVITY ASSIST TRAJECTORIES
RT FLYBY MISSIONS
GRAVITATIONAL EFFECTS
INTERPLANETARY TRANSFER ORBITS
ORBITAL MECHANICS
PLANETARY ORBITS
ROUND TRIP TRAJECTORIES
SPACECRAFT TRAJECTORIES

SWIRLING

RT AGITATION
CENTRIFUGING
DISPERSING
FOAMING
MIXING
∞ SEPARATION
SHAKING
STIRRING

SWIRLING WAKES

USE TURBULENT WAKES

SWISS SPACE PROGRAM

GS PROGRAMS
... SPACE PROGRAMS
... EUROPEAN SPACE PROGRAMS
... **SWISS SPACE PROGRAM**
RT SWITZERLAND

SWITCHES

GS **SWITCHES**
... CAPACITANCE SWITCHES
... ELECTRIC RELAYS
... ELECTRIC SWITCHES
... CRYOTRONS
... STEPPING SWITCHES
... THERMOSTATS
... VACUUM ARC SWITCHES
... PRESSURE SWITCHES
... SWITCHING CIRCUITS
... FLUID SWITCHING ELEMENTS
... TRIGATRONS
RT CIRCUIT BREAKERS
DROPOUTS
ECHO SUPPRESSORS
ELECTRIC CONNECTORS
ELECTRIC CONTACTS
INTERRUPTION
SELECTORS
SWITCHING

SWITCHING

GS **SWITCHING**
... BEAM SWITCHING
... MAGNETIC SWITCHING
... MICROWAVE SWITCHING
... OPTICAL SWITCHING
... PACKET SWITCHING
RT CODE DIVISION MULTIPLE ACCESS
INTERRUPTION
SEQUENCING
STEP RECOVERY DIODES
SWITCHES
TIME DIVISION MULTIPLE ACCESS

SWITCHING CIRCUITS

UF ELECTRONIC SWITCHES
SWITCHING ELEMENTS
GS **CIRCUITS**
... **SWITCHING CIRCUITS**
... FLUID SWITCHING ELEMENTS
SWITCHES
... **SWITCHING CIRCUITS**
... FLUID SWITCHING ELEMENTS
RT ARPA COMPUTER NETWORK
CAPACITANCE SWITCHES
CIRCUIT BREAKERS
CURRENT REGULATORS
DUPLEX OPERATION
DUPLEXERS
ELECTRIC RELAYS
ELECTRIC SWITCHES
GATES (CIRCUITS)
LATCH-UP
LOGIC CIRCUITS
MATRICES (CIRCUITS)
MICROWAVE SWITCHING
MULTIVIBRATORS
OPTICAL BISTABILITY
OPTICAL SWITCHING
PACKET SWITCHING
SELECTORS
SQUELCH CIRCUITS
VACUUM ARC SWITCHES
VOLTAGE REGULATORS

SWITCHING ELEMENTS

USE SWITCHING CIRCUITS

SWITCHING THEORY

RT BOOLEAN ALGEBRA
BRANCHING (MATHEMATICS)
COMMUNICATION THEORY
COMMUTATION

SWITCHING THEORY--(cont.)

LOGIC DESIGN
NETWORK SYNTHESIS
PACKET SWITCHING
SEQUENCING
∞ THEORIES
TOPOLOGY

SWITZERLAND

GS NATIONS
... **SWITZERLAND**
RT ALPS MOUNTAINS (EUROPE)
EUROPE
SWISS SPACE PROGRAM

SWIVELS

RT BEARINGS
GIMBALS
HINGES
HOOKS
JOINTS (JUNCTIONS)
PIVOTS

SYENITE

GS ROCKS
... IGNEOUS ROCKS
... **SYENITE**
RT SOILS
TRACHYTE

SYLLABLES

GS COMMUNICATION THEORY
... WORDS (LANGUAGE)
... **SYLLABLES**
... LANGUAGES
... SENTENCES
... WORDS (LANGUAGE)
... **SYLLABLES**
... LINGUISTICS
... SYNTAX
... SENTENCES
... WORDS (LANGUAGE)
... **SYLLABLES**
SIGNAL RECEPTION
... **SYLLABLES**
SPEECH
... TALKING
... WORDS (LANGUAGE)
... **SYLLABLES**
RT MESSAGES
PSYCHOLINGUISTICS
SEMANTICS
SIGNAL TRANSMISSION

SYMBIOSIS

RT ECOLOGY
LICHENS

SYMBIOTIC STARS

GS CELESTIAL BODIES
... STARS
... DOUBLE STARS
... BINARY STARS
... **SYMBIOTIC STARS**
... PECULIAR STARS
... **SYMBIOTIC STARS**
... VARIABLE STARS
... **SYMBIOTIC STARS**
RT ABSORPTION SPECTRA
ECLIPSING BINARY STARS
EMISSION SPECTRA
FLARE STARS
M STARS
NOVAE
STELLAR ENVELOPES
STELLAR MASS ACCRETION
STELLAR OSCILLATIONS
STELLAR SPECTRA
STELLAR TEMPERATURE

SYMBOLIC PROGRAMMING

GS SOFTWARE ENGINEERING
... COMPUTER PROGRAMMING
... **SYMBOLIC PROGRAMMING**
RT CODING
COMPUTER ASSISTED INSTRUCTION
CONTEXT FREE LANGUAGES
LANGUAGE PROGRAMMING
MNEMONICS

SYMBOLS

UF CHARACTERS
LETTERS (SYMBOLS)
SIGNS (SYMBOLS)
GS SIGNAL RECEPTION

SYMBOLS--(cont.)

... **SYMBOLS**
RT ALPHABETS
ALPHANUMERIC CHARACTERS
CHARACTER RECOGNITION
∞ CODES
CODING
COLOR
DATA PROCESSING
DIGITS
HIGH LEVEL LANGUAGES
LANGUAGES
LEGIBILITY
∞ MATHEMATICS
MESSAGE PROCESSING
MESSAGES
MNEMONICS
NOMENCLATURES
PERCEPTION
READING
SEMANTICS
UNITS OF MEASUREMENT
VISIBILITY

SYMMETRICAL BODIES

GS **SYMMETRICAL BODIES**
... AXISYMMETRIC BODIES
... BODIES OF REVOLUTION
... CONICAL BODIES
... SLENDER CONES
... CYLINDRICAL BODIES
... ROTATING CYLINDERS
... PARABOLIC BODIES
... SPHERES
... CELESTIAL SPHERE
... CONCENTRIC SPHERES
... FALLING SPHERES
... POINCARÉ SPHERES
... ROTATING SPHERES
... TORUSES
... ELLIPSOIDS
... LENTICULAR BODIES
... STREAMLINED BODIES
... FAIRINGS
RT AXES OF ROTATION
BLUNT BODIES
∞ BODIES
CONES
FINNED BODIES
FLARED BODIES
GEOIDS
OGIVES
SLENDER BODIES
SPINNING UNGUIDED ROCKET
TRAJECTORY

SYMMETRY

UF AXISYMMETRY
GS **SYMMETRY**
... BROKEN SYMMETRY
... SUPERSYMMETRY
RT ANTISYMMETRY
ASYMMETRY
CONGRUENCES
CONTINUITY (MATHEMATICS)
ECCENTRICITY
GEOMETRY
GRAND UNIFIED THEORY
ISOTROPISM
QUANTILES
SHAPES

SYMMETRY BREAKING

USE BROKEN SYMMETRY

SYMPATHETIC NERVOUS SYSTEM

GS ANATOMY
... NERVOUS SYSTEM
... AUTONOMIC NERVOUS SYSTEM
... **SYMPATHETIC NERVOUS SYSTEM**
RT ∞ SYSTEMS

SYMPATHOMIMETICS

USE ADRENERGICS

SYMPHONIE SATELLITES

GS ARTIFICIAL SATELLITES
... COMMUNICATION SATELLITES
... **SYMPHONIE SATELLITES**
RT ARCOMSAT
BROADCASTING
EUROPEAN SPACE PROGRAMS
FRENCH SATELLITES
INTERNATIONAL COOPERATION
RADIO TRANSMISSION

SYMPHONIE SATELLITES--(cont.)
 SATELLITE TELEVISION
 SYNCHRONOUS SATELLITES
 TELEPHONY

SYMPOSIA
 USE CONFERENCES

SYMPTOMOLOGY
 GS MEDICAL SCIENCE
 . **SYMPTOMOLOGY**
 RT DISEASES
 SIGNS AND SYMPTOMS

SYMPTOMS
 USE SIGNS AND SYMPTOMS

SYNAPSES
 RT NERVES
 NERVOUS SYSTEM
 NEUROMUSCULAR TRANSMISSION
 NEURONS
 NEUROTRANSMITTERS
 SYNCODERS

SYNCHROCYCLOTRONS
 GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . **SYNCHROCYCLOTRONS**
 . CYCLOTRONS
 . **SYNCHROCYCLOTRONS**
 RT BEVATRON
 SYNCHROTRONS

SYNCHRONISM
 UF BEAT
 SYNCHRONIZATION
 GS **SYNCHRONISM**
 . BIT SYNCHRONIZATION
 . FREQUENCY SYNCHRONIZATION
 RT COINCIDENCE CIRCUITS
 DINING PHILOSOPHERS PROBLEM
 PHASE DETECTORS
 STROBOSCOPES
 SYNCHRONIZERS
 SYNCHROPHASING
 TIME
 TIME MEASUREMENT

SYNCHRONIZATION
 USE SYNCHRONISM

SYNCHRONIZED OSCILLATORS
 GS OSCILLATORS
 . **SYNCHRONIZED OSCILLATORS**
 RT FREQUENCY SYNCHRONIZATION
 PHASE LOCKED SYSTEMS
 SYNCHROSCOPES

SYNCHRONIZERS
 RT HELIOSTATS
 PULSE RADAR
 SERVOMOTORS
 SYNCHRONISM

SYNCHRONOUS COMMUNICATION SATELLITES
 USE SYNCOM SATELLITES

SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
 SN (SYNCHRONOUS COMMUNICATIONS SATELLITE PROJECT)
 GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . **SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ**
 . PROJECTS
 . **SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ**
 . SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . **SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ**
 RT COMMUNICATION SATELLITES
 TWENTY-FOUR HOUR ORBITS

SYNCHRONOUS DETECTORS
 USE CORRELATORS

SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 UF SEOS
 GS ARTIFICIAL SATELLITES

SYNCHRONOUS EARTH OBSERVATORY--(cont.)
 . METEOROLOGICAL SATELLITES
 . **SYNCHRONOUS EARTH OBSERVATORY SATELLITE**
 . . . SMS 1
 . . . SMS 2
 . SYNCHRONOUS SATELLITES
 . **SYNCHRONOUS EARTH OBSERVATORY SATELLITE**
 . . . SMS 1
 . . . SMS 2
 RT EARLY WARNING SYSTEMS
 LANDSAT SATELLITES
 NASA PROGRAMS
 PROGRAMS
 SATELLITE OBSERVATION
 SEASAT SATELLITES
 SYNCHRONOUS METEOROLOGICAL SATELLITE
 TECHNOLOGY UTILIZATION

SYNCHRONOUS METEOROLOGICAL SATELLITE
 UF SMS
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . **SYNCHRONOUS METEOROLOGICAL SATELLITE**
 . . . SMS 1
 . . . SMS 2
 . SYNCHRONOUS SATELLITES
 . **SYNCHRONOUS METEOROLOGICAL SATELLITE**
 . . . SMS 1
 . . . SMS 2
 RT COMMUNICATION SATELLITES
 SYNCHRONOUS EARTH OBSERVATORY SATELLITE

SYNCHRONOUS MOTORS
 GS MOTORS
 . ELECTRIC MOTORS
 . **SYNCHRONOUS MOTORS**
 RT ASYNCHRONOUS MOTORS
 INDUCTION MOTORS

SYNCHRONOUS PLATFORMS
 UF GEOSTATIONARY PLATFORMS
 GS SPACE PLATFORMS
 . **SYNCHRONOUS PLATFORMS**
 RT COMMUNICATION SATELLITES
 GEOSYNCHRONOUS ORBITS
 ∞ PLATFORMS

SYNCHRONOUS SATELLITES
 UF GEOSTATIONARY SATELLITES
 GS ARTIFICIAL SATELLITES
 . **SYNCHRONOUS SATELLITES**
 . . AEROS SATELLITE
 . . AEROSAT SATELLITES
 . . ANIK SATELLITES
 . . . ANIK 1
 . . . ANIK 2
 . . . ANIK 3
 . . GOES SATELLITES
 . . . GOES 1
 . . . GOES 2
 . . . GOES 3
 . . . GOES 4
 . . . GOES 5
 . . . GOES 6
 . . . GOES 7
 . . MIRANDA SATELLITE
 . . SIRIO SATELLITE
 . . STORMSAT SATELLITE
 . . SYNCHRONOUS EARTH OBSERVATORY SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . SYNCHRONOUS METEOROLOGICAL SATELLITE
 . . . SMS 1
 . . . SMS 2
 . . SYNCOM SATELLITES
 . . . EARLY BIRD SATELLITES
 . . . SYNCOM 1 SATELLITE
 . . . SYNCOM 2 SATELLITE
 . . . SYNCOM 3 SATELLITE
 . . TD SATELLITES
 . . TD-1 SATELLITE
 RT ACTIVE SATELLITES
 ARCOMSAT
 CANADIAN SPACE PROGRAM
 COMMUNICATION SATELLITES
 COMMUNICATIONS TECHNOLOGY SATELLITE

SYNCHRONOUS SATELLITES--(cont.)
 MILITARY SPACECRAFT
 NAVIGATION SATELLITES
 PASSIVE SATELLITES
 REFSAT
 STATIONARY ORBITS
 SYMPHONIE SATELLITES
 TWENTY-FOUR HOUR ORBITS

SYNCHROPHASING
 RT AIRCRAFT NOISE
 NOISE REDUCTION
 PROPELLER BLADES
 SYNCHRONISM

SYNCHROPHASOTRONS
 GS PARTICLE ACCELERATORS
 . **SYNCHROPHASOTRONS**
 RT ∞ ACCELERATORS
 SYNCHROTRONS

SYNCHROSCOPES
 GS CIRCUITS
 . PHASE DETECTORS
 . . **SYNCHROSCOPES**
 RT CORRELATORS
 MEASURING INSTRUMENTS
 OSCILLOSCOPES
 SYNCHRONIZED OSCILLATORS

SYNCHROTRON RADIATION
 GS ELECTROMAGNETIC RADIATION
 . NONTHERMAL RADIATION
 . **SYNCHROTRON RADIATION**
 . . POLARIZED ELECTROMAGNETIC RADIATION
 . . **SYNCHROTRON RADIATION**
 . . POLARIZED RADIATION
 . . POLARIZED ELECTROMAGNETIC RADIATION
 . . **SYNCHROTRON RADIATION**
 . . BREMSSTRAHLUNG
 . . EXTRATERRESTRIAL RADIATION
 ∞ RADIATION
 . RADIATION PROTECTION
 . SYNCHROTRONS
 . X RAYS

SYNCHROTRONS
 GS PARTICLE ACCELERATORS
 . CYCLIC ACCELERATORS
 . . **SYNCHROTRONS**
 . . . BEVATRON
 . . . STORAGE RINGS (PARTICLE ACCELERATORS)
 RT BETATRONS
 CYCLOTRONS
 ELECTRON ACCELERATORS
 ION ACCELERATORS
 MICROTRONS
 SYNCHROCYCLOTRONS
 SYNCHROPHASOTRONS
 SYNCHROTRON RADIATION

SYNCLINES
 UF SYNCLINORIA
 RT ANTICLINES
 DOMES (GEOLOGY)
 GEOLOGICAL FAULTS
 GEOSYNCLINES
 ∞ LAYERS
 STRATA
 STRATIFICATION
 STRATIGRAPHY

SYNCLINORIA
 USE SYNCLINES

SYNCODERS
 RT BIONICS
 NEURONS
 SYNAPSES

SYNCOM APOGEE ENGINES
 GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET ENGINES
 . . **SYNCOM APOGEE ENGINES**
 . . VERNIER ENGINES
 . . **SYNCOM APOGEE ENGINES**
 . . TORPEDO ENGINES
 . . VERNIER ENGINES
 . . **SYNCOM APOGEE ENGINES**

SYNCOM SATELLITES

UF SYNCHRONOUS COMMUNICATION SATELLITES

GS ARTIFICIAL SATELLITES
 . ACTIVE SATELLITES
 . . . **SYNCOM SATELLITES**
 . . . EARLY BIRD SATELLITES
 . . . SYNCOM 1 SATELLITE
 . . . SYNCOM 2 SATELLITE
 . . . SYNCOM 3 SATELLITE
 . . . COMMUNICATION SATELLITES
 . . . **SYNCOM SATELLITES**
 . . . EARLY BIRD SATELLITES
 . . . SYNCOM 1 SATELLITE
 . . . SYNCOM 2 SATELLITE
 . . . SYNCOM 3 SATELLITE
 . . . SYNCOM 4 SATELLITE
 . . . SYNCHRONOUS SATELLITES
 . . . **SYNCOM SATELLITES**
 . . . EARLY BIRD SATELLITES
 . . . SYNCOM 1 SATELLITE
 . . . SYNCOM 2 SATELLITE
 . . . SYNCOM 3 SATELLITE

RT THOR DELTA LAUNCH VEHICLE

SYNCOM 1 SATELLITE

GS ARTIFICIAL SATELLITES
 . ACTIVE SATELLITES
 . . SYNCOM SATELLITES
 . . . **SYNCOM 1 SATELLITE**
 . . . COMMUNICATION SATELLITES
 . . . SYNCOM SATELLITES
 . . . **SYNCOM 1 SATELLITE**
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCOM SATELLITES
 . . . **SYNCOM 1 SATELLITE**

RT DELTA LAUNCH VEHICLE

SYNCOM 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . ACTIVE SATELLITES
 . . SYNCOM SATELLITES
 . . . **SYNCOM 2 SATELLITE**
 . . . COMMUNICATION SATELLITES
 . . . SYNCOM SATELLITES
 . . . **SYNCOM 2 SATELLITE**
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCOM SATELLITES
 . . . **SYNCOM 2 SATELLITE**

RT DELTA LAUNCH VEHICLE

SYNCOM 3 SATELLITE

GS ARTIFICIAL SATELLITES
 . ACTIVE SATELLITES
 . . SYNCOM SATELLITES
 . . . **SYNCOM 3 SATELLITE**
 . . . COMMUNICATION SATELLITES
 . . . SYNCOM SATELLITES
 . . . **SYNCOM 3 SATELLITE**
 . . . SYNCHRONOUS SATELLITES
 . . . SYNCOM SATELLITES
 . . . **SYNCOM 3 SATELLITE**

RT DELTA LAUNCH VEHICLE

SYNCOM 4 SATELLITE

GS ARTIFICIAL SATELLITES
 . COMMUNICATION SATELLITES
 . . SYNCOM SATELLITES
 . . . **SYNCOM 4 SATELLITE**

SYNCOPE

UF FAINTING

GS **SYNCOPE**
 . BLACKOUT (PHYSIOLOGY)
 . . BLACKOUT PREVENTION

RT UNCONSCIOUSNESS

SYNDROMES

USE SIGNS AND SYMPTOMS

SYNOPTIC MEASUREMENT

RT ∞ MEASUREMENT
 NEPHANALYSIS

SYNOPTIC METEOROLOGY

GS METEOROLOGY
 . **SYNOPTIC METEOROLOGY**

RT AIR MASSES
 ANTICYCLONES
 COLD FRONTS
 CYCLONES
 FRONTS (METEOROLOGY)
 METEOROLOGICAL CHARTS
 NEPHANALYSIS
 TELECONNECTIONS (METEOROLOGY)

SYNOPTIC METEOROLOGY--(cont.)

WARM FRONTS
 WEATHER FORECASTING

SYNTAX

GS LINGUISTICS
 . **SYNTAX**
 . . SENTENCES
 . . . WORDS (LANGUAGE)
 SYLLABLES

RT FORMAT
 GRAMMARS
 ∞ INTERPRETATION
 LANGUAGES
 NATURAL LANGUAGE PROCESSING
 ORTHOGRAPHY
 PARSING ALGORITHMS
 PSYCHOLINGUISTICS
 SEMANTICS
 SPEECH

SYNTECTIC ALLOYS

GS ALLOYS
 . **SYNTECTIC ALLOYS**

RT EUTECTICS
 LIQUID PHASES
 METALS
 PHASE TRANSFORMATIONS
 SOLID PHASES

SYNTHANE

UF SYNTHETIC METHANE

GS FUELS
 . CHEMICAL FUELS
 . . HYDROCARBON FUELS
 . . . **SYNTHANE**
 . . . SYNTHETIC FUELS
 . . . **SYNTHANE**

RT AUTOMOBILE FUELS
 CARBON DIOXIDE
 CARBON MONOXIDE
 COAL
 COAL GASIFICATION
 GASIFICATION
 HYDROGEN
 LIGNITE
 METHANE

 ∞ **SYNTHESIS**

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*

RT BIOSYNTHESIS
 CHEMICAL REACTIONS
 DECISION THEORY
 ∞ DESIGN
 NETWORK SYNTHESIS
 NUCLEAR FUSION
 OPERATIONS RESEARCH
 PLASMA JET SYNTHESIS
 SYNTHESIS (CHEMISTRY)
 SYNTHETIC FUELS
 SYSTEMS ENGINEERING

SYNTHESIS (CHEMISTRY)

GS **SYNTHESIS (CHEMISTRY)**
 . POLYMERIZATION
 . . COPOLYMERIZATION
 . . DIMERIZATION

RT ADDITION RESINS
 CHEMICAL REACTIONS
 ∞ CHEMISTRY
 FISCHER-TROPSCH PROCESS
 OPERATIONS RESEARCH
 ∞ SYNTHESIS
 SYNTHETIC FIBERS
 SYNTHETIC FUELS
 SYNTHETIC RESINS
 SYNTHETIC RUBBERS
 SYSTEMS ENGINEERING

SYNTHESIZERS

RT CHEMICAL REACTORS
 FREQUENCY SYNTHESIZERS

SYNTHETIC APERTURE RADAR

GS RADAR
 . **SYNTHETIC APERTURE RADAR**
 . . SIDE-LOOKING RADAR

RT AIRBORNE RADAR
 EARTHNET
 IMAGING RADAR
 MAGELLAN SPACECRAFT (NASA)
 MICROWAVE IMAGERY
 MICROWAVE SENSORS

SYNTHETIC APERTURE RADAR--(cont.)

RADAR EQUIPMENT
 RADARSAT
 SATELLITE-BORNE RADAR
 SHUTTLE IMAGING RADAR
 SURVEILLANCE RADAR
 SYNTHETIC APERTURES
 VENUS ORBITING IMAGING RADAR (SPACECRAFT)

SYNTHETIC APERTURES

GS OPENINGS
 . APERTURES
 . . **SYNTHETIC APERTURES**

RT IMAGING TECHNIQUES
 SYNTHETIC APERTURE RADAR

SYNTHETIC ARRAYS

GS ARRAYS
 . **SYNTHETIC ARRAYS**

RT ANTENNA RADIATION PATTERNS
 APERTURES
 DISTRIBUTION (PROPERTY)
 EARTH RESOURCES SHUTTLE IMAGING RADAR
 ∞ PATTERNS

SYNTHETIC FIBERS

GS FIBERS
 . **SYNTHETIC FIBERS**
 . . ARAMID FIBERS
 . . CERAMIC FIBERS
 . . DACRON (TRADEMARK)
 . . FORTISAN (TRADEMARK)
 . . GLASS FIBERS
 . . NYLON (TRADEMARK)
 . . RAYON
 . . VYCOR

RT ADDITION RESINS
 FLAME RETARDANTS
 KEVLAR (TRADEMARK)
 POLYACRYLONITRILE
 POLYBENZIMIDAZOLE
 POLYESTERS
 REINFORCING FIBERS
 SYNTHESIS (CHEMISTRY)
 WET SPINNING

SYNTHETIC FOOD

RT AMINO ACIDS
 BIOSYNTHESIS
 CARBOHYDRATES
 CELLULOSE
 EATING
 FATS
 ∞ FOOD
 FOOD INTAKE
 NUTRITIONAL REQUIREMENTS
 PROTEIN METABOLISM
 PROTEINS
 TASTE

SYNTHETIC FUELS

GS FUELS
 . CHEMICAL FUELS
 . . **SYNTHETIC FUELS**
 . . . GASOLIN (FUEL)
 . . . **SYNTHANE**

RT CHEMICAL REACTIONS
 CLEAN FUELS
 FISCHER-TROPSCH PROCESS
 HYDROCARBON FUELS
 LIQUID FUELS
 ∞ SYNTHESIS
 SYNTHESIS (CHEMISTRY)

SYNTHETIC METALS

RT CRYSTAL LATTICES
 GRAPHITE
 ORGANOMETALLIC COMPOUNDS

SYNTHETIC METHANE

USE **SYNTHANE**

SYNTHETIC RESINS

GS PLASTICS
 . **SYNTHETIC RESINS**
 . . ADDITION RESINS
 . . ACRYLIC RESINS
 . . VINYL COPOLYMERS
 . . POLYESTER RESINS
 . . POLYETHER RESINS
 . . . PEEK
 . . . POLYMETHYL METHACRYLATE
 . . THERMOPLASTIC RESINS

SYNTHETIC RESINS--(cont.)

... PEEK
 ... QUINOXALINES
 ... THERMOPLASTIC FILMS
 ... THERMOSETTING RESINS
 ... EPOXY RESINS
 ... PHENOLIC EPOXY RESINS
 ... FURAN RESINS
 ... POLYAMIDE RESINS
 ... KEVLAR (TRADEMARK)
 ... PHENOLIC RESINS
 ... MICARTA
 ... PHENOLIC EPOXY RESINS
 RESINS
 . **SYNTHETIC RESINS**
 . ADDITION RESINS
 . ACRYLIC RESINS
 . VINYL COPOLYMERS
 . POLYESTER RESINS
 . POLYETHER RESINS
 . PEEK
 . POLYMETHYL METHACRYLATE
 . THERMOPLASTIC RESINS
 . PEEK
 . QUINOXALINES
 . THERMOPLASTIC FILMS
 . THERMOSETTING RESINS
 . EPOXY RESINS
 . PHENOLIC EPOXY RESINS
 . FURAN RESINS
 . POLYAMIDE RESINS
 . KEVLAR (TRADEMARK)
 . PHENOLIC RESINS
 . MICARTA
 . PHENOLIC EPOXY RESINS
 RT POLYETHYLENES
 ∞ POLYMERS
 POLYPROPYLENE
 POLYSTYRENE
 POLYTETRAFLUOROETHYLENE
 POLYVINYL ALCOHOL
 POLYVINYL CHLORIDE
 SYNTHESIS (CHEMISTRY)
 TEFLON (TRADEMARK)

SYNTHETIC RUBBERS

GS RUBBER
 . **SYNTHETIC RUBBERS**
 . ADIPRENE (TRADEMARK)
 . BUNA (TRADEMARK)
 . ELASTOMERS
 . CHLOROPRENE RESINS
 . THIOPLASTICS
 . VITON RUBBER (TRADEMARK)
 . VULCANIZED ELASTOMERS
 . RTV-40 RUBBER (TRADEMARK)
 . RTV-60 RUBBER (TRADEMARK)
 RT LATEX
 POLYBUTADIENE
 POLYISOBUTYLENE
 POLYISOPRENES
 SILICONE RUBBER
 SOLITHANES
 SYNTHESIS (CHEMISTRY)

SYNTONY

RT FREQUENCY SYNCHRONIZATION
 OSCILLATIONS
 RESONANCE

SYPHILIS

GS DISEASES
 . INFECTIOUS DISEASES
 . BACTERIAL DISEASES
 . . . **SYPHILIS**

SYRIA

GS NATIONS
 . **SYRIA**
 RT ASIA

SYRINGES

GS LABORATORY EQUIPMENT
 . **SYRINGES**
 MEDICAL EQUIPMENT
 . **SYRINGES**
 RT BULBS
 ∞ EQUIPMENT
 FLUID FLOW
 PIPES (TUBES)
 TRANSFUSION

SYSTEM EFFECTIVENESS

GS EFFECTIVENESS
 . **SYSTEM EFFECTIVENESS**

SYSTEM EFFECTIVENESS--(cont.)

RT MODULATION TRANSFER FUNCTION
 OPTICAL TRANSFER FUNCTION
 RELIABILITY
 RELIABILITY ENGINEERING
 ∞ SYSTEMS
 SYSTEMS ENGINEERING
 SYSTEMS INTEGRATION

SYSTEM FAILURES

GS FAILURE
 . **SYSTEM FAILURES**
 RT ∞ BREAKDOWN
 DETERIORATION
 DOWNTIME
 FATIGUE (MATERIALS)
 FAULT DETECTION
 MALFUNCTIONS
 SHORT CIRCUITS
 STRUCTURAL FAILURE
 STRUCTURAL STRAIN
 ∞ SYSTEMS
 WEAR

SYSTEM GENERATED ELECTROMAGNETIC PULSES

UF SGEMP
 GS ELECTROMAGNETIC FIELDS
 . **SYSTEM GENERATED ELECTROMAGNETIC PULSES**
 ELECTROMAGNETIC RADIATION
 . ELECTROMAGNETIC PULSES
 . . **SYSTEM GENERATED ELECTROMAGNETIC PULSES**
 PULSED RADIATION
 . ELECTROMAGNETIC PULSES
 . . **SYSTEM GENERATED ELECTROMAGNETIC PULSES**
 PULSES
 . ELECTROMAGNETIC PULSES
 . . **SYSTEM GENERATED ELECTROMAGNETIC PULSES**
 ELECTRIC CURRENT
 ELECTRIC PULSES
 ELECTROMAGNETIC INTERFERENCE
 ELECTRONIC EQUIPMENT
 EXTERNAL SURFACE CURRENTS
 EXTRATERRESTRIAL RADIATION
 IONIZING RADIATION
 PLASMA SHEATHS
 SATELLITE COMMUNICATION
 SPACECRAFT CHARGING
 SPACECRAFT COMMUNICATION
 X RAYS

SYSTEM IDENTIFICATION

GS ESTIMATING
 . **SYSTEM IDENTIFICATION**
 IDENTIFYING
 . **SYSTEM IDENTIFICATION**
 SYSTEMS ANALYSIS
 . **SYSTEM IDENTIFICATION**
 RT COMPLEX SYSTEMS
 CONTROL SYSTEMS DESIGN
 DYNAMIC RESPONSE
 ESTIMATES
 FUZZY SYSTEMS
 MATHEMATICAL MODELS
 MAXIMUM LIKELIHOOD ESTIMATES
 OBSERVABILITY (SYSTEMS)
 OPTIMIZATION
 PARAMETER IDENTIFICATION
 PARAMETERIZATION
 PREDICTION ANALYSIS TECHNIQUES
 PROBABILITY THEORY
 RELIABILITY ENGINEERING
 STATISTICAL ANALYSIS
 STEEPEST DESCENT METHOD
 ∞ SYSTEMS
 SYSTEMS ENGINEERING

SYSTEM 10 COMPUTER

USE PDP 10 COMPUTER

∞ SYSTEMS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ADVANCED VIDICON CAMERA SYSTEM (AVCS)
 AEROSPACE SYSTEMS
 AFFERENT NERVOUS SYSTEMS
 AFRICAN RIFT SYSTEM
 AIR CUSHION LANDING SYSTEMS

SYSTEMS--(cont.)

AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 AIRCRAFT FUEL SYSTEMS
 AIRCRAFT HYDRAULIC SYSTEMS
 ALL-WEATHER LANDING SYSTEMS
 ALOHA SYSTEM
 ANNULAR SUSPENSION AND POINTING SYSTEM
 APOLLO EXTENSION SYSTEM
 ASCENT PROPULSION SYSTEMS
 ASTROGUIDE NAVIGATION SYSTEM
 ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
 AUTOMATED PILOT ADVISORY SYSTEM
 AUTOMATED RADAR TERMINAL SYSTEM
 AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
 AUTONOMIC NERVOUS SYSTEM
 BALLISTIC MISSILE EARLY WARNING SYSTEM
 BEACON COLLISION AVOIDANCE SYSTEM
 BINARY SYSTEMS (MATERIALS)
 BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
 BIOCONTROL SYSTEMS
 CARDIOVASCULAR SYSTEM
 CELESTIAL REFERENCE SYSTEMS
 CENTRAL ELECTRONIC MANAGEMENT SYSTEM
 CENTRAL NERVOUS SYSTEM
 CENTRAL NERVOUS SYSTEM DEPRESSANTS
 CENTRAL NERVOUS SYSTEM STIMULANTS
 CHOKES (FUEL SYSTEMS)
 CLOSED ECOLOGICAL SYSTEMS
 COMPLEX SYSTEMS
 COMPUTER SYSTEMS DESIGN
 COMPUTER SYSTEMS PERFORMANCE
 COMPUTER SYSTEMS PROGRAMS
 COMPUTER SYSTEMS SIMULATION
 COOLING SYSTEMS
 CYBERNETICS
 DATA BASE MANAGEMENT SYSTEMS
 DATA SYSTEMS
 DEFENSE COMMUNICATIONS SATELLITE SYSTEM
 DEFENSE COMMUNICATIONS SYSTEM (DCS)
 DESCENT PROPULSION SYSTEMS
 DIGESTIVE SYSTEM
 DIGITAL COMMAND SYSTEMS
 DIGITAL SYSTEMS
 DISCRETE ADDRESS BEACON SYSTEM
 DISK OPERATING SYSTEM (DOS)
 DISPLAY DEVICES
 DISTRIBUTED PARAMETER SYSTEMS
 DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
 EARLY WARNING SYSTEMS
 EARTH RESOURCES INFORMATION SYSTEM
 EARTH TERMINAL MEASUREMENT SYSTEM
 EARTH-MOON SYSTEM
 ECOSYSTEMS
 EFFERENT NERVOUS SYSTEMS
 EISCAT RADAR SYSTEM (EUROPE)
 ∞ ELASTIC SYSTEMS
 ELECTRONIC RECORDING SYSTEMS
 EMERGENCY LIFE SUSTAINING SYSTEMS
 END-TO-END DATA SYSTEMS
 ENDOCRINE SYSTEMS
 ESCAPE SYSTEMS
 EXHAUST SYSTEMS
 FAIL-SAFE SYSTEMS
 FEED SYSTEMS
 FEEDBACK
 FLEET SATELLITE COMMUNICATION SYSTEM
 FUEL SYSTEMS
 FUZZY SYSTEMS
 GASTROINTESTINAL SYSTEM
 GENITOURINARY SYSTEM
 GLOBAL POSITIONING SYSTEM
 GODDARD TRAJECTORY DETERMINATION SYSTEM
 GROUND OPERATIONAL SUPPORT SYSTEM
 GROUND SUPPORT SYSTEMS
 GUIDANCE (MOTION)
 HARDENING (SYSTEMS)
 HEMATOPOIETIC SYSTEM

SYSTEMS--(cont.)

HYBRID NAVIGATION SYSTEMS
 HYDRAULIC EQUIPMENT
 HYDROPLANES (SURFACES)
 HYDROTHERMAL SYSTEMS
 ∞ HYPERBOLIC SYSTEMS
 IFF SYSTEMS (IDENTIFICATION)
 IGNITION SYSTEMS
 IMLSS
 INERTIAL REFERENCE SYSTEMS
 INFORMATION ADAPTIVE SYSTEM
 INFORMATION SYSTEMS
 INSTRUMENT LANDING SYSTEMS
 INTAKE SYSTEMS
 INTEGRATED ENERGY SYSTEMS
 INTEGRATED GLOBAL OCEAN STATION
 SYSTEMS
 INTERNATIONAL SYSTEM OF UNITS
 INTRAVASCULAR SYSTEM
 JETTISON SYSTEMS
 LAUNCH ESCAPE SYSTEMS
 LIFE SUPPORT SYSTEMS
 LIGHT AIRBORNE MULTIPURPOSE
 SYSTEM
 LINEAR SYSTEMS
 LOCATES SYSTEM
 LORAC NAVIGATION SYSTEM
 LUBRICATION SYSTEMS
 LUMPED PARAMETER SYSTEMS
 LUNAR EXPLORATION SYSTEM FOR
 APOLLO
 MAN MACHINE SYSTEMS
 MAN OPERATED PROPULSION SYSTEMS
 MANAGEMENT INFORMATION SYSTEMS
 MANAGEMENT SYSTEMS
 METAL-GAS SYSTEMS
 METHOXY SYSTEMS
 MICROWAVE LANDING SYSTEMS
 MICROWAVE SCANNING BEAM LANDING
 SYSTEM
 MIMO (CONTROL SYSTEMS)
 MINITRACK SYSTEM
 MIROS SYSTEM
 MISSILE SYSTEMS
 MODULAR INTEGRATED UTILITY SYSTEM
 MUSCULOSKELETAL SYSTEM
 NASA INTERACTIVE PLANNING SYSTEM
 NATIONAL AIRSPACE UTILIZATION
 SYSTEM
 NATIONAL AVIATION SYSTEM
 NATIONAL OCEANIC SATELLITE SYSTEM
 NAVIGATION
 NEEDS (DATA SYSTEM)
 NERVOUS SYSTEM
 NIKE X SYSTEMS
 NOESS
 NONLINEAR SYSTEMS
 NOVA LASER SYSTEM
 OBSERVABILITY (SYSTEMS)
 OMEGA NAVIGATION SYSTEM
 ON-LINE SYSTEMS
 OPERATING SYSTEMS (COMPUTERS)
 OPTICAL RELAY SYSTEMS
 PAYLOAD DEPLOYMENT & RETRIEVAL
 SYSTEM
 PERIPHERAL NERVOUS SYSTEM
 PHASE LOCKED SYSTEMS
 PIGGYBACK SYSTEMS
 PLANETARY SYSTEMS
 PLAT SYSTEM
 PNEUMATIC EQUIPMENT
 POINTING CONTROL SYSTEMS
 POLYSTATION DOPPLER TRACKING
 SYSTEM
 PORTABLE LIFE SUPPORT SYSTEMS
 POST BOOST PROPULSION SYSTEM
 PROPULSION SYSTEM CONFIGURATIONS
 PROPULSION SYSTEM PERFORMANCE
 PUBLIC ADDRESS SYSTEMS
 QUALITY CONTROL
 RADIO RELAY SYSTEMS
 RANGER BLOCK 3 TELEVISION SYSTEM
 RAPID TRANSIT SYSTEMS
 ∞ REFERENCE SYSTEMS
 REMOTE MANIPULATOR SYSTEM
 REPRODUCTIVE SYSTEMS
 RESPIRATORY SYSTEM
 ROTOR SYSTEMS RESEARCH AIRCRAFT
 SAFEGUARD SYSTEM
 SAGE AIR DEFENSE SYSTEM
 SATELLITE NAVIGATION SYSTEMS
 SELF ADAPTIVE CONTROL SYSTEMS
 SELF ORGANIZING SYSTEMS
 SENTINEL SYSTEM
 SHIVA LASER SYSTEM
 SISO (CONTROL SYSTEMS)

SYSTEMS--(cont.)

SNAP
 SOLAR SYSTEM
 SOLAR TOTAL ENERGY SYSTEMS
 SPACE DETECTION AND TRACKING
 SYSTEM
 SPACE TRANSPORTATION SYSTEM
 SPACE TRANSPORTATION SYSTEM
 FLIGHTS
 SUPPORT SYSTEMS
 SUSPENSION SYSTEMS (VEHICLES)
 SYMPATHETIC NERVOUS SYSTEM
 SYSTEM EFFECTIVENESS
 SYSTEM FAILURES
 SYSTEM IDENTIFICATION
 SYSTEMS ANALYSIS
 SYSTEMS ENGINEERING
 SYSTEMS INTEGRATION
 SYSTEMS MANAGEMENT
 SYSTEMS SIMULATION
 SYSTEMS STABILITY
 TELECOMMUNICATION
 TELEGRAPH SYSTEMS
 TELETYPEWRITER SYSTEMS
 TELEVISION SYSTEMS
 TERCOM
 TERNARY SYSTEMS
 TIROS OPERATIONAL SATELLITE
 SYSTEM
 TOTAL ENERGY SYSTEMS
 TRADEX RADAR SYSTEM
 TRANSCONTINENTAL SYSTEMS
 TRANSFER FUNCTIONS
 TRANSOCEANIC SYSTEMS
 TYPHON WEAPON SYSTEM
 VACUUM SYSTEMS
 VARIABLE MASS SYSTEMS
 VORTEX ADVISORY SYSTEM
 WARNING SYSTEMS
 WEAPON SYSTEM MANAGEMENT
 WEAPON SYSTEMS

SYSTEMS ANALYSIS

GS SYSTEMS ANALYSIS
 . SYSTEM IDENTIFICATION
 RT ∞ ANALYZING
 BLOCK DIAGRAMS
 BOND GRAPHS
 COMPLEX SYSTEMS
 COMPUTER PROGRAMMING
 COMPUTER SYSTEMS PROGRAMS
 COMPUTER SYSTEMS SIMULATION
 CONTROL SYSTEMS DESIGN
 FEASIBILITY ANALYSIS
 FUZZY SYSTEMS
 MAN MACHINE SYSTEMS
 MATHEMATICAL MODELS
 MODULATION TRANSFER FUNCTION
 OBSERVABILITY (SYSTEMS)
 OPERATING COSTS
 OPERATIONS RESEARCH
 OPTICAL TRANSFER FUNCTION
 PARAMETER IDENTIFICATION
 PREFLIGHT ANALYSIS
 PROCEDURES
 PROGRAM VERIFICATION (COMPUTERS)
 SIMULATION
 SOCIOLOGY
 STATISTICAL ANALYSIS
 ∞ SYSTEMS
 TRAJECTORY ANALYSIS
 WEIGHT ANALYSIS
 WEIGHT REDUCTION

SYSTEMS COMPATIBILITY

GS COMPATIBILITY
 . SYSTEMS COMPATIBILITY
 RT RELIABILITY
 RELIABILITY ENGINEERING

SYSTEMS DESIGN

USE SYSTEMS ENGINEERING

SYSTEMS ENGINEERING

UF SYSTEMS DESIGN
 GS SYSTEMS ENGINEERING
 . COMPUTER SYSTEMS DESIGN
 . CONTROL SYSTEMS DESIGN
 RT AEROSPACE SYSTEMS
 AIRCRAFT DESIGN
 ∞ AUTOMATION
 BIONICS
 BOND GRAPHS
 COMMUNICATING
 CONTRACT MANAGEMENT

SYSTEMS ENGINEERING--(cont.)

∞ CONTROL
 CRITICAL PATH METHOD
 CYBERNETICS
 DATA PROCESSING
 DECISION MAKING
 DECISION THEORY
 ∞ DESIGN
 ELECTRICAL ENGINEERING
 ∞ ENGINEERING
 EXPERIMENT DESIGN
 FLIGHT MANAGEMENT SYSTEMS
 FORECASTING
 FUNCTIONAL DESIGN SPECIFICATIONS
 HUMAN FACTORS ENGINEERING
 INFORMATION THEORY
 LIFE CYCLE COSTS
 MAN MACHINE SYSTEMS
 MANAGEMENT
 MANAGEMENT PLANNING
 MATHEMATICAL MODELS
 MECHANIZATION
 MISSILE DESIGN
 MODULARITY
 OBSERVABILITY (SYSTEMS)
 OPERATIONAL PROBLEMS
 ∞ OPERATIONS
 OPERATIONS RESEARCH
 OPTICAL TRANSFER FUNCTION
 ORBIT SPECTRUM UTILIZATION
 PARAMETER IDENTIFICATION
 RELIABILITY
 RELIABILITY ENGINEERING
 RESEARCH AND DEVELOPMENT
 REVERSE ENGINEERING
 SATELLITE DESIGN
 SOFTWARE ENGINEERING
 SPACECRAFT DESIGN
 STATISTICAL ANALYSIS
 ∞ STATISTICS
 ∞ SYNTHESIS
 SYNTHESIS (CHEMISTRY)
 SYSTEM EFFECTIVENESS
 SYSTEM IDENTIFICATION
 SYSTEMS INTEGRATION

SYSTEMS FOR NUCLEAR AUXILIARY POWER
USE SNAP

SYSTEMS INTEGRATION

RT AIRBORNE/SPACEBORNE COMPUTERS
 AVIONICS
 CONTROL SYSTEMS DESIGN
 DIGITAL SYSTEMS
 SYSTEM EFFECTIVENESS
 ∞ SYSTEMS
 SYSTEMS ENGINEERING
 SYSTEMS SIMULATION

SYSTEMS MANAGEMENT

GS MANAGEMENT
 . SYSTEMS MANAGEMENT
 RT INDUSTRIAL MANAGEMENT
 INFORMATION SYSTEMS
 MAN MACHINE SYSTEMS
 MANAGEMENT METHODS
 OPERATIONS RESEARCH

SYSTEMS SIMULATION

GS SIMULATION
 . SYSTEMS SIMULATION
 RT ANALOG SIMULATION
 COMPUTERIZED SIMULATION
 DYNAMIC MODELS
 DYNAMICAL SYSTEMS
 FLIGHT SIMULATION
 MATHEMATICAL MODELS
 MODEL REFERENCE ADAPTIVE
 CONTROL
 OPERATIONS RESEARCH
 ∞ SYSTEMS
 SYSTEMS INTEGRATION

SYSTEMS STABILITY

GS STABILITY
 . SYSTEMS STABILITY
 RT CONTROL STABILITY
 DYNAMIC STABILITY
 EQUATIONS OF MOTION
 ∞ EQUILIBRIUM
 FLOW STABILITY
 LOOP TRANSFER RECOVERY
 MIMO (CONTROL SYSTEMS)
 SISO (CONTROL SYSTEMS)
 ∞ SYSTEMS

SYSTEMS STABILITY--(cont.)

UNSTEADY STATE

SYSTOLE

- GS HEART FUNCTION
 - . SYSTOLE
 - RATES (PER TIME)
 - . SYSTOLE
- RT BLOOD FLOW
 - BLOOD PRESSURE
 - CARDIAC VENTRICLES
 - CARDIOVASCULAR SYSTEM
 - DIASTOLE
 - HEART RATE
 - SYSTOLIC PRESSURE

SYSTOLIC ARRAYS

- GS ARRAYS
 - . SYSTOLIC ARRAYS
- RT ALGORITHMS
 - ARCHITECTURE (COMPUTERS)
 - CHIPS (ELECTRONICS)
 - COMPUTATION
 - PARALLEL PROCESSING (COMPUTERS)
 - VERY LARGE SCALE INTEGRATION

SYSTOLIC PRESSURE

- GS PRESSURE
 - . BLOOD PRESSURE
 - . SYSTOLIC PRESSURE
- RT SYSTOLE

T

T SHAPE

- UF TEE
- GS SHAPES
 - . T SHAPE
- RT BEAMS (SUPPORTS)

T TAIL SURFACES

- GS TAIL SURFACES
 - . T TAIL SURFACES
- RT CONTROL SURFACES
 - STABILIZERS (FLUID DYNAMICS)
 - ∞ SURFACES
 - SWEPTBACK TAIL SURFACES
 - TAIL ASSEMBLIES

T TAURI STARS

- GS CELESTIAL BODIES
 - . STARS
 - . . . PROTOSTARS
 - . . . PRE-MAIN SEQUENCE STARS
 - T TAURI STARS
 - . . . VARIABLE STARS
 - T TAURI STARS
- RT HERBIG-HARO OBJECTS
 - STAR FORMATION
 - TAURUS CONSTELLATION

T-2 AIRCRAFT

- UF BUCKEYE AIRCRAFT
 - T2J AIRCRAFT
 - YT-2 AIRCRAFT
- GS ATTACK AIRCRAFT
 - . T-2 AIRCRAFT
 - JET AIRCRAFT
 - . T-2 AIRCRAFT
 - MONOPLANES
 - . T-2 AIRCRAFT
 - NORTH AMERICAN AIRCRAFT
 - . T-2 AIRCRAFT
 - SINGLE ENGINE AIRCRAFT
 - . T-2 AIRCRAFT
 - TRAINING AIRCRAFT
 - . T-2 AIRCRAFT
- RT ∞ AIRCRAFT

T-28 AIRCRAFT

- UF TROJAN AIRCRAFT
- GS MONOPLANES
 - . T-28 AIRCRAFT
 - NORTH AMERICAN AIRCRAFT
 - . T-28 AIRCRAFT
 - SINGLE ENGINE AIRCRAFT
 - . T-28 AIRCRAFT
 - TRAINING AIRCRAFT
 - . T-28 AIRCRAFT
- RT ∞ AIRCRAFT

T-33 AIRCRAFT

- UF F-80 AIRCRAFT
 - SHOOTING STAR AIRCRAFT
- GS JET AIRCRAFT
 - . T-33 AIRCRAFT
 - LOCKHEED AIRCRAFT
 - . T-33 AIRCRAFT
 - MONOPLANES
 - . T-33 AIRCRAFT
 - SINGLE ENGINE AIRCRAFT
 - . T-33 AIRCRAFT
 - TRAINING AIRCRAFT
 - . T-33 AIRCRAFT
- RT ∞ AIRCRAFT

T-34 ENGINE

- GS AIRCRAFT ENGINES
 - . T-34 ENGINE
 - ENGINES
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-34 ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-34 ENGINE
- RT C-133 AIRCRAFT

T-37 AIRCRAFT

- GS CESSNA AIRCRAFT
 - . T-37 AIRCRAFT
 - JET AIRCRAFT
 - . T-37 AIRCRAFT
 - MONOPLANES
 - . T-37 AIRCRAFT
 - TRAINING AIRCRAFT
 - . T-37 AIRCRAFT
- RT A-37 AIRCRAFT
 - ∞ AIRCRAFT

T-38 AIRCRAFT

- UF TALON AIRCRAFT
- GS JET AIRCRAFT
 - . T-38 AIRCRAFT
 - MONOPLANES
 - . T-38 AIRCRAFT
 - NORTHROP AIRCRAFT
 - . T-38 AIRCRAFT
 - SUPERSONIC AIRCRAFT
 - . T-38 AIRCRAFT
 - TRAINING AIRCRAFT
 - . T-38 AIRCRAFT
- RT ∞ AIRCRAFT

T-38 ENGINE

- GS AIRCRAFT ENGINES
 - . T-38 ENGINE
 - ENGINES
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-38 ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-38 ENGINE

T-39 AIRCRAFT

- UF SABRELINER AIRCRAFT
 - T3J AIRCRAFT
- GS JET AIRCRAFT
 - . T-39 AIRCRAFT
 - MONOPLANES
 - . T-39 AIRCRAFT
 - NORTH AMERICAN AIRCRAFT
 - . T-39 AIRCRAFT
 - PASSENGER AIRCRAFT
 - . T-39 AIRCRAFT
 - TRAINING AIRCRAFT
 - . T-39 AIRCRAFT
 - UTILITY AIRCRAFT
 - . T-39 AIRCRAFT
- RT ∞ AIRCRAFT
 - CARGO AIRCRAFT

T-53 ENGINE

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-53 ENGINE
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-53 ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-53 ENGINE
- RT HELICOPTER ENGINES

T-55 ENGINE

- GS AIRCRAFT ENGINES
 - . T-55 ENGINE
- RT HELICOPTER ENGINES

T-56 ENGINE

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-56 ENGINE
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-56 ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - TURBOJET ENGINES
 - TURBOPROP ENGINES
 - T-56 ENGINE
- RT C-130 AIRCRAFT

T-58 ENGINE

- GS ENGINES
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - T-58 ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - T-58 ENGINE
- RT AIRCRAFT ENGINES
 - HELICOPTER ENGINES
 - VERTICAL TAKEOFF AIRCRAFT

T-58-GE-8B ENGINE

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . . GAS TURBINE ENGINES
 - T-58-GE-8B ENGINE
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - T-58-GE-8B ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - T-58-GE-8B ENGINE
- RT AIRCRAFT ENGINES
 - HELICOPTER ENGINES
 - VERTICAL TAKEOFF AIRCRAFT

T-63 ENGINE

- GS AIRCRAFT ENGINES
 - . T-63 ENGINE
 - ENGINES
 - . . . INTERNAL COMBUSTION ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - T-63 ENGINE
 - . . . TURBINE ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES
 - T-63 ENGINE
- RT HELICOPTER ENGINES

T-64 ENGINE

- GS ENGINES
 - . AIR BREATHING ENGINES
 - . . . GAS TURBINE ENGINES
 - . . . JET ENGINES

T-64 ENGINE--(cont.)

- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-64 ENGINE**
- ... INTERNAL COMBUSTION ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-64 ENGINE**
- ... TURBINE ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-64 ENGINE**
- RT HELICOPTER ENGINES

T-74 ENGINE

- GS ENGINES
- ... AIR BREATHING ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-74 ENGINE**
- ... INTERNAL COMBUSTION ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-74 ENGINE**
- ... TURBINE ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-74 ENGINE**
- RT HELICOPTER ENGINES

T-76 ENGINE

- GS AIRCRAFT ENGINES
- ... **T-76 ENGINE**
- ... ENGINES
- ... INTERNAL COMBUSTION ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... **T-76 ENGINE**
- ... TURBINE ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... **T-76 ENGINE**
- RT HELICOPTER ENGINES

T-78 ENGINE

- GS AIRCRAFT ENGINES
- ... **T-78 ENGINE**
- ... ENGINES
- ... INTERNAL COMBUSTION ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-78 ENGINE**
- ... TURBINE ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOPROP ENGINES
- ... **T-78 ENGINE**

TABLES (DATA)

- GS **TABLES (DATA)**
- ... CONVERSION TABLES
- ... INTERFERENCE FACTOR TABLE
- ... MATHEMATICAL TABLES
- RT AIR DATA SYSTEMS
- ... ASTRONOMICAL CATALOGS
- ∞ DATA
- ... DATA ACQUISITION
- ... DATA MANAGEMENT
- ... DATA PROCESSING
- ... DATA RECORDING
- ... DATA REDUCTION
- ... DATA RETRIEVAL
- ... PRINTOUTS
- ... STATISTICAL ANALYSIS
- ∞ STATISTICS
- ∞ TABULATION
- ... TABULATION PROCESSES

TABLETS

- RT BRIQUETS
- ∞ CAPSULES
- ... MOLDS

TABS (CONTROL SURFACES)

- GS AIRFOILS
- ... **TABS (CONTROL SURFACES)**
- ... CONTROL SURFACES
- ... **TABS (CONTROL SURFACES)**
- RT AERIAL RUDDERS
- ... AILERONS
- ∞ CONTROL
- ... ELEVATORS (CONTROL SURFACES)
- ... ELEVONS
- ... RUDDERS
- ... STABILIZERS (FLUID DYNAMICS)
- ∞ SURFACES

TABULATING

- USE TABULATION PROCESSES

∞ TABULATION

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT TABLES (DATA)
- ... TABULATION PROCESSES

TABULATION PROCESSES

- UF TABULATING
- RT DATA PROCESSING
- ... DATA RECORDING
- ... TABLES (DATA)
- ∞ TABULATION

TACAN

- UF TACTICAL AIR NAVIGATION
- GS NAVIGATION
- ... RADIO NAVIGATION
- ... **TACAN**
- RT AIR NAVIGATION
- ... ALL-WEATHER AIR NAVIGATION
- ... FLIGHT PATHS
- ... NAVIGATION AIDS
- ... RADAR NAVIGATION
- ... SOLAR COMPASSES

TACHISTOSCOPES

- RT VISUAL PERCEPTION

TACHOMETERS

- GS DISPLAY DEVICES
- ... SPEED INDICATORS
- ... **TACHOMETERS**
- ... MEASURING INSTRUMENTS
- ... INDICATING INSTRUMENTS
- ... SPEED INDICATORS
- ... **TACHOMETERS**
- RT AIRCRAFT INSTRUMENTS
- ... ANGULAR VELOCITY
- ... TIMING DEVICES
- ... VELOCITY MEASUREMENT

TACHYCARDIA

- GS DISEASES
- ... **TACHYCARDIA**
- ... RATES (PER TIME)
- ... HEART RATE
- ... **TACHYCARDIA**

TACHYONS

- GS PARTICLES
- ... ELEMENTARY PARTICLES
- ... **TACHYONS**

TACHYPNEA

- GS RATES (PER TIME)
- ... RESPIRATORY RATE
- ... **TACHYPNEA**

TACKINESS

- RT ADHESION

TACT PROGRAM

- UF TRANSONIC AIRCRAFT TECHNOLOGY
- ... PROGRAM
- GS PROGRAMS
- ... NASA PROGRAMS
- ... **TACT PROGRAM**
- RT ∞ AERONAUTICS
- ... AIRCRAFT

TACTICAL AIR NAVIGATION

- USE TACAN

TACTICS

- RT ATTACKING (ASSAULTING)
- ... DEPLOYMENT

TACTICS--(cont.)

- ... EVASIVE ACTIONS
- ... MILITARY OPERATIONS
- ... MILITARY TECHNOLOGY
- ... OBSTACLE AVOIDANCE

TACTILE DISCRIMINATION

- GS DISCRIMINATION
- ... SENSORY DISCRIMINATION
- ... **TACTILE DISCRIMINATION**
- ... PERCEPTION
- ... SENSORY PERCEPTION
- ... TOUCH
- ... **TACTILE DISCRIMINATION**
- RT TACTILE SENSORS (ROBOTICS)

TACTILE SENSATION

- USE TOUCH

TACTILE SENSORS (ROBOTICS)

- GS ROBOT SENSORS
- ... **TACTILE SENSORS (ROBOTICS)**
- RT END EFFECTORS
- ... MANIPULATORS
- ... ROBOTS
- ∞ SENSORS
- ... SERVOMECHANISMS
- ... TACTILE DISCRIMINATION
- ... TELEOPERATORS
- ... TOUCH

TAFEL LAW

- GS LAWS
- ... **TAFEL LAW**
- RT ELECTRODES
- ... ELECTROLYSIS
- ... FICKS EQUATION
- ... POLARIZATION (CHARGE SEPARATION)

TAGGING

- USE MARKING

TAGN

- UF TRIAMINO GUANIDINENITRATE
- GS OXIDIZERS
- ... ROCKET OXIDIZERS
- ... **TAGN**
- ... PROPELLANTS
- ... ROCKET PROPELLANTS
- ... **TAGN**
- RT EXPLOSIVES

TAIL ASSEMBLIES

- UF EMPENNAGE
- ... TAIL MOUNTINGS
- ... TAILS (ASSEMBLIES)
- ... VERTICAL TAILS
- GS ASSEMBLIES
- ... **TAIL ASSEMBLIES**
- ... SWING TAIL ASSEMBLIES
- RT AERIAL RUDDERS
- ... AFTERBODIES
- ... AIRCRAFT PARTS
- ... AIRCRAFT STRUCTURES
- ... AIRFOILS
- ... AIRFRAMES
- ... BOATTAILS
- ... BODY-WING AND TAIL CONFIGURATIONS
- ∞ BOOM
- ... CONTROL SURFACES
- ... ELEVATORS (CONTROL SURFACES)
- ... FINS
- ... HORIZONTAL TAIL SURFACES
- ... HYDROFOILS
- ... MARINE RUDDERS
- ... MISSILE STRUCTURES
- ... RUDDERS
- ... SAILS
- ... STABILIZERS (FLUID DYNAMICS)
- ... T TAIL SURFACES
- ... VANES

TAIL MOUNTINGS

- USE TAIL ASSEMBLIES

TAIL PLANES

- USE HORIZONTAL TAIL SURFACES

TAIL ROTORS

- GS ROTATING BODIES
- ... ROTORS
- ... **TAIL ROTORS**
- ... HELICOPTER TAIL ROTORS
- RT HELICOPTER CONTROL

TAIL ROTORS--(cont.)

RT ROTARY WINGS
 ∞ ROTOR BLADES

TAIL SURFACES

GS **TAIL SURFACES**
 . HORIZONTAL TAIL SURFACES
 . SWEEPBACK TAIL SURFACES
 . T TAIL SURFACES
 . TRAPEZOIDAL TAIL SURFACES
 RT CONTROL SURFACES
 ELEVATORS (CONTROL SURFACES)
 RUDDERS
 STABILIZERS (FLUID DYNAMICS)
 ∞ SURFACES

TAILLESS AIRCRAFT

UF FLYING WING AIRCRAFT
 GS **TAILLESS AIRCRAFT**
 . AVRO 707 AIRCRAFT
 . B-58 AIRCRAFT
 . F-102 AIRCRAFT
 . F-106 AIRCRAFT
 . FD 2 AIRCRAFT
 . HP-115 AIRCRAFT
 . MIRAGE 3 AIRCRAFT
 . SC-1 AIRCRAFT
 . VULCAN AIRCRAFT
 RT ∞ AIRCRAFT
 JET AIRCRAFT
 ∞ LOW WING AIRCRAFT
 ∞ MILITARY AIRCRAFT
 MONOPLANES
 RESEARCH AIRCRAFT

TAILORING

USE DESIGN

TAILS (ASSEMBLIES)

USE TAIL ASSEMBLIES

TAIWAN

UF REPUBLIC OF CHINA
 GS NATIONS
 . **TAIWAN**
 RT ASIA
 CHINA
 CHINESE SPACE PROGRAM
 CHINESE SPACECRAFT
 HONG KONG

TAJIKISTAN

GS NATIONS
 . **TAJIKISTAN**
 RT ASIA

TAKEOFF

GS **TAKEOFF**
 . VERTICAL TAKEOFF
 RT AIR TRAFFIC CONTROL
 AIRCRAFT LANDING
 ASCENT
 CLIMBING FLIGHT
 JATO ENGINES
 LANDING
 MANEUVERS
 RUNWAYS

TAKEOFF RUNS

RT AIRCRAFT PERFORMANCE
 DISTANCE
 RUNWAY ALIGNMENT
 SHORT TAKEOFF AIRCRAFT

TAKEOFF SYSTEMS

USE AIRCRAFT LAUNCHING DEVICES

TALC

UF STEATITE
 GS MAGNESIUM COMPOUNDS
 . **TALC**
 MINERALS
 . **TALC**
 SILICON COMPOUNDS
 . SILICATES
 . . SODIUM SILICATES
 . . . **TALC**
 SODIUM COMPOUNDS
 . SODIUM SILICATES
 . . **TALC**

TALKING

GS SPEECH
 . **TALKING**

TALKING--(cont.)

. . WORDS (LANGUAGE)
 . . . SYLLABLES
 RT SENTENCES
 SIGNAL TRANSMISSION

TALON AIRCRAFT

USE T-38 AIRCRAFT

TALOS MISSILE

GS MISSILES
 . SURFACE TO AIR MISSILES
 . . **TALOS MISSILE**
 RT BUMBLEBEE PROJECT
 LIQUID PROPELLANT ROCKET ENGINES
 MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

TANDEM MIRRORS

GS MIRRORS
 . MAGNETIC MIRRORS
 . . **TANDEM MIRRORS**
 RT FUSION REACTORS
 MIRROR FUSION
 PLASMA CONTROL
 THERMAL BARRIERS (PLASMA CONTROL)

TANDEM ROTOR HELICOPTERS

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . **TANDEM ROTOR HELICOPTERS**
 CH-46 HELICOPTER
 CH-47 HELICOPTER
 H-25 HELICOPTER
 RT ∞ AIRCRAFT

TANDEM WING AIRCRAFT

GS **TANDEM WING AIRCRAFT**
 . X-19 AIRCRAFT
 . X-22A AIRCRAFT
 RT ∞ AIRCRAFT
 BIPLANES
 CANARD CONFIGURATIONS
 DUAL WING CONFIGURATIONS
 JET AIRCRAFT
 JOINED WINGS
 RESEARCH AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 X-22 AIRCRAFT

TANGENTS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 **TANGENTS**
 FUNCTIONS (MATHEMATICS)
 . TRANSCENDENTAL FUNCTIONS
 . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 **TANGENTS**
 GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANALYTIC GEOMETRY
 . . . **TANGENTS**
 RT CHORDS (GEOMETRY)

TANGLING

RT CONFUSION
 ENTRAPMENT
 MIXING

TANK GEOMETRY

GS GEOMETRY
 . **TANK GEOMETRY**
 RT LIQUID SLOSHING
 PROPELLANT TANKS
 STORAGE TANKS
 TANKS (CONTAINERS)
 ULLAGE

TANK TRUCKS

GS SURFACE VEHICLES
 . MOTOR VEHICLES
 . . TRUCKS
 . . . **TANK TRUCKS**
 RT ∞ TANKERS
 TRAILERS

TANKER AIRCRAFT

GS TRANSPORT AIRCRAFT
 . **TANKER AIRCRAFT**

TANKER AIRCRAFT--(cont.)

RT AIR TO AIR REFUELING
 ∞ AIRCRAFT
 AIRCRAFT FUELS
 BOMBER AIRCRAFT
 FUEL TANKS
 ∞ MILITARY AIRCRAFT
 ∞ TANKERS
 VALIANT AIRCRAFT

TANKER SHIPS

GS SURFACE VEHICLES
 . CARGO SHIPS
 . . **TANKER SHIPS**
 WATER VEHICLES
 . SHIPS
 . . CARGO SHIPS
 . . . **TANKER SHIPS**
 RT ARTIFICIAL HARBORS
 DEEPWATER TERMINALS
 HARBORS
 MARINE TRANSPORTATION
 OFFSHORE DOCKING
 OFFSHORE PLATFORMS
 SHIPYARDS
 ∞ TANKERS
 WHARVES

TANKER TERMINALS

RT ARTIFICIAL HARBORS
 CARGO SHIPS
 DEEPWATER TERMINALS
 MARINE TECHNOLOGY
 OCEANOGRAPHY
 OFFSHORE DOCKING
 OFFSHORE PLATFORMS
 SHIP TERMINALS
 ∞ TANKERS
 TERMINAL FACILITIES
 TRANSPORTATION

∞ TANKERS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ARTIFICIAL HARBORS
 DEEPWATER TERMINALS
 OFFSHORE DOCKING
 OFFSHORE PLATFORMS
 TANK TRUCKS
 TANKER AIRCRAFT
 TANKER SHIPS
 TANKER TERMINALS
 TRANSPORTATION ENERGY

TANKS (COMBAT VEHICLES)

GS SURFACE VEHICLES
 . **TANKS (COMBAT VEHICLES)**
 RT ARMED FORCES
 MILITARY OPERATIONS
 ∞ MILITARY VEHICLES
 ORDNANCE
 ∞ VEHICLES
 WEAPONS

TANKS (CONTAINERS)

GS **TANKS (CONTAINERS)**
 . BUNKERS (FUEL)
 . CYLINDRICAL TANKS
 . EXTERNAL TANKS
 . FUEL TANKS
 . . WING TANKS
 . PROPELLANT TANKS
 . SPHERICAL TANKS
 . STORAGE TANKS
 RT BASINS (CONTAINERS)
 BOTTLES
 CHEMICAL REACTORS
 ∞ CONTAINERS
 DRUMS (CONTAINERS)
 FLUID FILLED SHELLS
 LIQUID FILLED SHELLS
 MATERIALS HANDLING
 PIPE NOZZLES
 PRESSURE VESSELS
 RECEIVERS
 ∞ STRUCTURES
 TANK GEOMETRY
 TOWERS
 WING-FUSELAGE STORES

TANTALUM

GS CHEMICAL ELEMENTS
 . **TANTALUM**
 . . TANTALUM ISOTOPES

TANTALUM--(cont.)

METALS
 . REFRACTORY METALS
 . . **TANTALUM**
 . . . TANTALUM ISOTOPES
 . TRANSITION METALS
 . **TANTALUM**
 . . . TANTALUM ISOTOPES
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . . **TANTALUM**
 . . . TANTALUM ISOTOPES

TANTALUM ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . REFRACTORY METAL ALLOYS
 . . . **TANTALUM ALLOYS**
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . . **TANTALUM ALLOYS**
 RT HAFNIUM ALLOYS

TANTALUM CARBIDES

GS CARBON COMPOUNDS
 . CARBIDES
 . . **TANTALUM CARBIDES**
 TANTALUM COMPOUNDS
 . **TANTALUM CARBIDES**

TANTALUM COMPOUNDS

GS **TANTALUM COMPOUNDS**
 . TANTALUM CARBIDES
 . TANTALUM NITRIDES
 . TANTALUM OXIDES
 RT ∞CHEMICAL COMPOUNDS
 ∞GROUP 5B COMPOUNDS
 ∞METAL COMPOUNDS

TANTALUM ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **TANTALUM ISOTOPES**
 . TANTALUM
 . . **TANTALUM ISOTOPES**
 METALS
 . REFRACTORY METALS
 . . TANTALUM
 . . . **TANTALUM ISOTOPES**
 . TRANSITION METALS
 . . TANTALUM
 . . . **TANTALUM ISOTOPES**
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . . TANTALUM
 . . . **TANTALUM ISOTOPES**

TANTALUM NITRIDES

GS NITROGEN COMPOUNDS
 . NITRIDES
 . . METAL NITRIDES
 . . . **TANTALUM NITRIDES**
 TANTALUM COMPOUNDS
 . **TANTALUM NITRIDES**

TANTALUM OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **TANTALUM OXIDES**
 TANTALUM COMPOUNDS
 . **TANTALUM OXIDES**

TANZANIA

GS NATIONS
 . **TANZANIA**
 RT AFRICA

TAPE RECORDERS

UF MAGNETIC TAPE RECORDERS
 GS RECORDING INSTRUMENTS
 . **TAPE RECORDERS**
 . . VIDEO TAPE RECORDERS
 RT DATA RECORDERS
 ELECTRONIC RECORDING SYSTEMS
 MAGNETIC TAPE TRANSPORTS
 MAGNETIC TAPES
 ∞RECORDERS
 RECORDING HEADS
 RECORDING INSTRUMENTS

TAPER

USE TAPERING

TAPERED COLUMNS

GS STRUCTURAL MEMBERS
 . COLUMNS (SUPPORTS)
 . . **TAPERED COLUMNS**

TAPERED WINGS

USE SWEEP WINGS

TAPERING

UF TAPER
 RT CONVERGENCE
 DECELERATION
 ∞REDUCTION

∞ TAPES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ADHESIVES
 AUDIO TAPES
 COMPUTER COMPATIBLE TAPES
 FASTENERS
 HEAT TAPES
 MAGNETIC TAPES
 PLASTIC TAPES
 PLAYBACKS
 PUNCHED TAPES
 RIBBONS
 SEALS (STOPPERS)
 SPLICING
 VIDEO TAPES

TAPS

RT CUTTERS
 DRILLS
 MACHINE TOOLS
 TOOLS

TAR SANDS

GS RESOURCES
 . EARTH RESOURCES
 . . **TAR SANDS**
 SEDIMENTS
 . SANDS
 . . **TAR SANDS**
 SOILS
 . SANDS
 . . **TAR SANDS**
 RT DISTILLATION
 OIL EXPLORATION
 OIL FIELDS
 OILS
 TARS

TARE (DATA REDUCTION)

USE DATA REDUCTION

TARGET ACQUISITION

GS ACQUISITION
 . **TARGET ACQUISITION**
 RT DETECTION
 HIGH ALT TARGET AND BACKGROUND
 MEASUREMENT
 MATTS (SYSTEMS)
 MISSILE DETECTION
 MOVING TARGET INDICATORS
 MULTIPLE TARGET TRACKING
 SOUND RANGING
 SURVEILLANCE
 TARGETS

TARGET DRONE AIRCRAFT

GS DRONE VEHICLES
 . DRONE AIRCRAFT
 . . **TARGET DRONE AIRCRAFT**
 . . . FIREBEE 2 TARGET DRONE
 AIRCRAFT
 . . . JINDIVIK TARGET AIRCRAFT
 PILOTLESS AIRCRAFT
 . DRONE AIRCRAFT
 . . **TARGET DRONE AIRCRAFT**
 . . . FIREBEE 2 TARGET DRONE
 AIRCRAFT
 . . . JINDIVIK TARGET AIRCRAFT
 RT ∞AIRCRAFT
 ∞MILITARY AIRCRAFT
 REMOTELY PILOTED VEHICLES
 TARGETS

TARGET MASKING

GS MASKING
 . **TARGET MASKING**
 RT COUNTERMEASURES
 TARGETS

TARGET PENETRATION

USE TERMINAL BALLISTICS

TARGET RECOGNITION

GS DETECTION
 . **TARGET RECOGNITION**
 RECOGNITION
 . **TARGET RECOGNITION**
 RT DISCRIMINATION
 LASER TARGET DESIGNATORS
 MISSILE DETECTION
 MISSILE SIGNATURES
 MULTIPLE TARGET TRACKING
 MULTISTATIC RADAR
 NAP-OF-THE-EARTH NAVIGATION
 RADAR HOMING MISSILES
 RADAR SIGNATURES
 SIGNATURE ANALYSIS
 SIGNATURES
 SURVEILLANCE
 TARGETS
 TRADEX RADAR SYSTEM

TARGET SIMULATORS

GS SIMULATORS
 . **TARGET SIMULATORS**
 RT COMPUTERIZED SIMULATION
 DISPLAY DEVICES

TARGET THICKNESS

GS DIMENSIONS
 . **TARGET THICKNESS**
 RT PARTICLE ACCELERATOR TARGETS
 TARGETS
 THICKNESS

TARGET TRACKING

USE TRACKING (POSITION)

TARGETS

UF TOWED TARGETS
 GS **TARGETS**
 . JINDIVIK TARGET AIRCRAFT
 . LASER TARGETS
 . PARTICLE ACCELERATOR TARGETS
 . RADAR TARGETS
 . . RADAR TARGET SCATTER SITE
 PROGRAM
 RT AIRBORNE INTEGRATED
 RECONNAISSANCE SYSTEM
 COMMAND AND CONTROL
 DETECTION
 FIREBEE 2 TARGET DRONE AIRCRAFT
 IRRADIATION
 LASER TARGET DESIGNATORS
 LASER TARGET INTERACTIONS
 LINE OF SIGHT
 MICROBALLOONS
 ∞MISSIONS
 MULTIPLE TARGET TRACKING
 RADAR ECHOES
 SANDPIPER TARGET MISSILE
 SURVEILLANCE
 TARGET ACQUISITION
 TARGET DRONE AIRCRAFT
 TARGET MASKING
 TARGET RECOGNITION
 TARGET THICKNESS

TARS

GS PRODUCTS
 . PETROLEUM PRODUCTS
 . . **TARS**
 RT ASPHALT
 GUMS (SUBSTANCES)
 PITCH (MATERIAL)
 TAR SANDS

TARTAR MISSILE

GS MISSILES
 . ANTI-AIRCRAFT MISSILES
 . . **TARTAR MISSILE**
 . SURFACE TO AIR MISSILES
 . . **TARTAR MISSILE**
 RT AJ-10 ENGINE
 BUMBLEBEE PROJECT
 SOLID PROPELLANT ROCKET ENGINES

TASK COMPLEXITY

GS COMPLEXITY
 . **TASK COMPLEXITY**
 RT COSTS
 ∞PERFORMANCE
 QUALITY CONTROL
 SCHEDULING

TASK PLANNING (ROBOTICS)

GS PLANNING
 . **TASK PLANNING (ROBOTICS)**
 RT ROBOTICS
 ROBOTS
 SCHEDULING
 TASKS
 TELEOPERATORS
 TELEROBOTICS

TASKS

UF JOBS
 GS **TASKS**
 . AUDITORY TASKS
 . VISUAL TASKS
 RT COSTS
 CREW PROCEDURES (INFLIGHT)
 CREW PROCEDURES (PREFLIGHT)
 ∞ ELEMENTS
 MATR'X MANAGEMENT
 PHYSICAL WORK
 PROJECTS
 QUALITY CONTROL
 RETRAINING
 SCHEDULING
 TASK PLANNING (ROBOTICS)
 ∞ TESTS

TASMANIA

GS LANDFORMS
 . ISLANDS
 . **TASMANIA**
 RT AUSTRALIA

TASTE

UF GUSTATORY PERCEPTION
 GS PERCEPTION
 . SENSORY PERCEPTION
 . **TASTE**
 RT CHEMORECEPTORS
 SYNTHETIC FOOD

TATB

UF TRIAMINOTRINITROBENZENE
 GS EXPLOSIVES
 . **TATB**
 PROPELLANTS
 ROCKET PROPELLANTS
 . **TATB**
 RT ROCKET OXIDIZERS

TAURID METEORIODS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . **TAURID METEORIODS**
 . METEORIODS
 . **TAURID METEORIODS**

TAURUS CONSTELLATION

GS CONSTELLATIONS
 . **TAURUS CONSTELLATION**
 RT CRAB NEBULA
 PLEIADES CLUSTER
 T TAURI STARS

TAUTOMERS

RT CONGENERS
 ISOMERS

TAXIING

RT AIR TRAFFIC CONTROL
 AIRFIELD SURFACE MOVEMENTS
 RUNWAYS

TAXONOMY

RT CLASSIFICATIONS
 ∞ CLASSIFYING
 ∞ SCIENCE
 ∞ ZOOLOGY

TAYLOR INSTABILITY

RT DENSITY DISTRIBUTION
 GOERTLER INSTABILITY
 INTERFACE STABILITY
 PERTURBATION THEORY
 ROTATING FLUIDS
 TWO DIMENSIONAL FLOW

TAYLOR MANIFEST ANXIETY SCALE

RT ANXIETY
 PHYSIOLOGICAL TESTS
 PSYCHOLOGICAL EFFECTS
 PSYCHOLOGICAL TESTS

TAYLOR SERIES

UF TAYLOR THEOREM
 GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . SERIES (MATHEMATICS)
 . . . POWER SERIES
 . . . **TAYLOR SERIES**
 MACLAURIN SERIES
 . REAL VARIABLES
 . SERIES (MATHEMATICS)
 . . . POWER SERIES
 . . . **TAYLOR SERIES**
 MACLAURIN SERIES
 RT THEOREMS

TAYLOR THEOREM

USE TAYLOR SERIES

TAYLOR-GOERTLER INSTABILITY

USE GOERTLER INSTABILITY

TCG (TRACKING)

USE TRANSPONDER CONTROL GROUP

TCV PROGRAM

USE TERMINAL CONFIGURED VEHICLE PROGRAM

TD SATELLITES

GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . **TD SATELLITES**
 . . . TD-1 SATELLITE
 . SYNCHRONOUS SATELLITES
 . **TD SATELLITES**
 . . . TD-1 SATELLITE
 ESA SPACECRAFT
 . ESA SATELLITES
 . **TD SATELLITES**
 . . . TD-1 SATELLITE

TD-1 SATELLITE

GS ARTIFICIAL SATELLITES
 . ESA SATELLITES
 . . TD SATELLITES
 . . . **TD-1 SATELLITE**
 . SYNCHRONOUS SATELLITES
 . . TD SATELLITES
 . . . **TD-1 SATELLITE**
 ESA SPACECRAFT
 . ESA SATELLITES
 . . TD SATELLITES
 . . . **TD-1 SATELLITE**

TDMA

USE TIME DIVISION MULTIPLE ACCESS

TDR SATELLITES

UF TRACKING AND DATA RELAY SATELLITES
 RT AUTONOMOUS SPACECRAFT CLOCKS
 COMMUNICATING
 DATA TRANSMISSION
 RADIO RELAY SYSTEMS
 SATELLITE NETWORKS
 SATELLITE TRANSMISSION
 TELECOMMUNICATION
 TELEMETRY

TEA LASERS

UF TRANSVERSELY EXCITED ATMOSPHERIC LASERS
 GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **TEA LASERS**
 RT ATMOSPHERIC LASERS
 CARBON DIOXIDE LASERS
 CARBON MONOXIDE LASERS
 CHEMICAL LASERS
 GAS MASERS
 HF LASERS
 LASER MODES
 PULSED LASERS
 STIMULATED EMISSION

TEACHERS

USE INSTRUCTORS

TEACHING

USE EDUCATION

TEACHING MACHINES

GS TRAINING DEVICES

TEACHING MACHINES--(cont.)

RT **TEACHING MACHINES**
 LEARNING
 MACHINE LEARNING
 ∞ MACHINERY

TEAMS

RT BUREAUS (ORGANIZATIONS)
 FEDERATIONS
 INSTITUTIONS
 ORGANIZATIONS
 PROJECTS
 UNIVERSITY PROGRAM

TEARING

RT MECHANICAL PROPERTIES
 RUPTURING
 SHREDDING

TEARING MODES (PLASMAS)

RT BALLOONING MODES
 MODES
 PLASMAS (PHYSICS)

TECHNETIUM

GS CHEMICAL ELEMENTS
 . **TECHNETIUM**
 METALS
 . TRANSITION METALS
 . **TECHNETIUM**

TECHNETIUM COMPOUNDS

GS **TECHNETIUM COMPOUNDS**
 . TECHNETIUM FLUORIDES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 7B COMPOUNDS
 ∞ METAL COMPOUNDS

TECHNETIUM FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . **TECHNETIUM FLUORIDES**
 . HALIDES
 . . FLUORIDES
 . . . **TECHNETIUM FLUORIDES**
 . METAL HALIDES
 . . **TECHNETIUM FLUORIDES**
 TECHNETIUM COMPOUNDS
 . **TECHNETIUM FLUORIDES**

TECHNETIUM ISOTOPES

GS METALS
 . TRANSITION METALS
 . . **TECHNETIUM ISOTOPES**

TECHNICAL WRITING

RT ABSTRACTS
 DOCUMENTATION
 EDITING
 RECORDS
 SPECIFICATIONS
 TRANSLATING

TECHNIQUES

USE METHODOLOGY

TECHNOLOGICAL FORECASTING

GS FORECASTING
 . **TECHNOLOGICAL FORECASTING**
 . . DELPHI METHOD (FORECASTING)
 . . PATTERN METHOD (FORECASTING)
 . . PROBE METHOD (FORECASTING)
 . . PROFILE METHOD (FORECASTING)
 RT AEROSPACE TECHNOLOGY TRANSFER
 ESTIMATING
 PREDICTIONS
 TECHNOLOGY TRANSFER

TECHNOLOGIES

GS **TECHNOLOGIES**
 . BIOTECHNOLOGY
 . BUBBLE TECHNIQUE
 . ENERGY TECHNOLOGY
 . GEOTHERMAL TECHNOLOGY
 . MARINE TECHNOLOGY
 . MILITARY TECHNOLOGY
 . REACTOR TECHNOLOGY
 RT INDUSTRIES
 LOW GRAVITY MANUFACTURING
 MANUFACTURING
 NUCLEONICS
 SPACE MANUFACTURING
 TECHNOLOGY ASSESSMENT

TECHNOLOGIES--(cont.)

TECHNOLOGY UTILIZATION
URBAN DEVELOPMENT

TECHNOLOGY ASSESSMENT

GS ASSESSMENTS
 . **TECHNOLOGY ASSESSMENT**
RT CANADIAN SPACE PROGRAM
COMMUNICATIONS TECHNOLOGY
SATELLITE
DELPHI METHOD (FORECASTING)
EVALUATION
FEASIBILITY ANALYSIS
INDUSTRIES
MANUFACTURING
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
STRATEGIC MATERIALS
TECHNOLOGIES
VALUE

TECHNOLOGY FEASIBILITY SPACECRAFT

GS UNMANNED SPACECRAFT
 . **TECHNOLOGY FEASIBILITY SPACECRAFT**
RT SCIENTIFIC SATELLITES
 ∞ SPACECRAFT

TECHNOLOGY TRANSFER

GS **TECHNOLOGY TRANSFER**
 . AEROSPACE TECHNOLOGY TRANSFER
RT COMMUNICATING
COMMUNICATION
DOCUMENTATION
DOCUMENTS
INFORMATION FLOW
INFORMATION MANAGEMENT
INFORMATION TRANSFER
REPORTS
SELECTIVE DISSEMINATION OF
INFORMATION
SPACE COMMERCIALIZATION
STARSITE PROGRAM
TECHNOLOGICAL FORECASTING
TECHNOLOGY UTILIZATION
TRANSFERRING

TECHNOLOGY UTILIZATION

RT AEROSPACE TECHNOLOGY TRANSFER
CANADIAN SPACE PROGRAM
COMMUNICATIONS TECHNOLOGY
SATELLITE
CONTROL CONFIGURED VEHICLES
GENERAL OVERVIEWS
INDIAN SPACE PROGRAM
INDUSTRIES
INFORMATION TRANSFER
LASER APPLICATIONS
MANUFACTURING
NASA PROGRAMS
PATENT APPLICATIONS
RESEARCH AND DEVELOPMENT
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
TECHNOLOGIES
TECHNOLOGY TRANSFER
UTILIZATION

TECTONIC MOVEMENT

USE TECTONICS

TECTONICS

UF TECTONIC MOVEMENT
GS GEOLOGY
 . **TECTONICS**
RT ∞ DEPRESSION
EARTH MOVEMENTS
EARTH PLANETARY STRUCTURE
FISSURES (GEOLOGY)
GEOPHYSICS
PLATES (TECTONICS)
SEA FLOOR SPREADING
SUBDUCTION (GEOLOGY)

TED

USE TRANSFERRED ELECTRON DEVICES

TEDLAR (TRADEMARK)

USE POLYVINYL FLUORIDE

TEE

USE T SHAPE

TEETERING

RT ∞ MOTION

TEETH

SN (EXCLUDES GEAR TEETH AND OTHER
MECHANICAL DEVICES)
GS ANATOMY
DIGESTIVE SYSTEM
 . **TEETH**
RT DENTAL CALCULI
DENTISTRY
MASTICATION
MOUTH
ORAL HYGIENE
TOOTH DISEASES

TEFLON (TRADEMARK)

GS HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
 . FLUORO COMPOUNDS
 . DIFLUORO COMPOUNDS
 . POLYTETRAFLUOROETHYLENE
 . **TEFLON (TRADEMARK)**
PLASTICS
POLYTETRAFLUOROETHYLENE
 . **TEFLON (TRADEMARK)**
RT ∞ POLYMERS
RESINS
SYNTHETIC RESINS

TEKTITE PROJECT

GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
 . **TEKTITE PROJECT**
SPACE PROGRAMS
NASA SPACE PROGRAMS
 . **TEKTITE PROJECT**

TEKTITES

GS CELESTIAL BODIES
METEORITES
 . STONY METEORITES
 . **TEKTITES**
 . AUSTRALITES
 . BEDIASITES
RT CHONDRITES
COESITE
CYRILLID METEORITIDS
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
MICROMETEORITES
NATURAL SATELLITES

TELECHIRICS

USE REMOTE HANDLING

TELECOMMUNICATION

UF COMMUNICATION SYSTEMS
GS **TELECOMMUNICATION**
AIRCRAFT COMMUNICATION
BROADCASTING
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATION
FACSIMILE COMMUNICATION
LINE OF SIGHT COMMUNICATION
OPTICAL COMMUNICATION
SHIP TO SHORE COMMUNICATION
UNDERWATER COMMUNICATION
DATA LINKS
DEFENSE COMMUNICATIONS
SATELLITE SYSTEM
FLEET SATELLITE COMMUNICATION
SYSTEM
DEFENSE COMMUNICATIONS SYSTEM
(DCS)
EDUCATIONAL TELEVISION
ELECTRONIC MAIL
GROUND-AIR-GROUND
COMMUNICATION
HET EXPERIMENT
MULTICHANNEL COMMUNICATION
MULTIPLE ACCESS
ALOHA SYSTEM
CODE DIVISION MULTIPLE ACCESS
DEMAND ASSIGNMENT MULTIPLE
ACCESS
FREQUENCY DIVISION MULTIPLE
ACCESS
TIME DIVISION MULTIPLE ACCESS
PACKET TRANSMISSION
ALOHA SYSTEM
PLAT SYSTEM
PULSE COMMUNICATION

TELECOMMUNICATION--(cont.)

DIGITAL SPACECRAFT TELEVISION
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
CODE DIVISION MULTIPLE ACCESS
TIME DIVISION MULTIPLE ACCESS
RADIO TELEGRAPHY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TELEPHONY
RADIOTELEPHONES
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPACE COMMUNICATION
EXTRATERRESTRIAL
COMMUNICATION
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
CIRCUMLUNAR COMMUNICATION
SPACECRAFT COMMUNICATION
REENTRY COMMUNICATION
SATELLITE COMMUNICATION
SPACECRAFT ANTENNAS
SPACECRAFT TELEVISION
DIGITAL SPACECRAFT TELEVISION
RANGER BLOCK 3 TELEVISION
SYSTEM
SATELLITE TELEVISION
STEREOTELEVISION
TELEMETRY
BIOTELEMETRY
P.A.C.M. TELEMETRY
PCM TELEMETRY
RADIO TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
TRANSOCEANIC COMMUNICATION
VIDEO COMMUNICATION
VOICE COMMUNICATION
TELEPHONY
WIDEBAND COMMUNICATION
WIRELESS COMMUNICATION
ACCESS CONTROL
ANTENNAS
ARPA COMPUTER NETWORK
AUTOMATIC REPEAT REQUEST
∞ CHANNELS
CODE DIVISION MULTIPLEXING
COMMUNICATING
COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMPUTERS
DATA COMPRESSION
DATA PROCESSING
DATA SAMPLING
DATA TRANSMISSION
DEMULATION
∞ DETECTORS
DIGITAL SYSTEMS
DIRECT BROADCAST SATELLITES
ELECTROMAGNETIC RADIATION
FREQUENCY DIVISION MULTIPLEXING
INFORMATION THEORY
INTERFACES
INTERPHONES
MODULATION
MOLNIYA SATELLITES
MORSE CODE
NASCOM NETWORK
ONBOARD EQUIPMENT
PACKET SWITCHING
POINT TO POINT COMMUNICATION
SATELLITE ANTENNAS
SEAFARER PROJECT
SIGNAL DETECTION
SIGNAL DETECTORS
SIGNAL ENCODING
SIGNAL TRANSMISSION
∞ SIGNALS
∞ SYSTEMS
TDR SATELLITES
TELECONFERENCING
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS
TELEVISION SYSTEMS
TRANSCONTINENTAL SYSTEMS
TRANSMISSION
TRANSMISSION CIRCUITS
TRANSMISSION LINES
TRANSMISSION RATE
(COMMUNICATIONS)
TRANSMITTERS
TRANSOCEANIC SYSTEMS
VIDEO DATA
VSAT (NETWORK)

TELECOMMUNICATION--(cont.)
WESTAR SATELLITES**TELECONFERENCING**

GS **TELECONFERENCING**
 . HET EXPERIMENT
 RT COMMUNICATION SATELLITES
 COMPUTER CONFERENCING
 CONFERENCES
 MULTICHANNEL COMMUNICATION
 MULTIMEDIA
 SATELLITE NETWORKS
 TELECOMMUNICATION

TELECONNECTIONS (METEOROLOGY)

RT CLIMATOLOGY
 CORRELATION
 DATA CORRELATION
 EARTH ATMOSPHERE
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 SECULAR VARIATIONS
 SIGNIFICANCE
 SPATIAL DISTRIBUTION
 STATISTICAL ANALYSIS
 STATISTICAL CORRELATION
 SYNOPTIC METEOROLOGY
 TEMPORAL DISTRIBUTION

TELEGRAPH SYSTEMS

UF TELEGRAPHY
 RT PULSE COMMUNICATION
 RADIO COMMUNICATION
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 ∞SYSTEMS
 TELECOMMUNICATION
 TELEPRINTERS
 TELETYPENWRITERS
 WESTAR SATELLITES

TELEGRAPHY

USE TELEGRAPH SYSTEMS

TELEMETERS

USE TELEMETRY

TELEMETRY

UF TELEMETERS
 GS TELECOMMUNICATION
 . **TELEMETRY**
 . . BIOTELEMETRY
 . . P.A.C.M. TELEMETRY
 . . PCM TELEMETRY
 . . RADIO TELEMETRY
 . . . PULSE FREQUENCY MODULATION
 TELEMETRY
 TRANSMISSION
 . SIGNAL TRANSMISSION
 . . **TELEMETRY**
 . . . BIOTELEMETRY
 . . . P.A.C.M. TELEMETRY
 . . . PCM TELEMETRY
 . . . RADIO TELEMETRY
 PULSE FREQUENCY MODULATION
 TELEMETRY
 RT ADVANCED RANGE INSTRUMENTATION
 AIRCRAFT
 COMMUNICATION EQUIPMENT
 DATA COMPRESSION
 DATA LINKS
 DATA RETRIEVAL
 DATA TRANSMISSION
 DECOMMUTATORS
 DIFFERENTIAL PULSE CODE
 MODULATION
 IN-FLIGHT MONITORING
 MEASURING INSTRUMENTS
 PULSE COMMUNICATION
 RADIO COMMUNICATION
 SHIP TO SHORE COMMUNICATION
 SIGNAL PROCESSING
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 SPIRAL ANTENNAS
 TDR SATELLITES
 TIME DIVISION MULTIPLEXING
 TRAJECTORY MEASUREMENT
 TRANSPONDER CONTROL GROUP
 WEATHER DATA RECORDERS
 WIRELESS COMMUNICATION

TELEOPERATOR MANEUVERING SYSTEM

USE TELEOPERATORS

TELEOPERATORS

UF TELEOPERATOR MANEUVERING SYSTEM
 GS CONTROL EQUIPMENT
 . **TELEOPERATORS**
 RT HUMAN FACTORS ENGINEERING
 MAN MACHINE SYSTEMS
 MANIPULATORS
 REMOTE CONTROL
 REMOTE HANDLING
 ROBOTICS
 TACTILE SENSORS (ROBOTICS)
 TASK PLANNING (ROBOTICS)
 TELEROBOTICS
 TORQUE SENSORS (ROBOTICS)

TELEPHONES

GS **TELEPHONES**
 . RADIOTELEPHONES
 RT EARPHONES
 TELEPHONY
 UTILITIES

TELEPHONY

GS TELECOMMUNICATION
 . RADIO COMMUNICATION
 . . **TELEPHONY**
 . . VOICE COMMUNICATION
 . . . **TELEPHONY**
 TRANSMISSION
 . **TELEPHONY**
 RT COMMUNICATION EQUIPMENT
 CROSSTALK
 ECHO SUPPRESSORS
 RADIOTELEPHONES
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 SOUND TRANSMISSION
 SYMPHONIE SATELLITES
 TELEPHONES
 VERBAL COMMUNICATION

TELEPHOTOMETERS

USE TELEPHOTOMETRY

TELEPHOTOMETRY

UF TELEPHOTOMETERS
 GS OPTICAL MEASUREMENT
 . PHOTOMETRY
 . . **TELEPHOTOMETRY**
 RT ASTRONOMICAL PHOTOMETRY
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETERS
 TRANSMISSOMETERS

TELEPRINTERS

GS PRINTERS
 . **TELEPRINTERS**
 TYPEWRITERS
 . TELETYPENWRITERS
 . . **TELEPRINTERS**
 RT KEYING
 PRINTERS (DATA PROCESSING)
 RECEIVERS
 TELEGRAPH SYSTEMS

TELEROBOTICS

GS ROBOTICS
 . **TELEROBOTICS**
 RT MANIPULATORS
 ORBITAL SERVICING
 REMOTE CONTROL
 ROBOT DYNAMICS
 ROBOTS
 SPACE TOOLS
 TASK PLANNING (ROBOTICS)
 TELEOPERATORS

TELESAT CANADA A

USE ANIK 1

TELESAT CANADA B

USE ANIK 2

TELESAT CANADA C

USE ANIK 3

TELESAT CANADA 3

USE ANIK 3

TELESCOPES

UF ASTRONOMICAL TELESCOPES
 GS **TELESCOPES**
 . CELESCOPES
 . CIRCUMSOLAR TELESCOPES

TELESCOPES--(cont.)

. GAMMA RAY TELESCOPES
 . GRAZING INCIDENCE TELESCOPES
 . . GRIST (TELESCOPE)
 . HELIOMETERS
 . . PYROHELIOMETERS
 . INFRARED TELESCOPES
 . . LARGE DEPLOYABLE REFLECTOR
 . . SPACE INFRARED TELESCOPE
 FACILITY
 . MANNED ORBITAL TELESCOPES
 . . APOLLO TELESCOPE MOUNT
 . PARTICLE TELESCOPES
 . RADIO TELESCOPES
 . . KILOMETER WAVE ORBITING
 TELESCOPE
 . . VERY LARGE ARRAY (VLA)
 . . VERY LONG BASELINE ARRAY (VLBA)
 . REFLECTING TELESCOPES
 . . LARGE DEPLOYABLE REFLECTOR
 . . STARSAT TELESCOPE
 . REFRACTING TELESCOPES
 . SCHMIDT TELESCOPES
 . SPACEBORNE TELESCOPES
 . . GERMAN INFRARED LABORATORY
 . . HUBBLE SPACE TELESCOPE
 . . INFRARED SPACE OBSERVATORY
 (ISO)
 . . LARGE DEPLOYABLE REFLECTOR
 . . LIRTS (TELESCOPE)
 . . SOLAR OPTICAL TELESCOPE
 . . SPACE INFRARED TELESCOPE
 FACILITY
 . . STARLAB
 . . STARSAT TELESCOPE
 . . X RAY ASTROPHYSICS FACILITY
 . . SPECTROSCOPIC TELESCOPES
 . . MULTISPECTRAL TRACKING
 TELESCOPES
 . . STRATOSCOPE TELESCOPES
 . . ULTRAVIOLET TELESCOPES
 . . STARLAB
 . . X RAY TELESCOPES
 . . X RAY ASTROPHYSICS FACILITY
 RT ANTENNAS
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMY
 BALLOON-BORNE INSTRUMENTS
 BINOCULARS
 CASSEGRAIN OPTICS
 CORONAGRAPHS
 ETALONS
 EYEPIECES
 LENSES
 MIRRORS
 MULTI-ANODE MICROCHANNEL ARRAYS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 OPTICAL TRANSFER FUNCTION
 PERISCOPES
 REFLECTORS
 SCHMIDT CAMERAS
 SEEING (ASTRONOMY)
 SOLAR INSTRUMENTS
 SPACEBORNE ASTRONOMY
 ULTRAVIOLET ASTRONOMY

TELESCOPING STRUCTURES

USE FOLDING STRUCTURES

TELETYPENWRITER SYSTEMS

RT FACSIMILE COMMUNICATION
 MICROWAVE TRANSMISSION
 ∞SYSTEMS
 TELECOMMUNICATION
 TELETYPENWRITERS

TELETYPENWRITERS

GS TYPEWRITERS
 . **TELETYPENWRITERS**
 . . TELEPRINTERS
 RT KEYING
 RECEIVERS
 TELEGRAPH SYSTEMS
 TELETYPENWRITER SYSTEMS

TELEVISION CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . **TELEVISION CAMERAS**
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . **TELEVISION CAMERAS**
 TELEVISION EQUIPMENT
 . **TELEVISION CAMERAS**

TELEVISION CAMERAS--(cont.)

RT CAMERA TUBES
CLOSED CIRCUIT TELEVISION
LALLEMAND CAMERAS
OPTICAL SCANNERS
ORTHICONS
RASTER SCANNING
RETURN BEAM VIDICONS
SATELLITE TELEVISION

TELEVISION EQUIPMENT

GS **TELEVISION EQUIPMENT**
. IMAGE DISSECTOR TUBES
. MONOSCOPES
. TELEVISION CAMERAS
. TELEVISION RECEIVERS
RT CATHODE RAY TUBES
DIPLEXERS
∞ EQUIPMENT
FLYING SPOT SCANNERS
ORTHICONS
PICTURE TUBES
VIDEO EQUIPMENT

TELEVISION RECEIVERS

GS RECEIVERS
. **TELEVISION RECEIVERS**
TELEVISION EQUIPMENT
. **TELEVISION RECEIVERS**
RT CLOSED CIRCUIT TELEVISION
TUNERS

TELEVISION RECEPTION

GS SIGNAL RECEPTION
. **TELEVISION RECEPTION**
RT COLOR TELEVISION
RADIO RECEIVERS
RADIO RECEPTION
∞ RECEIVING

TELEVISION SYSTEMS

GS **TELEVISION SYSTEMS**
. ADVANCED VIDICON CAMERA SYSTEM (AVCS)
. CABLE TELEVISION
. CLOSED CIRCUIT TELEVISION
. COLOR TELEVISION
. EDUCATIONAL TELEVISION
. HIGH DEFINITION TELEVISION
. PLAT SYSTEM
. SPACECRAFT TELEVISION
. DIGITAL SPACECRAFT TELEVISION
. RANGER BLOCK 3 TELEVISION SYSTEM
. SATELLITE TELEVISION
. STEREOTELEVISION
RT COMMUNICATION EQUIPMENT
DIGITAL TELEVISION
EARTH TERMINALS
FACSIMILE COMMUNICATION
IMAGING TECHNIQUES
ORBIT SPECTRUM UTILIZATION
RADIO COMMUNICATION
SPACE COMMUNICATION
∞ SYSTEMS
TELECOMMUNICATION
VIDEO COMMUNICATION
VIDEO DATA

TELEVISION TRANSMISSION

GS TRANSMISSION
. ELECTROMAGNETIC WAVE
TRANSMISSION
. **TELEVISION TRANSMISSION**
. SIGNAL TRANSMISSION
. **TELEVISION TRANSMISSION**
RT AUTOMATIC PICTURE TRANSMISSION
CABLE TELEVISION
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
DIGITAL TELEVISION
DIRECT BROADCAST SATELLITES
DOUBLE SIDEBAND TRANSMISSION
HIGH DEFINITION TELEVISION
LINE OF SIGHT COMMUNICATION
MOLNIYA SATELLITES
RADIO TRANSMITTERS
SATELLITE TELEVISION
SATELLITE TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SMEAR
SPACECRAFT TELEVISION
SWEEP FREQUENCY
TIME DIVISION MULTIPLEXING
TRANSMITTERS

TELEVISION TRANSMISSION--(cont.)
WAVE PROPAGATION**TELLEGEN THEORY**

USE GYRATORS
NETWORK ANALYSIS
NETWORK SYNTHESIS

TELLURIC CURRENTS

UF EARTH CURRENTS
GS ELECTRIC CURRENT
. **TELLURIC CURRENTS**
ELECTRICITY
. GEOELECTRICITY
. **TELLURIC CURRENTS**
RT ATMOSPHERIC ELECTRICITY
AURORAL ELECTROJETS
DYNAMO THEORY
FIELD ALIGNED CURRENTS
GEOMAGNETIC MICROPULSATIONS

TELLURIC LINES

GS SPECTRA
. RADIATION SPECTRA
. ABSORPTION SPECTRA
. **TELLURIC LINES**
. ELECTROMAGNETIC SPECTRA
. LINE SPECTRA
. **TELLURIC LINES**
. SPECTRAL BANDS
. ABSORPTION SPECTRA
. **TELLURIC LINES**
RT H LINES

TELLURIDES

GS CHALCOGENIDES
. **TELLURIDES**
. BISMUTH TELLURIDES
. CADMIUM TELLURIDES
. INDIUM TELLURIDES
. LANTHANUM TELLURIDES
. LEAD TELLURIDES
. MERCURY TELLURIDES
. TIN TELLURIDES
. ZINC TELLURIDES
TELLURIUM COMPOUNDS
. **TELLURIDES**
. BISMUTH TELLURIDES
. CADMIUM TELLURIDES
. INDIUM TELLURIDES
. LANTHANUM TELLURIDES
. LEAD TELLURIDES
. MERCURY TELLURIDES
. TIN TELLURIDES
. ZINC TELLURIDES
RT INTERMETALLICS

TELLURIUM

GS CHEMICAL ELEMENTS
. METALLOIDS
. **TELLURIUM**
. TELLURIUM ISOTOPES
. NUCLIDES
. ISOTOPES
. **TELLURIUM**
. TELLURIUM ISOTOPES

TELLURIUM ALLOYS

GS ALLOYS
. **TELLURIUM ALLOYS**

TELLURIUM COMPOUNDS

GS **TELLURIUM COMPOUNDS**
. TELLURIDES
. BISMUTH TELLURIDES
. CADMIUM TELLURIDES
. INDIUM TELLURIDES
. LANTHANUM TELLURIDES
. LEAD TELLURIDES
. MERCURY TELLURIDES
. TIN TELLURIDES
. ZINC TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 6A COMPOUNDS

TELLURIUM ISOTOPES

UF TELLURIUM 119
GS CHEMICAL ELEMENTS
. METALLOIDS
. TELLURIUM
. **TELLURIUM ISOTOPES**
. NUCLIDES
. ISOTOPES
. TELLURIUM
. **TELLURIUM ISOTOPES**

TELLURIUM 119

USE TELLURIUM ISOTOPES

TELLUROMETERS

GS MEASURING INSTRUMENTS
. DISTANCE MEASURING EQUIPMENT
. **TELLUROMETERS**
RT GEODIMETERS
RANGE FINDERS

TELSTAR PROJECT

GS PROGRAMS
. PROJECTS
. **TELSTAR PROJECT**
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMSAT PROGRAM

TELSTAR SATELLITES

GS ARTIFICIAL SATELLITES
. **TELSTAR SATELLITES**
. TELSTAR 1 SATELLITE
. TELSTAR 2 SATELLITE
RT COMSAT PROGRAM
THOR DELTA LAUNCH VEHICLE

TELSTAR 1 SATELLITE

GS ARTIFICIAL SATELLITES
. TELSTAR SATELLITES
. **TELSTAR 1 SATELLITE**

TELSTAR 2 SATELLITE

GS ARTIFICIAL SATELLITES
. TELSTAR SATELLITES
. **TELSTAR 2 SATELLITE**

TEM (MICROSCOPY)

USE TRANSMISSION ELECTRON MICROSCOPY

TEMPEL 2 COMET

GS CELESTIAL BODIES
. COMETS
. **TEMPEL 2 COMET**
RT ∞ COMA
METEORIODS
SOLAR SYSTEM

TEMPER (METALLURGY)

RT COLD WORKING
DUCTILITY
HARDNESS
HEAT TREATMENT

TEMPERATE REGIONS

UF MIDLATITUDES
SUBTROPICAL REGIONS
GS REGIONS
. **TEMPERATE REGIONS**
RT CLIMATOLOGY
GEOGRAPHY
POLAR REGIONS
TROPICAL REGIONS

TEMPERATURE

UF BODY TEMPERATURE (NON-BIOLOGICAL)
GS **TEMPERATURE**
. ABSOLUTE ZERO
. AMBIENT TEMPERATURE
. ATMOSPHERIC TEMPERATURE
. AURORAL TEMPERATURE
. IONOSPHERIC TEMPERATURE
. BODY TEMPERATURE
. BRIGHTNESS TEMPERATURE
. COMBUSTION TEMPERATURE
. CRITICAL TEMPERATURE
. CURIE TEMPERATURE
. FLAME TEMPERATURE
. GAS TEMPERATURE
. GLASS TRANSITION TEMPERATURE
. HIGH TEMPERATURE
. IGNITION TEMPERATURE
. FLASH POINT
. INLET TEMPERATURE
. ION TEMPERATURE
. LAND SURFACE TEMPERATURE
. LOW TEMPERATURE
. CRYOGENIC TEMPERATURE
. LUNAR TEMPERATURE
. NEEL TEMPERATURE
. NOISE TEMPERATURE
. OPERATING TEMPERATURE
. PLANETARY TEMPERATURE
. PLASMA TEMPERATURE
. ROOM TEMPERATURE

TEMPERATURE--(cont.)

. SATELLITE TEMPERATURE
 . SKIN TEMPERATURE (BIOLOGY)
 . SOLAR TEMPERATURE
 . SPACE TEMPERATURE
 . SPIN TEMPERATURE
 . STAGNATION TEMPERATURE
 . STELLAR TEMPERATURE
 . SUBZERO TEMPERATURE
 . SURFACE TEMPERATURE
 . SKIN TEMPERATURE
 (NON-BIOLOGICAL)
 . WALL TEMPERATURE
 . TRANSITION TEMPERATURE
 . WATER TEMPERATURE
 . OCEAN TEMPERATURE
 . . SEA SURFACE TEMPERATURE
 RT ABLATIVE MATERIALS
 ADIABATIC CONDITIONS
 AIR CONDITIONING
 BIOLOGICAL EFFECTS
 CLIMATOLOGY
 COMFORT
 CONVECTIVE FLOW
 ELECTRON ENERGY
 EMISSIVITY
 ENVIRONMENTS
 FREE CONVECTION
 GEOTEMPERATURE
 GIBBS-HELMHOLTZ EQUATIONS
 HEAT
 HEAT SHIELDING
 HEAT STORAGE
 HEATING
 HUMIDITY
 ISOTHERMS
 LAPSE RATE
 MELTING POINTS
 METEOROLOGY
 OCEAN THERMAL ENERGY CONVERSION
 REFRIGERATING
 SAHA EQUATIONS
 SURFACE COOLING
 TEMPERATURE COMPENSATION
 TEMPERATURE CONTROL
 TEMPERATURE DEPENDENCE
 TEMPERATURE DISTRIBUTION
 TEMPERATURE EFFECTS
 TEMPERATURE GRADIENTS
 TEMPERATURE INVERSIONS
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING
 INSTRUMENTS
 TEMPERATURE PROBES
 TEMPERATURE PROFILES
 TEMPERATURE RATIO
 TEMPERATURE SCALES
 TEMPERATURE SENSORS
 TEPHIGRAMS
 THERMAL ABSORPTION
 THERMAL ANALYSIS
 THERMAL BLOOMING
 THERMAL BOUNDARY LAYER
 THERMAL BUCKLING
 THERMAL COMFORT
 THERMAL CONDUCTIVITY
 THERMAL CONDUCTIVITY GAGES
 THERMAL CONDUCTORS
 THERMAL CONTROL COATINGS
 THERMAL CYCLING TESTS
 THERMAL DECOMPOSITION
 THERMAL DEGRADATION
 THERMAL DIFFUSION
 THERMAL DIFFUSIVITY
 THERMAL DISSOCIATION
 THERMAL EMISSION
 THERMAL ENERGY
 THERMAL ENVIRONMENTS
 THERMAL EXPANSION
 THERMAL FATIGUE
 THERMAL INSTABILITY
 THERMAL INSULATION
 THERMAL MAPPING
 THERMAL NEUTRONS
 THERMAL NOISE
 THERMAL PLASMAS
 THERMAL POLLUTION
 THERMAL PROTECTION
 THERMAL RADIATION
 THERMAL REACTORS
 THERMAL RESISTANCE
 THERMAL RESOURCES
 THERMAL SHOCK
 THERMAL SIMULATION
 THERMAL STABILITY
 THERMAL STRESSES

TEMPERATURE--(cont.)

THERMAL VACUUM TESTS
 THERMODYNAMIC EFFICIENCY
 THERMODYNAMIC PROPERTIES
 VENTILATION

TEMPERATURE COMPENSATION

GS INSTRUMENT COMPENSATION
 . TEMPERATURE COMPENSATION
 RT ∞ COMPENSATION
 TEMPERATURE

TEMPERATURE CONTROL

UF HEAT REGULATION
 RT AIR CONDITIONING
 AUTOMATIC CONTROL
 AUTOMATIC CONTROL VALVES
 CHEMICAL REACTION CONTROL
 COMBUSTION CONTROL
 ∞ CONTROL
 CONTROLLERS
 COOLING
 COOLING SYSTEMS
 CRYOSTATS
 ENGINE CONTROL
 ENVIRONMENTAL CONTROL
 ENVIRONMENTAL ENGINEERING
 EXHAUST SYSTEMS
 HEAT SHIELDING
 HEATING
 HEATING EQUIPMENT
 HIGH TEMPERATURE TESTS
 INFRARED SUPPRESSION
 LOW TEMPERATURE TESTS
 MANUAL CONTROL
 PLASMA COOLING
 REFRIGERATING
 REFRIGERATING MACHINERY
 REMOTE CONTROL
 REUSABLE HEAT SHIELDING
 SPACE COOLING (BUILDINGS)
 SPACE HEATING (BUILDINGS)
 SPACECRAFT TEMPERATURE
 TEMPERATURE
 THERMAL CONTROL COATINGS
 THERMAL CYCLING TESTS
 THERMAL INSULATION
 THERMOMETERS
 THERMOREGULATION
 THERMOSTATS
 TRANSPIRATION
 VENTILATION
 WATER HEATING

TEMPERATURE DEPENDENCE

GS DEPENDENCE
 . TEMPERATURE DEPENDENCE
 RT HEAT AFFECTED ZONE
 HOT CORROSION
 MISCIBILITY GAP
 TEMPERATURE
 TEMPERATURE EFFECTS
 THERMAL DEGRADATION
 THERMAL STABILITY

TEMPERATURE DIFFERENCES

USE TEMPERATURE GRADIENTS

TEMPERATURE DISTRIBUTION

UF TEMPERATURE FIELDS
 GS DISTRIBUTION (PROPERTY)
 . TEMPERATURE DISTRIBUTION
 RT AIR CONDITIONING
 COOLING
 COOLING SYSTEMS
 ENVIRONMENTAL ENGINEERING
 FIELD THEORY (PHYSICS)
 HEAT TREATMENT
 HEATING
 ISOTHERMAL FLOW
 ISOTHERMAL LAYERS
 ISOTHERMS
 OCEAN TEMPERATURE
 REFRIGERATING
 SATELLITE TEMPERATURE
 TEMPERATURE
 THERMAL MAPPING
 THERMAL RESOURCES
 THERMAL SHOCK
 THERMAL STRESSES
 THERMOGRAPHY
 VENTILATION
 VERTICAL DISTRIBUTION
 WATER TEMPERATURE

TEMPERATURE EFFECTS

UF HEAT EFFECTS
 PHOTOTHERMOTROPISM
 RICHARDSON-DUSHMAN EQUATION
 THERMAL EFFECTS
 THERMOTROPISM
 RT ABLATION
 ABSOLUTE ZERO
 CHEMICAL EFFECTS
 ∞ EFFECTS
 ETTINGSHAUSEN EFFECT
 GLASS TRANSITION TEMPERATURE
 HEAT AFFECTED ZONE
 JET BLAST EFFECTS
 MAGNETIC EFFECTS
 NERNST-ETTINGSHAUSEN EFFECT
 PELTIER EFFECTS
 PRESSURE EFFECTS
 ∞ RADIATION
 REENTRY EFFECTS
 SEEBECK EFFECT
 SHAPE MEMORY ALLOYS
 SOLAR GRANULATION
 STERILIZATION EFFECTS
 TEMPERATURE
 TEMPERATURE DEPENDENCE
 THERMAL BUCKLING
 THERMAL DEGRADATION
 THERMAL DISSOCIATION
 THERMAL RESISTANCE
 THERMAL STRESSES
 THERMOGRAVIMETRY
 THERMOLUMINESCENCE
 THERMOPHORESIS
 THERMOPLASTICITY
 TIME TEMPERATURE PARAMETER

TEMPERATURE FIELDS

USE TEMPERATURE DISTRIBUTION

TEMPERATURE GRADIENTS

UF TEMPERATURE DIFFERENCES
 GS GRADIENTS
 . TEMPERATURE GRADIENTS
 . . THERMOCLINES
 RT ATMOSPHERIC TEMPERATURE
 BATHYTHERMOGRAPHS
 CHAPMAN-ENSKOG THEORY
 CONVECTIVE HEAT TRANSFER
 ISOTHERMAL LAYERS
 ISOTHERMS
 NONISOTHERMAL PROCESSES
 OCEAN TEMPERATURE
 POTENTIAL GRADIENTS
 STRATIFICATION
 TEMPERATURE
 THERMAL ANALYSIS
 THERMAL MAPPING
 THERMOMIGRATION
 THERMOPHORESIS

TEMPERATURE INDICATORS

USE INDICATING INSTRUMENTS
 TEMPERATURE MEASURING
 INSTRUMENTS

TEMPERATURE INSTRUMENTS

USE TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INVERSIONS

GS INVERSIONS
 . TEMPERATURE INVERSIONS
 . . CENTRIFUGING STRESS
 RT AIR POLLUTION
 ATMOSPHERIC TEMPERATURE
 BENDING
 BIREFRINGENCE
 BUCKLING
 CRACKING (FRACTURING)
 CRACKS
 CREEP PROPERTIES
 DEFLECTION
 DEFORMATION
 DISPLACEMENT
 DISTORTION
 FAILURE
 FATIGUE (MATERIALS)
 INTERNAL PRESSURE
 LAPSE RATE
 MECHANICAL PROPERTIES
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 PHOTOELASTIC ANALYSIS
 PLASTIC DEFORMATION

TEMPERATURE INVERSIONS--(cont.)

PRESSURE
PRESSURE EFFECTS
RESIDUAL STRESS
SAINT VENANT PRINCIPLE
SHEAR PROPERTIES
SHRINKAGE
STRAIN GAGES
STRAIN HARDENING
STRAIN RATE
STRESS ANALYSIS
STRESS RELAXATION
STRESS WAVES
STRESSES
STRUCTURAL STRAIN
TEMPERATURE
TENSILE DEFORMATION
∞ TENSION
TEPHIGRAMS
TORSION
VOLUMETRIC STRAIN
X RAY STRESS ANALYSIS
YIELD STRENGTH

TEMPERATURE MEASUREMENT

UF PYROMETRY
THERMOMETRY
RT ANOMALOUS TEMPERATURE ZONES
BOLOMETERS
BRIGHTNESS TEMPERATURE
CRAYONS
GAS TEMPERATURE
HIGH TEMPERATURE
IN SITU MEASUREMENT
∞ MEASUREMENT
NOISE TEMPERATURE
NONINTRUSIVE MEASUREMENT
PYROMETERS
RADIATION PYROMETERS
RESISTANCE THERMOMETERS
SATELLITE TEMPERATURE
SODAR
SOUND DETECTING AND RANGING
TEMPERATURE
THERMOCOUPLE PYROMETERS
THERMOCOUPLES
THERMOGRAPHY
THERMOMETERS
WIND TUNNEL CALIBRATION

TEMPERATURE MEASURING INSTRUMENTS

UF TEMPERATURE INDICATORS
TEMPERATURE INSTRUMENTS
THERMOGRAMS
GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
... BATHY THERMOGRAPHS
... OPTICAL PYROMETERS
... PNEUMATIC PROBES
... PYROMETERS
... RADIATION PYROMETERS
... THERMOCOUPLE PYROMETERS
... TEMPERATURE PROBES
... THERMOMETERS
... RESISTANCE THERMOMETERS
RT ANOMALOUS TEMPERATURE ZONES
BOLOMETERS
BOMB CALORIMETERS
CALORIMETERS
DROP CALORIMETERS
FLAME CALORIMETERS
FLAME PROBES
TEMPERATURE
THERMISTORS
THERMOCOUPLES
THERMOPILES
THERMOSTATS
TRANSDUCERS

TEMPERATURE PROBES

GS MEASURING INSTRUMENTS
TEMPERATURE MEASURING
INSTRUMENTS
RT TEMPERATURE PROBES
TEMPERATURE
THERMOCOUPLES

TEMPERATURE PROFILES

RT HEAT TRANSFER
TEMPERATURE
THERMAL ANALYSIS

TEMPERATURE RATIO

RT DATA CORRELATION

TEMPERATURE RATIO--(cont.)

HEAT TRANSFER
RATIOS
TEMPERATURE

TEMPERATURE SCALES

UF FAHRENHEIT TEMPERATURE SCALE
INTERNATIONAL PRACTICAL
TEMPERATURE
RT ABSOLUTE ZERO
ANOMALOUS TEMPERATURE ZONES
CALIBRATING
∞ SCALE
STANDARDS
TEMPERATURE
THERMOMETERS

TEMPERATURE SENSORS

GS TEMPERATURE SENSORS
THERMISTORS
RT ANOMALOUS TEMPERATURE ZONES
TEMPERATURE

TEMPERING

GS HEAT TREATMENT
TEMPERING
RT ANNEALING
DRAWING
HARDENING (MATERIALS)
LASER ANNEALING
METAL WORKING
NORMALIZING (HEAT TREATMENT)
STRESS RELIEVING
STRETCHING

TEMPLATES

RT LOFTING
MOLDS
∞ PATTERNS

TEMPORAL DISTRIBUTION

RT ANNUAL VARIATIONS
SPATIAL DISTRIBUTION
TELECONNECTIONS (METEOROLOGY)
TIME DEPENDENCE
∞ TIME RESPONSE

TEMPORAL RESOLUTION

UF MULTITEMPORAL ANALYSIS
GS RESOLUTION
TEMPORAL RESOLUTION
RT SPATIAL RESOLUTION

TENDENCIES

RT ∞ INCLINATION

TENDONS

GS ANATOMY
MUSCULOSKELETAL SYSTEM
MUSCLES
TENDONS
RT CONNECTIVE TISSUE
FIBROBLASTS

TENITE

RT CELLULOSE
MOLDING MATERIALS

TENMA SATELLITE

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
ASTRONOMICAL SATELLITES
TENMA SATELLITE
JAPANESE SPACECRAFT
TENMA SATELLITE
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
TENMA SATELLITE
RT JAPANESE SPACE PROGRAM
X RAY ASTRONOMY
X RAY SPECTRA
X RAY STARS

TENNESSEE

GS NATIONS
UNITED STATES
TENNESSEE
RT GREAT SMOKY MOUNTAINS (NC-TN)
TENNESSEE VALLEY (AL-KY-TN)

TENNESSEE VALLEY (AL-KY-TN)

GS VALLEYS
TENNESSEE VALLEY (AL-KY-TN)

TENNESSEE VALLEY (AL-KY-TN)--(cont.)

RT ALABAMA
KENTUCKY
TENNESSEE

TENSILE CREEP

GS MECHANICAL PROPERTIES
CREEP PROPERTIES
TENSILE CREEP
RT PLASTIC DEFORMATION
SHEAR CREEP

TENSILE DEFORMATION

GS DEFORMATION
TENSILE DEFORMATION
RT ELASTIC DEFORMATION
ELONGATION
PLASTIC DEFORMATION
TEMPERATURE INVERSIONS

TENSILE PROPERTIES

GS MECHANICAL PROPERTIES
TENSILE PROPERTIES
RT ELASTIC PROPERTIES
HIGH STRENGTH ALLOYS
∞ PROPERTIES

TENSILE STRENGTH

GS MECHANICAL PROPERTIES
TENSILE STRENGTH
RT DUCTILITY
ELASTIC PROPERTIES
ELONGATION
FIBER STRENGTH
HIGH STRENGTH
HYSTERESIS
LOAD CARRYING CAPACITY
POISSON RATIO
RESIDUAL STRENGTH
RESILIENCE
SHEAR STRENGTH
∞ STRENGTH
TOUGHNESS

TENSILE STRESS

GS STRESSES
TENSILE STRESS
RT AXIAL STRESS
HIGH STRENGTH
HOOPS
INTERFACIAL TENSION
STRESS INTENSITY FACTORS
∞ TENSION
TRIAXIAL STRESSES

TENSILE TESTS

RT DESTRUCTIVE TESTS
FATIGUE TESTS
LOAD TESTS
SPECIMEN GEOMETRY
STATIC TESTS
∞ TESTS

TENSIMETERS

GS MEASURING INSTRUMENTS
TENSIMETERS
RT CABLE FORCE RECORDERS
MECHANICAL MEASUREMENT

∞ TENSION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BLOOD PRESSURE
INTERFACIAL TENSION
PARTIAL PRESSURE
STRETCHING
TEMPERATURE INVERSIONS
TENSILE STRESS

TENSOMETERS

GS MEASURING INSTRUMENTS
TENSOMETERS
RT DEFORMETERS
EXTENSOMETERS
STRAIN GAGES
STRESS MEASUREMENT
WEIGHT INDICATORS

TENSOR ANALYSIS

GS GEOMETRY
DIFFERENTIAL GEOMETRY
TENSOR ANALYSIS
RT RELATIVITY

TENSOR ANALYSIS--(cont.)

SCALARS
SCALERS
TENSORS

TENSOR FIELDS

USE TENSORS

TENSORS

UF TENSOR FIELDS
TRANSFORMATION TENSORS
GS ALGEBRA
. **TENSORS**
... STRESS TENSORS
RT FIELD THEORY (PHYSICS)
JORDAN FORM
SCALARS
TENSOR ANALYSIS

TEPHIGRAMS

GS DIAGRAMS
. **TEPHIGRAMS**
RT ATMOSPHERIC TURBULENCE
ENTROPY
LAPSE RATE
TEMPERATURE
TEMPERATURE INVERSIONS
THERMODYNAMIC PROPERTIES

TERBIUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
... **TERBIUM**
... TERBIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
... **TERBIUM**
... TERBIUM ISOTOPES
RT TERBIUM COMPOUNDS

TERBIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
. **TERBIUM COMPOUNDS**
RT TERBIUM

TERBIUM ISOTOPES

UF TERBIUM 155
TERBIUM 161
GS CHEMICAL ELEMENTS
. NUCLIDES
... ISOTOPES
... **TERBIUM ISOTOPES**
. RARE EARTH ELEMENTS
... TERBIUM
... **TERBIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
... TERBIUM
... **TERBIUM ISOTOPES**

TERBIUM 155

USE TERBIUM ISOTOPES

TERBIUM 161

USE TERBIUM ISOTOPES

TERCOM

UF TERRAIN CONTOUR MATCHING
NAVIGATION SYSTEM
GS NAVIGATION AIDS
. **TERCOM**
ONBOARD EQUIPMENT
. AIRBORNE EQUIPMENT
... **TERCOM**
. AIRCRAFT EQUIPMENT
... **TERCOM**
RT DISPLAY DEVICES
FLIGHT INSTRUMENTS
MAP MATCHING GUIDANCE
NAVIGATION INSTRUMENTS
∞ SYSTEMS
VIDEO LANDMARK ACQUISITION AND
TRACKING

TEREPHTHALATE

GS **TEREPHTHALATE**
. POLYETHYLENE TEREPHTHALATE
RT CARBOXYLIC ACIDS
DICARBOXYLIC ACIDS

TERMINAL AREA ENERGY MANAGEMENT

GS MANAGEMENT
. **TERMINAL AREA ENERGY
MANAGEMENT**

TERMINAL AREA ENERGY MANAGEMENT--(cont.)

RT DIGITAL TECHNIQUES
SPACE SHUTTLE ORBITERS
SPACE TRANSPORTATION
SPACECRAFT LANDING

TERMINAL BALLISTICS

UF PENETRATION BALLISTICS
PROJECTILE PENETRATION
TARGET PENETRATION
GS BALLISTICS
. **TERMINAL BALLISTICS**
RT ENERGY TRANSFER
FRAGMENTATION
MISSILES
PENETRATION
PRECISION GUIDED PROJECTILES
PROJECTILES

TERMINAL CONFIGURED VEHICLE PROGRAM

UF TCV PROGRAM
GS PROGRAMS
. NASA PROGRAMS
... **TERMINAL CONFIGURED VEHICLE
PROGRAM**
RT AIRCRAFT DESIGN
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
AUTOMATIC LANDING CONTROL
ELECTRONIC CONTROL
FEEDBACK CONTROL
∞ VEHICLES

TERMINAL FACILITIES

GS **TERMINAL FACILITIES**
. SHIP TERMINALS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
∞ FACILITIES
HARBORS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
SITE SELECTION
TANKER TERMINALS
∞ TERMINALS
TRANSPORTATION
WHARVES

TERMINAL GUIDANCE

GS GUIDANCE (MOTION)
. **TERMINAL GUIDANCE**
... LASER GUIDANCE
RT COMMAND GUIDANCE
DESCENT TRAJECTORIES
ENTRY GUIDANCE (STS)
GLIDE PATHS
HOMING
INERTIAL GUIDANCE
MIDCOURSE GUIDANCE
REENTRY
REENTRY GUIDANCE
REENTRY TRAJECTORIES
REENTRY VEHICLES
RENDEZVOUS GUIDANCE
SPACECRAFT GUIDANCE

TERMINAL VELOCITY

GS RATES (PER TIME)
. **TERMINAL VELOCITY**
VELOCITY
RT **TERMINAL VELOCITY**
GRAVITATION

∞ TERMINALS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT CONNECTORS
DATA PROCESSING TERMINALS
ELECTRIC TERMINALS
∞ HEADERS
JUMPERS
OUTLETS
SHIP TERMINALS
TERMINAL FACILITIES

TERMINATING

USE STOPPING

TERMINATOR LINES

RT ∞ LINES
LUNAR PHASES
∞ PHASES
SUNRISE
SUNSET

TERMINOLOGY

RT DICTIONARIES
NOMENCLATURES
THESAURI
WORDS (LANGUAGE)

TERMS

RT INFORMATION THEORY
THESAURI

TERNARY ALLOYS

GS ALLOYS
. **TERNARY ALLOYS**
... ASTROLOY (TRADEMARK)
RT ALLOYING

TERNARY SYSTEMS

RT ALLOYS
BINARY SYSTEMS (MATERIALS)
SOLID SOLUTIONS
∞ SYSTEMS

TERNARY SYSTEMS (DIGITAL)

USE DIGITAL SYSTEMS

TERPENES

GS **TERPENES**
. AZULENE
. CAMPHOR
. MECAMYLAMINE
. MENTHOL
. TURPENTINE
RT ALIPHATIC HYDROCARBONS
ALKENES

TERPHENYLS

GS PHENYLS
. **TERPHENYLS**

TERRACES (LANDFORMS)

GS LANDFORMS
. **TERRACES (LANDFORMS)**
... PLATEAUS
... ALLEGHENY PLATEAU (US)
... COLORADO PLATEAU (US)
... MESAS
... BUTTES
... PIEDMONT
... CENTRAL PIEDMONT (US)
RT FORMATIONS
MOUNTAINS

TERRADYNAMICS

RT ∞ DYNAMICS
EARTH SURFACE
GEODYNAMICS
PROJECTILES
SEA FLOOR SPREADING

TERRAFORMING

RT ENVIRONMENTAL ENGINEERING
EXO BIOLOGY
LUNAR BASES
LUNAR ENVIRONMENT
MANNED MARS MISSIONS
MARS (PLANET)
MARS ENVIRONMENT
MARS SURFACE
MOON
PLANETARY ATMOSPHERES
PLANETARY ENVIRONMENTS
SPACE COLONIES
SPACE HABITATS
VENUS SURFACE

TERRAIN

UF LANDSCAPE
GS TOPOGRAPHY
. **TERRAIN**
RT GEOMORPHOLOGY
LANDFORMS
LANDMARKS

TERRAIN ANALYSIS

UF SATAN (SENSOR)
RT ∞ ANALYZING
CHANGE DETECTION
EARTH RESOURCES
EROS (SATELLITES)
GEOGRAPHIC APPLICATIONS PROGRAM
HOLOGRAMMETRY
MAPPING
NAP-OF-THE-EARTH NAVIGATION
PHOTOGRAMMETRY

TERRAIN ANALYSIS--(cont.)

RECONNAISSANCE
SATELLITE SURFACES
SOIL MAPPING
VIDEO LANDMARK ACQUISITION AND TRACKING

TERRAIN CONTOUR MATCHING NAVIGATION SYSTEM

USE TERCOM

TERRAIN FOLLOWING AIRCRAFT

GS **TERRAIN FOLLOWING AIRCRAFT**
 . TSR-2 AIRCRAFT
 RT AH-1G HELICOPTER
 AH-63 HELICOPTER
 AH-64 HELICOPTER
 ∞ AIRCRAFT
 ATTACK AIRCRAFT
 JET AIRCRAFT
 LIGHT AIRCRAFT
 ∞ MILITARY AIRCRAFT
 NAP-OF-THE-EARTH NAVIGATION
 OBSERVATION AIRCRAFT
 ∞ SUBSONIC AIRCRAFT
 UTILITY AIRCRAFT

TERRESTRIAL DUST BELT

GS PARTICLES
 . DUST
 . . . **TERRESTRIAL DUST BELT**
 RT ∞ BELTS
 COSMIC DUST
 GEGENSCHNEID
 METEOROID DUST CLOUDS
 MICROMETEORIDS
 ZODIACAL DUST

TERRESTRIAL MAGNETISM

USE GEOMAGNETISM

TERRESTRIAL PLANETS

GS CELESTIAL BODIES
 . PLANETS
 . . . **TERRESTRIAL PLANETS**
 . . . EARTH (PLANET)
 . . . MARS (PLANET)
 . . . MERCURY (PLANET)
 . . . VENUS (PLANET)
 RT CELESTIAL MECHANICS
 MERCURY SURFACE
 PLANETARY ENVIRONMENTS
 PLANETOLOGY
 SOLAR SYSTEM

TERRESTRIAL RADIATION

SN (EXCLUDES ATMOSPHERIC RADIATION
 AND REFLECTED VISIBLE LIGHT)
 UF EARTH RADIATION
 GS ELECTROMAGNETIC RADIATION
 . **TERRESTRIAL RADIATION**
 RT ATMOSPHERIC RADIATION
 EARTH (PLANET)
 EARTH ALBEDO
 EARTH RADIATION BUDGET
 EARTH RADIATION BUDGET
 EXPERIMENT
 EXTRATERRESTRIAL RADIATION
 FAR INFRARED RADIATION
 GREENHOUSE EFFECT
 INFRARED RADIATION
 NEAR INFRARED RADIATION
 PLANETARY RADIATION
 ∞ RADIATION
 TROPOSPHERIC RADIATION

TERRIER MISSILE

GS MISSILES
 . ANTI-AIRCRAFT MISSILES
 . . . **TERRIER MISSILE**
 . SURFACE TO AIR MISSILES
 . . . **TERRIER MISSILE**
 RT BUMBLEBEE PROJECT
 MULTISTAGE ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

TERTIARY PERIOD

GS CENOZOIC ERA
 . **TERTIARY PERIOD**
 RT CRETACEOUS PERIOD
 CRETACEOUS-TERTIARY BOUNDARY
 GEOCHRONOLOGY
 PALEONTOLOGY

TESSERAL HARMONICS

GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS
 . . . HARMONIC ANALYSIS
 . . . **TESSERAL HARMONICS**
 HARMONICS
 . **TESSERAL HARMONICS**
 RT SATELLITE PERTURBATION

TEST BEDS

USE TEST STANDS

TEST CHAMBERS

UF ENVIRONMENTAL CHAMBERS
 GS COMPARTMENTS
 . **TEST CHAMBERS**
 . . ANECHOIC CHAMBERS
 . . PRESSURE CHAMBERS
 . . . HYPERBARIC CHAMBERS
 . . . VACUUM CHAMBERS
 . . REVERBERATION CHAMBERS
 RT ∞ CAPSULES
 ∞ CHAMBERS
 CRYOGENIC WIND TUNNELS
 ENVIRONMENT MODELS
 ENVIRONMENT SIMULATORS
 ENVIRONMENTAL CONTROL
 ENVIRONMENTAL LABORATORIES
 ENVIRONMENTAL TESTS
 THERMAL VACUUM TESTS
 VACUUM TESTS
 WIND TUNNELS

∞ TEST EQUIPMENT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF CHECKOUT EQUIPMENT
 TESTERS
 RT TESTING MACHINES
 ANALYZERS
 ASTRONICS
 AUTOMATIC TEST EQUIPMENT
 AVIONICS
 ∞ CAPSULES
 CEFOAM CHECKOUT EQUIPMENT
 CENTRIFUGES
 CHECKOUT
 DYNAMOMETERS
 EARTH TERMINAL MEASUREMENT
 SYSTEM
 ELECTRONIC EQUIPMENT TESTS
 ∞ EQUIPMENT
 FATIGUE TESTING MACHINES
 FREE FLIGHT TEST APPARATUS
 FREQUENCY ANALYZERS
 GEOPHYSICAL FLUID FLOW CELLS
 GROUND SUPPORT EQUIPMENT
 HYPERSONIC TEST APPARATUS
 IMPACT TESTING MACHINES
 LOAD TESTING MACHINES
 MEASURING INSTRUMENTS
 MONOSCOPES
 ONBOARD EQUIPMENT
 ROCKET PROPELLED SLEDS
 SAMPLERS
 SIMULATORS
 SUPERSONIC TEST APPARATUS
 TEST FACILITIES
 TEST PATTERN GENERATORS
 TEST STANDS
 WIND TUNNEL MODELS
 WIND TUNNELS

TEST FACILITIES

GS **TEST FACILITIES**
 . ANECHOIC CHAMBERS
 . CENTRAL ATLANTIC REGIONAL ECOL
 . . . TEST SITE
 . ENGINE TESTING LABORATORIES
 . ENVIRONMENTAL LABORATORIES
 . HYDRAULIC TEST TUNNELS
 . REVERBERATION CHAMBERS
 . ROCKET TEST FACILITIES
 . TEST RANGES
 . . BALLISTIC RANGES
 . . MISSILE RANGES
 . TEST STANDS
 . TRANSIENT REACTOR TEST FACILITY
 . WIND TUNNELS
 . . BLOWDOWN WIND TUNNELS
 . . COMBUSTION WIND TUNNELS
 . . CRYOGENIC WIND TUNNELS
 . . HYPERSONIC WIND TUNNELS
 . . . CASCADE WIND TUNNELS

TEST FACILITIES--(cont.)

. . . HOTSHOT WIND TUNNELS
 . . . PLASMA JET WIND TUNNELS
 . . . SHOCK TUNNELS
 . . . HYPERVELOCITY WIND TUNNELS
 . . . CASCADE WIND TUNNELS
 . . . HOTSHOT WIND TUNNELS
 . . . PLASMA JET WIND TUNNELS
 . . . SHOCK TUNNELS
 . . . LOW DENSITY WIND TUNNELS
 . . . LOW SPEED WIND TUNNELS
 . . . SUBSONIC WIND TUNNELS
 . . . RECTANGULAR WIND TUNNELS
 . . . SLOTTED WIND TUNNELS
 . . . SUPERSONIC WIND TUNNELS
 . . . TRANSONIC WIND TUNNELS
 . . . TRISONIC WIND TUNNELS
 RT ARIZONA REGIONAL ECOLOGICAL TEST
 SITE
 ∞ FACILITIES
 FLIGHT SIMULATORS
 LABORATORIES
 MODELS
 MOTION SIMULATORS
 RESEARCH FACILITIES
 SHOCK TUBES
 SIMULATORS
 SOLAR SIMULATORS
 SPACECRAFT CABIN SIMULATORS
 ∞ TEST EQUIPMENT
 ∞ TESTS

TEST FIRING

GS FIRING (IGNITING)
 . **TEST FIRING**
 . . . STATIC FIRING
 RT ENGINE TESTS
 FUEL TESTS
 GROUND TESTS
 MISSILE TESTS
 PREFIRING TESTS
 PRELAUNCH TESTS
 ROCKET FIRING
 ROCKET TEST FACILITIES
 STATIC TESTS
 ∞ TESTS

TEST PATTERN GENERATORS

RT ∞ FAULTS
 ∞ GENERATORS
 ∞ PATTERNS
 ∞ TEST EQUIPMENT

TEST PILOTS

GS PERSONNEL
 . FLYING PERSONNEL
 . . PILOTS (PERSONNEL)
 . . . AIRCRAFT PILOTS
 **TEST PILOTS**
 . . . OPERATORS (PERSONNEL)
 . . PILOTS (PERSONNEL)
 . . . AIRCRAFT PILOTS
 **TEST PILOTS**
 RT ∞ PILOTS

TEST RANGES

GS RANGES (FACILITIES)
 . **TEST RANGES**
 . . BALLISTIC RANGES
 . . MISSILE RANGES
 . . . TEST FACILITIES
 . **TEST RANGES**
 . . BALLISTIC RANGES
 . . MISSILE RANGES
 RT DOWNRANGE
 DOWNRANGE MEASUREMENT
 RANGE SAFETY
 ROCKET TEST FACILITIES

TEST STANDS

UF TEST BEDS
 GS TEST FACILITIES
 . **TEST STANDS**
 RT ENGINE TESTS
 FLAME DEFLECTORS
 PREFIRING TESTS
 PRELAUNCH TESTS
 ROCKET TEST FACILITIES
 ∞ TEST EQUIPMENT

TEST VEHICLES

GS **TEST VEHICLES**
 . FLIGHT TEST VEHICLES
 RT ∞ AIRCRAFT
 ALTITUDE TESTS

TEST VEHICLES--(cont.)

- ∞ BALLISTIC VEHICLES
- ∞ CAPSULES
- ELECTRIC MOTOR VEHICLES
- HIGH ALTITUDE TESTS
- HYPERSONIC VEHICLES
- LAUNCH VEHICLES
- MISSILE TESTS
- MISSILES
- REENTRY VEHICLES
- RESEARCH AIRCRAFT
- ROCKET VEHICLES
- ∞ SPACECRAFT
- ∞ TESTS
- TOWED BODIES
- ∞ VEHICLES

TESTERS

- USE TEST EQUIPMENT

TESTES

- GS ANATOMY
 - . GENITOURINARY SYSTEM
 - . . . REPRODUCTIVE SYSTEMS
 - SEX GLANDS
 - GONADS
 - **TESTES**
 - GLANDS (ANATOMY)
 - ENDOCRINE GLANDS
 - GONADS
 - **TESTES**
 - SEX GLANDS
 - GONADS
 - **TESTES**

TESTING

- USE TESTS

TESTING MACHINES

- USE TEST EQUIPMENT

TESTING TIME

- GS TIME
 - . **TESTING TIME**
- RT BURNING TIME
- ENGINE TESTS
- FATIGUE TESTS
- FLIGHT TIME
- ∞ TESTS
 - . TURNAROUND (STS)
 - . WINDOWS (INTERVALS)

∞ TESTS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF PRETESTS
- RT TESTING
 - . ACCELERATED LIFE TESTS
 - . ACCEPTABILITY
 - . ACCURACY
 - . ADHESION TESTS
 - . ALTITUDE TESTS
 - . APPROACH AND LANDING TESTS (STS)
 - . BEND TESTS
 - . CAPTIVE TESTS
 - . CHECKOUT
 - . CHEMICAL ANALYSIS
 - . CHEMICAL TESTS
 - . COLD FLOW TESTS
 - . COLD WEATHER TESTS
 - . COMPRESSION TESTS
 - . COMPUTATIONAL CHEMISTRY
 - . CONFIDENCE LIMITS
 - . CORROSION TEST LOOPS
 - . CORROSION TESTS
 - . CREEP TESTS
 - . CREW PROCEDURES (INFLIGHT)
 - . CREW PROCEDURES (PREFLIGHT)
 - . DAMPING TESTS
 - . DESTRUCTIVE TESTS
 - . DROP TESTS
 - . DYNAMIC TESTS
 - . EDUCATION
 - . ELECTRIC EQUIPMENT TESTS
 - . ELECTRONIC EQUIPMENT TESTS
 - . EMPLOYMENT
 - . ENGINE TESTS
 - . ENVIRONMENTAL TESTS
 - . ERRORS
 - . EVALUATION
 - . EXAMINATION
 - . EXTRAPOLATION
 - . FATIGUE TESTS
 - . FLIGHT STABILITY TESTS

TESTS--(cont.)

- FLIGHT TESTS
- FUEL TESTS
- FULL SCALE TESTS
- GROUND TESTS
- HARDNESS TESTS
- HIGH ALTITUDE TESTS
- HIGH TEMPERATURE TESTS
- IMPACT TESTS
- INTELLIGENCE TESTS
- LABORATORIES
- LOAD TESTS
- LOW TEMPERATURE TESTS
- LUBRICANT TESTS
- ∞ MATERIALS TESTS
 - . MEDIAN (STATISTICS)
 - . MISSILE TESTS
 - . NONDESTRUCTIVE TESTS
 - . NOTCH TESTS
 - . ORBITAL SPACE TESTS
 - . PATCH TESTS
 - . PERFORMANCE TESTS
 - . PERSONALITY TESTS
 - . PHYSIOLOGICAL TESTS
 - . PREFIRING TESTS
 - . PREFLIGHT ANALYSIS
 - . PRELAUNCH TESTS
 - . PROGRAM VERIFICATION (COMPUTERS)
 - . PROPELLANT TESTS
 - . PROVING
 - . PSYCHOLOGICAL TESTS
 - . QUALIFICATIONS
 - . QUALITY
 - . QUALITY CONTROL
 - . RAILROAD HUMMING TESTS
 - . RANK TESTS
 - . REACTOR STARTUP TESTS
 - . RECORDS
 - . RELIABILITY
 - . RESONANCE TESTING
 - . RORSCHACH TESTS
 - . SALT SPRAY TESTS
 - . SAMPLING
 - . SELECTION
 - . SELF TESTS
 - . SHOCK TESTS
 - . SNELLEN TESTS
 - . SPACE ELECTRIC ROCKET TESTS
 - . SPACE TRANSPORTATION SYSTEM FLIGHTS
 - . SPACE VEHICLE CHECKOUT PROGRAM
 - . SPIN TESTS
 - . STABILITY TESTS
 - . STATIC TESTS
 - . STATISTICAL TESTS
 - . STROKING TESTS
 - . TASKS
 - . TENSILE TESTS
 - . TEST FACILITIES
 - . TEST FIRING
 - . TEST VEHICLES
 - . TESTING TIME
 - . THERMAL CYCLING TESTS
 - . THERMAL VACUUM TESTS
 - . ULTRASONIC TESTS
 - . VACUUM TESTS
 - . VIBRATION TESTS
 - . WATER TUNNEL TESTS
 - . WEAR TESTS
 - . WELD TESTS
 - . WIND TUNNEL STABILITY TESTS
 - . WIND TUNNEL TESTS
 - . WING FLOW METHOD TESTS
 - . X RAY INSPECTION

TETHERED BALLOONS

- UF KITE BALLOONS
- GS EXPANDABLE STRUCTURES
 - . INFLATABLE STRUCTURES
 - . . . BALLOONS
 - . . . **TETHERED BALLOONS**
- RT METEOROLOGICAL BALLOONS
- REELS

TETHERED SATELLITES

- GS ARTIFICIAL SATELLITES
 - . **TETHERED SATELLITES**
- RT REELS

TETHERING

- RT ORBITAL RENDEZVOUS
- REELS
- TETHERLINES

TETHERLINES

- RT ANCHORS (FASTENERS)
 - . ∞ CABLES
 - . ∞ LINES
 - . TETHERING
 - . UMBILICAL CONNECTORS

TETHYS

- GS CELESTIAL BODIES
 - . . . NATURAL SATELLITES
 - ICY SATELLITES
 - **TETHYS**
 - SATURN SATELLITES
 - **TETHYS**
- RT SATURN (PLANET)

TETRABUTYLS

- GS ALKYL COMPOUNDS
 - . **TETRABUTYLS**
- RT DIBUTYL COMPOUNDS
 - . ORGANOMETALLIC COMPOUNDS

TETRACHLORIDES

- GS HALOGEN COMPOUNDS
 - . . . CHLORINE COMPOUNDS
 - CHLORIDES
 - **TETRACHLORIDES**
 - HALIDES
 - CHLORIDES
 - **TETRACHLORIDES**

TETRACHLOROMETHANE

- USE CARBON TETRACHLORIDE

TETRACYCLINES

- GS DRUGS
 - . . . ANTIBIOTICS
 - . . . **TETRACYCLINES**
 - . . . ORGANIC COMPOUNDS
 - CYCLIC COMPOUNDS
 - HETEROCYCLIC COMPOUNDS
 - . . . **TETRACYCLINES**

TETRAD THEORY

- RT CHROMOSOMES
 - . MIOSIS
 - . SPORES
- ∞ THEORIES

TETRAETHYL ORTHOCARBONATES

- GS CARBON COMPOUNDS
 - . . . CARBONATES
 - . . . **TETRAETHYL ORTHOCARBONATES**

TETRAETHYL ORTHOSILICATE

- GS ADHESIVES
 - . **TETRAETHYL ORTHOSILICATE**
- RT ETHYL COMPOUNDS
 - . GLUES
 - . SILICATES

TETRAFLUOROXYDRAZINE

- GS AMINES
 - . **TETRAFLUOROXYDRAZINE**
 - . HALOGEN COMPOUNDS
 - . . . FLUORINE COMPOUNDS
 - FLUORO COMPOUNDS
 - **TETRAFLUOROXYDRAZINE**
 - HYDRAZINES
 - **TETRAFLUOROXYDRAZINE**
- RT ROCKET OXIDIZERS

TETRAGONS

- GS GEOMETRY
 - . . . EUCLIDEAN GEOMETRY
 - POLYGONS
 - **TETRAGONS**
 - PARALLELOGRAMS
 - RHOMBOIDS
 - RECTANGLES
 - SQUARES (MATHEMATICS)
 - TRAPEZIODS

TETRAHEDRONS

- GS GEOMETRY
 - . . . EUCLIDEAN GEOMETRY
 - POLYHEDRONS
 - **TETRAHEDRONS**
- RT TRIANGLES

TETRAHYDROFURAN

- UF BUTYLENE OXIDES
- GS ORGANIC COMPOUNDS
 - . . . CYCLIC COMPOUNDS

TETRAHYDROFURAN--(cont.)

- ... HETEROCYCLIC COMPOUNDS
- ... FURANS
- ... **TETRAHYDROFURAN**
- SOLVENTS
- RT **TETRAHYDROFURAN**
- ADDITIVES
- ∞ CHEMICAL COMPOUNDS
- PLASTICS
- POLYVINYL CHLORIDE

TETRANITROTETRAZACYCLOOCTANE

- USE HMX

TETRAPHENYLS

- GS PHENYLS
- ... POLYPHENYLS
- ... **TETRAPHENYLS**

TETRAZOLES

- GS ORGANIC COMPOUNDS
- ... CYCLIC COMPOUNDS
- ... HETEROCYCLIC COMPOUNDS
- ... **TETRAZOLES**

TETRODES

- RT ELECTRON TUBES
- PENTODES
- SEMICONDUCTOR DEVICES
- TRANSISTORS
- TRIODES

TETROONS

- USE SUPERPRESSURE BALLOONS

TETRYL

- GS AMINES
- ... **TETRYL**
- EXPLOSIVES
- ... **TETRYL**
- NITROGEN COMPOUNDS
- NITRO COMPOUNDS
- ... **TETRYL**
- PROPELLANTS
- ... **TETRYL**

TEXAS

- GS NATIONS
- ... UNITED STATES
- ... **TEXAS**
- RT GULF OF MEXICO
- HOUSTON (TX)
- LAKE TEXOMA (OK-TX)
- RIO GRANDE (NORTH AMERICA)

TEXTBOOKS

- GS DOCUMENTS
- ... **TEXTBOOKS**
- RT EDUCATION
- HANDBOOKS
- KNOWLEDGE
- LEARNING
- LIBRARIES
- MANUALS
- SUBJECTS

TEXTILES

- GS **TEXTILES**
- ... COTTON FIBERS
- ... LINEN
- ... RAYON
- RT CLOTHING
- COTTON
- FABRICS
- FIBERS
- VAPOR BARRIER CLOTHING
- WET SPINNING

TEXTS

- GS DOCUMENTS
- ... **TEXTS**
- RT FORMAT
- RECORDS

TEXTURES

- RT CURL (MATERIALS)
- FINENESS
- MECHANICAL PROPERTIES
- POROSITY
- SURFACE PROPERTIES

TF-30 ENGINE

- GS AIRCRAFT ENGINES
- ... **TF-30 ENGINE**

TF-30 ENGINE--(cont.)

- ENGINES
- ... INTERNAL COMBUSTION ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOFAN ENGINES
- ... **TF-30 ENGINE**
- ... TURBINE ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOFAN ENGINES
- ... **TF-30 ENGINE**

TF-34 ENGINE

- GS AIRCRAFT ENGINES
- ... **TF-34 ENGINE**
- RT CONVERTIBLE FAN-SHAFT ENGINES

TF-41 ENGINE

- GS AIRCRAFT ENGINES
- ... **TF-41 ENGINE**
- ENGINES
- ... AIR BREATHING ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOFAN ENGINES
- ... **TF-41 ENGINE**
- ... INTERNAL COMBUSTION ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOFAN ENGINES
- ... **TF-41 ENGINE**
- ... TURBINE ENGINES
- ... GAS TURBINE ENGINES
- ... JET ENGINES
- ... TURBOJET ENGINES
- ... TURBOFAN ENGINES
- ... **TF-41 ENGINE**

TFX AIRCRAFT

- USE F-111 AIRCRAFT

TH-55 HELICOPTER

- GS HUGHES AIRCRAFT
- ... **TH-55 HELICOPTER**
- V/STOL AIRCRAFT
- ... ROTARY WING AIRCRAFT
- ... HELICOPTERS
- ... **TH-55 HELICOPTER**

THAILAND

- GS NATIONS
- ... **THAILAND**
- RT ASIA

THALAMUS

- GS ANATOMY
- ... NERVOUS SYSTEM
- ... CENTRAL NERVOUS SYSTEM
- ... BRAIN
- ... DIENCEPHALON
- ... **THALAMUS**

THALLIUM

- GS CHEMICAL ELEMENTS
- ... **THALLIUM**
- ... THALLIUM ISOTOPES
- METALS
- ... **THALLIUM**
- ... THALLIUM ISOTOPES
- RT THALLIUM COMPOUNDS

THALLIUM ALLOYS

- GS ALLOYS
- ... **THALLIUM ALLOYS**

THALLIUM COMPOUNDS

- RT ∞ METAL COMPOUNDS
- THALLIUM

THALLIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- ... THALLIUM
- ... **THALLIUM ISOTOPES**
- METALS
- ... THALLIUM
- ... **THALLIUM ISOTOPES**

THAWING

- USE MELTING

THEMATIC MAPPERS (LANDSAT)

- GS OPTICAL EQUIPMENT
- ... OPTICAL SCANNERS
- ... MULTISPECTRAL BAND SCANNERS
- ... **THEMATIC MAPPERS (LANDSAT)**
- REMOTE SENSORS
- ... **THEMATIC MAPPERS (LANDSAT)**
- SCANNERS
- ... OPTICAL SCANNERS
- ... MULTISPECTRAL BAND SCANNERS
- ... **THEMATIC MAPPERS (LANDSAT)**
- RT LANDSAT 4
- LANDSAT 5
- REMOTE SENSING
- THEMATIC MAPPING

THEMATIC MAPPING

- GS MAPPING
- ... **THEMATIC MAPPING**
- RT CADASTRAL MAPPING
- MAPS
- PHOTO GEOLOGY
- PHOTOMAPPING
- PHOTOMAPS
- THEMATIC MAPPERS (LANDSAT)

THEMIS PROJECT

- GS PROGRAMS
- ... PROJECTS
- ... **THEMIS PROJECT**

THEODOLITES

- GS MEASURING INSTRUMENTS
- ... OPTICAL MEASURING INSTRUMENTS
- ... TRANSITS
- ... **THEODOLITES**
- ... CINETHEODOLITES
- OPTICAL EQUIPMENT
- ... OPTICAL MEASURING INSTRUMENTS
- ... TRANSITS
- ... **THEODOLITES**
- ... CINETHEODOLITES
- RT SEXTANTS

THEODORSEN TRANSFORMATION

- RT AIRFOIL PROFILES
- COMPLEX VARIABLES
- CONFORMAL MAPPING
- COORDINATE TRANSFORMATIONS
- JOUKOWSKI TRANSFORMATION
- PRESSURE DISTRIBUTION

THEOREM PROVING

- GS PROBLEM SOLVING
- ... **THEOREM PROVING**
- PROVING
- ... **THEOREM PROVING**
- RT ARTIFICIAL INTELLIGENCE
- COMPUTER PROGRAMMING
- PREDICATE CALCULUS
- THEOREMS

THEOREMS

- UF LEMMAS
- GS **THEOREMS**
- ... ADDITION THEOREM
- ... BAYES THEOREM
- ... BERNOULLI THEOREM
- ... BINOMIAL THEOREM
- ... CASTIGLIANO VARIATIONAL THEOREM
- ... DUALITY THEOREM
- ... EQUIPARTITION THEOREM
- ... EXISTENCE THEOREMS
- ... FLOQUET THEOREM
- ... GAUSS-MARKOV THEOREM
- ... HELLMANN-FEYNMAN THEOREM
- ... KAKUTANI THEOREM
- ... LEBESGUE THEOREM
- ... LIOUVILLE THEOREM
- ... MICHELL THEOREM
- ... POMERANCHUK THEOREM
- ... POYNTING THEOREM
- ... RECIPROCAL THEOREMS
- ... RECIPROCITY THEOREM
- ... RICHARDS THEOREM
- ... RIESZ THEOREM
- ... SCHAUDER FIXPOINT THEOREM
- ... SIMILARITY THEOREM
- ... LAGRANGE SIMILARITY HYPOTHESIS
- ... STOKES THEOREM (VECTOR CALCULUS)
- ... UNIQUENESS THEOREM
- ... VIRIAL THEOREM
- RT HYPOTHESES
- MATHEMATICAL LOGIC

THEOREMS--(cont.)

- ∞ MATHEMATICS
- TAYLOR SERIES
- THEOREM PROVING

THEORETICAL PHYSICS

- GS **THEORETICAL PHYSICS**
 - . NEWTON THEORY
 - . QUANTUM THEORY
 - . BOHR THEORY
- RT ASTROPHYSICS
- BROKEN SYMMETRY
- CHARM (PARTICLE PHYSICS)
- ELECTROPHYSICS
- FLAVOR (PARTICLE PHYSICS)
- GEOPHYSICS
- GRAND UNIFIED THEORY
- NAKED SINGULARITIES
- NUCLEAR PHYSICS
- ∞ PHYSICS
- PLASMA PHYSICS
- RADIO PHYSICS
- ∞ SCIENCE
- ∞ SOLID STATE PHYSICS
- STRANGE ATTRACTORS
- STRING THEORY
- SUPERGRAVITY
- SUPERSYMMETRY
- UNIFIED FIELD THEORY
- YANG-MILLS THEORY

∞ THEORIES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ABRIKOSOV THEORY
- ASSUMPTIONS
- ATOMIC THEORY
- AUTOMATA THEORY
- BCS THEORY
- BELLMAN THEORY
- BENDING THEORY
- BESSEL-BREDICHIN THEORY
- BIMETRIC THEORIES
- BOGOLIUBOV THEORY
- BOHR THEORY
- BORN-INFELD THEORY
- CATASTROPHE THEORY
- CHAPMAN-ENSKOG THEORY
- COMMUNICATION THEORY
- CONTROL THEORY
- CROCCO-LEE THEORY
- DEBYE-HUCKEL THEORY
- DECISION THEORY
- DIFFUSION THEORY
- DYNAMO THEORY
- DYSON THEORY
- EYRING THEORY
- FIELD MODE THEORY
- FIELD THEORY (ALGEBRA)
- FIELD THEORY (PHYSICS)
- FINITE DIFFERENCE THEORY
- FLOW THEORY
- FLUCTUATION THEORY
- FOSTER THEORY
- GAME THEORY
- GAUGE THEORY
- GEOMETRICAL THEORY OF DIFFRACTION
- GESTALT THEORY
- GLAUBER THEORY
- GOAL THEORY
- GRAPH THEORY
- GRAVITATION THEORY
- GRIFFITH CRACK
- GROUP THEORY
- HANSEN LUNAR THEORY
- HEISENBERG THEORY
- HILL LUNAR THEORY
- HOMOTOPY THEORY
- HUECKEL THEORY
- HYPOTHESES
- INFORMATION THEORY
- JEANS THEORY
- KINETIC THEORY
- KOLMOGOROV THEORY
- LEARNING THEORY
- MALKUS THEORY
- MANNING THEORY
- MATRIX THEORY
- MICHAELIS THEORY
- MIXING LENGTH FLOW THEORY
- MOLECULAR THEORY
- MOMENTUM THEORY
- NEWTON THEORY

THEORIES--(cont.)

- NONADIABATIC THEORY
- NUMBER THEORY
- NUMERICAL DIFFERENTIATION
- OPIK THEORY
- ORTHOGONAL MULTIPLEXING THEORY
- PARTICLE THEORY
- PERTURBATION THEORY
- PHYSICAL OPTICS
- PISTON THEORY
- PLATE THEORY
- POPULATION THEORY
- POTENTIAL THEORY
- PROBABILITY THEORY
- QUANTUM CHROMODYNAMICS
- QUANTUM THEORY
- QUEUEING THEORY
- REISSNER THEORY
- RELATIVISTIC THEORY
- S MATRIX THEORY
- SADDLE POINTS (GAME THEORY)
- SET THEORY
- SHELL THEORY
- SPECTRAL THEORY
- STATISTICAL DECISION THEORY
- STRONG INTERACTIONS (FIELD THEORY)
- STURM-LIOUVILLE THEORY
- SWITCHING THEORY
- TETRAD THEORY
- TRANSPORT THEORY
- VINTI THEORY
- WEAK INTERACTIONS (FIELD THEORY)
- YANG-MILLS THEORY
- YOUNG-HELMHOLTZ THEORY

THERAPY

- GS **THERAPY**
 - . CHEMOTHERAPY
 - . MASSAGING
 - . PSYCHOTHERAPY
 - . RADIATION THERAPY
- RT CURES
- DISEASES
- HEALING
- MEDICAL EQUIPMENT
- PATIENTS
- RESPIRATORS
- SKIN GRAFTS

THERMAL ABSORPTION

- GS ENERGY ABSORPTION
- . **THERMAL ABSORPTION**
 - . . POLAR CAP ABSORPTION
- RT ABLATION
- ∞ ABSORPTION
- ATMOSPHERIC ATTENUATION
- CHARRING
- GRAY GAS
- HEAT SINKS
- PYROLYSIS
- TEMPERATURE

THERMAL ACCOMMODATION COEFFICIENTS

- USE ACCOMMODATION COEFFICIENT

THERMAL AGITATION

- USE THERMAL ENERGY

THERMAL ANALYSIS

- UF DIFFERENTIAL THERMAL ANALYSIS
- DTA (ANALYSIS)
- RT ∞ ANALYZING
- HEAT TRANSMISSION
- TEMPERATURE
- TEMPERATURE GRADIENTS
- TEMPERATURE PROFILES

THERMAL BARRIERS (PLASMA CONTROL)

- RT ∞ BARRIERS
- FUSION REACTORS
- MIRROR FUSION
- PLASMA CONTROL
- TANDEM MIRRORS

THERMAL BATTERIES

- GS ELECTRIC GENERATORS
- . DIRECT POWER GENERATORS
- . . PRIMARY BATTERIES
- . . . **THERMAL BATTERIES**
- ELECTROCHEMICAL CELLS
- . ELECTRIC BATTERIES
- . . PRIMARY BATTERIES
- . . . **THERMAL BATTERIES**
- RT ALKALINE BATTERIES

THERMAL BATTERIES--(cont.)

- DRY CELLS

THERMAL BLOOMING

- UF LASER BEAM DEFOCUSING
- THERMAL DEFOCUSING
- RT LASER CUTTING
- LASER HEATING
- LASER OUTPUTS
- LASERS
- PHOTON BEAMS
- TEMPERATURE

THERMAL BOUNDARY LAYER

- GS BOUNDARY LAYERS
- . **THERMAL BOUNDARY LAYER**
- RT HYPERSONIC BOUNDARY LAYER
- LAMINAR BOUNDARY LAYER
- RAYLEIGH-BENARD CONVECTION
- TEMPERATURE
- TURBULENT BOUNDARY LAYER

THERMAL BUCKLING

- GS BUCKLING
- . **THERMAL BUCKLING**
- RT EXPANSION
- TEMPERATURE
- TEMPERATURE EFFECTS
- THERMAL EXPANSION

THERMAL COMFORT

- RT HEAT STROKE
- TEMPERATURE
- THERMAL ENVIRONMENTS

THERMAL CONDUCTIVITY

- GS THERMODYNAMIC PROPERTIES
- . THERMOPHYSICAL PROPERTIES
- . . **THERMAL CONDUCTIVITY**
- TRANSPORT PROPERTIES
- . **THERMAL CONDUCTIVITY**
- RT AIR CONDUCTIVITY
- ATMOSPHERIC CONDUCTIVITY
- CONDUCTIVE HEAT TRANSFER
- ∞ CONDUCTIVITY
- FOURIER LAW
- HOT-WIRE FLOWMETERS
- LEWIS NUMBERS
- SPECIFIC HEAT
- TEMPERATURE
- THERMOHYDRAULICS

THERMAL CONDUCTIVITY GAGES

- SN (GAGES FOR MEASURING THERMAL CONDUCTIVITY--EXCLUDES GAGES USING THERMAL CONDUCTIVITY TO MEASURE OTHER PROPERTIES OR VARIABLES)
- GS MEASURING INSTRUMENTS
- . **THERMAL CONDUCTIVITY GAGES**
- RT TEMPERATURE

THERMAL CONDUCTORS

- GS CONDUCTORS
- . **THERMAL CONDUCTORS**
- RT ∞ CONDUCTION
- CONDUCTIVE HEAT TRANSFER
- ELECTRIC CONDUCTORS
- TEMPERATURE

THERMAL CONTROL COATINGS

- GS COATINGS
- . **THERMAL CONTROL COATINGS**
- RT ABLATIVE MATERIALS
- ∞ CONTROL
- HEAT SHIELDING
- REENTRY SHIELDING
- REUSABLE HEAT SHIELDING
- TEMPERATURE
- TEMPERATURE CONTROL

THERMAL CONVECTION

- USE FREE CONVECTION

THERMAL CURRENTS

- USE CONVECTIVE FLOW

THERMAL CYCLING TESTS

- RT CLOSED CYCLES
- COOLING
- ENVIRONMENTAL TESTS
- FATIGUE TESTS
- HEATING
- TEMPERATURE

THERMAL CYCLING TESTS--(cont.)
 TEMPERATURE CONTROL
 ∞ TESTS
 THERMODYNAMIC PROPERTIES

THERMAL DECOMPOSITION
 GS CHEMICAL REACTIONS
 . **THERMAL DECOMPOSITION**
 . . PYROLYSIS
 DECOMPOSITION
 . **THERMAL DECOMPOSITION**
 . . PYROLYSIS
 RT ABLATION
 ENDOTHERMIC REACTIONS
 EXOTHERMIC REACTIONS
 TEMPERATURE
 THERMOCHEMISTRY
 THERMOGRAVIMETRY

THERMAL DEFOCUSING
 USE THERMAL BLOOMING

THERMAL DEGRADATION
 GS DEGRADATION
 . **THERMAL DEGRADATION**
 RT PYROLYSIS
 STERILIZATION EFFECTS
 TEMPERATURE
 TEMPERATURE DEPENDENCE
 TEMPERATURE EFFECTS

THERMAL DIFFUSION
 GS DIFFUSION
 . **THERMAL DIFFUSION**
 THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **THERMAL DIFFUSION**
 RT CHAPMAN-ENSKOG THEORY
 ∞ CONDUCTION
 CONVECTIVE FLOW
 ELECTRON DIFFUSION
 GAS HEATING
 GASEOUS DIFFUSION
 HEAT TRANSFER
 KIRKENDALL EFFECT
 PECLET NUMBER
 ∞ SEPARATION
 SORET COEFFICIENT
 SURFACE DIFFUSION
 TEMPERATURE
 THERMOCHEMISTRY
 THERMOHYDRAULICS
 VISCOSITY

THERMAL DIFFUSIVITY
 GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **THERMAL DIFFUSIVITY**
 TRANSPORT PROPERTIES
 . **THERMAL DIFFUSIVITY**
 RT TEMPERATURE
 VISCOSITY

THERMAL DISSOCIATION
 GS CHEMICAL REACTIONS
 . **THERMAL DISSOCIATION**
 DISSOCIATION
 . **THERMAL DISSOCIATION**
 RT CRACKING (CHEMICAL ENGINEERING)
 DECOMPOSITION
 DEGRADATION
 GAS DISSOCIATION
 HEAT OF DISSOCIATION
 HYDROGEN PRODUCTION
 IONIZATION
 PLASMAS (PHYSICS)
 TEMPERATURE
 TEMPERATURE EFFECTS

THERMAL EFFECTS
 USE TEMPERATURE EFFECTS

THERMAL EFFICIENCY
 USE THERMODYNAMIC EFFICIENCY

THERMAL EMISSION
 GS EMISSION
 . **THERMAL EMISSION**
 . . THERMIONIC EMISSION
 RT ELECTRON EMISSION
 EMISSIVITY
 EXHAUST EMISSION
 INCANDESCENCE
 INFRARED ABSORPTION

THERMAL EMISSION--(cont.)
 TEMPERATURE

THERMAL ENERGY
 UF THERMAL AGITATION
 RT ∞ GENERATION
 ∞ ENERGY
 FREE ENERGY
 GEOTHERMAL ENERGY CONVERSION
 GEOTHERMAL RESOURCES
 HEAT
 HEAT OF FUSION
 HEAT OF SOLUTION
 INTERNAL ENERGY
 KINETIC ENERGY
 LATTICE VIBRATIONS
 PHOTOTHERMAL CONVERSION
 SOLAR THERMAL ELECTRIC POWER
 PLANTS
 TEMPERATURE

THERMAL ENERGY STORAGE
 USE HEAT STORAGE

THERMAL ENVIRONMENTS
 GS ENVIRONMENTS
 . **THERMAL ENVIRONMENTS**
 RT ADIABATIC CONDITIONS
 AEROSPACE ENVIRONMENTS
 HEAT STROKE
 HIGH TEMPERATURE ENVIRONMENTS
 LIFE SUPPORT SYSTEMS
 LOW TEMPERATURE ENVIRONMENTS
 LUNAR ENVIRONMENT
 PLANETARY ENVIRONMENTS
 SATELLITE TEMPERATURE
 SPACECRAFT ENVIRONMENTS
 TEMPERATURE
 THERMAL COMFORT

THERMAL EXPANSION
 GS EXPANSION
 . **THERMAL EXPANSION**
 THERMODYNAMIC PROPERTIES
 . **THERMAL EXPANSION**
 RT BOUSSINESQ APPROXIMATION
 DILATOMETRY
 EXTENSOMETERS
 GRUNEISEN CONSTANT
 HEAT TRANSFER
 HIGH TEMPERATURE TESTS
 LOW TEMPERATURE TESTS
 NEEL TEMPERATURE
 ∞ PHYSICAL PROPERTIES
 TEMPERATURE
 THERMAL BUCKLING
 THERMOPHYSICAL PROPERTIES
 WARPAGE

THERMAL FATIGUE
 UF HIGH TEMPERATURE FATIGUE
 GS FATIGUE (MATERIALS)
 . **THERMAL FATIGUE**
 RT HIGH TEMPERATURE ENVIRONMENTS
 METAL FATIGUE
 TEMPERATURE

THERMAL GRAVIMETRY
 USE THERMOGRAVIMETRY

THERMAL INSTABILITY
 GS THERMODYNAMIC PROPERTIES
 . **THERMAL INSTABILITY**
 RT CLEAR AIR TURBULENCE
 COMBUSTION STABILITY
 MAGNETOHYDRODYNAMIC STABILITY
 PYROLYSIS
 SPUTTERING
 STELLARATORS
 TEMPERATURE

THERMAL INSULATION
 GS INSULATION
 . **THERMAL INSULATION**
 RT AIR CONDITIONING
 AMBERLITE (TRADEMARK)
 ASBESTOS
 CORK (MATERIALS)
 CRYOGENIC FLUID STORAGE
 HEAT
 HEAT SHIELDING
 HEAT SINKS
 HEAT TRANSFER
 HEAT TRANSMISSION
 HEATING EQUIPMENT

THERMAL INSULATION--(cont.)
 REENTRY SHIELDING
 REFRACTORIES
 REFRACTORY COATINGS
 TEMPERATURE
 TEMPERATURE CONTROL
 TROMBE WALLS

THERMAL MAPPING
 GS MAPPING
 . **THERMAL MAPPING**
 RT AERIAL RECONNAISSANCE
 EARTH RESOURCES
 GEOTHERMAL ANOMALIES
 GEOTHERMAL RESOURCES
 HEAT CAPACITY MAPPING MISSION
 INFRARED RADIOMETERS
 INFRARED SCANNERS
 ISOTHERMAL LAYERS
 ISOTHERMS
 PHOTOMAPPING
 PLANETARY MAPPING
 TEMPERATURE
 TEMPERATURE DISTRIBUTION
 TEMPERATURE GRADIENTS
 THERMOGRAPHY

THERMAL NEUTRONS
 UF SLOW NEUTRONS
 GS NUCLEAR RADIATION
 . **THERMAL NEUTRONS**
 PARTICLES
 . ELEMENTARY PARTICLES
 . . FERMIONS
 . . . NEUTRONS
 . . . **THERMAL NEUTRONS**
 . NEUTRAL PARTICLES
 . . NEUTRONS
 . . . **THERMAL NEUTRONS**
 RT BARYONS
 FAST NEUTRONS
 NUCLEAR REACTORS
 TEMPERATURE
 THERMALIZATION (ENERGY
 ABSORPTION)

THERMAL NOISE
 GS ELASTIC WAVES
 . SOUND WAVES
 . . NOISE (SOUND)
 . . . **THERMAL NOISE**
 ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . WHITE NOISE
 . . . **THERMAL NOISE**
 RT CHANNEL NOISE
 ELECTROMAGNETIC NOISE
 MEASUREMENT
 NOISE TEMPERATURE
 SHOT NOISE
 TEMPERATURE

THERMAL PLASMAS
 GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 . . . **THERMAL PLASMAS**
 RT ELECTRON PLASMA
 HIGH TEMPERATURE PLASMAS
 PLASMA GENERATORS
 PLASMA TEMPERATURE
 TEMPERATURE

THERMAL POLLUTION
 GS POLLUTION
 . **THERMAL POLLUTION**
 RT BIOLOGICAL EFFECTS
 COASTAL ECOLOGY
 ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENTAL QUALITY
 ENVIRONMENTAL SURVEYS
 ENVIRONMENTS
 HEAT TRANSFER
 LAKES
 LIQUID COOLING
 MARINE BIOLOGY
 NUCLEAR REACTORS
 OCEAN TEMPERATURE
 OCEANS
 PLANKTON
 POLLUTION TRANSPORT
 SEAS

THERMAL POLLUTION--(cont.)

TEMPERATURE
WATER POLLUTION
WATER TEMPERATURE

THERMAL POWER

USE TURBOGENERATORS

THERMAL PROPERTIES

USE THERMODYNAMIC PROPERTIES

THERMAL PROTECTION

GS PROTECTION
RT . THERMAL PROTECTION
ABLATIVE MATERIALS
CARBON-CARBON COMPOSITES
HEAT SHIELDING
LUDOX (TRADEMARK)
RADIATION PROTECTION
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
TEMPERATURE

THERMAL RADIATION

SN (EMITTED AS THE RESULT OF THERMAL
EXCITATION OF MOLECULES)
GS ELECTROMAGNETIC RADIATION
. THERMAL RADIATION
. . . BLACK BODY RADIATION
. . . PHONON BEAMS
RT CONCENTRATORS
GREENHOUSE EFFECT
HEAT
INFRARED RADIATION
LIGHT (VISIBLE RADIATION)
NEAR INFRARED RADIATION
NONGRAY GAS
NONTHERMAL RADIATION
PLANCKS CONSTANT
PLANETARY RADIATION
∞ RADIATION
RADIO WAVES
SKY RADIATION
SOLAR RADIATION
SUNLIGHT
TEMPERATURE
THERMODYNAMIC PROPERTIES
ULTRAVIOLET RADIATION

THERMAL REACTORS

GS NUCLEAR REACTORS
. THERMAL REACTORS
RT ∞ REACTORS
TEMPERATURE

THERMAL RESISTANCE

UF HEAT RESISTANCE
GS MECHANICAL PROPERTIES
. THERMAL RESISTANCE
RT CARBON-CARBON COMPOSITES
∞ HIGH RESISTANCE
HIGH TEMPERATURE LUBRICANTS
HIGH TEMPERATURE TESTS
∞ LOW RESISTANCE
OXIDATION
OXIDATION RESISTANCE
∞ RESISTANCE
SPECIFIC HEAT
TEMPERATURE
TEMPERATURE EFFECTS
THERMODYNAMIC PROPERTIES

THERMAL RESOURCES

GS HEAT SOURCES
. THERMAL RESOURCES
. . . GEOTHERMAL RESOURCES
. . . GEYSERS
RESOURCES
. EARTH RESOURCES
. . . THERMAL RESOURCES
. . . GEOTHERMAL RESOURCES
. . . GEYSERS
RT AGROMETEOROLOGY
ATMOSPHERIC TEMPERATURE
CROP GROWTH
CROP VIGOR
GEOTHERMAL TECHNOLOGY
RESOURCES MANAGEMENT
TEMPERATURE
TEMPERATURE DISTRIBUTION

THERMAL SHIELDING

USE HEAT SHIELDING

THERMAL SHOCK

RT COOLING
HEATING
HIGH TEMPERATURE TESTS
∞ SHOCK
SHOCK RESISTANCE
TEMPERATURE
TEMPERATURE DISTRIBUTION
THERMODYNAMIC PROPERTIES

THERMAL SIMULATION

GS SIMULATION
. ENVIRONMENT SIMULATION
. . . THERMAL SIMULATION
RT ALTITUDE SIMULATION
SOLAR SIMULATION
SPACE ENVIRONMENT SIMULATION
TEMPERATURE

THERMAL SINKS

USE HEAT SINKS

THERMAL STABILITY

UF THERMOSTABILITY
GS STABILITY
. THERMAL STABILITY
THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. . . THERMAL STABILITY
RT DIMENSIONAL STABILITY
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
STORAGE STABILITY
SURFACE STABILITY
TEMPERATURE
TEMPERATURE DEPENDENCE

THERMAL STRESSES

SN (EXCLUDES BIOLOGICAL STRESSES)
GS STRESSES
. THERMAL STRESSES
RT COOLING
FATIGUE (MATERIALS)
HEATING
TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE EFFECTS

THERMAL VACUUM TESTS

GS VACUUM TESTS
. THERMAL VACUUM TESTS
RT ENVIRONMENTAL TESTS
HIGH ALTITUDE ENVIRONMENTS
TEMPERATURE
TEST CHAMBERS
∞ TESTS
VACUUM CHAMBERS

THERMALIZATION (ENERGY ABSORPTION)

GS ENERGY ABSORPTION
. MODERATION (ENERGY ABSORPTION)
. . . THERMALIZATION (ENERGY
ABSORPTION)
. . . NEUTRON THERMALIZATION
RT THERMAL NEUTRONS

THERMIONS

GS ELECTRON TUBES
. CAMERA TUBES
. . . VIDICONS
. . . RETURN BEAM VIDICONS
. . . . THERMIONS
. IMAGE TUBES
. . . THERMIONS
OPTICAL EQUIPMENT
. IMAGE CONVERTERS
. . . IMAGE TUBES
. . . THERMIONS

THERMIONIC CATHODES

GS ELECTRODES
. CATHODES
. . . TUBE CATHODES
. . . THERMIONIC CATHODES
EMITTERS
RT . THERMIONIC CATHODES
HOT CATHODES

THERMIONIC CONVERSION SYSTEMS

USE THERMIONIC POWER GENERATION

THERMIONIC CONVERTERS

GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS

THERMIONIC CONVERTERS--(cont.)

. . . THERMIONIC CONVERTERS
. . . SNAP 13
RT . . . SOLAR BLANKETS
CESIUM DIODES
CESIUM PLASMA
∞ CONVERTERS
FUEL CELLS
ION PRODUCTION RATES
MAGNETOHYDRODYNAMIC GENERATORS
PLASMA POWER SOURCES
RADIOISOTOPE BATTERIES
SNAP
SOLAR CELLS
THERMOELECTRIC GENERATORS

THERMIONIC DIODES

GS ELECTRON TUBES
. THERMIONIC DIODES
. . . CESIUM DIODES
ELECTRONIC EQUIPMENT
. DIODES
. . . THERMIONIC DIODES
. . . CESIUM DIODES
RT CHILD-LANGMUIR LAW
PERVEANCE
SEMICONDUCTOR DIODES

THERMIONIC EMISSION

UF RICHARDSON-DUSHMAN EQUATION
GS EMISSION
. PARTICLE EMISSION
. . . THERMIONIC EMISSION
. . . THERMAL EMISSION
RT . . . THERMIONIC EMISSION
ELECTRON EMISSION
ION EMISSION
THERMOELECTRICITY
WORK FUNCTIONS

THERMIONIC EMITTERS

GS EMITTERS
THERMIONIC EMITTERS

THERMIONIC POWER GENERATION

UF THERMIONIC CONVERSION SYSTEMS
RT ∞ CONVERSION
SNAP
SNAP 13

THERMIONIC REACTORS

USE ION ENGINES
NUCLEAR ROCKET ENGINES

THERMIONICS

RT CATHODES
ELECTRON EMISSION
∞ ELECTRONICS
ION EMISSION

THERMISTORS

GS ATTENUATORS
. RESISTORS
. . . THERMISTORS
ELECTRONIC EQUIPMENT
. SOLID STATE DEVICES
. . . SEMICONDUCTOR DEVICES
. . . THERMISTORS
TEMPERATURE SENSORS
RT . THERMISTORS
RADIOMETERS
TEMPERATURE MEASURING
INSTRUMENTS
VARISTORS

THERMITES

RT ALUMINUM OXIDES
AUGER SPECTROSCOPY
BARIUM ION CLOUDS
COPPER OXIDES
IGNITION TEMPERATURE
PYROTECHNICS

THERMOBALANCES

GS MEASURING INSTRUMENTS
. INDICATING INSTRUMENTS
. . . WEIGHT INDICATORS
. . . THERMOBALANCES
RT THERMOGRAVIMETRY

THERMOCHEMICAL PROPERTIES

GS CHEMICAL PROPERTIES
. THERMOCHEMICAL PROPERTIES
. . . HEAT OF COMBUSTION

THERMOCHEMICAL PROPERTIES--(cont.)

.. HEAT OF DISSOCIATION
 .. HEAT OF FORMATION
 .. HEAT OF SOLUTION
 .. LATENT HEAT
 .. HEAT OF FUSION
 .. HEAT OF VAPORIZATION
 THERMODYNAMIC PROPERTIES
 .. THERMOCHEMICAL PROPERTIES
 .. HEAT OF COMBUSTION
 .. HEAT OF DISSOCIATION
 .. HEAT OF FORMATION
 .. HEAT OF SOLUTION
 .. LATENT HEAT
 .. HEAT OF FUSION
 .. HEAT OF VAPORIZATION

RT HEAT BALANCE
 ∞ PROPERTIES

THERMOCHEMISTRY

GS THERMOCHEMISTRY
 .. AEROTHERMOCHEMISTRY
 .. COMBUSTION CHEMISTRY
 RT CHEMICAL ENGINEERING
 CHEMICAL REACTIONS
 ∞ CHEMISTRY
 COMBUSTION PHYSICS
 ENTHALPY
 ENTROPY
 HEAT
 HEAT BALANCE
 HEAT OF DISSOCIATION
 HEAT OF FUSION
 HEAT OF SOLUTION
 HEAT TREATMENT
 PHYSICAL CHEMISTRY
 PROPELLANT CHEMISTRY
 PYROMETALLURGY
 THERMAL DECOMPOSITION
 THERMAL DIFFUSION
 THERMODYNAMIC PROPERTIES
 THERMODYNAMICS
 THERMOGRAVIMETRY
 THERMOPHYSICAL PROPERTIES
 WATER SPLITTING

THERMOCHROMATIC MATERIALS

RT COLOR
 COLORIMETRY
 ∞ INORGANIC MATERIALS
 ∞ MATERIALS
 OPTICAL PROPERTIES
 ORGANIC MATERIALS
 SOLIDS

THERMOCLINES

GS GRADIENTS
 .. TEMPERATURE GRADIENTS
 .. THERMOCLINES
 RT OCEANOGRAPHY
 SEA WATER
 SOUND TRANSMISSION
 STRATIFICATION
 SURFACE LAYERS
 SURFACE TEMPERATURE
 UNDERWATER ACOUSTICS

THERMOCOUPLE PYROMETERS

GS MEASURING INSTRUMENTS
 .. TEMPERATURE MEASURING INSTRUMENTS
 .. PYROMETERS
 .. THERMOCOUPLE PYROMETERS
 RT GALVANOMETERS
 POTENTIOMETERS (INSTRUMENTS)
 RADIATION PYROMETERS
 RESISTANCE THERMOMETERS
 TEMPERATURE MEASUREMENT
 THERMOCOUPLES
 THERMOELEMENT AMMETERS

THERMOCOUPLES

GS THERMOCOUPLES
 .. THERMOPILES
 RT CONSTANTAN
 INDICATING INSTRUMENTS
 MANGANIN (TRADEMARK)
 PELTIER EFFECTS
 POTENTIOMETERS (INSTRUMENTS)
 SEEBECK EFFECT
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING INSTRUMENTS
 TEMPERATURE PROBES
 THERMOCOUPLE PYROMETERS

THERMOCOUPLES--(cont.)

THERMOELECTRIC GENERATORS
 THERMOELECTRICITY

THERMODYNAMIC COUPLING

GS COUPLING
 .. THERMODYNAMIC COUPLING
 RT BCS THEORY
 ELECTRON PHONON INTERACTIONS
 SUPERCONDUCTORS

THERMODYNAMIC CYCLES

GS CYCLES
 .. THERMODYNAMIC CYCLES
 .. BRAYTON CYCLE
 .. CARNOT CYCLE
 .. OTTO CYCLE
 .. RANKINE CYCLE
 .. STIRLING CYCLE
 RT ADIABATIC CONDITIONS
 CLOSED CYCLES
 HEAT ENGINES
 INTERNAL COMBUSTION ENGINES
 LASER PROPULSION
 ∞ STROKES
 THERMODYNAMICS

THERMODYNAMIC EFFICIENCY

UF THERMAL EFFICIENCY
 GS EFFICIENCY
 .. THERMODYNAMIC EFFICIENCY
 RT COMBUSTION EFFICIENCY
 COMPRESSOR EFFICIENCY
 ENGINES
 HEAT SOURCES
 INTERNAL COMBUSTION ENGINES
 NOZZLE EFFICIENCY
 POWER EFFICIENCY
 PROPULSION SYSTEM PERFORMANCE
 PROPULSIVE EFFICIENCY
 SPECIFIC IMPULSE
 TEMPERATURE
 THERMODYNAMICS

THERMODYNAMIC EQUILIBRIUM

RT ACID BASE EQUILIBRIUM
 ADIABATIC CONDITIONS
 CHEMICAL EQUILIBRIUM
 ∞ EQUILIBRIUM
 HEAT OF DISSOCIATION
 ISENTROPIC PROCESSES
 ISOCHORIC PROCESSES
 ISOENERGETIC PROCESSES
 ISOTHERMAL PROCESSES
 LIQUID-VAPOR EQUILIBRIUM
 LOCAL THERMODYNAMIC EQUILIBRIUM
 STATISTICAL MECHANICS

THERMODYNAMIC PROPERTIES

UF THERMAL PROPERTIES
 GS THERMODYNAMIC PROPERTIES
 .. ENTHALPY
 .. GIBBS FREE ENERGY
 .. HEAT OF DISSOCIATION
 .. HEAT OF FORMATION
 .. HEAT OF SOLUTION
 .. LATENT HEAT
 .. HEAT OF FUSION
 .. HEAT OF VAPORIZATION
 .. ENTROPY
 .. FREE ENERGY
 .. GIBBS FREE ENERGY
 .. SURFACE ENERGY
 .. THERMAL EXPANSION
 .. THERMAL INSTABILITY
 .. THERMOCHEMICAL PROPERTIES
 .. HEAT OF COMBUSTION
 .. HEAT OF DISSOCIATION
 .. HEAT OF FORMATION
 .. HEAT OF SOLUTION
 .. LATENT HEAT
 .. HEAT OF FUSION
 .. HEAT OF VAPORIZATION
 .. THERMOPHYSICAL PROPERTIES
 .. CRITICAL POINT
 .. CRITICAL PRESSURE
 .. CRITICAL TEMPERATURE
 .. EMISSIVITY
 .. FUSIBILITY
 .. HEAT OF SOLUTION
 .. LATENT HEAT
 .. HEAT OF FUSION
 .. HEAT OF VAPORIZATION
 .. MELTING POINTS
 .. PYROELECTRICITY

THERMODYNAMIC PROPERTIES--(cont.)

.. SPECIFIC HEAT
 .. SUPERCRITICAL PRESSURES
 .. THERMAL CONDUCTIVITY
 .. THERMAL DIFFUSION
 .. THERMAL DIFFUSIVITY
 .. THERMAL STABILITY
 .. VAPOR PRESSURE
 .. VOLATILITY
 RT CHEMICAL PROPERTIES
 DIFFUSIVITY
 EMITTANCE
 ∞ EQUILIBRIUM
 HEAT
 HEAT BALANCE
 HIGH TEMPERATURE TESTS
 JOULE-THOMSON EFFECT
 OPTICAL PROPERTIES
 ∞ PHYSICAL PROPERTIES
 PRANDTL NUMBER
 PROPELLANT PROPERTIES
 ∞ PROPERTIES
 SEEBECK EFFECT
 SOLUBILITY
 TEMPERATURE
 TEPHIGRAMS
 THERMAL CYCLING TESTS
 THERMAL RADIATION
 THERMAL RESISTANCE
 THERMAL SHOCK
 THERMOCHEMISTRY
 THERMODYNAMICS
 THERMOLUMINESCENCE
 ZERO POINT ENERGY

THERMODYNAMICS

UF HEAT EQUATIONS
 THERMOMECHANICS
 THERMOPHYSICS
 GS THERMODYNAMICS
 .. AEROTHERMODYNAMICS
 .. COMBUSTION PHYSICS
 .. NONEQUILIBRIUM THERMODYNAMICS
 RT AERODYNAMICS
 ∞ DYNAMICS
 ENGINES
 ENTHALPY
 ENTROPY
 ∞ EQUATIONS
 EQUATIONS OF STATE
 ∞ EQUILIBRIUM
 ERGODIC PROCESS
 FLUID MECHANICS
 FREE ENERGY
 GAS DYNAMICS
 HEAT
 HEAT OF FUSION
 HEAT OF SOLUTION
 HEAT TRANSFER
 INTERNAL ENERGY
 IRREVERSIBLE PROCESSES
 ISOTHERMS
 JOULE-THOMSON EFFECT
 KIRCHHOFF LAW OF RADIATION
 MECHANICAL ENGINEERING
 MOLECULAR RELAXATION
 MOLLIER DIAGRAM
 NONADIABATIC CONDITIONS
 NONGRAY GAS
 NONISOTHERMAL PROCESSES
 ONSAGER RELATIONSHIP
 ∞ PATHS
 PFAFF EQUATION
 PHOTOTHERMAL CONVERSION
 PHYSICAL CHEMISTRY
 PLASMA PHYSICS
 PLASMAS (PHYSICS)
 POLYTROPIC PROCESSES
 RANKINE CYCLE
 RAYLEIGH EQUATIONS
 STEAM
 THERMOCHEMISTRY
 THERMODYNAMIC CYCLES
 THERMODYNAMIC EFFICIENCY
 THERMODYNAMIC PROPERTIES
 THERMOELECTRIC COOLING
 UNSTEADY STATE

THERMOELASTICITY

GS MECHANICAL PROPERTIES
 .. ELASTIC PROPERTIES
 .. THERMOELASTICITY
 .. AEROTHERMOELASTICITY
 RT AEROELASTICITY
 AEROTHERMODYNAMICS

THERMOELASTICITY--(cont.)

HYDROELASTICITY
THERMOELECTRIC GENERATORS
THERMOELECTRIC MATERIALS

THERMOELECTRIC CONVERSION SYSTEMS

USE THERMOELECTRIC POWER GENERATION

THERMOELECTRIC COOLING

UF ETTINGSHAUSEN COOLERS
GS COOLING

. THERMOELECTRIC COOLING

RT CRYOGENICS
ETTINGSHAUSEN EFFECT
HEAT PUMPS
PELTIER EFFECTS
REFRIGERATING
REFRIGERATING MACHINERY
THERMODYNAMICS
THERMOELECTRICITY
THERMOMAGNETIC COOLING

THERMOELECTRIC GENERATORS

GS ELECTRIC GENERATORS
. DIRECT POWER GENERATORS
. THERMOELECTRIC GENERATORS

... SNAP 3
... SNAP 7
... SNAP 9A
... SNAP 10A
... SNAP 11
... SNAP 15
... SNAP 17
... SNAP 19
... SNAP 21
... SNAP 23
... SNAP 27
... SNAP 29

RT ... SOLAR SEA POWER PLANTS

ASTEC SOLAR TURBOELECTRIC GENERATOR

FUEL CELLS

∞ GENERATORS

MAGNETOHYDRODYNAMIC GENERATORS

NUCLEAR AUXILIARY POWER UNITS

PHOTOELECTRIC GENERATORS

RADIOISOTOPE BATTERIES

SNAP

SOLAR CELLS

SOLAR GENERATORS

SPACE STATION POWER SUPPLIES

THERMIONIC CONVERTERS

THERMOCOUPLES

THERMOELASTICITY

THERMOELECTRICITY

THERMOELECTRIC MATERIALS

RT ∞ MATERIALS
SEMICONDUCTORS (MATERIALS)
THERMOELASTICITY
THERMOELECTRICITY

THERMOELECTRIC OUTER PLANET SPACECRAFT

USE TOPS (SPACECRAFT)

THERMOELECTRIC POWER GENERATION

UF THERMOELECTRIC CONVERSION

SYSTEMS

RT ∞ CONVERSION

NUCLEAR AUXILIARY POWER UNITS

SNAP

THERMOELECTRICITY

THERMOELECTRIC SPACECRAFT

USE TOPS (SPACECRAFT)

THERMOELECTRICITY

UF THOMSON EFFECT

RT ETTINGSHAUSEN EFFECT

PELTIER EFFECTS

SEEBECK EFFECT

THERMIONIC EMISSION

THERMOCOUPLES

THERMOELECTRIC COOLING

THERMOELECTRIC GENERATORS

THERMOELECTRIC MATERIALS

THERMOELECTRIC POWER GENERATION

THERMOPILES

TRANSPORT PROPERTIES

THERMOELEMENT AMMETERS

GS MEASURING INSTRUMENTS

. AMMETERS

. THERMOELEMENT AMMETERS

THERMOELEMENT AMMETERS--(cont.)

RT THERMOCOUPLE PYROMETERS

THERMOGRAMS

USE RECORDING INSTRUMENTS
TEMPERATURE MEASURING INSTRUMENTS

THERMOGRAPHY

RT INFRARED IMAGERY
NONDESTRUCTIVE TESTS
TEMPERATURE DISTRIBUTION
TEMPERATURE MEASUREMENT
THERMAL MAPPING

THERMOGRAVIMETRY

UF THERMAL GRAVIMETRY
RT CHEMICAL ANALYSIS
DEHYDRATION
PYROLYSIS
TEMPERATURE EFFECTS
THERMAL DECOMPOSITION
THERMOBALANCES
THERMOCHEMISTRY

THERMOHYDRAULICS

RT CONVECTIVE HEAT TRANSFER
FLUID DYNAMICS
FLUID FLOW
HEAT TRANSMISSION
∞ HYDRAULICS
HYDRODYNAMICS
LAMINAR HEAT TRANSFER
RADIATIVE HEAT TRANSFER
THERMAL CONDUCTIVITY
THERMAL DIFFUSION
TURBULENT HEAT TRANSFER

THERMOLUMINESCENCE

GS EMISSION
. LIGHT EMISSION
. LUMINESCENCE
. THERMOLUMINESCENCE
RT TEMPERATURE EFFECTS
THERMODYNAMIC PROPERTIES

THERMOMAGNADYNAMICS

USE THERMOMAGNETIC EFFECTS

THERMOMAGNETIC COOLING

UF NERNST GENERATORS
GS COOLING
. THERMOMAGNETIC COOLING
RT CRYOGENICS
ETTINGSHAUSEN EFFECT
THERMOELECTRIC COOLING

THERMOMAGNETIC EFFECTS

UF THERMOMAGNADYNAMICS
THERMOMAGNETISM
GS MAGNETIC PROPERTIES
. THERMOMAGNETIC EFFECTS
RT ∞ EFFECTS
ETTINGSHAUSEN EFFECT
NERNST-ETTINGSHAUSEN EFFECT

THERMOMAGNETISM

USE THERMOMAGNETIC EFFECTS

THERMOMECHANICAL TREATMENT

GS THERMOMECHANICAL TREATMENT
. HOT PRESSING
. HOT ISOSTATIC PRESSING
RT HEAT AFFECTED ZONE
HEAT TREATMENT
∞ METALLURGY
MICROSTRUCTURE
PLASTIC DEFORMATION
QUENCHING (COOLING)
∞ TREATMENT

THERMOMECHANICS

USE THERMODYNAMICS

THERMOMETERS

GS MEASURING INSTRUMENTS
. TEMPERATURE MEASURING INSTRUMENTS
. THERMOMETERS
. RESISTANCE THERMOMETERS
RT TEMPERATURE CONTROL
TEMPERATURE MEASUREMENT
TEMPERATURE SCALES

THERMOMETRY

USE TEMPERATURE MEASUREMENT

THERMOMIGRATION

RT ELECTROMIGRATION
HEAT TRANSFER
TEMPERATURE GRADIENTS

THERMONUCLEAR ENERGY

USE THERMONUCLEAR POWER GENERATION

THERMONUCLEAR EXPLOSIONS

GS EXPLOSIONS
. NUCLEAR EXPLOSIONS
. THERMONUCLEAR EXPLOSIONS
RT AERIAL EXPLOSIONS
ARGUS PROJECT
FISSION WEAPONS
NUCLEAR DEVICES
NUCLEAR VULNERABILITY
UNDERGROUND EXPLOSIONS
UNDERWATER EXPLOSIONS

THERMONUCLEAR POWER GENERATION

UF THERMONUCLEAR ENERGY
GS NUCLEAR ELECTRIC POWER GENERATION
. THERMONUCLEAR POWER GENERATION
RT ASTRON THERMONUCLEAR REACTOR
CONTROLLED FUSION
ELECTRIC GENERATORS
∞ ENERGY
PINCH EFFECT
PLASMA GENERATORS
STELLARATORS
ZETA THERMONUCLEAR REACTOR

THERMONUCLEAR PROPULSION

USE NUCLEAR PROPULSION

THERMONUCLEAR REACTIONS

GS NUCLEAR REACTIONS
. THERMONUCLEAR REACTIONS
. NUCLEAR FUSION
. CONTROLLED FUSION
RT ASTRON THERMONUCLEAR REACTOR
HIGH ENERGY INTERACTIONS
MAGNETOHYDRODYNAMICS
PINCH EFFECT
PLASMAS (PHYSICS)
PROTON-PROTON REACTIONS
RADIOACTIVE DECAY
SCYLLA
STELLARATORS
ZETA THERMONUCLEAR REACTOR

THERMOPHILES

RT ALGAE
FUNGI
MESOPHILES
PSYCHROPHILES

THERMOPHILIC PLANTS

GS PLANTS (BOTANY)
. THERMOPHILIC PLANTS
. BLUE GREEN ALGAE
. NOSTOC
RT ALGAE

THERMOPHORESIS

RT AEROSOLS
DEPOSITION
DIFFUSION
PARTICLE DIFFUSION
PARTICLE MOTION
PARTICLE SIZE DISTRIBUTION
∞ SEPARATION
TEMPERATURE EFFECTS
TEMPERATURE GRADIENTS

THERMOPHYSICAL PROPERTIES

GS THERMODYNAMIC PROPERTIES
. THERMOPHYSICAL PROPERTIES
. CRITICAL POINT
. CRITICAL PRESSURE
. CRITICAL TEMPERATURE
. EMISSIVITY
. FUSIBILITY
. HEAT OF SOLUTION
. LATENT HEAT
. HEAT OF FUSION
. HEAT OF VAPORIZATION
. MELTING POINTS

THERMOPHYSICAL PROPERTIES--(cont.)

.. PYROELECTRICITY
 .. SPECIFIC HEAT
 .. SUPERCRITICAL PRESSURES
 .. THERMAL CONDUCTIVITY
 .. THERMAL DIFFUSION
 .. THERMAL DIFFUSIVITY
 .. THERMAL STABILITY
 .. VAPOR PRESSURE
 .. VOLATILITY
 RT PELTIER EFFECTS
 ∞ PROPERTIES
 SEEBECK EFFECT
 SURFACE ENERGY
 THERMAL EXPANSION
 THERMOCHEMISTRY

THERMOPHYSICS

USE THERMODYNAMICS

THERMOPILES

GS THERMOCOUPLES
 . THERMOPILES
 TRANSDUCERS
 . THERMOPILES
 RT DICKE RADIOMETERS
 INDICATING INSTRUMENTS
 TEMPERATURE MEASURING
 INSTRUMENTS
 THERMOELECTRICITY

THERMOPLASTIC FILMS

GS PLASTICS
 . SYNTHETIC RESINS
 .. THERMOPLASTIC RESINS
 ... THERMOPLASTIC FILMS
 RESINS
 . SYNTHETIC RESINS
 .. THERMOPLASTIC RESINS
 ... THERMOPLASTIC FILMS
 RT ∞ FILMS

THERMOPLASTIC RESINS

GS PLASTICS
 . SYNTHETIC RESINS
 .. THERMOPLASTIC RESINS
 ... PEEK
 ... QUINOXALINES
 ... THERMOPLASTIC FILMS
 RESINS
 . SYNTHETIC RESINS
 .. THERMOPLASTIC RESINS
 ... PEEK
 ... QUINOXALINES
 ... THERMOPLASTIC FILMS
 RT ACRYLIC RESINS
 GLASS FIBER REINFORCED PLASTICS
 POLYETHYLENES
 POLYMER BLENDS
 POLYSTYRENE
 THERMOPLASTICITY
 THERMOSETTING RESINS
 VULCANIZED ELASTOMERS

THERMOPLASTICITY

GS MECHANICAL PROPERTIES
 . PLASTIC PROPERTIES
 .. THERMOPLASTICITY
 RT BOUGUER LAW
 TEMPERATURE EFFECTS
 THERMOPLASTIC RESINS

THERMORECEPTORS

GS ANATOMY
 . SENSE ORGANS
 .. THERMORECEPTORS
 RECEPTORS (PHYSIOLOGY)
 . THERMORECEPTORS
 RT BODY TEMPERATURE
 SENSITOMETRY
 SKIN (ANATOMY)
 THERMOREGULATION

THERMOREGULATION

UF BODY TEMPERATURE REGULATION
 RT BODY TEMPERATURE
 COLD TOLERANCE
 HIBERNATION
 HOMEOSTASIS
 HYPERTHERMIA
 HYPOTHERMIA
 METABOLISM
 PHYSIOLOGY
 REGULATORY MECHANISMS (BIOLOGY)
 TEMPERATURE CONTROL

THERMOREGULATION--(cont.)

THERMORECEPTORS

THERMOSETTING RESINS

GS PLASTICS
 . SYNTHETIC RESINS
 .. THERMOSETTING RESINS
 ... EPOXY RESINS
 ... PHENOLIC EPOXY RESINS
 ... FURAN RESINS
 ... POLYAMIDE RESINS
 ... KEVLAR (TRADEMARK)
 ... PHENOLIC RESINS
 ... MICARTA
 ... PHENOLIC EPOXY RESINS
 RESINS
 . SYNTHETIC RESINS
 .. THERMOSETTING RESINS
 ... EPOXY RESINS
 ... PHENOLIC EPOXY RESINS
 ... FURAN RESINS
 ... POLYAMIDE RESINS
 ... KEVLAR (TRADEMARK)
 ... PHENOLIC RESINS
 ... MICARTA
 ... PHENOLIC EPOXY RESINS
 RT BAKELITE (TRADEMARK)
 COMPOSITE MATERIALS
 FORMICA
 GLASS FIBER REINFORCED PLASTICS
 LAMINATES
 POLYESTER RESINS
 REINFORCED PLASTICS
 SILICONE RESINS
 THERMOPLASTIC RESINS

THERMOSIPHONS

GS REGENERATORS
 . THERMOSIPHONS
 RT CONVECTIVE HEAT TRANSFER
 FREE CONVECTION
 ∞ RADIATORS
 SIPHONING

THERMOSPHERE

SN (ALTITUDES ABOVE APPROXIMATELY 80
 KM)
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 .. THERMOSPHERE
 ... TURBOPAUSE
 RT CHEMOSPHERE
 EARTH IONOSPHERE
 EARTH MAGNETOSPHERE
 EXOSPHERE
 HETEROSPHERE
 HOMOSPHERE

THERMOSTABILITY

USE THERMAL STABILITY

THERMOSTATS

GS CONTROL EQUIPMENT
 . THERMOSTATS
 REGULATORS
 . THERMOSTATS
 SWITCHES
 . ELECTRIC SWITCHES
 .. THERMOSTATS
 RT AUTOMATIC CONTROL
 CONTROLLERS
 CRYOSTATS
 TEMPERATURE CONTROL
 TEMPERATURE MEASURING
 INSTRUMENTS

THERMOTROPISM

USE ANISOTROPY
 TEMPERATURE EFFECTS

THERMOVISCOELASTICITY

GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . VISCOELASTICITY
 ... THERMOVISCOELASTICITY
 RT IRREVERSIBLE PROCESSES
 STRESS-STRAIN-TIME RELATIONS

THESAURI

RT INDEXES (DOCUMENTATION)
 INFORMATION RETRIEVAL
 KWIC INDEXES
 NOMENCLATURES
 SPACE GLOSSARIES
 TERMINOLOGY

THESAURI--(cont.)

TERMS
 WORDS (LANGUAGE)

THESES

GS DOCUMENTS
 . THESES
 RT HYPOTHESES

THETA PINCH

GS PINCH EFFECT
 . PLASMA PINCH
 .. THETA PINCH
 RT LASER PLASMA INTERACTIONS
 PLASMA COMPRESSION
 ROTATING PLASMAS
 SCREW PINCH
 ZETA PINCH

THIAMINE

UF VITAMIN B
 GS ORGANIC COMPOUNDS
 . COENZYMES
 .. THIAMINE
 . CYCLIC COMPOUNDS
 . HETEROCYCLIC COMPOUNDS
 ... THIAMINE
 VITAMINS
 . THIAMINE

THIAZINE (TRADEMARK)

GS DYES
 . THIAZINE (TRADEMARK)
 NITROGEN COMPOUNDS
 . THIAZINE (TRADEMARK)
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . HETEROCYCLIC COMPOUNDS
 ... THIAZINE (TRADEMARK)
 SULFUR COMPOUNDS
 . THIAZINE (TRADEMARK)

THICK FILMS

RT ELECTRONIC PACKAGING
 ∞ FILMS
 INTEGRATED CIRCUITS
 MICROMINIATURIZATION
 PRINTED CIRCUITS
 SEMICONDUCTING FILMS
 SUPERCONDUCTING FILMS
 THIN FILMS

THICK PLATES

RT FLAT PLATES
 METAL PLATES
 ∞ PLATES
 PLATES (STRUCTURAL MEMBERS)
 ∞ SHEETS
 THICKNESS
 THIN PLATES

THICK WALLS

GS WALLS
 . THICK WALLS
 RT BOILER PLATE
 BULKHEADS
 REINFORCEMENT (STRUCTURES)
 STRUCTURAL MEMBERS
 THIN WALLS
 WALL PRESSURE
 WALL TEMPERATURE

THICKENERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT THICKENERS (EQUIPMENT)
 THICKENERS (MATERIALS)

THICKENERS (EQUIPMENT)

GS SEPARATORS
 . CLASSIFIERS
 .. THICKENERS (EQUIPMENT)
 RT COALESCING
 PRECIPITATORS
 ∞ THICKENERS

THICKENERS (MATERIALS)

RT ADDITIVES
 GELS
 GREASES
 ∞ MATERIALS
 ∞ THICKENERS

THICKNESS

RT AIRFOIL PROFILES
DEPTH
DIAMETERS
DIMENSIONS
FILM THICKNESS
LENGTH
OPTICAL THICKNESS
SPACING
TARGET THICKNESS
THICK PLATES
THICKNESS RATIO
VOLUME

THICKNESS RATIO

GS RATIOS
THICKNESS RATIO
RT AIRFOIL PROFILES
AIRFOILS
FINENESS RATIO
THICKNESS
THIN AIRFOILS
THIN WINGS

THIGH

GS ANATOMY
THIGH
RT LEG (ANATOMY)

THIN AIRFOILS

GS AIRFOILS
THIN AIRFOILS
THIN WINGS
INFINITE SPAN WINGS
RT AIRFOIL PROFILES
THICKNESS RATIO

THIN BODIES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED—CONSULT THE TERMS
LISTED BELOW)*
RT SLENDER BODIES
THIN PLATES
THIN WALLS
THIN WINGS

THIN FILMS

SN (SOLID STATE PHYSICS AND
ELECTRONICS)
GS THIN FILMS
DIAMOND FILMS
ENERGY ABSORPTION FILMS
FERROMAGNETIC FILMS
MONOMOLECULAR FILMS
LANGMUIR-BLODGETT FILMS
RT AMORPHOUS SILICON
COATINGS
COMPUTER STORAGE DEVICES
ELECTROCHROMISM
ELECTRODE FILM BARRIERS
FILMS
HETEROJUNCTIONS
INTEGRATED CIRCUITS
INTEGRATED OPTICS
ION PLATING
METAL FILMS
MICROCHANNEL PLATES
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
OXIDE FILMS
PARAMETRONS
PELLICLE
PLATING
PRAETERSONIC DEVICES
RECTIFIERS
SEMICONDUCTING FILMS
SILICON FILMS
SOLID STATE DEVICES
SOLID STATE PHYSICS
SPUTTERING GAGES
SQUEEZE FILMS
SUPERCONDUCTING FILMS
THICK FILMS
WAFERS
YBCO SUPERCONDUCTORS

THIN LAYER CHROMATOGRAPHY

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
CHROMATOGRAPHY
THIN LAYER CHROMATOGRAPHY
RT GAS CHROMATOGRAPHY
MONOMOLECULAR FILMS

THIN PLATES

SN (EXCLUDES THIN SURFACE COATINGS
AND FILMS)
RT DIAPHRAGMS (MECHANICS)
FLAT PLATES
FOILS (MATERIALS)
METAL PLATES
PANELS
PARALLEL PLATES
PLATES
PLATES (STRUCTURAL MEMBERS)
SHEETS
THICK PLATES
THIN BODIES

THIN WALLED SHELLS

GS SHELLS (STRUCTURAL FORMS)
THIN WALLED SHELLS
RT CYLINDRICAL SHELLS
MEMBRANE STRUCTURES
METAL SHELLS
ORTHOTROPIC SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER)
SPHERICAL SHELLS
STRESSED-SKIN STRUCTURES
TOROIDAL SHELLS

THIN WALLS

GS WALLS
THIN WALLS
RT BULKHEADS
DIAPHRAGMS (MECHANICS)
PARTITIONS (STRUCTURES)
SKIN (STRUCTURAL MEMBER)
THICK WALLS
THIN BODIES

THIN WINGS

GS AIRFOILS
THIN AIRFOILS
THIN WINGS
INFINITE SPAN WINGS
WINGS
THIN WINGS
INFINITE SPAN WINGS
RT AIRFOIL PROFILES
FIXED WINGS
FLEXIBLE WINGS
THICKNESS RATIO
THIN BODIES
UNCAMBERED WINGS

THINNERS

USE SOLVENTS

THIOLS

UF DITHIOLS
MERCAPTAN
MERCAPTO COMPOUNDS
GS SULFUR COMPOUNDS
THIOLS
CYSTEINE
DIMERCAPROL
RT ALCOHOLS
CHEMICAL COMPOUNDS
PHENOLS

THIOPLASTICS

GS RUBBER
SYNTHETIC RUBBERS
ELASTOMERS
THIOPLASTICS
RT PLASTICS
SULFIDES

THIOUREAS

GS NITROGEN COMPOUNDS
AMIDES
UREAS
THIOUREAS

THIURONIUM

GS AMINES
THIURONIUM
NITROGEN COMPOUNDS
AMIDES
UREAS
THIURONIUM

THIXOTROPIC PROPELLANTS

USE GELLED ROCKET PROPELLANTS

THIXOTROPY

RT GELATION
GELS
LIQUEFACTION
NONNEWTONIAN FLOW
PHYSICAL PROPERTIES
SEMISOLIDS
SOLUBILITY
VISCOSITY

THOMAS-FERMI MODEL

UF THOMAS-FERMI THEORY
GS MODELS
MATHEMATICAL MODELS
THOMAS-FERMI MODEL
RT ATOMIC STRUCTURE
ELECTRON DISTRIBUTION
PLASMA COMPOSITION
QUANTUM STATISTICS

THOMAS-FERMI THEORY

USE THOMAS-FERMI MODEL

THOMSON EFFECT

USE THERMOELECTRICITY

THOMSON SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
THOMSON SCATTERING
RT ELECTROMAGNETIC RADIATION

THOR ABLE ROCKET VEHICLE

GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
THORAD LAUNCH VEHICLES
THOR ABLE ROCKET VEHICLE
RT EXPLORER 6 SATELLITE
LIQUID PROPELLANT ROCKET ENGINES
PIONEER 1 SPACE PROBE
PIONEER 5 SPACE PROBE
SOLID PROPELLANT ROCKET ENGINES
TIROS 1 SATELLITE

THOR AGENA LAUNCH VEHICLE

GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR AGENA LAUNCH VEHICLE
RT AGENA A ROCKET VEHICLE
AGENA B RANGER PROGRAM
AGENA ROCKET VEHICLES
DISCOVERER SATELLITES
EXPLORER 31 SATELLITE
EXPLORER 34 SATELLITE
EXPLORER 35 SATELLITE
EXPLORER 36 SATELLITE
LIQUID PROPELLANT ROCKET ENGINES
NIMBUS SATELLITES
NIMBUS 1 SATELLITE
NIMBUS 2 SATELLITE
OGO-3

THOR DELTA LAUNCH VEHICLE

UF ECHO 1 CARRIER ROCKET
GS LAUNCH VEHICLES
THOR LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES
MULTISTAGE ROCKET VEHICLES
THOR LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
THORAD LAUNCH VEHICLES
THOR DELTA LAUNCH VEHICLE
RT ARIEL SATELLITES
ECHO 1 SATELLITE
EXPLORER SATELLITES
LIQUID PROPELLANT ROCKET ENGINES

THOR DELTA LAUNCH VEHICLE--(cont.)

OSO
 RELAY SATELLITES
 SOLID PROPELLANT ROCKET ENGINES
 SYNCOM SATELLITES
 TELSTAR SATELLITES

THOR LAUNCH VEHICLES

GS LAUNCH VEHICLES
 . **THOR LAUNCH VEHICLES**
 . . THOR ABLE ROCKET VEHICLE
 . . THOR AGENA LAUNCH VEHICLE
 . . THOR DELTA LAUNCH VEHICLE
 ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **THOR LAUNCH VEHICLES**
 . . THOR ABLE ROCKET VEHICLE
 . . THOR AGENA LAUNCH VEHICLE
 . . THOR DELTA LAUNCH VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 THORAD LAUNCH VEHICLES
 ∞ VEHICLES

THORAD LAUNCH VEHICLES

GS LAUNCH VEHICLES
 . **THORAD LAUNCH VEHICLES**
 . . THOR ABLE ROCKET VEHICLE
 . . THOR AGENA LAUNCH VEHICLE
 . . THOR DELTA LAUNCH VEHICLE
 ROCKET VEHICLES
 . **THORAD LAUNCH VEHICLES**
 . . THOR ABLE ROCKET VEHICLE
 . . THOR AGENA LAUNCH VEHICLE
 . . THOR DELTA LAUNCH VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 THOR LAUNCH VEHICLES
 ∞ VEHICLES

THORAX

GS ANATOMY
 . **THORAX**
 RT CHEST
 DIAPHRAGM (ANATOMY)
 STERNUM
 VISCERA

THORIUM

GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . **THORIUM**
 . . THORIUM ISOTOPES
 METALS
 . ACTINIDE SERIES
 . **THORIUM**
 . . THORIUM ISOTOPES
 RT NUCLEAR FUELS

THORIUM ALLOYS

GS ALLOYS
 . **THORIUM ALLOYS**
 RT NUCLEAR FUELS

THORIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
 . **THORIUM COMPOUNDS**
 . . THORIUM FLUORIDES
 . . THORIUM OXIDES
 RT CERAMIC NUCLEAR FUELS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
 NUCLEAR FUELS

THORIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
 . THORIUM COMPOUNDS
 . **THORIUM FLUORIDES**
 HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . FLUORIDES
 . . METAL FLUORIDES
 . . . **THORIUM FLUORIDES**

THORIUM ISOTOPES

UF THORIUM 228
 THORIUM 230
 THORIUM 234
 GS CHEMICAL ELEMENTS
 . ACTINIDE SERIES
 . . THORIUM
 . . . **THORIUM ISOTOPES**
 . . NUCLIDES
 . . ISOTOPES
 . . . **THORIUM ISOTOPES**
 METALS

THORIUM ISOTOPES--(cont.)

. ACTINIDE SERIES
 . THORIUM
 . . **THORIUM ISOTOPES**

THORIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
 . THORIUM COMPOUNDS
 . **THORIUM OXIDES**
 CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **THORIUM OXIDES**
 RT DIOXIDES

THORIUM 228

USE THORIUM ISOTOPES

THORIUM 230

USE THORIUM ISOTOPES

THORIUM 234

USE THORIUM ISOTOPES

THORON

USE RADON ISOTOPES

THREADS

SN (EXCLUDES TEXTILES AND
 FILAMENTARY FORMS)
 RT BOLTS
 NUTS (FASTENERS)
 SCREWS

THREAT EVALUATION

RT AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 COLLISION AVOIDANCE
 MIDAIR COLLISIONS
 RADAR TRACKING
 WARNING SYSTEMS

THREE AXIS STABILIZATION

GS STABILIZATION
 . **THREE AXIS STABILIZATION**
 RT INERTIAL PLATFORMS
 SATELLITE ATTITUDE CONTROL
 SATELLITE ORIENTATION
 STABILIZED PLATFORMS

THREE BODY PROBLEM

RT CELESTIAL MECHANICS
 FOUR BODY PROBLEM
 MANY BODY PROBLEM
 ORBITS
 PERTURBATION
 ∞ PROBLEMS
 TRIPLE STARS
 TROJAN ORBITS
 TWO BODY PROBLEM

THREE DIMENSIONAL BODIES

RT AERODYNAMIC CONFIGURATIONS
 ∞ BODIES
 BOUNDARY VALUE PROBLEMS
 FLOW DISTRIBUTION

THREE DIMENSIONAL BOUNDARY LAYER

GS BOUNDARY LAYERS
 . **THREE DIMENSIONAL BOUNDARY LAYER**
 RT AXISYMMETRIC FLOW
 BOUNDARY LAYER TRANSITION
 COMPRESSIBLE BOUNDARY LAYER
 LAMINAR BOUNDARY LAYER
 ∞ LAYERS
 SECONDARY FLOW
 TURBULENT BOUNDARY LAYER
 VELOCITY DISTRIBUTION

THREE DIMENSIONAL COMPOSITES

GS COMPOSITE MATERIALS
 . **THREE DIMENSIONAL COMPOSITES**
 RT BRAIDED COMPOSITES
 FIBER COMPOSITES
 ∞ MATERIALS
 WOVEN COMPOSITES

THREE DIMENSIONAL FLOW

GS FLUID FLOW
 . PARALLEL FLOW
 . . **THREE DIMENSIONAL FLOW**
 TRANSLATIONAL MOTION
 . THREE DIMENSIONAL MOTION

THREE DIMENSIONAL FLOW--(cont.)

. **THREE DIMENSIONAL FLOW**
 . . KARMAN-BODEWADT FLOW
 . . . SECONDARY FLOW
 RT AXIAL FLOW
 CONICAL FLOW
 FLOW GEOMETRY
 HELICAL FLOW
 ONE DIMENSIONAL FLOW
 ROSKHO PREDICTION
 SPHERICAL WAVES
 TWO DIMENSIONAL FLOW
 WEDGE FLOW

THREE DIMENSIONAL MODELS

GS MODELS
 . **THREE DIMENSIONAL MODELS**
 RT COMPUTATIONAL GRIDS
 COMPUTER AIDED DESIGN
 COMPUTERIZED SIMULATION
 MATHEMATICAL MODELS
 TWO DIMENSIONAL MODELS

THREE DIMENSIONAL MOTION

GS TRANSLATIONAL MOTION
 . **THREE DIMENSIONAL MOTION**
 . . THREE DIMENSIONAL FLOW
 . . . KARMAN-BODEWADT FLOW
 . . . SECONDARY FLOW
 RT DEGREES OF FREEDOM
 OPTICAL FLOW (IMAGE ANALYSIS)

THRESHOLD CURRENTS

GS ELECTRIC CURRENT
 . **THRESHOLD CURRENTS**
 RT LASERS
 THRESHOLD VOLTAGE
 ∞ THRESHOLDS

THRESHOLD DETECTORS (DOSIMETERS)

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . RADIATION DETECTORS
 . . . DOSIMETERS
 **THRESHOLD DETECTORS (DOSIMETERS)**
 RT IONIZATION CHAMBERS
 ∞ THRESHOLDS

THRESHOLD GATES

GS CIRCUITS
 . DIGITAL ELECTRONICS
 . . LOGIC CIRCUITS
 . . . **THRESHOLD GATES**
 . GATES (CIRCUITS)
 . . **THRESHOLD GATES**
 RT ∞ THRESHOLDS
 TRIGGER CIRCUITS

THRESHOLD LOGIC

GS MATHEMATICAL LOGIC
 . SET THEORY
 . . **THRESHOLD LOGIC**
 RT GATES (CIRCUITS)
 ∞ LOGIC
 LOGIC CIRCUITS
 ∞ THRESHOLDS
 TRANSISTOR LOGIC
 TRIGGER CIRCUITS

THRESHOLD SHIFT

USE THRESHOLDS

THRESHOLD VOLTAGE

GS POTENTIAL ENERGY
 . ELECTRIC POTENTIAL
 . . **THRESHOLD VOLTAGE**
 RT PHOTOVOLTAGES
 PHOTOVOLTAIC EFFECT
 SEMICONDUCTOR JUNCTIONS
 SILICON JUNCTIONS
 SOLID STATE DEVICES
 THRESHOLD CURRENTS
 ∞ THRESHOLDS
 VOLT-AMPERE CHARACTERISTICS

∞ THRESHOLDS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 UF THRESHOLD SHIFT
 RT DOORS
 ENTRANCES
 NOISE THRESHOLD

THRESHOLDS--(cont.)

RESOLUTION
RESPONSES
SENSITIVITY
THRESHOLD CURRENTS
THRESHOLD DETECTORS (DOSIMETERS)
THRESHOLD GATES
THRESHOLD LOGIC
THRESHOLD VOLTAGE
THRESHOLDS (PERCEPTION)

THRESHOLDS (PERCEPTION)

RT ACUITY
ADAPTATION
AUDIOMETRY
AUDITORY PERCEPTION
AUDITORY SENSATION AREAS
AUDITORY STIMULI
CHRONAXY
∞ FREQUENCY RESPONSE
HEARING
LIGHT ADAPTATION
LIMEN
NEUROLOGY
PERCEPTION
PHOTOSENSITIVITY
SENSITIVITY
∞ THRESHOLDS
VISION
VISUAL PERCEPTION

THROATS

SN (NON BIOLOGICAL)
RT CARBURETORS
∞ CHANNELS
CHOKES (RESTRICTIONS)
DUCTS
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
ORIFICES

THROMBIN

GS BIOPOLYMERS
. PROTEINS
. ENZYMES
. . . **THROMBIN**
BODY FLUIDS
. BLOOD
. . . **THROMBIN**
ORGANIC COMPOUNDS
. PROTEINS
. ENZYMES
. . . **THROMBIN**
RT BLOOD COAGULATION
FIBRIN
FIBRINOGEN
HEMOSTATICS
PROTHROMBIN
THROMBOPLASTIN

THROMBOCYTES

RT BLOOD COAGULATION
CLOTTING

THROMBOPENIA

GS DISEASES
. **THROMBOPENIA**
RT COAGULATION

THROMBOPLASTIN

GS BODY FLUIDS
. BLOOD
. . . **THROMBOPLASTIN**
RT BLOOD COAGULATION
CLOTTING
HEMOSTATICS
HOMEOSTASIS
PLATELETS
THROMBIN

THROMBOSIS

GS DISEASES
. **THROMBOSIS**
RT BLOOD COAGULATION
INFARCTION
MYOCARDIAL INFARCTION

THROTTLING

RT JOULE-THOMSON EFFECT
VARIABLE THRUST

THROWING

RT EJECTION

THROWING--(cont.)

SPREADING

THRUST

UF THRUST POWER
GS **THRUST**
. HIGH THRUST
. JET THRUST
. LEADING EDGE THRUST
. LOW THRUST
. MICROTHRUST
. ROCKET THRUST
. RETROTHRUST
. STATIC THRUST
. VARIABLE THRUST
RT ACCELERATION (PHYSICS)
AUXILIARY PROPULSION
BURNING TIME
DUAL THRUST NOZZLES
∞ FORCE
JET ENGINES
NOZZLE THRUST COEFFICIENTS
∞ POWER
PROPULSION
∞ REACTION
ROCKET ENGINES
ROCKET PROPELLANTS
SPECIFIC IMPULSE

THRUST AUGMENTATION

GS AUGMENTATION
. **THRUST AUGMENTATION**
RT AFTERBURNING
COANDA EFFECT
HIGH THRUST
SECONDARY INJECTION
SHROUDED PROPELLERS
VARIABLE THRUST
WATER INJECTION

THRUST BEARINGS

GS BEARINGS
. **THRUST BEARINGS**
RT ANTIFRICTION BEARINGS
BALL BEARINGS
GAS BEARINGS
ROLLER BEARINGS

THRUST CHAMBER PRESSURE

GS PRESSURE
. **THRUST CHAMBER PRESSURE**

THRUST CHAMBERS

UF ROCKET CHAMBERS
RT ARC CHAMBERS
∞ CHAMBERS
COMBUSTION CHAMBERS
DIVERGENT NOZZLES
ROCKET ENGINE CASES

THRUST CONTROL

GS **THRUST CONTROL**
. THRUST VECTOR CONTROL
RT ATTITUDE CONTROL
∞ CONTROL
CONTROL ROCKETS
ENGINE CONTROL
JET CONTROL
∞ REACTION CONTROL
ROCKET ENGINE CONTROL
SATELLITE CONTROL
TURBOJET ENGINE CONTROL
VARIABLE THRUST

THRUST DISTRIBUTION

RT AERODYNAMIC FORCES
∞ DISTRIBUTION
FORCE DISTRIBUTION
LEADING EDGES
PRESSURE DISTRIBUTION
VORTICES
WING PLANFORMS

THRUST FAULTS

USE GEOLOGICAL FAULTS

THRUST LOADS

GS LOADS (FORCES)
. DYNAMIC LOADS
. . . **THRUST LOADS**
RT AERODYNAMIC LOADS
AXIAL COMPRESSION LOADS
AXIAL LOADS
COMPRESSION LOADS

THRUST LOADS--(cont.)

JET THRUST
ROCKET THRUST
STRUCTURAL DESIGN CRITERIA

THRUST MEASUREMENT

GS MECHANICAL MEASUREMENT
. **THRUST MEASUREMENT**
RT ACCELEROMETERS
DYNAMOMETERS
∞ FORCE
∞ MEASUREMENT

THRUST POWER

USE THRUST

THRUST PROGRAMMING

UF OPTIMUM THRUST PROGRAMMING
GS PROGRAMMING (SCHEDULING)
. **THRUST PROGRAMMING**
RT FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT PLANS
ORBITAL MECHANICS
PARKING ORBITS
PROPULSIVE EFFICIENCY
TRAJECTORY CONTROL

THRUST REVERSAL

RT AIRCRAFT BRAKES
BRAKES (FOR ARRESTING MOTION)
BRAKING
DECELERATION

THRUST TERMINATION

GS STOPPING
. **THRUST TERMINATION**
RT BURNOUT
ROCKET THRUST
STAGE SEPARATION
VARIABLE THRUST

THRUST VECTOR CONTROL

UF TVC (CONTROL)
GS ATTITUDE CONTROL
. DIRECTIONAL CONTROL
. . . **THRUST VECTOR CONTROL**
FLIGHT CONTROL
. **THRUST VECTOR CONTROL**
THRUST CONTROL
. **THRUST VECTOR CONTROL**
RT AIR SLEW MISSILES
AUTOMATIC CONTROL
AUTOMATIC FLIGHT CONTROL
∞ CONTROL
GUIDE VANES
GYROSTABILIZERS
JET VANES
LIQUID INJECTION
MANEUVERABLE SPACECRAFT
MISSILE CONTROL
NOZZLE THRUST COEFFICIENTS
ROCKET ENGINES
SECONDARY INJECTION
SPACECRAFT CONTROL
VARIABLE THRUST
VERNIER ENGINES

THRUST-WEIGHT RATIO

GS RATIOS
. **THRUST-WEIGHT RATIO**
RT ACCELERATION (PHYSICS)
MASS RATIOS
PRESSURE RATIO
ROCKET ENGINES

∞ THRUSTORS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ION ENGINES
ROCKET ENGINES

THULIUM

GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . **THULIUM**
. . . THULIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . **THULIUM**
. . . THULIUM ISOTOPES

THULIUM COMPOUNDS

GS RARE EARTH COMPOUNDS
 . THULIUM COMPOUNDS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

THULIUM ISOTOPES

UF THULIUM 171
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . ISOTOPES
 . . . THULIUM ISOTOPES
 . RARE EARTH ELEMENTS
 . THULIUM
 . . . THULIUM ISOTOPES
 METALS
 . RARE EARTH ELEMENTS
 . THULIUM
 . . . THULIUM ISOTOPES

THULIUM 171

USE THULIUM ISOTOPES

THUNDERCHIEF AIRCRAFT

USE F-105 AIRCRAFT

THUNDERSTORMS

GS STORMS
 . STORMS (METEOROLOGY)
 . . RAINSTORMS
 . . . THUNDERSTORMS
 RT ANVIL CLOUDS
 ARC CLOUDS
 ATMOSPHERICS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLOUDS (METEOROLOGY)
 COLD FRONTS
 CUMULONIMBUS CLOUDS
 DOWNBURSTS
 FRONTS (METEOROLOGY)
 HAIL
 HAILSTORMS
 LIGHTNING
 LIGHTNING SUPPRESSION
 MICROBURSTS (METEOROLOGY)
 RAIN
 STORM DAMAGE
 WARM FRONTS
 WIND (METEOROLOGY)

THYMIDINE

GS ACIDS
 . THYMIDINE
 BASES (CHEMICAL)
 . THYMIDINE
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . PYRIMIDINES
 THYMIDINE
 RT ALLOXAN
 DEOXYRIBONUCLEIC ACID
 NUCLEOSIDES

THYMINE

GS ACIDS
 . THYMINE
 NITROGEN COMPOUNDS
 . THYMINE
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . PYRIMIDINES
 THYMINE
 RT ALLOXAN
 DEOXYRIBONUCLEIC ACID

THYMOL

GS HYDROXYL COMPOUNDS
 . ALCOHOLS
 . . PHENOLS
 . . . THYMOL

THYMUS GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . THYMUS GLAND

THYRATRONS

GS ELECTRON TUBES
 . GAS DISCHARGE TUBES
 . . THYRATRONS

THYRATRONS--(cont.)

MICROWAVE EQUIPMENT
 . THYRATRONS
 RECTIFIERS
 . THYRATRONS
 RT CURRENT CONVERTERS (AC TO DC)
 SILICON CONTROLLED RECTIFIERS
 THYRISTORS

THYRISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . THYRISTORS
 SILICON CONTROLLED
 RECTIFIERS
 RECTIFIERS
 . THYRISTORS
 . . SILICON CONTROLLED RECTIFIERS
 RT JUNCTION TRANSISTORS
 P-N-P-N JUNCTIONS
 THYRATRONS
 TRIGGER CIRCUITS
 TRIODES

THYROID GLAND

GS ANATOMY
 . GLANDS (ANATOMY)
 . . ENDOCRINE GLANDS
 . . . THYROID GLAND
 RT CALCIUM METABOLISM
 HYPOMETABOLISM
 THYROXINE

THYROXINE

GS ACIDS
 . AMINO ACIDS
 . . THYROXINE
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . THYROXINE
 SECRETIONS
 . ENDOCRINE SECRETIONS
 . . HORMONES
 . . . THYROXINE
 RT THYROID GLAND

TIBET

GS NATIONS
 . TIBET
 RT ASIA
 BHUTAN
 HIMALAYAS

TIBIA

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . TIBIA
 RT LEG (ANATOMY)

TID

USE TRAVELING IONOSPHERIC
 DISTURBANCES

TIDAL FLATS

GS LANDFORMS
 . FLATS (LANDFORMS)
 . . TIDAL FLATS
 RT AQUICULTURE
 COASTS
 ESTUARIES
 FISHERIES
 MARSHLANDS
 MUD
 OCEANS
 SHORELINES
 TIDES

TIDAL OSCILLATION

USE TIDES

TIDAL WAVES

GS WATER WAVES
 . TIDAL WAVES
 RT OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 SEA BREEZE
 SEA ROUGHNESS
 SEISMOLOGY
 TSUNAMI WAVES
 ∞ WAVES
 WIND (METEOROLOGY)

TIDE POWERED GENERATORS

RT ELECTRIC GENERATORS
 ENERGY CONVERSION EFFICIENCY
 ∞ GENERATORS
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 OCEANS
 SEA ROUGHNESS
 TIDEPOWER
 TIDES
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES

TIDE POWERED MACHINES

RT ∞ MACHINERY
 OCEAN CURRENTS
 OCEAN SURFACE
 SEA ROUGHNESS
 TIDEPOWER
 TIDES
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES

TIDEPOWER

RT CLEAN ENERGY
 EARTH RESOURCES
 ∞ ENERGY SOURCES
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 SEA ROUGHNESS
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES
 TIDES
 WATERWAVE ENERGY
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES

TIDES

UF TIDAL OSCILLATION
 GS TIDES
 . ATMOSPHERIC TIDES
 . EARTH TIDES
 . LUNAR TIDES
 RT COASTAL CURRENTS
 ESTUARIES
 FLOOD DAMAGE
 FLOODS
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 PRESSURE ICE
 SEA ROUGHNESS
 TIDAL FLATS
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES
 TIDEPOWER
 WATER CURRENTS
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES
 WETLANDS

TIE BOLTS

GS FASTENERS
 . BOLTS
 . . TIE BOLTS

TIG WELDING

USE GAS TUNGSTEN ARC WELDING

TIGHTNESS

RT CLEARANCES
 CLOSURES
 PROXIMITY

TILES

RT CERAMICS
 FLOORS
 GROUT
 LUDOX (TRADEMARK)
 MASONRY
 WALLS

TILT

USE ATTITUDE (INCLINATION)

TILT ROTOR AIRCRAFT

GS V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . TILT ROTOR AIRCRAFT
 . . . V-22 AIRCRAFT
 . . . XV-15 AIRCRAFT
 RT ∞ AIRCRAFT

TILT ROTOR AIRCRAFT--(cont.)

HELICOPTERS
TILTING ROTORS

TILT ROTOR RESEARCH AIRCRAFT PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . . **TILT ROTOR RESEARCH AIRCRAFT PROGRAM**
RT ∞ AIRCRAFT
 HELICOPTERS
 ROTARY WINGS
 V-22 AIRCRAFT
 XV-15 AIRCRAFT

TILT WING AIRCRAFT

UF PIVOTED WING AIRCRAFT
GS **TILT WING AIRCRAFT**
 . CL-84 AIRCRAFT
 . L-29 JET TRAINER
 . VZ-2 AIRCRAFT
 . XC-142 AIRCRAFT
RT ∞ AIRCRAFT
 FAN IN WING AIRCRAFT
 RESEARCH AIRCRAFT
 SHORT TAKEOFF AIRCRAFT
 V-22 AIRCRAFT
 V/STOL AIRCRAFT
 VERTICAL TAKEOFF AIRCRAFT
 X-22 AIRCRAFT

TILTED PROPELLERS

GS PROPELLERS
 . **TILTED PROPELLERS**
RT HELICOPTER PROPELLER DRIVE

TILTING

USE ATTITUDE (INCLINATION)

TILTING ROTORS

GS AIRFOILS
 . WINGS
 . . . ROTARY WINGS
 . . . **TILTING ROTORS**
 ROTATING BODIES
 . ROTORS
 . . . ROTARY WINGS
 . . . **TILTING ROTORS**
RT TILT ROTOR AIRCRAFT
 V-22 AIRCRAFT
 XV-3 AIRCRAFT

TILTMETERS

GS MEASURING INSTRUMENTS
 . **TILTMETERS**
RT ATTITUDE (INCLINATION)
 GEOPHYSICS
 SEISMOGRAPHS

TIMBER IDENTIFICATION

GS IDENTIFYING
 . **TIMBER IDENTIFICATION**
 RECOGNITION
 . **TIMBER IDENTIFICATION**
RT CONIFERS
 CROP IDENTIFICATION
 DECIDUOUS TREES
 EARTH RESOURCES
 EVALUATION
 FORESTS
 TREES (PLANTS)

TIMBER INVENTORY

GS INVENTORIES
 . **TIMBER INVENTORY**
RT AERIAL PHOTOGRAPHY
 EARTH RESOURCES
 FOREST MANAGEMENT
 FORESTS
 INFRARED PHOTOGRAPHY
 PHOTOGRAPHY
 REFORESTATION
 SATELLITE-BORNE PHOTOGRAPHY
 TREES (PLANTS)

TIMBER VIGOR

RT FOLIAGE
 FORESTS
 GROWTH
 TIMBERLINE
 TREES (PLANTS)

TIMBERLINE

RT DENDROCHRONOLOGY

TIMBERLINE--(cont.)

FORESTS
GROWTH
HIGH ALTITUDE ENVIRONMENTS
POLAR REGIONS
TIMBER VIGOR
TREES (PLANTS)

TIME

UF DURATION
GS **TIME**
 . ACCESS TIME
 . BURNING TIME
 . DOWNTIME
 . EPHEMERIS TIME
 . FLIGHT TIME
 . MTBF
 . REACTION TIME
 . CHRONAXY
 . RELAXATION TIME
 . RESPONSE TIME (COMPUTERS)
 . SIDEREAL TIME
 . TESTING TIME
 . TRANSIT TIME
 . UNIVERSAL TIME
RT CALENDARS
 CELESTIAL GEODESY
 CHRONOLOGY
 EXPOSURE
 INTERVALS
 LAUNCH DATES
 MONTH
 PROLONGATION
 RELATIVISTIC EFFECTS
 SCHEDULES
 SYNCHRONISM
 TIME MEASUREMENT
 UNITS OF MEASUREMENT

TIME CONSTANT

GS CONSTANTS
 . **TIME CONSTANT**
 . . . PERCEPTUAL TIME CONSTANT
RT ACCESS TIME
 ∞ CONSTANT
 DAMPING
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 IMPEDANCE
 LC CIRCUITS
 RC CIRCUITS
 REACTION TIME
 RELAXATION TIME
 RL CIRCUITS
 RLC CIRCUITS
 ∞ TIME RESPONSE
 TRANSFER FUNCTIONS
 TRANSIENT RESPONSE

TIME DELAY

USE TIME LAG

TIME DEPENDENCE

GS DEPENDENCE
 . **TIME DEPENDENCE**
RT ∞ HELMHOLTZ EQUATIONS
 SPATIAL DEPENDENCIES
 STOCHASTIC PROCESSES
 TEMPORAL DISTRIBUTION
 ∞ TIME RESPONSE

TIME DISCRIMINATION

RT COMPARATOR CIRCUITS
 SENSORY DISCRIMINATION

TIME DIVISION MULTIPLE ACCESS

UF TDMA
GS TELECOMMUNICATION
 . MULTIPLE ACCESS
 . . . **TIME DIVISION MULTIPLE ACCESS**
 . RADIO COMMUNICATION
 . . . RADIO RELAY SYSTEMS
 . . . **TIME DIVISION MULTIPLE ACCESS**
RT ALOHA SYSTEM
 CHANNEL NOISE
 FREQUENCY DIVISION MULTIPLE ACCESS
 MULTICHANNEL COMMUNICATION
 PACKET SWITCHING
 PULSE COMMUNICATION
 SATELLITE NETWORKS
 SWITCHING
 WIDEBAND COMMUNICATION

TIME DIVISION MULTIPLEXING

GS TRANSMISSION
 . MULTIPLEXING
 . . . **TIME DIVISION MULTIPLEXING**
RT DEMULTIPLEXING
 FREQUENCY DIVISION MULTIPLEXING
 PULSE MODULATION
 TELEMETRY
 TELEVISION TRANSMISSION
 WAVELENGTH DIVISION MULTIPLEXING

TIME FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . **TIME FUNCTIONS**
RT RATES (PER TIME)
 SQUARE WAVES
 STOCHASTIC PROCESSES
 WAVE FUNCTIONS
 WAVEFORMS
 WAVELET ANALYSIS

TIME LAG

UF CHRONOTRONS
LAG (DELAY)
TIME DELAY
RT CEPSTRAL ANALYSIS
 DELAY
 DELAY LINES
 ELECTRIC RELAYS
 HYSTERESIS
 INVENTORY CONTROLS
 REACTION TIME
 REFRACTORY PERIOD
 RESPONSES
 SCHEDULES
 ∞ TIME RESPONSE
 TRANSMISSION RATE
 (COMMUNICATIONS)

TIME LAPSE PHOTOGRAPHY

USE CHRONOPHOTOGRAPHY

TIME MARCHING

RT FINITE DIFFERENCE THEORY
 NUMERICAL ANALYSIS
 SPATIAL MARCHING

TIME MEASUREMENT

UF DATING
 EPOCHS
 TIMING
GS **TIME MEASUREMENT**
 . CLOCK PARADOX
RT ATOMIC CLOCKS
 CHRONOMETERS
 CLOCKS
 CONSECUTIVE EVENTS
 FREQUENCY MEASUREMENT
 ∞ MEASUREMENT
 OSCILLOGRAPHS
 RADIOACTIVE AGE DETERMINATION
 RATES (PER TIME)
 SIDEREAL TIME
 STROBOSCOPES
 SYNCHRONISM
 ∞ TIME RESPONSE
 TIMING DEVICES
 VELOCITY
 VELOCITY MEASUREMENT
 WINDOWS (INTERVALS)

TIME MEASURING INSTRUMENTS

GS MEASURING INSTRUMENTS
 . **TIME MEASURING INSTRUMENTS**
 . . . CLOCKS
 . . . ATOMIC CLOCKS
 . . . AUTONOMOUS SPACECRAFT
 CLOCKS
 . . . CHRONOMETERS
 . . . TIMING DEVICES

TIME OF FLIGHT SPECTROMETERS

GS MEASURING INSTRUMENTS
 . SPECTROMETERS
 . . . **TIME OF FLIGHT SPECTROMETERS**
RT SPECTROSCOPY

TIME OPTIMAL CONTROL

GS AUTOMATIC CONTROL
 . OPTIMAL CONTROL
 . . . **TIME OPTIMAL CONTROL**
 OPTIMIZATION
 . OPTIMAL CONTROL
 . . . **TIME OPTIMAL CONTROL**
RT ∞ CONTROL

∞ TIME RESPONSE

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- RT ACCESS TIME
DELAY
RESPONSE BIAS
RESPONSES
TEMPORAL DISTRIBUTION
TIME CONSTANT
TIME DEPENDENCE
TIME LAG
TIME MEASUREMENT

TIME SERIES ANALYSIS

- RT ∞ APPLICATIONS OF MATHEMATICS
AUTOCORRELATION
CORRELATION
CURVE FITTING
DATA SAMPLING
EXTRAPOLATION
FORECASTING
FOURIER ANALYSIS
KALMAN-SCHMIDT FILTERING
MAXIMUM ENTROPY METHOD
SCHEDULING
∞ STATISTICS
STOCHASTIC PROCESSES
TREND ANALYSIS
TRENDS

TIME SHARING

- RT COMPUTER PROGRAMMING
COORDINATION
MULTIPLE OUTPUT PROGRAMS
MULTIPROCESSING (COMPUTERS)
MULTIPROGRAMMING
PIPELINING (COMPUTERS)
RUN TIME (COMPUTERS)

TIME SIGNALS

- RT ∞ CLOCK PARADOX
FREQUENCY STANDARDS
PICOSECOND PULSES
PULSE DURATION
∞ SIGNALS
TIMING DEVICES

TIME TEMPERATURE PARAMETER

- RT AGING (METALLURGY)
AUSTENITIC STAINLESS STEELS
EMBRITTLMENT
FRACTURE MECHANICS
LONG TERM EFFECTS
METALLOGRAPHY
PRECIPITATION HARDENING
TEMPERATURE EFFECTS

TIMERS

- USE TIMING DEVICES

TIMING

- USE TIME MEASUREMENT

TIMING DEVICES

- UF TIMERS
GS MEASURING INSTRUMENTS
TIME MEASURING INSTRUMENTS
TIMING DEVICES
RT CHRONOMETERS
CLOCK PARADOX
CLOCKS
DWELL
PENDULUMS
TACHOMETERS
TIME MEASUREMENT
TIME SIGNALS

TIMOSHENKO BEAMS

- GS STRUCTURAL MEMBERS
BEAMS (SUPPORTS)
TIMOSHENKO BEAMS
RT COLUMNS (SUPPORTS)
TRUSSES

TIN

- GS CHEMICAL ELEMENTS
TIN
TIN ISOTOPES
METALS
TIN
TIN ISOTOPES

TIN ALLOYS

- GS ALLOYS
TIN ALLOYS
BABBITT METAL
RT BEARING ALLOYS
BISMUTH ALLOYS
INDIUM ALLOYS
SOLDERS
STANNIDES
ZIRCALOYS (TRADEMARK)

TIN COMPOUNDS

- GS TIN COMPOUNDS
ORGANIC TIN COMPOUNDS
STANNATES
STANNIDES
NIOBIUM STANNIDES
TIN OXIDES
TIN TELLURIDES
RT ∞ CHEMICAL COMPOUNDS
∞ GROUP 4A COMPOUNDS
∞ METAL COMPOUNDS

TIN ISOTOPES

- GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
TIN ISOTOPES
TIN
TIN ISOTOPES
METALS
TIN
TIN ISOTOPES

TIN OXIDES

- GS CHALCOGENIDES
OXIDES
METAL OXIDES
TIN OXIDES
TIN COMPOUNDS
TIN OXIDES
RT SIS (SEMICONDUCTORS)

TIN TELLURIDES

- GS CHALCOGENIDES
TELLURIDES
TIN TELLURIDES
TELLURIUM COMPOUNDS
TELLURIDES
TIN TELLURIDES
TIN COMPOUNDS
TIN TELLURIDES

TIP DRIVEN ROTORS

- UF HOT CYCLE PROPULSION SYSTEM
GS AIRFOILS
WINGS
ROTARY WINGS
TIP DRIVEN ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
TIP DRIVEN ROTORS
RT XV-9A AIRCRAFT

TIP SPEED

- GS RATES (PER TIME)
TIP SPEED
VELOCITY
TIP SPEED
RT ANGULAR VELOCITY
CRITICAL VELOCITY
ROTOR SPEED

TIP VANES

- GS ROTATING BODIES
ROTORS
TIP VANES
TURBOMACHINERY
TURBINES
WIND TURBINES
TIP VANES

TIPS

- GS TIPS
BLADE TIPS
CRACK TIPS
NOSE TIPS
WING TIPS
RT AIRFOIL PROFILES
EDGES

TIRES

- GS TIRES

TIRES--(cont.)

- RT AIRCRAFT TIRES
BLOWOUTS
INFLATABLE STRUCTURES
LANDING GEAR
ROLLERS
TOROIDAL WHEELS
TREADS
VEHICLE WHEELS
WHEEL BRAKES
WHEELS

TIROS D SATELLITE

- USE TIROS 4 SATELLITE

TIROS E SATELLITE

- USE TIROS 5 SATELLITE

TIROS F SATELLITE

- USE TIROS 6 SATELLITE

TIROS G SATELLITE

- USE TIROS 7 SATELLITE

TIROS H SATELLITE

- USE TIROS 8 SATELLITE

TIROS M

- GS ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS M
RT ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4

TIROS N SERIES SATELLITES

- GS ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
TIROS N SERIES SATELLITES
RT ADVANCED VERY HIGH RESOLUTION
RADIOMETER
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
NOAA 7 SATELLITE
TIROS OPERATIONAL SATELLITE
SYSTEM

TIROS OPERATIONAL SATELLITE SYSTEM

- RT CLOUD PHOTOGRAPHY
ITOS 1
ITOS 2
ITOS 3
ITOS 4
SATELLITE OBSERVATION
SYSTEMS
TIROS N SERIES SATELLITES

TIROS PROJECT

- GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
TIROS PROJECT
PROJECTS
TIROS PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
TIROS PROJECT
RT CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
METEOROLOGICAL SATELLITES

TIROS SATELLITES

- GS ARTIFICIAL SATELLITES
METEOROLOGICAL SATELLITES
TIROS SATELLITES
ITOS SATELLITES
ITOS 1
ITOS 2
ITOS 3
ITOS 4
TIROS M
TIROS N SERIES SATELLITES
TIROS 1 SATELLITE
TIROS 2 SATELLITE
TIROS 3 SATELLITE
TIROS 4 SATELLITE
TIROS 5 SATELLITE

TIROS SATELLITES--(cont.)

... TIROS 6 SATELLITE
 ... TIROS 7 SATELLITE
 ... TIROS 8 SATELLITE
 ... TIROS 9 SATELLITE
 ... TIROS 10 SATELLITE
 RT CLOUD PHOTOGRAPHY
 ESSA SATELLITES
 POLAR ORBITS
 SATELLITE OBSERVATION

TIROS WHEEL SATELLITE

USE TIROS 9 SATELLITE

TIROS 1 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 1 SATELLITE**
 RT THOR ABLE ROCKET VEHICLE

TIROS 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 2 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 3 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 3 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 4 SATELLITE

UF TIROS D SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 4 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 5 SATELLITE

UF TIROS E SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 5 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 6 SATELLITE

UF TIROS F SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 6 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 7 SATELLITE

UF TIROS G SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 7 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 8 SATELLITE

UF TIROS H SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 8 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 9 SATELLITE

UF TIROS WHEEL SATELLITE
 GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 9 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TIROS 10 SATELLITE

GS ARTIFICIAL SATELLITES
 . METEOROLOGICAL SATELLITES
 . TIROS SATELLITES
 ... **TIROS 10 SATELLITE**
 RT DELTA LAUNCH VEHICLE

TISSUES (BIOLOGY)

GS **TISSUES (BIOLOGY)**
 . ADIPOSE TISSUES
 . ENDOTHELIUM

TISSUES (BIOLOGY)--(cont.)

. EPICARDIUM
 . EPITHELIUM
 . HYPODERMIS
 . NEUROGLIA
 . PLANTAR TISSUES
 . SCARS
 RT ANATOMY
 ATROPHY
 ∞ BIOLOGY
 . CANCER
 ∞ CELLS
 . CELLS (BIOLOGY)
 . CULTIVATION
 . CYSTIC FIBROSIS
 . CYSTS
 . FIBROBLASTS
 . FIBROSIS
 . HISTOCHEMICAL ANALYSIS
 . INFARCTION
 . MACROPHAGES
 . MEDIASTINUM
 . ORGANS
 . PERITONEUM

TITAN

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . SATURN SATELLITES
 ... **TITAN**
 RT ATMOSPHERIC COMPOSITION
 CASSINI MISSION
 CHARON
 SATELLITE ATMOSPHERES
 SATURN (PLANET)
 TRITON

TITAN CENTAUR LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . **TITAN CENTAUR LAUNCH VEHICLE**
 . ROCKET VEHICLES
 . **TITAN CENTAUR LAUNCH VEHICLE**
 RT CENTAUR LAUNCH VEHICLE
 TITAN 4 LAUNCH VEHICLE

TITAN ICBM

GS MISSILES
 . BALLISTIC MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 . TITAN 1 ICBM
 . TITAN 2 ICBM
 . SURFACE TO SURFACE MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 . TITAN 1 ICBM
 . TITAN 2 ICBM
 RT LIQUID PROPELLANT ROCKET ENGINES
 LR-91-AJ-5 ENGINE
 MULTISTAGE ROCKET VEHICLES
 YLR-91-AJ-1 ENGINE

TITAN LAUNCH VEHICLES

GS LAUNCH VEHICLES
 . **TITAN LAUNCH VEHICLES**
 . TITAN 3 LAUNCH VEHICLE
 . TITAN 4 LAUNCH VEHICLE
 . ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . **TITAN LAUNCH VEHICLES**
 . TITAN 3 LAUNCH VEHICLE
 . TITAN 4 LAUNCH VEHICLE
 RT GEMINI 3 FLIGHT
 GEMINI 7 FLIGHT
 GEMINI 8 FLIGHT
 GEMINI 9 FLIGHT
 GEMINI 10 FLIGHT
 GEMINI 11 FLIGHT
 GEMINI 12 FLIGHT
 LIQUID PROPELLANT ROCKET ENGINES
 SOLID PROPELLANT ROCKET ENGINES
 ∞ VEHICLES

TITAN PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . **TITAN PROJECT**
 . PROJECTS
 . **TITAN PROJECT**
 . SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . **TITAN PROJECT**

TITAN PROJECT--(cont.)

RT ∞ BOOSTERS
 GEMINI PROJECT
 GEMINI SPACECRAFT
 LAUNCH VEHICLES
 LAUNCHERS
 LAUNCHING

TITAN 1 ICBM

UF SM-68 MISSILE
 GS MISSILES
 . BALLISTIC MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 . **TITAN 1 ICBM**
 . SURFACE TO SURFACE MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 . **TITAN 1 ICBM**
 RT LR-87-AJ-5 ENGINE

TITAN 2 ICBM

UF SM-68B MISSILE
 GS MISSILES
 . BALLISTIC MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 . **TITAN 2 ICBM**
 . SURFACE TO SURFACE MISSILES
 . INTERCONTINENTAL BALLISTIC MISSILES
 ... **TITAN ICBM**
 . **TITAN 2 ICBM**
 RT HYLA-STAR ROCKET VEHICLE

TITAN 3 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . TITAN LAUNCH VEHICLES
 . **TITAN 3 LAUNCH VEHICLE**
 . ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . TITAN LAUNCH VEHICLES
 ... **TITAN 3 LAUNCH VEHICLE**
 RT MANNED ORBITAL LABORATORIES

TITAN 4 LAUNCH VEHICLE

GS LAUNCH VEHICLES
 . TITAN LAUNCH VEHICLES
 . **TITAN 4 LAUNCH VEHICLE**
 . ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . TITAN LAUNCH VEHICLES
 ... **TITAN 4 LAUNCH VEHICLE**
 RT TITAN CENTAUR LAUNCH VEHICLE
 ∞ VEHICLES

TITANATES

GS TITANIUM COMPOUNDS
 . **TITANATES**
 . BARIUM TITANATES
 . ILMENITE
 . LEAD TITANATES
 . MAGNESIUM TITANATES
 . PEROVSKITES
 . PIEZOELECTRIC CERAMICS
 . LEAD ZIRCONATE TITANATES
 . STRONTIUM TITANATES
 . ZIRCONIUM TITANATES
 RT EUXENITE

TITANIA

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . ICY SATELLITES
 ... **TITANIA**
 . URANUS SATELLITES
 ... **TITANIA**
 RT URANUS (PLANET)

TITANIUM

GS CHEMICAL ELEMENTS
 . **TITANIUM**
 . TITANIUM ISOTOPES
 . METALS
 . TRANSITION METALS
 . **TITANIUM**
 . TITANIUM ISOTOPES

TITANIUM ALLOYS

GS ALLOYS
 . **TITANIUM ALLOYS**
 . NITINOL ALLOYS

TITANIUM ALLOYS--(cont.)

RT ALUMINIDES
SHAPE MEMORY ALLOYS
VANADIUM ALLOYS

TITANIUM BORIDES

GS BORON COMPOUNDS
BORIDES
TITANIUM BORIDES
TITANIUM COMPOUNDS
TITANIUM BORIDES

TITANIUM CARBIDES

GS CARBON COMPOUNDS
CARBIDES
TITANIUM CARBIDES
TITANIUM COMPOUNDS
TITANIUM CARBIDES
RT CERAMIC FIBERS
CERAMIC MATRIX COMPOSITES

TITANIUM CHLORIDES

GS HALOGEN COMPOUNDS
CHLORINE COMPOUNDS
CHLORIDES
TITANIUM CHLORIDES
HALIDES
CHLORIDES
TITANIUM CHLORIDES
METAL HALIDES
TITANIUM CHLORIDES
TITANIUM COMPOUNDS
TITANIUM CHLORIDES

TITANIUM COMPOUNDS

GS TITANIUM COMPOUNDS
TITANATES
BARIUM TITANATES
ILMENITE
LEAD TITANATES
MAGNESIUM TITANATES
PEROVSKITES
PIEZOELECTRIC CERAMICS
LEAD ZIRCONATE TITANATES
STRONTIUM TITANATES
ZIRCONIUM TITANATES
TITANIUM BORIDES
TITANIUM CARBIDES
TITANIUM CHLORIDES
TITANIUM NITRIDES
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
RT CHEMICAL COMPOUNDS
GROUP 4B COMPOUNDS
METAL COMPOUNDS

TITANIUM DIOXIDE

USE TITANIUM OXIDES

TITANIUM ISOTOPES

GS CHEMICAL ELEMENTS
NUCLIDES
ISOTOPES
TITANIUM ISOTOPES
TITANIUM
TITANIUM ISOTOPES
METALS
TRANSITION METALS
TITANIUM
TITANIUM ISOTOPES

TITANIUM NITRIDES

GS NITROGEN COMPOUNDS
NITRIDES
METAL NITRIDES
TITANIUM NITRIDES
TITANIUM COMPOUNDS
TITANIUM NITRIDES
RT CERAMIC MATRIX COMPOSITES

TITANIUM OXIDES

UF TITANIUM DIOXIDE
GS CHALCOGENIDES
OXIDES
METAL OXIDES
TITANIUM OXIDES
ANATASE
ILMENITE
RUTILE
TITANIUM COMPOUNDS
TITANIUM OXIDES
ANATASE
ILMENITE

TITANIUM OXIDES--(cont.)

RT RUTILE
DIOXIDES

TITRATION

GS CHEMICAL REACTIONS
TITRATION
RT ACIDITY
COULOMETERS
IODIMETRY
ION CONCENTRATION
KJELDAHL METHOD
SOLUTIONS

TITRIMETERS

GS MEASURING INSTRUMENTS
TITRIMETERS
RT CHEMICAL ANALYSIS

TNT (TRINITROTOLUENE)

USE TRINITROTOLUENE

TOBACCO

GS PLANTS (BOTANY)
TOBACCO
RT NICOTINE

TOCOPHEROL

UF VITAMIN E
GS ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
TOCOPHEROL
LIPIDS
TOCOPHEROL
VITAMINS
TOCOPHEROL

TOGO

GS NATIONS
TOGO
RT AFRICA

TOILETS

RT HUMAN WASTES
SANITATION
SPACECREWS
WASTE DISPOSAL

TOKAMAK DEVICES

GS NUCLEAR REACTORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
PLASMA GENERATORS
TOKAMAK DEVICES
JOINT EUROPEAN TORUS
RT BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
ELECTRIC POWER
LIMITERS (FUSION REACTORS)
NUCLEAR FUSION
PLASMA COMPRESSION
PLASMA CONTROL
PLASMA PHYSICS
POLOIDAL FLUX
REACTORS
SPHEROMAKS

TOLERANCES (MECHANICS)

GS TOLERANCES (MECHANICS)
IMPACT TOLERANCES
RT ACCEPTABILITY
ACCURACY
ALLOWANCES
CLEARANCES
CONSISTENCY
DIMENSIONAL STABILITY
DRIFT (INSTRUMENTATION)
ERRORS
HYSTERESIS
INSPECTION
LINEARITY
MECHANICAL PROPERTIES
NONDESTRUCTIVE TESTS
PRECISION
QUALITY CONTROL
RADIATION TOLERANCE
RANGE (EXTREMES)
RELIABILITY
RESOLUTION
SENSITIVITY
SPECIFICATIONS
STABILITY

TOLERANCES (MECHANICS)--(cont.)

STANDARDS

TOLERANCES (PHYSIOLOGY)

GS TOLERANCES (PHYSIOLOGY)
ACCELERATION TOLERANCE
ALTITUDE TOLERANCE
COLD TOLERANCE
HEAT TOLERANCE
HUMAN TOLERANCES
RADIATION TOLERANCE
RT ACCLIMATIZATION
BARANY CHAIR
BIOCONTROL SYSTEMS
IMPACT RESISTANCE
NOISE TOLERANCE
ORTHOSTATIC TOLERANCE
PHYSIOLOGY
RANGE (EXTREMES)
RESISTANCE

TOLLMIE-SCHLICHTING WAVES

GS ELASTIC WAVES
TOLLMIE-SCHLICHTING WAVES
RT BLASIUS FLOW
BOUNDARY LAYER FLOW
BOUNDARY LAYER TRANSITION
LAMINAR FLOW
TURBULENT FLOW

TOLUENE

GS ORGANIC COMPOUNDS
HYDROCARBONS
TOLUENE
RT SOLVENTS
XYLENE

TOMAHAWK MISSILES

GS MISSILES
SURFACE TO SURFACE MISSILES
CRUISE MISSILES
TOMAHAWK MISSILES
RT WEAPONS

TOMATOES

GS FARM CROPS
TOMATOES
RT AGRICULTURE
BOTANY
CROPS
FOOD
SEEDS

TOMBOLOS

USE BARS (LANDFORMS)

TOMOGRAPHY

UF PLANIGRAPHY
GS IMAGERY
RADIOGRAPHY
TOMOGRAPHY
COMPUTER AIDED TOMOGRAPHY
RT COMPUTER GRAPHICS
IMAGE ENHANCEMENT
OPTICAL DATA PROCESSING
X RAY ANALYSIS

TOMS

USE TOTAL OZONE MAPPING
SPECTROMETER

TOPE

USE PITCH

TONGUE

GS ANATOMY
DIGESTIVE SYSTEM
TONGUE
RT MOUTH
VOICE

TONK METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
CARBONACEOUS METEORITES
CARBONACEOUS CHONDRITES
TONK METEORITE
CHONDRITES
CARBONACEOUS CHONDRITES
TONK METEORITE

TONOMETRY

USE INTRAOCULAR PRESSURE
PRESSURE MEASUREMENT

TONUS

USE MUSCULAR TONUS

TOOLING

RT ∞ AUTOMATION
MACHINING
MECHANIZATION
SETUPS
TOOLS

TOOLS

GS **TOOLS**
. DRILL BITS
. FILES (TOOLS)
. MACHINE TOOLS
. BORING MACHINES
. GRINDING MACHINES
. LATHES
. . . TURRET LATHES
. MILLING MACHINES
. SHAPERS
. SAWS
. SHEARS
. SPACE TOOLS
. WRENCHES
RT ANTIQUITIES
ANVILS
CUTTERS
DRILLS
FIXTURES
HAMMERS
HARDWARE
JIGS
KITS
∞ MACHINERY
MECHANICAL DEVICES
MECHANIZATION
PLATENS
PRESSES
∞ PRODUCTION
TAPS
TOOLING
ULTRASONIC CLEANING

TOOTH DISEASES

UF AERODONTALGIA
GS DISEASES
RT **TOOTH DISEASES**
CAVITIES
DENTAL CALCULI
DENTISTRY
ORAL HYGIENE
TEETH

TOPEX

RT GULF STREAM
MARITIME SATELLITES
OCEAN CURRENTS
OCEAN SURFACE
OCEANOGRAPHY
POSEIDON SATELLITE
SATELLITE OBSERVATION
SEA STATES
TOPOGRAPHY

TOPOGRAPHY

UF LANDSCAPE
GS **TOPOGRAPHY**
. LUNAR TOPOGRAPHY
. TERRAIN
RT ALTIMETRY
BADLANDS
BARREN LAND
BEACHES
CLIFFS
CONTOUR SENSORS
CONTOURS
CUSPS (LANDFORMS)
∞ DEPRESSION
DESERTLINE
DESERTS
DUNES
EARTH SURFACE
ELEVATION
ELEVATION ANGLE
ESCARPMENTS
GEODESY
GEODETIC SURVEYS
GEOMORPHOLOGY
GEOPHYSICS
GULFS

TOPOGRAPHY--(cont.)

HIGHLANDS
HYPSOGRAPHY
ISTHMUSES
JUPITER RED SPOT
LAGOONS
LAND
LANDFORMS
LANDMARKS
LEDGES
MAPPING
MARIA
MARS SURFACE
MEANDERS
MUSKEGS
OCEANOGRAPHY
PEAKS (LANDFORMS)
PHOTOMAPPING
PLAINS
PLANETARY SURFACES
∞ PROFILES
RAVINES
RELIEF MAPS
SATELLITE ALTIMETRY
SHALLOW WATER
SLOPES
STAIRSTEPS
SURFACE ROUGHNESS
TOPEX
VALLEYS
VENUS SURFACE
WADIS

TOPOLOGY

GS GEOMETRY
RT **TOPOLOGY**
. FIXED POINTS (MATHEMATICS)
. HOMOTOPY THEORY
. IMBEDDINGS (MATHEMATICS)
. . . INVARIANT IMBEDDINGS
. LINKS (MATHEMATICS)
. METRIC SPACE
RT CATASTROPHE THEORY
∞ CELLS
CONTINUITY
CONTINUITY (MATHEMATICS)
CONTINUUMS
DEFORMATION
DIMENSIONS
FAULT TREES
FIBERS (MATHEMATICS)
GRAPH THEORY
HOMOLOGY
HOMOTROPY
INTERVALS
ISOPERIMETRIC PROBLEM
MANIFOLDS (MATHEMATICS)
MAPPING
NETWORK SYNTHESIS
∞ NETWORKS
SHAPES
SWITCHING THEORY
TORUSES
TREES (MATHEMATICS)

TOPPING CYCLE ENGINES

RT AIRCRAFT ENGINES
LIQUID HYDROGEN
PROPULSION SYSTEM CONFIGURATIONS

TOPS (SPACECRAFT)

UF THERMOELECTRIC OUTER PLANET
SPACECRAFT
GS THERMOELECTRIC SPACECRAFT
INTERPLANETARY SPACECRAFT
RT **TOPS (SPACECRAFT)**
FLYBY MISSIONS
INTERPLANETARY FLIGHT
OUTER PLANETS EXPLORERS
SPACE EXPLORATION
SPACE MISSIONS
∞ SPACECRAFT

TORCHES

RT CUTTING
PYROGEN
WELDING
WELDING MACHINES

TORNADO AIRCRAFT

USE MRCA AIRCRAFT

TORNADOES

GS STORMS
. STORMS (METEOROLOGY)

TORNADOES--(cont.)

RT **TORNADOES**
ATMOSPHERIC CIRCULATION
COLD FRONTS
CUMULONIMBUS CLOUDS
CYCLONES
FRONTS (METEOROLOGY)
GROUND WIND
HURRICANES
NATIONAL SEVERE STORMS PROJECT
RAINSTORMS
STORM DAMAGE
TROPICAL STORMS
TYPHOONS
WARM FRONTS
WIND (METEOROLOGY)

TORO ASTEROID

GS CELESTIAL BODIES
. ASTEROID BELTS
. . . ASTEROIDS
RT **TORO ASTEROID**
METEORIODS
SOLAR SYSTEM
SPACE DEBRIS

TOROIDAL DISCHARGE

GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. . . TOWNSEND DISCHARGE
. . . . GAS DISCHARGES
. . . . **TOROIDAL DISCHARGE**
. . . . RING DISCHARGE
RT ELECTRODELESS DISCHARGES
HIGH FREQUENCIES
PLASMA JETS
SPECTRUM ANALYSIS

TOROIDAL PLASMAS

UF PLASMA RINGS
GS PARTICLES
. CHARGED PARTICLES
. . . ENERGETIC PARTICLES
. . . PLASMAS (PHYSICS)
. . . . **TOROIDAL PLASMAS**
RT BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
ELLIPTICAL PLASMAS
LIMITERS (FUSION REACTORS)
PLASMA CONTROL
PLASMA CURRENTS
POLOIDAL FLUX
REVERSE FIELD PINCH
∞ RINGS
ROTATING PLASMAS
SOLENOIDS
SPHEROMAKS
STELLARATORS

TOROIDAL SHELLS

GS SHELLS (STRUCTURAL FORMS)
. **TOROIDAL SHELLS**
RT METAL SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER)
THIN WALLED SHELLS
TOROIDS

TOROIDAL WHEELS

UF DOUGHNUT SHAPE WHEELS
GS WHEELS
. **TOROIDAL WHEELS**
RT ROVING VEHICLES
SUSPENSION SYSTEMS (VEHICLES)
TIRES
VEHICLE WHEELS

TOROIDS

RT ∞ COILS
∞ CURVES
GEOMETRY
INDUCTORS
ION IMPACT
MAGNET COILS
MAGNETIC CORES
TOROIDAL SHELLS
TRANSFORMERS

TORPEDO ENGINES

GS ENGINES
. **TORPEDO ENGINES**
. . . TURBOROCKET ENGINES
. . . ULLAGE ROCKET ENGINES
. . . VERNIER ENGINES

TORPEDO ENGINES--(cont.)

- ... CONTROL ROCKETS
- ... SYNCOM APOGEE ENGINES
- RT INTERNAL COMBUSTION ENGINES
- ROCKET PROPELLANTS
- TURBINE ENGINES
- UNDERWATER PROPULSION

TORPEDOES

- UF RETORC (TORPEDOES)
- GS EXPLOSIVE DEVICES
- ... **TORPEDOES**
- RT AMMUNITION
- ANTISUBMARINE WARFARE
- ASROC ENGINE
- BOMBS (ORDNANCE)
- ∞ CONFIGURATIONS
- ∞ COUNTERMEASURES
- EXPLOSIVES
- HYDROBALLISTICS
- MISSILES
- NUCLEAR WEAPONS
- PROPELLANTS
- ∞ ROCKETS
- SEA LAUNCHING
- SHAPED CHARGES
- SUBMERGED BODIES
- UNDERWATER TRAJECTORIES
- WARHEADS
- WEAPONS

TORQUE

- UF HINGE MOMENTS
- GS MOMENTS
- ... **TORQUE**
- RT BENDING MOMENTS
- ∞ FORCE
- LOADING MOMENTS
- MOMENTS OF INERTIA
- PITCHING MOMENTS
- ROLLING MOMENTS
- ROTATION
- SHAFTS (MACHINE ELEMENTS)
- TORQUE SENSORS (ROBOTICS)
- TORQUEMETERS
- TORSION
- TORSIONAL STRESS
- TORSIONAL VIBRATION
- TWISTING
- YAWING MOMENTS

TORQUE CONVERTERS

- RT ∞ CONVERTERS
- POWER CONVERTERS
- TRANSMISSIONS (MACHINE ELEMENTS)

TORQUE MEASURING APPARATUS

- USE TORQUEMETERS

TORQUE MOTORS

- GS MOTORS
- ... ELECTRIC MOTORS
- ... **TORQUE MOTORS**
- RT ACTUATORS
- SERVOMOTORS
- TRANSMISSIONS (MACHINE ELEMENTS)

TORQUE SENSORS (NONROBOTICS)

- USE TORQUEMETERS

TORQUE SENSORS (ROBOTICS)

- GS ROBOT SENSORS
- ... **TORQUE SENSORS (ROBOTICS)**
- RT END EFFECTORS
- MANIPULATORS
- ROBOTS
- ∞ SENSORS
- SERVOMECHANISMS
- TELEOPERATORS
- TORQUE
- TORQUEMETERS

TORQUEMETERS

- UF TORQUE MEASURING APPARATUS
- TORQUE SENSORS (NONROBOTICS)
- GS MEASURING INSTRUMENTS
- ... **TORQUEMETERS**
- RT DYNAMOMETERS
- MECHANICAL MEASUREMENT
- TORQUE
- TORQUE SENSORS (ROBOTICS)

TORQUERS

- GS TRANSDUCERS

TORQUERS--(cont.)

- ... **TORQUERS**
- RT DEGREES OF FREEDOM
- GYROSCOPES
- SEA KEEPING

TORRES STRAIT

- GS PASSAGEWAYS
- ... STRAITS
- ... **TORRES STRAIT**
- RT AUSTRALIA
- NEW GUINEA (ISLAND)

TORSION

- RT BUCKLING
- DEFLECTION
- DEFORMATION
- ∞ FORCE
- MOMENTS
- TEMPERATURE INVERSIONS
- TORQUE
- TORSIONAL STRESS
- TORSIONAL VIBRATION
- TWISTING

TORSIONAL STRESS

- GS STRESSES
- ... SHEAR STRESS
- ... **TORSIONAL STRESS**
- RT TORQUE
- TORSION

TORSIONAL VIBRATION

- GS VIBRATION
- ... STRUCTURAL VIBRATION
- ... **TORSIONAL VIBRATION**
- RT MISSILE VIBRATION
- RANDOM VIBRATION
- SELF INDUCED VIBRATION
- SHEAR STRAIN
- TORQUE
- TORSION
- TWISTING

TORSO

- GS ANATOMY
- ... **TORSO**
- RT CHEST

TORUSES

- GS GEOMETRY
- ... EUCLIDEAN GEOMETRY
- ... ANALYTIC GEOMETRY
- ... **TORUSES**
- SYMMETRICAL BODIES
- BODIES OF REVOLUTION
- ... **TORUSES**
- RT DESCRIPTIVE GEOMETRY
- LOOPS
- ∞ RINGS
- TOPOLOGY

TORY 2 REACTOR

- GS NUCLEAR ELECTRIC POWER
- GENERATION
- ... NUCLEAR POWER REACTORS
- ... **TORY 2 REACTOR**
- NUCLEAR REACTORS
- GAS COOLED REACTORS
- ... **TORY 2 REACTOR**
- NUCLEAR POWER REACTORS
- ... **TORY 2 REACTOR**
- NUCLEAR RESEARCH AND TEST
- REACTORS
- ... **TORY 2 REACTOR**

TORY 2-A REACTOR

- GS NUCLEAR ELECTRIC POWER
- GENERATION
- ... NUCLEAR POWER REACTORS
- ... **TORY 2-A REACTOR**
- NUCLEAR REACTORS
- GAS COOLED REACTORS
- ... **TORY 2-A REACTOR**
- NUCLEAR POWER REACTORS
- ... **TORY 2-A REACTOR**
- NUCLEAR RESEARCH AND TEST
- REACTORS
- ... **TORY 2-A REACTOR**

TORY 2-C REACTOR

- GS NUCLEAR ELECTRIC POWER
- GENERATION
- ... NUCLEAR POWER REACTORS

TORY 2-C REACTOR--(cont.)

- ... **TORY 2-C REACTOR**
- NUCLEAR REACTORS
- GAS COOLED REACTORS
- ... **TORY 2-C REACTOR**
- NUCLEAR POWER REACTORS
- ... **TORY 2-C REACTOR**
- NUCLEAR RESEARCH AND TEST
- REACTORS
- ... **TORY 2-C REACTOR**

TOS-A

- USE ESSA 3 SATELLITE

TOTAL ENERGY SYSTEMS

- GS **TOTAL ENERGY SYSTEMS**
- SOLAR TOTAL ENERGY SYSTEMS
- RT INTEGRATED ENERGY SYSTEMS
- PHOSPHORIC ACID FUEL CELLS
- ∞ SYSTEMS

TOTAL OZONE MAPPING SPECTROMETER

- UF TOMS
- GS MEASURING INSTRUMENTS
- ... OPTICAL MEASURING INSTRUMENTS
- ... PHOTOMETERS
- ... ULTRAVIOLET SPECTROMETERS
- ... **TOTAL OZONE MAPPING**
- SPECTROMETER**
- ... RADIATION MEASURING INSTRUMENTS
- ... ACTINOMETERS
- ... ULTRAVIOLET DETECTORS
- ... ULTRAVIOLET SPECTROMETERS
- ... **TOTAL OZONE MAPPING**
- SPECTROMETER**
- ... PHOTOMETERS
- ... ULTRAVIOLET SPECTROMETERS
- ... **TOTAL OZONE MAPPING**
- SPECTROMETER**
- ... SATELLITE-BORNE INSTRUMENTS
- ... **TOTAL OZONE MAPPING**
- SPECTROMETER**
- ... SPECTROMETERS
- ... ULTRAVIOLET SPECTROMETERS
- ... **TOTAL OZONE MAPPING**
- SPECTROMETER**
- OPTICAL EQUIPMENT
- ... OPTICAL MEASURING INSTRUMENTS
- ... PHOTOMETERS
- ... ULTRAVIOLET SPECTROMETERS
- ... **TOTAL OZONE MAPPING**
- SPECTROMETER**
- RT ANTARCTIC REGIONS
- NIMBUS 7 SATELLITE
- OZONE DEPLETION
- OZONOMETRY

TOTAL QUALITY MANAGEMENT

- UF TQM (QUALITY CONTROL)
- GS MANAGEMENT
- ... **TOTAL QUALITY MANAGEMENT**
- QUALITY CONTROL
- ... **TOTAL QUALITY MANAGEMENT**
- RT ACCEPTABILITY
- AIRCRAFT RELIABILITY
- INDUSTRIAL MANAGEMENT
- MANAGEMENT METHODS
- PRODUCTION MANAGEMENT
- QUALITY
- RELIABILITY
- RELIABILITY ENGINEERING
- VALUE ENGINEERING

TOTAL VARIATION DIMINISHING SCHEMES

- USE TVD SCHEMES

TOUCH

- UF CUTANEOUS PERCEPTION
- TACTILE SENSATION
- GS PERCEPTION
- ... SENSORY PERCEPTION
- ... **TOUCH**
- ... TACTILE DISCRIMINATION
- RT ELECTROCUTANEOUS COMMUNICATION
- SKIN (ANATOMY)
- TACTILE SENSORS (ROBOTICS)

TOUCHDOWN

- GS LANDING
- ... **TOUCHDOWN**
- RT AIRCRAFT LANDING
- APPROACH
- APPROACH AND LANDING TESTS (STS)
- DOWNRANGE
- SPACECRAFT LANDING

TOUCHDOWN--(cont.)

VERTICAL LANDING
VERTICAL MOTION
WATER LANDING

TOUGHNESS

GS MECHANICAL PROPERTIES
. **TOUGHNESS**
. . . NOTCH SENSITIVITY
RT ABRASION RESISTANCE
BRITTLENESS
COMPRESSIVE STRENGTH
CRACK INITIATION
DUCTILITY
FRACTURE STRENGTH
HARDNESS
IMPACT TESTS
J INTEGRAL
SHEAR PROPERTIES
TENSILE STRENGTH
WEAR RESISTANCE

TOURMALINE

GS ALUMINUM COMPOUNDS
. **TOURMALINE**
BORON COMPOUNDS
. **TOURMALINE**
MINERALS
. **TOURMALINE**
SILICON COMPOUNDS
. SILICATES
. . . SODIUM SILICATES
. . . **TOURMALINE**
SODIUM COMPOUNDS
. SODIUM SILICATES
. **TOURMALINE**
RT IGNEOUS ROCKS

TOURNESOLE SATELLITE

USE D-2 SATELLITES

TOURNIQUETS

GS MEDICAL EQUIPMENT
. **TOURNIQUETS**
RT BLOOD CIRCULATION
BLOOD FLOW
FIRST AID

TOW MISSILES

GS MISSILES
. SURFACE TO SURFACE MISSILES
. . . ANTITANK MISSILES
. . . **TOW MISSILES**

TOWED BODIES

UF DROGUES
TOWED TARGETS
RT AIRCRAFT BRAKES
∞ BODIES
BRAKES (FOR ARRESTING MOTION)
DRAG CHUTES
GLIDERS
LIFTING BODIES
PARACHUTES
SLEDS
STREAMLINED BODIES
SUBMERGED BODIES
TEST VEHICLES
TOWING
TRAILERS

TOWED TARGETS

USE TARGETS
TOWED BODIES

TOWER SHIELDING REACTOR 2

GS NUCLEAR REACTORS
. NUCLEAR RESEARCH AND TEST
REACTORS
. . . **TOWER SHIELDING REACTOR 2**
RT RADIATION SHIELDING

TOWERS

GS **TOWERS**
. AIRPORT TOWERS
. UMBILICAL TOWERS
RT AIR TRAFFIC CONTROL
ANTENNAS
BRIDGES (STRUCTURES)
COLUMNS (SUPPORTS)
CONCRETE STRUCTURES
CONSTRUCTION INDUSTRY
CRANES
PYLONS

TOWERS--(cont.)

∞ STRUCTURES
TANKS (CONTAINERS)

TOWING

RT CABLES (ROPES)
TOWED BODIES
TRACTORS
TRAILERS

TOWNSEND AVALANCHE

UF TOWNSEND SURFACES
GS AVALANCHES
. **TOWNSEND AVALANCHE**
ELECTROMAGNETIC ABSORPTION
ELECTRON AVALANCHE
ION IMPACT
SECONDARY EMISSION
∞ SURFACES

TOWNSEND DISCHARGE

GS ELECTRIC CURRENT
. ELECTRIC DISCHARGES
. . . **TOWNSEND DISCHARGE**
. . . . GAS DISCHARGES
. . . . TOROIDAL DISCHARGE
. . . . RING DISCHARGE
RT ELECTRODELESS DISCHARGES
ION IMPACT

TOWNSEND SURFACES

USE TOWNSEND AVALANCHE

TOXIC DISEASES

UF POISONING (TOXICOLOGY)
GS DISEASES
. **TOXIC DISEASES**
. . . CARBON MONOXIDE POISONING
. . . LEAD POISONING
RT CLOSTRIDIUM BOTULINUM
DIPHTHERIA
HYPEROXIA
∞ POISONING
TOXICITY
TOXICOLOGY

TOXIC HAZARDS

GS HAZARDS
. **TOXIC HAZARDS**
RT AIRCRAFT HAZARDS
FLIGHT HAZARDS
OCCUPATIONAL DISEASES
∞ POISONING
TOXICITY

TOXICITY

GS **TOXICITY**
. CARBON MONOXIDE POISONING
. LEAD POISONING
RT ACIDOSIS
ALKALOSIS
CHEMICAL PROPERTIES
ENDANGERED SPECIES
HERBICIDES
HYPEROXIA
POISONS
TOXIC DISEASES
TOXIC HAZARDS
TOXICOLOGY
TOXINS AND ANTITOXINS
VIRULENCE

TOXICITY AND SAFETY HAZARD

GS IRRITATION
. **TOXICITY AND SAFETY HAZARD**
RT ACROLEINS
BENZENE POISONING
BERYLLIUM POISONING
CARBON TETRACHLORIDE POISONING
CHEMICAL PROPERTIES
HAZARDOUS MATERIAL DISPOSAL (IN
SPACE)
HYDROCARBON POISONING
INTOXICATION

TOXICOLOGY

RT BENZENE POISONING
BERYLLIUM POISONING
CARBON TETRACHLORIDE POISONING
CURARE
ENDOTOXINS
FUNGICIDES
HAZARDS
HEMOPERFUSION

TOXICOLOGY--(cont.)

HYDROCARBON POISONING
INSECTICIDES
INTOXICATION
NONPOINT SOURCES
PESTICIDES
POLLUTION
RED TIDE
TOXIC DISEASES
TOXICITY
VACCINES

TOXINS AND ANTITOXINS

GS **TOXINS AND ANTITOXINS**
. ENDOTOXINS
. POLYBROMINATED BIPHENYLS
RT IMMUNITY
TOXICITY
VACCINES

TQM (QUALITY CONTROL)

USE TOTAL QUALITY MANAGEMENT

TRAAC SATELLITE

USE TRANSIT ATTITUDE CONTROL
SATELLITE

TRACE CONTAMINANTS

GS CONTAMINANTS
. **TRACE CONTAMINANTS**
RT CHEMICAL ELEMENTS
IMPURITIES
POLLUTION TRANSPORT
PURITY
∞ TRACING

TRACE ELEMENTS

RT ISOTOPIC LABELING
∞ NUTRIENTS
PARTICLE TRACKS
∞ TRACERS
∞ TRACING

∞ TRACERS

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AMMUNITION
ISOTOPIC LABELING
MARKING
TRACE ELEMENTS

TRACHEA

GS ANATOMY
. RESPIRATORY SYSTEM
. . . **TRACHEA**
RT BRONCHI
∞ TUBES

TRACHYTE

GS ROCKS
. IGNEOUS ROCKS
. . . **TRACHYTE**
RT SOILS
SYENITE

∞ TRACING

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT DRAWINGS
TRACE CONTAMINANTS
TRACE ELEMENTS

TRACKED VEHICLES

GS SURFACE VEHICLES
. MOTOR VEHICLES
. . . TRACTORS
. . . **TRACKED VEHICLES**
RT CRAWLER TRACTORS
∞ VEHICLES
VEHICULAR TRACKS

TRACKING (POSITION)

UF TARGET TRACKING
TRACKING STUDIES
GS **TRACKING (POSITION)**
. COMPENSATORY TRACKING
. INFRARED TRACKING
. MISSILE TRACKING
. MULTIPLE TARGET TRACKING
. OPTICAL TRACKING
. PHOTOGRAPHIC TRACKING

TRACKING (POSITION)--(cont.)

- . POLYSTATION DOPPLER TRACKING SYSTEM
- . PURSUIT TRACKING
- . RADAR TRACKING
- . RADIO TRACKING
- . . . WILDLIFE RADIOLOCATION
- . RANGE AND RANGE RATE TRACKING
- . SPACE DETECTION AND TRACKING SYSTEM
- . SPACECRAFT TRACKING
- . . . SATELLITE TRACKING
- . . . SATELLITE-TO-SATELLITE TRACKING
- . STAR TRACKERS
- . . . CCD STAR TRACKER
- . VIDEO LANDMARK ACQUISITION AND TRACKING
- RT AIR TRAFFIC CONTROL
- AIRCRAFT DETECTION
- APPROACH CONTROL
- DETECTION
- IDENTIFYING
- INSTRUMENT LANDING SYSTEMS
- LASER RANGER/TRACKER
- MULTISPECTRAL TRACKING
- TELESCOPES
- POSITION (LOCATION)
- RANGEFINDING
- RAY TRACKING
- SATELLITE DOPPLER POSITIONING
- SOLAR SENSORS
- SOUND LOCALIZATION
- SOUND RANGING
- TRACKING PROBLEM
- ∞ TRACKS

TRACKING AND DATA RELAY SATELLITES

USE TDR SATELLITES

TRACKING ANTENNAS

USE DIRECTIONAL ANTENNAS

TRACKING FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
- . BANDPASS FILTERS
- . . . TRACKING FILTERS
- . . . ELECTRIC FILTERS
- . . . TRACKING FILTERS
- RT ADAPTIVE FILTERS
- BANDSTOP FILTERS
- BANDWIDTH
- MULTIPLE TARGET TRACKING
- PHASE LOCKED SYSTEMS
- VIDEO LANDMARK ACQUISITION AND TRACKING

TRACKING NETWORKS

- GS TRACKING NETWORKS
- . DEEP SPACE NETWORK
- . GLOBAL TRACKING NETWORK
- . MANNED SPACE FLIGHT NETWORK
- . MATTS (SYSTEMS)
- . POLYSTATION DOPPLER TRACKING SYSTEM
- . RADAR NETWORKS
- . SPACE DETECTION AND TRACKING SYSTEM
- . SPACE FLIGHT TRACKING AND DATA NETWORK
- . STDN (NETWORK)
- RT ADVANCED RANGE INSTRUMENTATION SHIP
- DATA ACQUISITION
- GROUND SUPPORT EQUIPMENT
- MINITRACK SYSTEM
- MISSILE TRACKING
- ∞ NETWORKS
- ORION (RADIO INTERFEROMETRY NETWORK)
- SATELLITE TRACKING
- SATELLITE-TO-SATELLITE TRACKING
- SPACECRAFT TRACKING

TRACKING PROBLEM

- RT AUTOMATIC CONTROL
- CONTROL THEORY
- FEEDBACK CONTROL
- LINEAR SYSTEMS
- MULTIPLE TARGET TRACKING
- NONLINEAR SYSTEMS
- OPTIMAL CONTROL
- OUTPUT
- ∞ PROBLEMS
- TRACKING (POSITION)
- TRAJECTORY CONTROL

TRACKING PROBLEM--(cont.)

TRAJECTORY OPTIMIZATION

TRACKING RADAR

- GS RADAR
- . TRACKING RADAR
- . . . COBRA DANE (RADAR)
- RT COHERENT RADAR
- CONTINUOUS WAVE RADAR
- DIGITAL RADAR SYSTEMS
- MONOPULSE RADAR
- PULSE RADAR
- RADAR TRACKING
- SATELLITE-BORNE RADAR
- SEARCH RADAR
- SURVEILLANCE RADAR
- TRADEX RADAR SYSTEM
- TRAJECTORY MEASUREMENT

TRACKING STATIONS

- GS STATIONS
- . TRACKING STATIONS
- . . . DEEP SPACE INSTRUMENTATION FACILITY
- . . . GLOBAL TRACKING NETWORK
- . . . POLYSTATION DOPPLER TRACKING SYSTEM
- . . . SPACE DETECTION AND TRACKING SYSTEM
- . . . STDN (NETWORK)
- RT ∞ FENCES
- GROUND STATIONS
- GROUND SUPPORT EQUIPMENT
- JODRELL BANK OBSERVATORY
- ∞ MARS
- MINITRACK SYSTEM
- MISSILE TRACKING
- RADAR NETWORKS
- SATELLITE TRACKING
- SPACE FLIGHT TRACKING AND DATA NETWORK
- SPACECRAFT TRACKING

TRACKING STUDIES

USE TRACKING (POSITION)

∞ TRACKS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF TRAILS
- RT CONVEYORS
- GROUND TRACKS
- METEOR TRAILS
- MINITRACK SYSTEM
- PARTICLE TRACKS
- PARTICLE TRAJECTORIES
- SMOKE TRAILS
- TRACKING (POSITION)
- VEHICULAR TRACKS

TRACTION

- RT ADHESION
- FRICTION
- PULLING

TRACTORS

- GS SURFACE VEHICLES
- . MOTOR VEHICLES
- . . . TRACTORS
- . . . CRAWLER TRACTORS
- . . . TRACKED VEHICLES
- RT AGRICULTURE
- ELECTRIC MOTOR VEHICLES
- GROUND HANDLING
- HANDLING EQUIPMENT
- LUNAR EXCAVATION EQUIPMENT
- MATERIALS HANDLING
- PLANTING
- PLOWING
- SLEDS
- TOWING
- TRANSPORTATION
- TRUCKS
- ∞ VEHICLES

TRACTS

USE SITES

TRADEOFFS

- RT DECISION MAKING
- MANAGEMENT ANALYSIS
- MANAGEMENT PLANNING

TRADER AIRCRAFT

USE C-1A AIRCRAFT

TRADESCANTIA

- GS PLANTS (BOTANY)
- . TRADESCANTIA

TRADEX RADAR SYSTEM

- GS RADAR
- . TRADEX RADAR SYSTEM
- RT SEARCH RADAR
- ∞ SYSTEMS
- TARGET RECOGNITION
- TRACKING RADAR

TRAFFIC

- GS TRAFFIC
- . AIR TRAFFIC
- ACCIDENTS
- AVOIDANCE
- HARBORS
- TRANSPORTATION

TRAFFIC CONTROL

- GS TRAFFIC CONTROL
- . AIR TRAFFIC CONTROL
- . . . AUTOMATED EN ROUTE ATC
- . . . RADAR APPROACH CONTROL
- RT AIR TRAFFIC CONTROLLERS (PERSONNEL)
- AIRPORT TOWERS
- APPROACH CONTROL
- AVOIDANCE
- COLLISION AVOIDANCE
- ∞ CONTROL
- GROUND BASED CONTROL
- NATIONAL AVIATION SYSTEM

TRAGACANTH

- GS PLANTS (BOTANY)
- . TRAGACANTH

TRAILBLAZER 1 REENTRY VEHICLE

- UF TRAILBLAZER 1 ROCKET VEHICLE
- GS REENTRY VEHICLES
- . TRAILBLAZER 1 REENTRY VEHICLE
- RT HONEST JOHN ROCKET VEHICLE
- LANCE MISSILE
- MULTISTAGE ROCKET VEHICLES
- NIKE-AJAX MISSILE
- ROCKET VEHICLES
- SOLID PROPELLANT ROCKET ENGINES

TRAILBLAZER 1 ROCKET VEHICLE

USE TRAILBLAZER 1 REENTRY VEHICLE

TRAILBLAZER 2 REENTRY VEHICLE

- UF TRAILBLAZER 2 ROCKET VEHICLE
- GS REENTRY VEHICLES
- . TRAILBLAZER 2 REENTRY VEHICLE
- RT MULTISTAGE ROCKET VEHICLES
- ROCKET VEHICLES
- SOLID PROPELLANT ROCKET ENGINES
- TX-354 ENGINE

TRAILBLAZER 2 ROCKET VEHICLE

USE TRAILBLAZER 2 REENTRY VEHICLE

TRAILERS

- RT AUTOMOBILES
- COUPLINGS
- SLEDS
- TANK TRUCKS
- TOWED BODIES
- TOWING
- TRUCKS

TRAILING EDGE FLAPS

- UF VARIABLE AREA WINGS
- GS AIRFOILS
- . FLAPS (CONTROL SURFACES)
- . . . WING FLAPS
- . . . TRAILING EDGE FLAPS
- BRAKES (FOR ARRESTING MOTION)
- . AERODYNAMIC BRAKES
- . . . WING FLAPS
- . . . TRAILING EDGE FLAPS
- . AIRCRAFT BRAKES
- . . . WING FLAPS
- . . . TRAILING EDGE FLAPS
- CONTROL SURFACES
- . FLAPS (CONTROL SURFACES)
- . . . WING FLAPS
- . . . TRAILING EDGE FLAPS

TRAILING EDGE FLAPS--(cont.)

DRAG DEVICES
 . AERODYNAMIC BRAKES
 . . WING FLAPS

RT . . . TRAILING EDGE FLAPS

JET FLAPS
 LEADING EDGE SLATS
 SPLIT FLAPS
 VORTEX FLAPS

TRAILING EDGES

GS EDGES
 . **TRAILING EDGES**
 . . BLUNT TRAILING EDGES

RT AIRFOILS
 BLUNT LEADING EDGES
 LEADING EDGES
 SHARP LEADING EDGES
 VORTEX FLAPS

TRAILS

USE TRACKS

TRAINEES

USE STUDENTS

TRAINERS

USE TRAINING DEVICES

TRAINING

USE EDUCATION

TRAINING AIRCRAFT

GS **TRAINING AIRCRAFT**
 . ALPHA JET AIRCRAFT
 . CL-41 AIRCRAFT
 . DH 115 AIRCRAFT
 . G-91 AIRCRAFT
 . JAGUAR AIRCRAFT
 . JET PROVOST AIRCRAFT
 . L-29 JET TRAINER
 . T-2 AIRCRAFT
 . T-28 AIRCRAFT
 . T-33 AIRCRAFT
 . T-37 AIRCRAFT
 . T-38 AIRCRAFT
 . T-39 AIRCRAFT
 . TS-11 AIRCRAFT
 RT ∞ AIRCRAFT
 BOMBER AIRCRAFT
 FIGHTER AIRCRAFT
 GENERAL AVIATION AIRCRAFT
 JET AIRCRAFT
 LIGHT AIRCRAFT
 ∞ MILITARY AIRCRAFT
 ∞ SUBSONIC AIRCRAFT

TRAINING ANALYSIS

RT ∞ ANALYZING
 ∞ DEVELOPMENT
 EDUCATION
 HANDBOOKS
 LEARNING
 PERSONNEL DEVELOPMENT
 PLANNING
 RETRAINING

TRAINING DEVICES

UF TRAINERS
 GS **TRAINING DEVICES**
 . TEACHING MACHINES
 RT ALTITUDE SIMULATION
 CHILD DEVICE
 COCKPIT SIMULATORS
 ∞ DEVICES
 EDUCATION
 EDUCATIONAL TELEVISION
 FLIGHT SIMULATORS
 MULTIMEDIA
 ONBOARD EQUIPMENT
 SIMULATORS
 VISUAL AIDS

TRAINING EVALUATION

GS EVALUATION
 . **TRAINING EVALUATION**
 RT CERTIFICATION
 EXAMINATION
 INSTRUCTORS
 KNOWLEDGE
 LEARNING
 ∞ PERFORMANCE
 REVIEWING
 SCHOOLS

TRAINING EVALUATION--(cont.)

STUDENTS

TRAINING SIMULATORS

UF SIMULATOR TRAINING
 GS SIMULATORS
 . **TRAINING SIMULATORS**
 . . FLIGHT SIMULATORS
 . . . COCKPIT SIMULATORS
 . . . SPACECRAFT CABIN SIMULATORS
 RT ASTRONAUT TRAINING
 CENTRIFUGES
 CONTROL SIMULATION
 FLIGHT SIMULATION
 FLIGHT TRAINING
 LANDING SIMULATION
 LUNAR ORBIT AND LANDING
 SIMULATORS
 ∞ MISSILE SIMULATORS
 PILOT TRAINING
 SPACE FLIGHT TRAINING
 VIRTUAL REALITY

TRAJECTORIES

GS **TRAJECTORIES**
 . ABORT TRAJECTORIES
 . ASCENT TRAJECTORIES
 . BALLISTIC TRAJECTORIES
 . DESCENT TRAJECTORIES
 . REENTRY TRAJECTORIES
 . HYPERBOLIC TRAJECTORIES
 . INTERORBITAL TRAJECTORIES
 . MIDCOURSE TRAJECTORIES
 . MISSILE TRAJECTORIES
 . MOLECULAR TRAJECTORIES
 . PARTICLE TRAJECTORIES
 . . ELECTRON TRAJECTORIES
 . RENDEZVOUS TRAJECTORIES
 . ROUND TRIP TRAJECTORIES
 . CIRCUMLUNAR TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . EARTH-VENUS TRAJECTORIES
 . . INTERPLANETARY TRAJECTORIES
 . . . EARTH-MARS TRAJECTORIES
 . . . EARTH-MERCURY TRAJECTORIES
 . . LUNAR TRAJECTORIES
 . . . CIRCUMLUNAR TRAJECTORIES
 . . . EARTH-MOON TRAJECTORIES
 . . . MOON-EARTH TRAJECTORIES
 . SPINNING UNGUIDED ROCKET
 TRAJECTORY
 . UNDERWATER TRAJECTORIES
 RT APEXES
 BALLISTICS
 ∞ CURVES
 DOWNRANGE
 EQUATIONS OF MOTION
 ∞ FLIGHT
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 FLIGHT PATHS
 FLIGHT TIME
 GREAT CIRCLES
 MISSILES
 ORBITS
 ORDNANCE
 PARABOLIC FLIGHT
 ∞ PATHS
 ROCKET FLIGHT
 SPACE FLIGHT
 TRANSFER ORBITS

TRAJECTORY ANALYSIS

RT ∞ ANALYZING
 ASTRODYNAMICS
 BALLISTICS
 CAPTURE EFFECT
 CELESTIAL MECHANICS
 EQUATIONS OF MOTION
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 IMPACT PREDICTION
 MATHEMATICAL MODELS
 NUMERICAL ANALYSIS
 ORBITAL MECHANICS
 PREFLIGHT ANALYSIS
 SYSTEMS ANALYSIS
 TRAJECTORY PLANNING

TRAJECTORY CONTROL

UF RANGE CONTROL
 GS **TRAJECTORY CONTROL**
 . TRAJECTORY OPTIMIZATION
 RT ATTITUDE CONTROL
 ∞ CONTROL

TRAJECTORY CONTROL--(cont.)

DRIFT RATE
 GUIDANCE (MOTION)
 HOMING DEVICES
 LANDING SITES
 OPTIMAL CONTROL
 OPTIMIZATION
 POST BOOST PROPULSION SYSTEM
 RANGE SAFETY
 THRUST PROGRAMMING
 TRACKING PROBLEM
 TRAJECTORY PLANNING

TRAJECTORY MEASUREMENT

RT BALLISTIC CAMERAS
 BALLISTICS
 FLIGHT MECHANICS
 ∞ MEASUREMENT
 TELEMETRY
 TRACKING RADAR

TRAJECTORY OPTIMIZATION

GS OPTIMIZATION
 . **TRAJECTORY OPTIMIZATION**
 TRAJECTORY CONTROL
 . **TRAJECTORY OPTIMIZATION**
 RT AIRCRAFT MANEUVERS
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 GENETIC ALGORITHMS
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 TRACKING PROBLEM
 TRAJECTORY PLANNING

TRAJECTORY PLANNING

UF PATH PLANNING
 GS PLANNING
 . **TRAJECTORY PLANNING**
 RT ROBOT DYNAMICS
 ROBOTICS
 TRAJECTORY ANALYSIS
 TRAJECTORY CONTROL
 TRAJECTORY OPTIMIZATION

TRANQUILIZERS

GS DRUGS
 . **TRANQUILIZERS**
 RT CENTRAL NERVOUS SYSTEM
 DEPRESSANTS
 HYPERTENSION
 SEDATIVES

TRANSALL C-160 AIRCRAFT

USE C-160 AIRCRAFT

TRANSATMOSPHERIC VEHICLES

RT AEROSPACE PLANES
 AEROSPACE VEHICLES
 ∞ AIRCRAFT
 AIRCRAFT DESIGN
 NATIONAL AEROSPACE PLANE
 PROGRAM
 ∞ SPACECRAFT
 SPACECRAFT DESIGN
 X-30 VEHICLE

TRANSCEIVERS

USE TRANSMITTER RECEIVERS

TRANSCENDENTAL FUNCTIONS

GS FUNCTIONS (MATHEMATICS)
 . **TRANSCENDENTAL FUNCTIONS**
 . . EXPONENTIAL FUNCTIONS
 . . . LOGARITHMS
 . . PERIODIC FUNCTIONS
 . . . TRIGONOMETRIC FUNCTIONS
 COSINE SERIES
 SINE SERIES
 TANGENTS

TRANSCONDUCTANCE

GS ELECTRICAL PROPERTIES
 . ELECTRICAL IMPEDANCE
 . . ELECTRICAL RESISTANCE
 . . . **TRANSCONDUCTANCE**
 IMPEDANCE
 . ELECTRICAL IMPEDANCE
 . . ELECTRICAL RESISTANCE
 . . . **TRANSCONDUCTANCE**
 RT ∞ CONDUCTIVITY
 ELECTRIC POTENTIAL
 ELECTRODES
 ELECTRON TUBES

TRANSCONDUCTANCE--(cont.)

LINEAR CIRCUITS
 LOW CONDUCTIVITY
 ∞ LOW RESISTANCE
 OHMMETERS
 OHMS LAW
 RC CIRCUITS
 REACTANCE
 ∞ RESISTANCE
 RL CIRCUITS
 RLC CIRCUITS
 SOLID ELECTRODES
 VOLT-AMPERE CHARACTERISTICS

TRANSCONTINENTAL SYSTEMS

RT CONTINENTS
 ∞ SYSTEMS
 TELECOMMUNICATION
 TRANSPORTATION

TRANSDUCERS

GS **TRANSDUCERS**
 . DIGITAL TRANSDUCERS
 . ELECTRONIC TRANSDUCERS
 . IMAGE TRANSDUCERS
 . INTERDIGITAL TRANSDUCERS
 . MAGNETIC TRANSDUCERS
 . MODE TRANSFORMERS
 . PIEZOELECTRIC TRANSDUCERS
 . PIEZOELECTRIC GAGES
 . PIEZORESISTIVE TRANSDUCERS
 . PIEZOELECTRIC GAGES
 . PRESSURE SENSORS
 . BOURDON TUBES
 . QUARTZ TRANSDUCERS
 . SOUND TRANSDUCERS
 . ELECTROACOUSTIC TRANSDUCERS
 . . . HYDROPHONES
 . . . LOUDSPEAKERS
 . . . MICROPHONES
 . THERMOPILES
 . TORQUERS
 . ULTRASONIC WAVE TRANSDUCERS
 . BULK ACOUSTIC WAVE DEVICES
 RT CONTROL EQUIPMENT
 ∞ CONVERTERS
 DATA CONVERTERS
 ∞ DETECTORS
 ENERGY CONVERSION EFFICIENCY
 EXTENSOMETERS
 FORM FACTORS
 INSTRUMENT RECEIVERS
 INSTRUMENT TRANSMITTERS
 ∞ INSTRUMENTS
 MEASURING INSTRUMENTS
 METEOROLOGICAL INSTRUMENTS
 PHOTOELECTRIC CELLS
 ∞ PROBES
 RECORDING INSTRUMENTS
 REMOTE SENSORS
 ∞ SENSORS
 STRAIN GAGES
 TEMPERATURE MEASURING
 INSTRUMENTS
 ULTRASONIC CLEANING
 VIBRATION METERS

TRANSEARTH INJECTION

GS INJECTION
 . **TRANSEARTH INJECTION**
 RT INJECTION GUIDANCE
 MIDCOURSE GUIDANCE
 ORBITAL MECHANICS
 TRANSFER ORBITS

TRANSEQUATORIAL PROPAGATION

GS TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . **TRANSEQUATORIAL PROPAGATION**
 . . . SIGNAL TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . **TRANSEQUATORIAL PROPAGATION**
 . . . WAVE PROPAGATION
 . . . **TRANSEQUATORIAL PROPAGATION**
 RT EQUATORS
 F 2 REGION
 ∞ PROPAGATION

TRANSFER

USE TRANSFERRING

TRANSFER FUNCTIONS

GS FUNCTIONS (MATHEMATICS)

TRANSFER FUNCTIONS--(cont.)

. **TRANSFER FUNCTIONS**
 . . . LOOP TRANSFER FUNCTIONS
 . . . MODULATION TRANSFER FUNCTION
 . . . OPTICAL TRANSFER FUNCTION
 RT AMPLIFICATION
 AUTOMATIC CONTROL
 BANDWIDTH
 COUPLING COEFFICIENTS
 DAMPING
 DYNAMIC CHARACTERISTICS
 DYNAMIC RESPONSE
 FEEDBACK
 FEEDBACK CIRCUITS
 HIGH GAIN
 IMPEDANCE MATCHING
 LOGARITHMIC RECEIVERS
 NEGATIVE FEEDBACK
 NONLINEAR FEEDBACK
 NYQUIST DIAGRAM
 OUTPUT
 POSITIVE FEEDBACK
 SELF OSCILLATION
 SENSITIVITY
 ∞ SYSTEMS
 TIME CONSTANT
 TRANSIENT RESPONSE

TRANSFER OF TRAINING

GS LEARNING
 . **TRANSFER OF TRAINING**
 RT ABILITIES
 EDUCATION
 GENERALIZATION (PSYCHOLOGY)

TRANSFER ORBITS

UF HOHMANN TRAJECTORIES
 HOHMANN TRANSFER ORBITS
 ORBITAL TRANSFER
 GS ORBITS
 . ELLIPTICAL ORBITS
 . . **TRANSFER ORBITS**
 . . . INTERPLANETARY TRANSFER
 ORBITS
 . SPACECRAFT ORBITS
 . . **TRANSFER ORBITS**
 . . . INTERPLANETARY TRANSFER
 ORBITS
 RT AEROASSIST
 AEROBRAKING
 AEROCAPTURE
 AEROMANEUVERING
 CIRCULUNAR TRAJECTORIES
 EARTH ORBITAL RENDEZVOUS
 EARTH ORBITS
 EARTH-MARS TRAJECTORIES
 EARTH-MERCURY TRAJECTORIES
 EARTH-MOON TRAJECTORIES
 EARTH-VENUS TRAJECTORIES
 INTERPLANETARY TRAJECTORIES
 LUNAR ORBITS
 LUNAR TRAJECTORIES
 MOON-EARTH TRAJECTORIES
 ORBIT INSERTION
 ORBITAL LAUNCHING
 ORBITAL MECHANICS
 PARKING ORBITS
 PLANETARY ORBITS
 SATELLITE ORBITS
 SOLAR ORBITS
 SPACE RENDEZVOUS
 SPACECRAFT DOCKING
 TRAJECTORIES
 TRANSEARTH INJECTION
 TRANSFERRING
 TRANSLUNAR INJECTION

TRANSFER TUNNELS

GS PASSAGEWAYS
 . **TRANSFER TUNNELS**
 RT ENTRANCES
 ∞ TUNNELS

TRANSFERRED ELECTRON DEVICES

UF TED
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . **TRANSFERRED ELECTRON DEVICES**
 RT DIFFRACTION RADIATION
 ELECTRON TRANSFER
 GALLIUM ARSENIDES
 INDIUM PHOSPHIDES
 MICROWAVE AMPLIFIERS
 MICROWAVE OSCILLATORS

TRANSFERRING

UF TRANSFER
 GS **TRANSFERRING**
 . DROP TRANSFER
 RT CHARGE TRANSFER
 ELECTRON TRANSFER
 ENERGY TRANSFER
 EXCHANGING
 HEAT TRANSFER
 MASS TRANSFER
 MATERIALS HANDLING
 MOMENTUM TRANSFER
 ∞ SHIFT
 TECHNOLOGY TRANSFER
 TRANSFER ORBITS
 TRANSPORTATION

TRANSFORM INTEGRALS

USE INTEGRAL TRANSFORMATIONS

TRANSFORMATION TENSORS

USE TENSORS

TRANSFORMATIONS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT FUJITA METHOD
 FUNCTIONS (MATHEMATICS)
 ORDER-DISORDER TRANSFORMATIONS
 PHASE TRANSFORMATIONS
 TRANSFORMATIONS (MATHEMATICS)

TRANSFORMATIONS (MATHEMATICS)

UF TRANSFORMS
 GS **TRANSFORMATIONS (MATHEMATICS)**
 . COORDINATE TRANSFORMATIONS
 . HOUSEHOLDER TRANSFORMATIONS
 . INTEGRAL TRANSFORMATIONS
 . . . FOURIER TRANSFORMATION
 . . . FAST FOURIER TRANSFORMATIONS
 . . . FOURIER-BESSEL TRANSFORMATIONS
 . . . HILBERT TRANSFORMATION
 . . . LAPLACE TRANSFORMATION
 . LINEAR TRANSFORMATIONS
 RT FUJITA METHOD
 FUNCTIONS (MATHEMATICS)
 GAUGE INVARIANCE
 RACA COEFFICIENT
 ∞ TRANSFORMATIONS
 WAVELET ANALYSIS

TRANSFORMERS

GS **TRANSFORMERS**
 . INSTRUMENT TRANSFORMERS
 . MODE TRANSFORMERS
 . VOLTAGE CONVERTERS (AC TO AC)
 RT AMPLIFIERS
 BALLASTS (IMPEDANCES)
 CIRCUIT PROTECTION
 ∞ CONVERTERS
 COUPLING CIRCUITS
 DIPLEXERS
 ELECTRIC COILS
 ELECTRIC FILTERS
 ELECTRIC MOTORS
 ELECTRIC REACTORS
 ELECTRICAL GROUNDING
 INDUCTANCE
 MAGNET COILS
 MAGNETIC CIRCUITS
 MAGNETIC CORES
 OSCILLATORS
 PHASE CONTROL
 PLASMA CONTROL
 POWER SUPPLY CIRCUITS
 RESOLVERS
 SATURABLE REACTORS
 SOLID STATE DEVICES
 TOROIDS
 UP-CONVERTERS
 VOLTAGE REGULATORS

TRANSFORMS

USE TRANSFORMATIONS (MATHEMATICS)

TRANSFUSION

RT BLOOD
 FIRST AID
 MEDICAL SCIENCE
 SYRINGES
 VEINS

TRANSGRANULAR CORROSION

GS CHEMICAL ATTACK

TRANSGRANULAR CORROSION--(cont.)

GS **TRANSGRANULAR CORROSION**
CORROSION
RT **TRANSGRANULAR CORROSION**
CORROSION TESTS
GRAIN BOUNDARIES
INTERGRANULAR CORROSION
METAL FATIGUE
PROTECTIVE COATINGS
STRESS CORROSION

TRANSHORIZON RADIO PROPAGATION

GS TRANSMISSION
ELECTROMAGNETIC WAVE
TRANSMISSION
RADIO TRANSMISSION
TRANSHORIZON RADIO
PROPAGATION
SIGNAL TRANSMISSION
RADIO TRANSMISSION
TRANSHORIZON RADIO
PROPAGATION
RT RADIO ATTENUATION
RADIO SIGNALS

TRANSIENT HEATING

GS HEATING
TRANSIENT HEATING
PULSE HEATING
SHOCK HEATING
RT AERODYNAMIC HEATING

TRANSIENT LOADS

SN (LIMITED TO FORCE LOADS)
GS LOADS (FORCES)
DYNAMIC LOADS
TRANSIENT LOADS
GUST LOADS
IMPACT LOADS
LANDING LOADS
SHOCK LOADS
BLAST LOADS
RT AERODYNAMIC LOADS
CONTACT LOADS
CYCLIC LOADS
RANDOM LOADS
STRUCTURAL DESIGN CRITERIA

TRANSIENT OSCILLATIONS

GS OSCILLATIONS
TRANSIENT OSCILLATIONS
RT DAMPING
ELECTRON OSCILLATIONS
LASERS
MASERS
PILOT INDUCED OSCILLATION
STIMULATED EMISSION DEVICES
TRANSVERSE OSCILLATION

TRANSIENT PRESSURES

GS PRESSURE
TRANSIENT PRESSURES
RT MASS FLOW RATE
PRESSURE SENSORS

TRANSIENT REACTOR TEST FACILITY

UF TREAT (TEST FACILITY)
GS TEST FACILITIES
TRANSIENT REACTOR TEST FACILITY
RT NUCLEAR RESEARCH AND TEST
REACTORS
REACTOR SAFETY
SNAP

TRANSIENT RESPONSE

GS DYNAMIC CHARACTERISTICS
TRANSIENT RESPONSE
RESPONSES
DYNAMIC RESPONSE
TRANSIENT RESPONSE
RT AMPLIFICATION
COMPENSATION
DAMPING
DYNAMIC STABILITY
IMPEDANCE
PRESSURE SENSORS
RESONANT FREQUENCIES
RESPONSE BIAS
SENSITIVITY
STROKING TESTS
TIME CONSTANT
TRANSFER FUNCTIONS

TRANSIENTS (SURGES)

USE SURGES

TRANSISTOR AMPLIFIERS

GS AMPLIFIERS
TRANSISTOR AMPLIFIERS
ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTOR AMPLIFIERS
RT CURRENT AMPLIFIERS
DIFFERENTIAL AMPLIFIERS
FEEDBACK AMPLIFIERS
INTERMEDIATE FREQUENCY AMPLIFIERS
OPERATIONAL AMPLIFIERS
POWER AMPLIFIERS
PREAMPLIFIERS
TRANSISTORS

TRANSISTOR CIRCUITS

GS CIRCUITS
TRANSISTOR CIRCUITS
RT DTL INTEGRATED CIRCUITS
ELECTRONICS
HYBRID CIRCUITS
INTEGRATED CIRCUITS
LINEAR INTEGRATED CIRCUITS
LOGIC CIRCUITS
MICROELECTRONICS
PRINTED CIRCUITS
TTL INTEGRATED CIRCUITS

TRANSISTOR LOGIC

RT BOOLEAN ALGEBRA
LOGIC
LOGIC CIRCUITS
LOGIC DESIGN
THRESHOLD LOGIC

TRANSISTOR-TRANSISTOR-LOGIC INTEG CIRCUITS

USE TTL INTEGRATED CIRCUITS

TRANSISTORS

GS ELECTRONIC EQUIPMENT
SOLID STATE DEVICES
SEMICONDUCTOR DEVICES
TRANSISTORS
BIPOLAR TRANSISTORS
FIELD EFFECT TRANSISTORS
CHARGE FLOW DEVICES
JFET
MODFETS
HIGH ELECTRON MOBILITY
TRANSISTORS
MODFETS
JUNCTION TRANSISTORS
JFET
PHOTOTRANSISTORS
SILICON TRANSISTORS
SOS (SEMICONDUCTORS)
RT GERMANIUM DIODES
ION IMPLANTATION
MINIATURIZATION
PENTODES
RESONANT TUNNELING
SIS (SEMICONDUCTORS)
TETRODES
TRANSISTOR AMPLIFIERS
TRAPATT DEVICES
TRIODES

TRANSIT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT OCCULTATION
TRANSIT SATELLITES
TRANSITS

TRANSIT ATTITUDE CONTROL SATELLITE

UF TRAAC SATELLITE
GS ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
TRANSIT ATTITUDE CONTROL
SATELLITE
RT CONTROL
SATELLITE ATTITUDE CONTROL

TRANSIT NAVIGATION SYSTEM

GS SATELLITE NAVIGATION SYSTEMS
TRANSIT NAVIGATION SYSTEM
RT NASA PROGRAMS
NAVIGATION SATELLITES
NOVA SATELLITES
TRANSIT SATELLITES

TRANSIT SATELLITES

GS ARTIFICIAL SATELLITES
NAVIGATION SATELLITES
TRANSIT SATELLITES
RT DISCOS (SATELLITE ATTITUDE
CONTROL)
TRANSIT
TRANSIT NAVIGATION SYSTEM

TRANSIT TIME

SN (NOT LIMITED TO ASTRONOMICAL
TIMES OF TRANSIT)
GS TIME
TRANSIT TIME
RT BARRITT DIODES
CATT DEVICES
FLIGHT TIME
MOTION

TRANSITION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOUNDARY LAYER TRANSITION
ELECTRON TRANSITIONS
FORBIDDEN TRANSITIONS
PHASE TRANSFORMATIONS

TRANSITION FLIGHT

RT AIRCRAFT MANEUVERS
FLIGHT
HORIZONTAL FLIGHT
HOVERING
V/STOL AIRCRAFT
VERTICAL FLIGHT

TRANSITION FLOW

GS FLUID FLOW
GAS FLOW
MOLECULAR FLOW
TRANSITION FLOW
RT BOUNDARY LAYER TRANSITION
FREE MOLECULAR FLOW
PERIOD DOUBLING
RAREFIED GAS DYNAMICS
SLIP FLOW

TRANSITION LAYERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOUNDARY LAYER TRANSITION
INTERLAYERS
LAMINAR FLOW
PLASMA LAYERS
SHEAR LAYERS
SHOCK LAYERS
SHOCK WAVES
SURFACE LAYERS
TURBULENT FLOW

TRANSITION METALS

GS METALS
TRANSITION METALS
Cadmium
Cadmium isotopes
Chromium
Chromium isotopes
Cobalt
Cobalt isotopes
Cobalt 58
Cobalt 60
Copper
Copper isotopes
Gold
Gold isotopes
Gold 198
Hafnium
Hafnium isotopes
Iridium
Iridium isotopes
Iron
Iron isotopes
Iron 57
Iron 58
Iron 59
Manganese
Manganese isotopes
Mercury (metal)
Molybdenum
Nickel
Nickel isotopes
Niobium
Niobium isotopes
Niobium 95

TRANSITION METALS--(cont.)

. . . OSMIUM
 . . . OSMIUM ISOTOPES
 . . . PALLADIUM
 . . . PLATINUM
 . . . PLATINUM ISOTOPES
 . . . RHENIUM
 . . . RHENIUM ISOTOPES
 . . . RHODIUM
 . . . RHODIUM ISOTOPES
 . . . RUTHENIUM
 . . . RUTHENIUM ISOTOPES
 . . . SCANDIUM
 . . . SCANDIUM ISOTOPES
 . . . SILVER
 . . . SILVER ISOTOPES
 . . . TANTALUM
 . . . TANTALUM ISOTOPES
 . . . TECHNETIUM
 . . . TECHNETIUM ISOTOPES
 . . . TITANIUM
 . . . TITANIUM ISOTOPES
 . . . TUNGSTEN
 . . . TUNGSTEN ISOTOPES
 . . . VANADIUM
 . . . VANADIUM ISOTOPES
 . . . YTTRIUM
 . . . YTTRIUM ISOTOPES
 . . . ZINC
 . . . ZINC ISOTOPES
 . . . ZIRCONIUM
 . . . ZIRCONIUM ISOTOPES
 ZIRCONIUM 95
 RT ACTINIDE SERIES
 COMPLEX COMPOUNDS
 METAL NITRIDES
 PALLADIUM COMPOUNDS
 RARE EARTH ELEMENTS
 REFRACTORY METALS
 RUTHENIUM COMPOUNDS
 SHAPE MEMORY ALLOYS
 TRANSURANIUM ELEMENTS

TRANSITION POINTS

RT BOUNDARY LAYER TRANSITION
 ∞ EQUILIBRIUM
 KNUDSEN FLOW
 PHASE DIAGRAMS
 REYNOLDS NUMBER

TRANSITION PRESSURE

GS PRESSURE
 . . . **TRANSITION PRESSURE**
 RT HIGH PRESSURE
 HYDROSTATIC PRESSURE
 PHASE TRANSFORMATIONS
 PRESSURE EFFECTS

TRANSITION PROBABILITIES

RT ELECTRON TRANSITIONS
 EXCITATION
 FERMI SURFACES
 NUCLEAR CAPTURE
 PROBABILITY THEORY
 SPECTRA

TRANSITION TEMPERATURE

GS TEMPERATURE
 . . . **TRANSITION TEMPERATURE**
 RT GLASS TRANSITION TEMPERATURE
 HEAT OF FUSION
 KONDO EFFECT
 LIQUID PHASES
 MELTING POINTS
 PHASE DIAGRAMS
 PHASE TRANSFORMATIONS
 SOLIDIFICATION
 SUPERCONDUCTING POWER
 TRANSMISSION
 SUPERCONDUCTIVITY

TRANSITS

SN (EXCLUDES PARTIAL OR TOTAL
 OCCULTATION OF ONE BODY BY
 ANOTHER)
 GS MEASURING INSTRUMENTS
 . . . OPTICAL MEASURING INSTRUMENTS
 . . . **TRANSITS**
 . . . THEODOLITES
 CINETHODOLITES
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 . . . **TRANSITS**
 . . . THEODOLITES
 CINETHODOLITES

TRANSITS--(cont.)

RT COMPASSES
 SEXTANTS
 ∞ TRANSIT

TRANSLATING

GS **TRANSLATING**
 . . . MACHINE TRANSLATION
 RT DECODING
 DOCUMENTATION
 ∞ INTERPRETATION
 LANGUAGES
 TECHNICAL WRITING
 ∞ TRANSLATORS

TRANSLATIONAL MOTION

GS **TRANSLATIONAL MOTION**
 . . . THREE DIMENSIONAL MOTION
 . . . THREE DIMENSIONAL FLOW
 . . . KARMAN-BODEWADT FLOW
 . . . SECONDARY FLOW
 RT ∞ MOTION
 RACKS (GEARS)
 RIGID STRUCTURES

∞ TRANSLATORS

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPUTER PROGRAMS
 DECODERS
 DIGITAL TO VOICE TRANSLATORS
 LANGUAGE PROGRAMMING
 REPEATERS
 TRANSLATING

TRANSLUCENCE

GS ELECTROMAGNETIC PROPERTIES
 . . . OPTICAL PROPERTIES
 . . . **TRANSLUCENCE**
 RT LIGHT TRANSMISSION
 OPACITY
 OPTICAL DENSITY
 TRANSMISSIVITY
 TRANSPARENCE

TRANSLUNAR INJECTION

GS INJECTION
 . . . **TRANSLUNAR INJECTION**
 RT INJECTION GUIDANCE
 MIDCOURSE GUIDANCE
 ORBITAL MECHANICS
 TRANSFER ORBITS

TRANSLUNAR SPACE

USE INTERPLANETARY SPACE

TRANSMISSION

UF COAXIAL TRANSMISSION
 GS **TRANSMISSION**
 . . . DEMULTIPLEXING
 . . . ELECTRIC POWER TRANSMISSION
 . . . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . . LIGHT TRANSMISSION
 . . . LIGHT SCATTERING
 . . . HALOS
 . . . RADAR TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . DOUBLE SIDEBAND TRANSMISSION
 . . . IONOSPHERIC PROPAGATION
 IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . MICROWAVE ATTENUATION
 . . . MICROWAVE TRANSMISSION
 . . . MULTIPATH TRANSMISSION
 . . . SHORT WAVE RADIO
 TRANSMISSION
 . . . SINGLE SIDEBAND TRANSMISSION
 . . . SPREAD SPECTRUM TRANSMISSION
 . . . TRANSEQUATORIAL PROPAGATION
 . . . TRANSHORIZON RADIO
 PROPAGATION
 . . . SCATTER PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . TELEVISION TRANSMISSION
 . . . HEAT TRANSMISSION
 . . . HEAT TRANSFER
 . . . AERODYNAMIC HEAT TRANSFER
 HYPERSONIC HEAT TRANSFER
 SUPERSONIC HEAT TRANSFER
 . . . CONDUCTIVE HEAT TRANSFER
 . . . CONVECTIVE HEAT TRANSFER
 . . . LAMINAR HEAT TRANSFER

TRANSMISSION--(cont.)

. . . RADIATIVE HEAT TRANSFER
 . . . TURBULENT HEAT TRANSFER
 . . . MULTIPLEXING
 . . . CODE DIVISION MULTIPLEXING
 . . . FREQUENCY DIVISION MULTIPLEXING
 . . . TIME DIVISION MULTIPLEXING
 . . . WAVELENGTH DIVISION
 MULTIPLEXING
 . . . SELF PROPAGATION
 . . . SIGNAL TRANSMISSION
 . . . DATA TRANSMISSION
 . . . AUTOMATIC PICTURE
 TRANSMISSION
 . . . MULTIPLE ACCESS
 . . . ALOHA SYSTEM
 CODE DIVISION MULTIPLE ACCESS
 FREQUENCY DIVISION MULTIPLE
 ACCESS
 . . . PACKET TRANSMISSION
 ALOHA SYSTEM
 . . . SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 . . . RADAR TRANSMISSION
 . . . RADIO TRANSMISSION
 . . . DOUBLE SIDEBAND TRANSMISSION
 . . . IONOSPHERIC PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . MICROWAVE ATTENUATION
 . . . MICROWAVE TRANSMISSION
 . . . MULTIPATH TRANSMISSION
 . . . SHORT WAVE RADIO
 TRANSMISSION
 . . . SINGLE SIDEBAND TRANSMISSION
 . . . TRANSEQUATORIAL PROPAGATION
 . . . TRANSHORIZON RADIO
 PROPAGATION
 . . . SATELLITE TRANSMISSION
 . . . TELEMETRY
 . . . BIOTELEMETRY
 . . . P.A.C.M. TELEMETRY
 . . . PCM TELEMETRY
 . . . RADIO TELEMETRY
 . . . PULSE FREQUENCY MODULATION
 TELEMETRY
 . . . TELEVISION TRANSMISSION
 . . . SOUND TRANSMISSION
 . . . STRESS PROPAGATION
 . . . TELEPHONY
 . . . WAVE PROPAGATION
 . . . ACOUSTIC PROPAGATION
 . . . DIFFRACTION PROPAGATION
 . . . GROUND WAVE PROPAGATION
 . . . IONOSPHERIC PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . LIGHT SCATTERING
 . . . HALOS
 . . . SCATTER PROPAGATION
 . . . IONOSPHERIC F-SCATTER
 PROPAGATION
 . . . SHOCK WAVE PROPAGATION
 . . . TRANSEQUATORIAL PROPAGATION
 RT ABSORPTANCE
 ATMOSPHERIC ATTENUATION
 ATTENUATION
 BROADCASTING
 ∞ CONDUCTION
 DIFFRACTION
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC RADIATION
 OPTICAL FILTERS
 OUTPUT
 ∞ PROPAGATION
 RADAR ATTENUATION
 RADIO ATTENUATION
 REFLECTION
 REFRACTION
 SIGNAL REFLECTION
 TELECOMMUNICATION
 TRANSMISSIVITY
 TRANSMITTANCE
 WAVE DISPERSION

TRANSMISSION CIRCUITS

GS CIRCUITS
 . . . **TRANSMISSION CIRCUITS**
 RT CIRCUIT PROTECTION
 ELECTRIC POWER TRANSMISSION
 SIGNAL STABILIZATION
 STRIP TRANSMISSION LINES
 TELECOMMUNICATION

TRANSMISSION EFFICIENCY

GS EFFICIENCY
 . **TRANSMISSION EFFICIENCY**
 RT ALOHA SYSTEM
 ATTENUATION COEFFICIENTS
 BIT ERROR RATE
 CARRIER TO NOISE RATIOS
 DATA TRANSMISSION
 DOWNLINKING
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 FREQUENCY HOPPING
 INTERSYMBOLIC INTERFERENCE
 NETWORK CONTROL
 OPACITY
 PACKET TRANSMISSION
 PACKETS (COMMUNICATION)
 POWER EFFICIENCY
 SIGNAL TRANSMISSION
 TRANSMISSION RATE
 (COMMUNICATIONS)
 TRANSMITTANCE
 UPLINKING

TRANSMISSION ELECTRON MICROSCOPY

UF TEM (MICROSCOPY)
 GS MICROSCOPY
 . ELECTRON MICROSCOPY
 . **TRANSMISSION ELECTRON MICROSCOPY**
 RT ELECTRON BEAMS
 ELECTRON SCATTERING
 FIELD EMISSION
 ION MICROSCOPES
 MAGNETIC LENSES
 MICROANALYSIS
 PHASE CONTRAST
 SCANNING TUNNELING MICROSCOPY

TRANSMISSION FLUIDS

RT FLUID TRANSMISSION LINES
 ∞ FLUIDS
 HYDRAULIC FLUIDS
 WORKING FLUIDS

TRANSMISSION LINES

UF TRUNKS (LINES)
 GS **TRANSMISSION LINES**
 . COMMUNICATION CABLES
 . COAXIAL CABLES
 . FLUID TRANSMISSION LINES
 . POWER LINES
 . STRIP TRANSMISSION LINES
 . MICROSTRIP TRANSMISSION LINES
 . SUBMARINE CABLES
 . UNDERGROUND TRANSMISSION LINES
 RT ACOUSTIC DELAY LINES
 ANTENNA COUPLERS
 ANTENNA FEEDS
 BACKWARD WAVES
 ∞ CABLES
 CIRCUIT PROTECTION
 CIRCUITS
 DELTA ANTENNAS
 DIRECTIONAL COUPLERS
 DISTRIBUTED AMPLIFIERS
 ELECTRIC CONDUCTORS
 ELECTRIC CURRENT
 ELECTRIC POWER TRANSMISSION
 ELECTRIC WIRE
 ELECTRICAL ENGINEERING
 ELECTRIFICATION
 HARNESSSES
 IMPEDANCE MATCHING
 INSULATORS
 ∞ LINES
 MODE TRANSFORMERS
 ∞ NETWORKS
 NONRESONANCE
 OPTICAL FIBERS
 SMITH CHART
 STANDING WAVE RATIOS
 SUPERCONDUCTING POWER
 TRANSMISSION
 TELECOMMUNICATION
 WAVEGUIDES
 WIRING

TRANSMISSION LOSS

RT ATTENUATION
 CURRENT REGULATORS
 ELECTRIC POWER TRANSMISSION
 INSERTION
 INSERTION LOSS
 LOSSES

TRANSMISSION LOSS--(cont.)

LOSSY MEDIA
 SILENCE
 TRANSMISSION RATE
 (COMMUNICATIONS)
 VOLTAGE REGULATORS
 WAVE DISPERSION

TRANSMISSION RATE (COMMUNICATIONS)

UF TRANSMISSION SPEED
 (COMMUNICATIONS)
 GS RATES (PER TIME)
 . **TRANSMISSION RATE (COMMUNICATIONS)**
 RT ACCESS TIME
 BIT ERROR RATE
 CHANNEL CAPACITY
 DATA TRANSMISSION
 DELAY
 INTERPROCESSOR COMMUNICATION
 SATELLITE COMMUNICATION
 SIGNAL RECEPTION
 SIGNAL TRANSMISSION
 TELECOMMUNICATION
 TIME LAG
 TRANSMISSION EFFICIENCY
 TRANSMISSION LOSS

TRANSMISSION SPEED (COMMUNICATIONS)

USE TRANSMISSION RATE
 (COMMUNICATIONS)

TRANSMISSIONS (MACHINE ELEMENTS)

GS MECHANICAL DRIVES
 . **TRANSMISSIONS (MACHINE ELEMENTS)**
 RT GEARS
 SHAFTS (MACHINE ELEMENTS)
 TORQUE CONVERTERS
 TORQUE MOTORS
 VEHICLE WHEELS

TRANSMISSIVITY

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . **TRANSMISSIVITY**
 RT ABSORPTANCE
 ABSORPTIVITY
 DENSITY (MASS/VOLUME)
 LIGHT SCATTERING
 OPACITY
 ∞ PHYSICAL PROPERTIES
 TRANSLUCENCE
 TRANSMISSION
 TRANSMITTANCE
 TRANSPARENCE
 TRANSPONDERS
 VISIBILITY

TRANSMISSOMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . **TRANSMISSOMETERS**
 . OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . **TRANSMISSOMETERS**
 RT DENSITOMETERS
 PHOTOMETERS
 RADIANCE
 TELEPHOTOMETRY
 TRANSMITTANCE

TRANSMITTANCE

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . **TRANSMITTANCE**
 RT ABSORPTANCE
 ATTENUATION COEFFICIENTS
 DENSITY (MASS/VOLUME)
 ELECTROMAGNETIC ABSORPTION
 INFRARED ABSORPTION
 LIGHT (VISIBLE RADIATION)
 OPTICAL DENSITY
 PHOTOMETRY
 RAY TRACING
 REFLECTANCE
 SCATTERING
 TRANSMISSION
 TRANSMISSION EFFICIENCY
 TRANSMISSIVITY
 TRANSMISSOMETERS
 TRANSPARENCE

TRANSMITTER RECEIVERS

UF TRANSCEIVERS

TRANSMITTER RECEIVERS--(cont.)

GS COMMUNICATION EQUIPMENT
 . RADIO RECEIVERS
 . **TRANSMITTER RECEIVERS**
 RADIO EQUIPMENT
 . RADIO RECEIVERS
 . **TRANSMITTER RECEIVERS**
 . RADIO TRANSMITTERS
 . **TRANSMITTER RECEIVERS**
 RECEIVERS
 . RADIO RECEIVERS
 . **TRANSMITTER RECEIVERS**
 TRANSMITTERS
 . RADIO TRANSMITTERS
 . **TRANSMITTER RECEIVERS**
 RT INTERROGATION
 TRANSPONDERS

TRANSMITTERS

UF SENDERS
 GS **TRANSMITTERS**
 . EMERGENCY LOCATOR
 TRANSMITTERS
 . INSTRUMENT TRANSMITTERS
 . RADAR TRANSMITTERS
 . RADIO TRANSMITTERS
 . RADIO BEACONS
 . . . OMNIDIRECTIONAL RADIO RANGES
 . . . SELF CALIBRATING OMNIRANGE
 . . . RADIOMETEOROLOGRAPHS
 . . . RADIOSONDES
 . . . ENDORADIOSONDES
 . . . IONOSONDES
 . . . RAWINSONDES
 . . . RADIOTELEPHONES
 . . . SONOBUOYS
 . . . TRANSMITTER RECEIVERS
 . REPEATERS
 RT ANTENNAS
 ATTENUATION
 DUPLEXERS
 ∞ INSTRUMENTS
 MICROPHONES
 RECEIVERS
 SIGNAL ENCODING
 TELECOMMUNICATION
 TELEVISION TRANSMISSION
 TRANSPONDERS

TRANSMUTATION

GS NUCLEAR REACTIONS
 . NUCLEAR TRANSFORMATIONS
 . **TRANSMUTATION**
 RT NEUTRON IRRADIATION
 RADIOGENIC MATERIALS

TRANSOCEANIC COMMUNICATION

GS TELECOMMUNICATION
 . **TRANSOCEANIC COMMUNICATION**
 TRANSOCEANIC SYSTEMS
 . **TRANSOCEANIC COMMUNICATION**
 RT FACSIMILE COMMUNICATION
 RADIO COMMUNICATION
 RELAY SATELLITES

TRANSOCEANIC FLIGHT

RT ∞ FLIGHT

TRANSOCEANIC SYSTEMS

GS **TRANSOCEANIC SYSTEMS**
 . TRANSOCEANIC COMMUNICATION
 RT INTERCONTINENTAL BALLISTIC MISSILES
 OCEAN DATA ACQUISITIONS SYSTEMS
 ∞ SYSTEMS
 TELECOMMUNICATION
 TRANSPORTATION
 WORLD DATA CENTERS

TRANSONIC AIRCRAFT

USE SUPERSONIC AIRCRAFT

TRANSONIC AIRCRAFT TECHNOLOGY PROGRAM

USE TACT PROGRAM

TRANSONIC COMPRESSORS

GS COMPRESSORS
 . **TRANSONIC COMPRESSORS**
 RT SUPERSONIC COMPRESSORS
 TURBOCOMPRESSORS

TRANSONIC FLIGHT

RT ∞ FLIGHT
 ROCKET FLIGHT
 SONIC BOOMS

TRANSONIC FLIGHT--(cont.)
SUPERSONIC FLIGHT**TRANSONIC FLOW**

- UF SONIC FLOW
- TRANSONICS
- GS FLUID FLOW
 - . COMPRESSIBLE FLOW
 - . . . **TRANSONIC FLOW**
- RT AERODYNAMICS
 - . COMPRESSIBILITY EFFECTS
 - ∞ FLOW
 - FLOW VELOCITY
 - GAS FLOW
 - NOZZLE FLOW
 - SHOCK WAVES
 - SONIC NOZZLES
 - SUBSONIC FLOW
 - SUPERSONIC FLOW
 - TRISONIC WIND TUNNELS
 - WIND TUNNELS

TRANSONIC FLUTTER

- GS VIBRATION
 - . STRUCTURAL VIBRATION
 - . . FLUTTER
 - . . . **TRANSONIC FLUTTER**
 - . . . SELF INDUCED VIBRATION
 - . . . **TRANSONIC FLUTTER**
- RT MISSILE VIBRATION
 - . SUBSONIC FLUTTER
 - . SUPERSONIC FLUTTER

TRANSONIC INLETS

- USE SUPERSONIC INLETS

TRANSONIC NOZZLES

- RT CONICAL NOZZLES
 - . CONVERGENT-DIVERGENT NOZZLES
 - . HYPERSONIC NOZZLES
 - ∞ NOZZLES
 - SONIC NOZZLES
 - SUPERSONIC NOZZLES
 - WIND TUNNEL NOZZLES

TRANSONIC SPEED

- SN (APPROXIMATELY MACH 0.8 TO 1.2)
- GS RATES (PER TIME)
 - . **TRANSONIC SPEED**
 - . VELOCITY
 - . . **TRANSONIC SPEED**
- RT ACOUSTIC VELOCITY
 - . SUBSONIC SPEED
 - . SUPERSONIC SPEED

TRANSONIC TURBINES

- USE SUPERSONIC TURBINES

TRANSONIC WIND TUNNELS

- GS TEST FACILITIES
 - . WIND TUNNELS
 - . . **TRANSONIC WIND TUNNELS**
- RT BLOWDOWN WIND TUNNELS
 - . HYPERSONIC WIND TUNNELS
 - . SLOTTED WIND TUNNELS
 - . SUBSONIC WIND TUNNELS
 - . SUPERSONIC WIND TUNNELS
 - . WING FLOW METHOD TESTS

TRANSONICS

- USE TRANSONIC FLOW

TRANSPARENCE

- UF TRANSPARENT MATERIALS
- GS ELECTROMAGNETIC PROPERTIES
 - . OPTICAL PROPERTIES
 - . . **TRANSPARENCE**
- RT ABSORPTANCE
 - . ABSORPTIVITY
 - . ATMOSPHERIC OPTICS
 - . CLARITY
 - . DENSITY (MASS/VOLUME)
 - . ELECTROMAGNETIC ABSORPTION
 - . HAZE
 - . LIGHT TRANSMISSION
 - . OPACITY
 - . OPTICAL DENSITY
 - . RADOME MATERIALS
 - . TRANSLUCENCE
 - . TRANSMISSIVITY
 - . TRANSMITTANCE
 - . TURBIDITY

TRANSPARENT MATERIALS

- USE TRANSPARENCE

TRANSPIRATION

- UF FLUID TRANSPIRATION
- GS PHASE TRANSFORMATIONS
 - . VAPORIZING
 - . . EVAPORATION
 - . . . **TRANSPIRATION**
- RT COOLING
 - . COOLING SYSTEMS
 - . EVANESCENCE
 - . EVAPOTRANSPIRATION
 - . EVOLUTION (LIBERATION)
 - . GAS EVOLUTION
 - . MASS TRANSFER
 - . MOLECULAR FLOW
 - . OUTGASSING
 - . PERMEATING
 - . PERSPIRATION
 - . TEMPERATURE CONTROL

TRANSPIRATION COOLING

- USE SWEAT COOLING

TRANSPLANTATION

- RT CLINICAL MEDICINE
 - . HEART IMPLANTATION
 - . SURGERY

TRANSPONDER CONTROL GROUP

- UF TCG (TRACKING)
- RT ∞ CONTROL
 - . RADAR TRACKING
 - . SATELLITE TRACKING
 - . SPACECRAFT TRACKING
 - . TELEMETRY
 - . TRANSPONDERS

TRANSPONDERS

- UF RESPONDERS
- GS RADIO EQUIPMENT
 - . **TRANSPONDERS**
- RT AIR TRAFFIC CONTROL
 - . BEACON COLLISION AVOIDANCE SYSTEM
 - . INTERROGATION
 - . RADAR BEACONS
 - . RADAR EQUIPMENT
 - . RADIO RECEIVERS
 - . RADIO TRANSMITTERS
 - . TRANSMISSIVITY
 - . TRANSMITTER RECEIVERS
 - . TRANSMITTERS
 - . TRANSPONDER CONTROL GROUP

TRANSPORT AIRCRAFT

- GS **TRANSPORT AIRCRAFT**
 - . ALADIN 2 AIRCRAFT
 - . AN-2 AIRCRAFT
 - . AN-22 AIRCRAFT
 - . AN-24 AIRCRAFT
 - . ANGOSY MK-1 AIRCRAFT
 - . BAC 111 AIRCRAFT
 - . BOEING 707 AIRCRAFT
 - . BOEING 720 AIRCRAFT
 - . BOEING 727 AIRCRAFT
 - . BOEING 733 AIRCRAFT
 - . BOEING 737 AIRCRAFT
 - . BOEING 747 AIRCRAFT
 - . BOEING 757 AIRCRAFT
 - . BOEING 767 AIRCRAFT
 - . BOEING 2707 AIRCRAFT
 - . CARGO AIRCRAFT
 - . BREGUET 941 AIRCRAFT
 - . C-1A AIRCRAFT
 - . C-2 AIRCRAFT
 - . C-5 AIRCRAFT
 - . C-9 AIRCRAFT
 - . C-46 AIRCRAFT
 - . C-47 AIRCRAFT
 - . C-54 AIRCRAFT
 - . C-118 AIRCRAFT
 - . C-119 AIRCRAFT
 - . C-121 AIRCRAFT
 - . C-123 AIRCRAFT
 - . C-124 AIRCRAFT
 - . C-130 AIRCRAFT
 - . C-131 AIRCRAFT
 - . C-133 AIRCRAFT
 - . C-135 AIRCRAFT
 - . C-140 AIRCRAFT
 - . C-141 AIRCRAFT
 - . C-160 AIRCRAFT
 - . CL-44 AIRCRAFT

TRANSPORT AIRCRAFT--(cont.)

- . DC 3 AIRCRAFT
- . DC 7 AIRCRAFT
- . F-27 AIRCRAFT
- . P-160 AIRCRAFT
- . P-166 AIRCRAFT
- . SPANLOADER AIRCRAFT
- . YC-14 AIRCRAFT
- . CH-3 HELICOPTER
- . CH-34 HELICOPTER
- . CH-46 HELICOPTER
- . CH-47 HELICOPTER
- . CH-54 HELICOPTER
- . CL-84 AIRCRAFT
- . CL-823 AIRCRAFT
- . CONCORDE AIRCRAFT
- . CV-880 AIRCRAFT
- . DC 8 AIRCRAFT
- . DC 9 AIRCRAFT
- . DC 10 AIRCRAFT
- . DH 121 AIRCRAFT
- . DH 125 AIRCRAFT
- . DHC 2 AIRCRAFT
- . DHC 4 AIRCRAFT
- . DHC 5 AIRCRAFT
- . DO-31 AIRCRAFT
- . EC-121 AIRCRAFT
- . ELECTRA AIRCRAFT
- . F-28 TRANSPORT AIRCRAFT
- . G-1 AIRCRAFT
- . G-222 AIRCRAFT
- . H-19 HELICOPTER
- . H-53 HELICOPTER
- . H-56 HELICOPTER
- . HC-3 HELICOPTER
- . HFB-320 AIRCRAFT
- . IL-14 AIRCRAFT
- . L-1011 AIRCRAFT
- . L-2000 AIRCRAFT
- . LIGHT INTRATHEATER TRANSPORT
- . LIGHT TRANSPORT AIRCRAFT
- . LOCKHEED MODEL 18 AIRCRAFT
- . MH-262 AIRCRAFT
- . MYSTERE 20 AIRCRAFT
- . S-58 HELICOPTER
- . S-61 HELICOPTER
- . SA-330 HELICOPTER
- . SC-5 AIRCRAFT
- . SC-7 AIRCRAFT
- . SH-3 HELICOPTER
- . SH-4 HELICOPTER
- . SHORT HAUL AIRCRAFT
- . C-8A AUGMENTOR WING AIRCRAFT
- . CESSNA 402B AIRCRAFT
- . EUROPEAN AIRBUS
 - . . A-300 AIRCRAFT
 - . . A-310 AIRCRAFT
 - . . A-320 AIRCRAFT
- . MERCURE AIRCRAFT
- . TANKER AIRCRAFT
- . TU-124 AIRCRAFT
- . TU-144 AIRCRAFT
- . TU-154 AIRCRAFT
- . UH-34 HELICOPTER
- . UH-60A HELICOPTER
- . UH-61A HELICOPTER
- . VC-10 AIRCRAFT
- . VISCOUNT AIRCRAFT
- . XC-142 AIRCRAFT
- . YS-11 AIRCRAFT
- RT AIR TRANSPORTATION
 - ∞ AIRCRAFT
 - . COMMERCIAL AIRCRAFT
 - . GENERAL AVIATION AIRCRAFT
 - . JET AIRCRAFT
 - . LIGHT AIRCRAFT
 - ∞ LOW WING AIRCRAFT
 - ∞ MILITARY AIRCRAFT
 - . MYSTERE 50 AIRCRAFT
 - . PASSENGER AIRCRAFT
 - . ROTARY WING AIRCRAFT
 - ∞ SUBSONIC AIRCRAFT
 - . SUPERSONIC AIRCRAFT
 - ∞ TRANSPORT VEHICLES
 - . TURBOFAN AIRCRAFT
 - . TURBOPROP AIRCRAFT
 - . UTILITY AIRCRAFT
 - . V/STOL AIRCRAFT
 - . WATER TAKEOFF AND LANDING AIRCRAFT

TRANSPORT COEFFICIENTS

- USE TRANSPORT PROPERTIES

TRANSPORT PROPERTIES

- UF TRANSPORT COEFFICIENTS
- GS **TRANSPORT PROPERTIES**
 - . . . ATMOSPHERIC CONDUCTIVITY
 - . . . IONOSPHERIC CONDUCTIVITY
 - . . . CARRIER MOBILITY
 - . . . ELECTRON MOBILITY
 - . . . HOLE MOBILITY
 - . . . DIFFUSION COEFFICIENT
 - . . . Soret COEFFICIENT
 - . . . ELECTRICAL RESISTIVITY
 - . . . IONOSPHERIC CONDUCTIVITY
 - . . . MAGNETORESISTIVITY
 - . . . PHOTOCONDUCTIVITY
 - . . . PLASMA CONDUCTIVITY
 - . . . SUPERCONDUCTIVITY
 - . . . KONDO EFFECT
 - . . . GASEOUS DIFFUSION
 - . . . GASEOUS SELF-DIFFUSION
 - . . . IONIC MOBILITY
 - . . . THERMAL CONDUCTIVITY
 - . . . THERMAL DIFFUSIVITY
 - . . . VISCOSITY
 - . . . EDDY VISCOSITY
 - . . . GAS VISCOSITY
- RT BINARY FLUIDS
- BOLTZMANN TRANSPORT EQUATION
- ∞ CONDUCTIVITY
- DIFFUSION
- FLOW COEFFICIENTS
- HALL EFFECT
- HEAT TRANSFER
- HIGH TEMPERATURE TESTS
- KINETIC THEORY
- LIGHTHILL GAS MODEL
- MOBILITY
- ∞ PHYSICAL PROPERTIES
- POLLUTION TRANSPORT
- ∞ PROPERTIES
- RADIATION TRANSPORT
- SEEBECK EFFECT
- ∞ SOLID STATE PHYSICS
- THERMOELECTRICITY

TRANSPORT THEORY

- GS KINETIC THEORY
 - . **TRANSPORT THEORY**
 - . . . CHAPMAN-ENSKOG THEORY
 - . . . EYRING THEORY
 - . . . MIXING LENGTH FLOW THEORY
- RT BOLTZMANN TRANSPORT EQUATION
- DIFFUSION THEORY
- GAS TRANSPORT
- INTEGRAL EQUATIONS
- MOLECULAR INTERACTIONS
- MONTE CARLO METHOD
- POLLUTION TRANSPORT
- ∞ THEORIES

TRANSPORT VEHICLES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CRAWLER TRACTORS
- GROUND EFFECT MACHINES
- RAPID TRANSIT SYSTEMS
- SHIPS
- TRANSPORT AIRCRAFT
- ∞ VEHICLES

TRANSPORTATION

- GS **TRANSPORTATION**
 - . AIR TRANSPORTATION
 - . MARINE TRANSPORTATION
 - . RAIL TRANSPORTATION
 - . RAPID TRANSIT SYSTEMS
 - . SPACE TRANSPORTATION
 - . . . SPACE TRANSPORTATION SYSTEM
 - . . . ADVANCED LAUNCH SYSTEM (STS)
 - . URBAN TRANSPORTATION
- RT ARTIFICIAL HARBORS
- AUTOMATED GUIDEWAY TRANSIT VEHICLES
- AUTOMATED TRANSIT VEHICLES
- CARGO
- CONTRACTORS
- CONVEYORS
- DEEPWATER TERMINALS
- DELIVERY
- DISTRIBUTING
- ∞ DISTRIBUTION
- ELECTRIC AUTOMOBILES
- EVACUATING (TRANSPORTATION)
- FREIGHT COSTS
- FREIGHTERS

TRANSPORTATION--(cont.)

- HANDLING EQUIPMENT
- HAULING
- HIGHWAYS
- LOGISTICS
- MATERIALS HANDLING
- MISSILES
- MOTOR VEHICLES
- OFFSHORE DOCKING
- OFFSHORE PLATFORMS
- PACKAGING
- PASSENGERS
- PIPELINES
- RIDING QUALITY
- ROADS
- ROUTES
- SERVICES
- SITE SELECTION
- TANKER TERMINALS
- TERMINAL FACILITIES
- TRACTORS
- TRAFFIC
- TRANSCONTINENTAL SYSTEMS
- TRANSFERRING
- TRANSOCEANIC SYSTEMS
- TRANSPORTATION NETWORKS
- ∞ TRAVEL
- TRUCKS

TRANSPORTATION ENERGY

- RT ALLOCATIONS
- CARGO
- COMMERCIAL ENERGY
- DISTRIBUTING
- DOMESTIC ENERGY
- ECONOMIC FACTORS
- ∞ ENERGY
- ENERGY CONVERSION
- ENGINES
- FUELS
- HAULING
- INDUSTRIAL ENERGY
- SHIPS
- ∞ TANKERS
- TRUCKS

TRANSPORTATION NETWORKS

- RT HIGHWAYS
- INTERSECTIONS
- ∞ NETWORKS
- RAPID TRANSIT SYSTEMS
- ROADS
- TRANSPORTATION

TRANSPORTER

- GS SURFACE VEHICLES
 - . **TRANSPORTER**
- RT ∞ CONTAINERS
- ∞ VEHICLES

TRANSPUTERS

- GS DATA PROCESSING EQUIPMENT
- . COMPUTERS
- . . **TRANSPUTERS**
- RT ARCHITECTURE (COMPUTERS)
- DISTRIBUTED PROCESSING
- INTERPROCESSOR COMMUNICATION
- MICROPROCESSORS
- PARALLEL PROCESSING (COMPUTERS)

TRANSURANIUM ELEMENTS

- GS CHEMICAL ELEMENTS
 - . ACTINIDE SERIES
 - . . **TRANSURANIUM ELEMENTS**
 - . . . AMERICIUM
 - . . . AMERICIUM ISOTOPES
 - AMERICIUM 241
 - . . . BERKELIUM
 - . . . CALIFORNIUM
 - . . . CALIFORNIUM ISOTOPES
 - CURIUM
 - . . . CURIUM ISOTOPES
 - CURIUM 242
 - CURIUM 244
 - . . . EINSTEINIUM
 - . . . FERMIUM
 - . . . LAWRENCIUM
 - . . . MENDELEVIUM
 - . . . NEPTUNIUM
 - . . . NEPTUNIUM ISOTOPES
 - NOBELIUM
 - . . . PLUTONIUM
 - . . . PLUTONIUM ISOTOPES
 - PLUTONIUM 238
 - PLUTONIUM 239

TRANSURANIUM ELEMENTS--(cont.)

- PLUTONIUM 240
- PLUTONIUM 241
- PLUTONIUM 244
- . . . SERGENIUM
- . . . NUCLESIDES
- . . . ISOTOPES
- . . . RADIOACTIVE ISOTOPES
- . . . **TRANSURANIUM ELEMENTS**
- . . . AMERICIUM
- AMERICIUM ISOTOPES
- AMERICIUM 241
- . . . BERKELIUM
- . . . CALIFORNIUM
- CALIFORNIUM ISOTOPES
- CURIUM
- . . . CURIUM ISOTOPES
- CURIUM 242
- CURIUM 244
- . . . EINSTEINIUM
- . . . FERMIUM
- . . . LAWRENCIUM
- . . . MENDELEVIUM
- . . . NEPTUNIUM
- . . . NEPTUNIUM ISOTOPES
- . . . NOBELIUM
- . . . PLUTONIUM
- . . . PLUTONIUM ISOTOPES
- PLUTONIUM 238
- PLUTONIUM 239
- PLUTONIUM 240
- PLUTONIUM 241
- PLUTONIUM 244
- . . . SERGENIUM
- METALS
- . ACTINIDE SERIES
- . . **TRANSURANIUM ELEMENTS**
- . . . AMERICIUM
- . . . AMERICIUM ISOTOPES
- AMERICIUM 241
- . . . BERKELIUM
- . . . CALIFORNIUM
- . . . CALIFORNIUM ISOTOPES
- CURIUM
- . . . CURIUM ISOTOPES
- CURIUM 242
- CURIUM 244
- . . . EINSTEINIUM
- . . . FERMIUM
- . . . LAWRENCIUM
- . . . MENDELEVIUM
- . . . NEPTUNIUM
- . . . NEPTUNIUM ISOTOPES
- . . . NOBELIUM
- . . . PLUTONIUM
- . . . PLUTONIUM ISOTOPES
- PLUTONIUM 238
- PLUTONIUM 239
- PLUTONIUM 240
- PLUTONIUM 241
- PLUTONIUM 244
- . . . SERGENIUM
- RT TRANSITION METALS

TRANSVERSE ACCELERATION

- GS RATES (PER TIME)
 - . ACCELERATION (PHYSICS)
 - . . **TRANSVERSE ACCELERATION**
- RT ∞ ACCELERATION
- ACCELERATION STRESSES
- (PHYSIOLOGY)
- ANGULAR ACCELERATION

TRANSVERSE LOADS

- GS LOADS (FORCES)
 - . **TRANSVERSE LOADS**
- RT DYNAMIC LOADS
- FORCE DISTRIBUTION
- LOAD DISTRIBUTION (FORCES)
- LOADING MOMENTS
- SHEAR STRESS
- STATIC LOADS
- STRESS DISTRIBUTION
- STRESSES

TRANSVERSE OSCILLATION

- UF TRANSVERSE VIBRATION
- GS OSCILLATIONS
 - . **TRANSVERSE OSCILLATION**
 - . . H WAVES
- RT GAMMA RAYS
- HARMONIC OSCILLATION
- LATERAL OSCILLATION
- STABLE OSCILLATIONS
- TRANSIENT OSCILLATIONS

TRANSVERSE VIBRATION

USE TRANSVERSE OSCILLATION

TRANSVERSE WAVES

GS **TRANSVERSE WAVES**
 . H WAVES
 RT ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 GAMMA RAYS
 LONGITUDINAL WAVES
 MAGNETOHYDRODYNAMIC FLOW
 PLANE WAVES
 RADIO WAVES
 S WAVES
 SH WAVES
 VIBRATION MODE
 WAVE PACKETS
 ∞ WAVES

TRANSVERSELY EXCITED ATMOSPHERIC LASERS

USE TEA LASERS

TRAP PROGRAM

GS PROGRAMS
 . **TRAP PROGRAM**
 RT PLASMA CONTROL
 ∞ RADIATION

TRAPATT DEVICES

UF TRAPPED PLASMA AVALANCHE
 TRIGGERED TRANSIT
 GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . SEMICONDUCTOR DEVICES
 . **TRAPATT DEVICES**
 RT AVALANCHE DIODES
 ∞ DEVICES
 DIODES
 TRANSISTORS

TRAPATT DIODES

USE AVALANCHE DIODES

TRAPEZOIDAL TAIL SURFACES

GS PLANFORMS
 . **TRAPEZOIDAL TAIL SURFACES**
 TAIL SURFACES
 . **TRAPEZOIDAL TAIL SURFACES**
 RT CONTROL SURFACES
 HORIZONTAL TAIL SURFACES
 HYPERSONIC AIRCRAFT
 RUDDERS
 STABILIZERS (FLUID DYNAMICS)
 SUPERSONIC AIRCRAFT
 ∞ SURFACES
 SWEEPBACK TAIL SURFACES

TRAPEZOIDAL WINGS

GS AIRFOILS
 . WINGS
 . LOW ASPECT RATIO WINGS
 . **TRAPEZOIDAL WINGS**
 . SWEEP WINGS
 . SWEEP FORWARD WINGS
 . **TRAPEZOIDAL WINGS**
 . SWEEPBACK WINGS
 . **TRAPEZOIDAL WINGS**
 PLANFORMS
 . WING PLANFORMS
 . SWEEP FORWARD WINGS
 . **TRAPEZOIDAL WINGS**
 . SWEEPBACK WINGS
 . **TRAPEZOIDAL WINGS**

TRAPEZOIDS

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . POLYGONS
 . TETRAGONS
 . **TRAPEZOIDS**

TRAPPED MAGNETIC FIELDS

GS MAGNETIC FIELDS
 . **TRAPPED MAGNETIC FIELDS**
 RT FLUX PINNING
 MAGNETICALLY TRAPPED PARTICLES
 PLASMA CONTROL
 SUPERCONDUCTIVITY
 TRAPPING

TRAPPED PARTICLES

GS PARTICLES
 . **TRAPPED PARTICLES**
 . MAGNETICALLY TRAPPED PARTICLES

TRAPPED PARTICLES--(cont.)

. . . RADIATION BELTS
 . . . ARTIFICIAL RADIATION BELTS
 . . . INNER RADIATION BELT
 . . . OUTER RADIATION BELT
 . . . PROTON BELTS
 RT CHARGED PARTICLES
 ELECTRON PRECIPITATION
 PROTON PRECIPITATION
 TRAPPING

TRAPPED PLASMA AVALANCHE TRIGGERED TRANSIT

USE TRAPATT DEVICES

TRAPPED VORTICES

UF VORTEX TRAPS
 GS VORTICES
 . **TRAPPED VORTICES**
 RT COUNTERFLOW
 FLOW DISTRIBUTION
 MIXING
 ROTATING FLUIDS
 ROTATING LIQUIDS
 TURBULENT MIXING
 TURBULENT WAKES
 VORTEX RINGS
 VORTICITY

TRAPPING

GS **TRAPPING**
 . CRYOTRAPPING
 RT CONDUCTION BANDS
 CRYSTAL DEFECTS
 FLUX PINNING
 ION STORAGE
 PHOSPHORESCENCE
 RADIATION BELTS
 TRAPPED MAGNETIC FIELDS
 TRAPPED PARTICLES

TRAPS

GS **TRAPS**
 . COLD TRAPS
 . ION TRAPS (INSTRUMENTATION)
 . VAPOR TRAPS
 RT CONCENTRATORS
 ENTRAPMENT
 SEPARATORS
 VALVES

TRAVEL

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT DISTANCE
 HARBORS
 LOGISTICS
 RANGE (EXTREMES)
 TRANSPORTATION

TRAVELING CHARGE

GS ELECTRIC CHARGE
 . **TRAVELING CHARGE**
 RT ELECTRODYNAMICS
 ENERGY DISSIPATION
 FIELD THEORY (PHYSICS)

TRAVELING IONOSPHERIC DISTURBANCES

UF TID
 GS IONOSPHERIC DISTURBANCES
 . **TRAVELING IONOSPHERIC
 DISTURBANCES**
 RT IONOSPHERIC CURRENTS
 IONOSPHERIC PROPAGATION
 IONOSPHERIC STORMS
 IONOSPHERIC TILTS
 MAGNETIC VARIATIONS
 SUDDEN IONOSPHERIC DISTURBANCES

TRAVELING SALESMAN PROBLEM

RT OPERATIONS RESEARCH
 PROBABILITY THEORY
 ∞ PROBLEMS
 STATISTICAL ANALYSIS

TRAVELING SOLVENT METHOD

SN *(LIMITED TO CRYSTAL GROWTH
 TECHNIQUES)*
 GS GROWTH
 . CRYSTAL GROWTH
 . **TRAVELING SOLVENT METHOD**
 RT ADDITIVES
 CARRIER INJECTION

TRAVELING SOLVENT METHOD--(cont.)

ELECTROEPITAXY
 ∞ METHODOLOGY

TRAVELING WAVE AMPLIFIERS

GS AMPLIFIERS
 . **TRAVELING WAVE AMPLIFIERS**
 RT AMPLIFIER DESIGN
 POWER AMPLIFIERS
 TRAVELING WAVE TUBES

TRAVELING WAVE MASERS

GS STIMULATED EMISSION DEVICES
 . MASERS
 . **TRAVELING WAVE MASERS**
 RT AMPLIFIERS
 CAVITY RESONATORS
 COHERENT ELECTROMAGNETIC
 RADIATION

TRAVELING WAVE MODULATION

GS MODULATION
 . **TRAVELING WAVE MODULATION**
 RT LASERS
 LIGHT MODULATION
 WAVE DIFFRACTION

TRAVELING WAVE TUBES

UF CRESTATONS
 HELIX TUBES
 GS ELECTRON TUBES
 . VACUUM TUBES
 . MICROWAVE TUBES
 . **TRAVELING WAVE TUBES**
 . . . BACKWARD WAVE TUBES
 . . . HELITRONS
 . . . CARCINOTRONS
 MICROWAVE EQUIPMENT
 . MICROWAVE TUBES
 . **TRAVELING WAVE TUBES**
 . . . BACKWARD WAVE TUBES
 . . . HELITRONS
 . . . CARCINOTRONS
 RT BACKWARD WAVES
 BRILLOUIN FLOW
 CROSSED FIELD AMPLIFIERS
 CYCLOTRON RESONANCE DEVICES
 ELECTRON BUNCHING
 MAGNETOSTATIC AMPLIFIERS
 MAGNETRONS
 MICROWAVE OSCILLATORS
 OSCILLATIONS
 SCALLOPING
 TRAVELING WAVE AMPLIFIERS

TRAVELING WAVES

GS **TRAVELING WAVES**
 . SOLITARY WAVES
 RT BACKWARD WAVES
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 NONRESONANCE
 PHASE VELOCITY
 PLANE WAVES
 RADIO WAVES

TRAYS

RT ∞ BUCKETS
 ∞ CONTAINERS
 ∞ PLATES

TREADMILLS

RT PHYSICAL EXERCISE
 PHYSICAL FITNESS
 PHYSICAL WORK
 PHYSIOLOGICAL TESTS

TREADS

RT STAIRWAYS
 TIRES
 VEHICULAR TRACKS

TREAT (TEST FACILITY)

USE TRANSIENT REACTOR TEST FACILITY

TREATMENT

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 UF CONDITIONING (TREATING)
 RT AIR CONDITIONING
 CLINICAL MEDICINE
 HEAT TREATMENT
 PREWHITENING

TREATMENT--(cont.)

SEWAGE TREATMENT
SURFACE TREATMENT
THERMOMECHANICAL TREATMENT
WASTE TREATMENT
WATER TREATMENT

TREE RING DATING

USE DENDROCHRONOLOGY

∞ TREES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*

RT CONIFERS
TREES (MATHEMATICS)
TREES (PLANTS)

TREES (MATHEMATICS)

GS **TREES (MATHEMATICS)**
. FAULT TREES
RT ANALYSIS (MATHEMATICS)
CIRCUITS
GRAPH THEORY
GRAPHS (CHARTS)
PETRI NETS
SNEAK CIRCUIT ANALYSIS
TOPOLOGY
∞ TREES

TREES (PLANTS)

GS PLANTS (BOTANY)
. **TREES (PLANTS)**
. CITRUS TREES
. CONIFERS
. DECIDUOUS TREES
RT BALSAM
CANOPIES (VEGETATION)
CHAPARRAL
CLEARINGS (OPENINGS)
DEFOLIANTS
DEFOLIATION
DENDROCHRONOLOGY
FORESTS
GEOBOTANY
HERBICIDES
LOGGING (INDUSTRY)
MASONITE (TRADEMARK)
ORCHARDS
PHREATOPHYTES
PLYWOOD
SILVICULTURE
TIMBER IDENTIFICATION
TIMBER INVENTORY
TIMBER VIGOR
TIMBERLINE
∞ TREES
VEGETATION
WOOD

TRELLIS CODING

GS CODING
. SIGNAL ENCODING
. **TRELLIS CODING**
RT BINARY CODES
CHANNEL NOISE
∞ CODES
CONCATENATED CODES
CONVOLUTION INTEGRALS
PHASE MODULATION
PHASE SHIFT KEYING

TREMORS

RT EARTHQUAKE RESISTANCE
EARTHQUAKES
PARALYSIS
PARKINSON DISEASE
ROUSE BELTS

TREND ANALYSIS

RT ∞ ANALYZING
FAILURE ANALYSIS
PERFORMANCE PREDICTION
PREDICTION ANALYSIS TECHNIQUES
REGULARITY
RELIABILITY ANALYSIS
STATISTICAL ANALYSIS
TIME SERIES ANALYSIS
TRENDS

TRENDS

RT EXTRAPOLATION
FORECASTING
GROWTH
PERIODIC VARIATIONS

TRENDS--(cont.)

∞ PROJECTION
TIME SERIES ANALYSIS
TREND ANALYSIS

TRESCA FLOW

GS FLUID FLOW
. PLASTIC FLOW
. **TRESCA FLOW**
RT DUCTILITY
STABILITY
YIELD POINT

TRIACETIN

GS ACETATES
. **TRIACETIN**
ESTERS
. **TRIACETIN**
RT ACETIC ACID
GLYCEROLS
PLASTICIZERS
SOLVENTS

TRIAMINO GUANIDINENITRATE

USE TAGN

TRIAMINO GUANIDINIUM AZIDE

GS AMINES
. DIAMINES
. GUANIDINES
. **TRIAMINO GUANIDINIUM AZIDE**
NITROGEN COMPOUNDS
. AZIDES (ORGANIC)
. **TRIAMINO GUANIDINIUM AZIDE**

TRIAMINOTRINITROBENZENE

USE TATB

TRIANGLES

GS GEOMETRY
. EUCLIDEAN GEOMETRY
. POLYGONS
. **TRIANGLES**
RT TETRAHEDRONS
TRIGONOMETRY

TRIANGULAR WINGS

USE DELTA WINGS

TRIANGULATION

RT ANGLES (GEOMETRY)
MAPPING
NAVIGATION
TRIGONOMETRY
WILDLIFE RADIOLOCATION

TRIATOMIC MOLECULES

GS MOLECULES
. POLYATOMIC MOLECULES
. **TRIATOMIC MOLECULES**
RT DIATOMIC MOLECULES

TRIAxIAL STRESSES

UF TRIAXIALITY
GS STRESSES
. **TRIAxIAL STRESSES**
RT MECHANICAL PROPERTIES
TENSILE STRESS

TRIAxIALITY

USE TRIAXIAL STRESSES

TRIBOLIA

GS ANIMALS
. INVERTEBRATES
. ARTHROPODS
. INSECTS
. COLEOPTERA
. BEETLES
. **TRIBOLIA**

TRIBOLOGY

RT ABRASION
CORROSION
EROSION
EROSIVE BURNING
FRETTING
FRICTION
INTERFACIAL TENSION
LUBRICATION
TRIBOLUMINESCENCE
WEAR

TRIBOLUMINESCENCE

GS EMISSION
. LIGHT EMISSION
. LUMINESCENCE
. PHOTOLUMINESCENCE
. **TRIBOLUMINESCENCE**
RT FLUORESCENCE
FRICTION
MECHANICAL PROPERTIES
PHOTOLUMINESCENT BANDS
STRESSES
TRIBOLOGY

TRIBUTARIES

RT DRAINAGE PATTERNS
EARTH RESOURCES
ESTUARIES
RIVERS

TRICHLORIDES

USE CHLORIDES

TRIDENT AIRCRAFT

USE DH 121 AIRCRAFT

TRIDENT SUBMARINE

GS WATER VEHICLES
. SHIPS
. SUBMARINES
. **TRIDENT SUBMARINE**
. UNDERWATER VEHICLES
. SUBMARINES
. **TRIDENT SUBMARINE**
RT NAVY
NUCLEAR PROPULSION

TRIEENES

GS ORGANIC COMPOUNDS
. HYDROCARBONS
. ALIPHATIC HYDROCARBONS
. ALKENES
. **TRIEENES**

TRIETHYL COMPOUNDS

GS ALKYL COMPOUNDS
. **TRIETHYL COMPOUNDS**
RT ∞ CHEMICAL COMPOUNDS
DIETHYL COMPOUNDS
ETHYL COMPOUNDS

TRIFLUOROAMINE OXIDE

GS AMINES
. FLUOROAMINES
. **TRIFLUOROAMINE OXIDE**
HALOGEN COMPOUNDS
. FLUORINE COMPOUNDS
. FLUORO COMPOUNDS
. FLUORINE ORGANIC COMPOUNDS
. FLUOROAMINES
. **TRIFLUOROAMINE OXIDE**
ORGANIC COMPOUNDS
. FLUORINE ORGANIC COMPOUNDS
. FLUOROAMINES
. **TRIFLUOROAMINE OXIDE**

TRIGATRONS

GS SWITCHES
. **TRIGATRONS**
RT ∞ GAS TUBES
PULSE MODULATION
SPARK GAPS
TRIGGER CIRCUITS

TRIGGER CIRCUITS

GS CIRCUITS
. **TRIGGER CIRCUITS**
RT BISTABLE CIRCUITS
GATES (CIRCUITS)
MULTIVIBRATORS
THRESHOLD GATES
THRESHOLD LOGIC
THYRISTORS
TRIGATRONS

TRIGGERS

USE ACTUATORS

TRIGONOMETRIC FUNCTIONS

GS ANALYSIS (MATHEMATICS)
. REAL VARIABLES
. PERIODIC FUNCTIONS
. **TRIGONOMETRIC FUNCTIONS**
. COSINE SERIES
. SINE SERIES

TRIGONOMETRIC FUNCTIONS--(cont.)

- ... TANGENTS
- FUNCTIONS (MATHEMATICS)
- ... TRANSCENDENTAL FUNCTIONS
- ... PERIODIC FUNCTIONS
- ... **TRIGONOMETRIC FUNCTIONS**
- ... COSINE SERIES
- ... SINE SERIES
- ... TANGENTS
- RT FRESNEL INTEGRALS
- SINE WAVES
- TRIGONOMETRY

TRIGONOMETRY

- GS GEOMETRY
- ... EUCLIDEAN GEOMETRY
- ... ANALYTIC GEOMETRY
- ... **TRIGONOMETRY**
- RT ANGLES (GEOMETRY)
- ∞ SCIENCE
- TRIANGLES
- TRIANGULATION
- TRIGONOMETRIC FUNCTIONS

TRIM (BALANCE)

- USE AERODYNAMIC BALANCE

TRIMERS

- GS PREPOLYMERS
- ... **TRIMERS**
- RT DIMERS
- MONOMERS

TRIMETHADIONE

- GS DRUGS
- ... **TRIMETHADIONE**
- KETONES
- ... **TRIMETHADIONE**
- ORGANIC COMPOUNDS
- ... CYCLIC COMPOUNDS
- ... HETEROCYCLIC COMPOUNDS
- ... **TRIMETHADIONE**

TRIMETHYL COMPOUNDS

- GS ALKYL COMPOUNDS
- ... **TRIMETHYL COMPOUNDS**
- RT ∞ CHEMICAL COMPOUNDS
- DIMETHYL COMPOUNDS
- METHYL COMPOUNDS

TRINIDAD AND TOBAGO

- GS LANDFORMS
- ... ISLANDS
- ... WEST INDIES
- ... **TRINIDAD AND TOBAGO**
- NATIONS
- ... **TRINIDAD AND TOBAGO**
- RT CARIBBEAN REGION
- SOUTH AMERICA

TRINITRAMINE

- GS AMINES
- ... **TRINITRAMINE**
- NITROGEN COMPOUNDS
- ... **TRINITRAMINE**

TRINITRO COMPOUNDS

- GS NITROGEN COMPOUNDS
- ... NITRO COMPOUNDS
- ... **TRINITRO COMPOUNDS**
- RT ∞ CHEMICAL COMPOUNDS

TRINITROTOLUENE

- UF TNT (TRINITROTOLUENE)
- GS EXPLOSIVES
- ... **TRINITROTOLUENE**
- NITROGEN COMPOUNDS
- ... NITRO COMPOUNDS
- ... **TRINITROTOLUENE**
- RT EXPOSURE

TRINITROTRIAZOCYCLOHEXANE

- USE RDX

TRIODES

- RT CATT DEVICES
- DIODES
- ELECTRON TUBES
- MICROWAVE TUBES
- SEMICONDUCTOR DEVICES
- TETRODES
- THYRISTORS
- TRANSISTORS

TRIOLS

- GS HYDROXYL COMPOUNDS
- ... ALCOHOLS
- ... **TRIOLS**
- ... CYANURIC ACID

TRIPHENYL SILICON

- GS ORGANIC COMPOUNDS
- ... ORGANIC SILICON COMPOUNDS
- ... **TRIPHENYL SILICON**
- SILICON COMPOUNDS
- ... ORGANIC SILICON COMPOUNDS
- ... **TRIPHENYL SILICON**

TRIPHENYLS

- GS ORGANIC COMPOUNDS
- ... HYDROCARBONS
- ... **TRIPHENYLS**
- PHENYLS
- ... POLYPHENYLS
- ... **TRIPHENYLS**

TRIPLE AXIS SPECTROMETERS

- USE NEUTRON SPECTROMETERS

TRIPLE STARS

- GS CELESTIAL BODIES
- ... STARS
- ... **TRIPLE STARS**
- RT BINARY STARS
- COMPANION STARS
- STELLAR SYSTEMS
- THREE BODY PROBLEM

TRIPLET EXCITATION

- USE ATOMIC ENERGY LEVELS

TRIPLET STATE

- USE ATOMIC ENERGY LEVELS

TRIPODS

- GS SUPPORTS
- ... **TRIPODS**
- RT OPTICAL EQUIPMENT

TRIPROPELLANTS

- USE LIQUID ROCKET PROPELLANTS

TRISONIC WIND TUNNELS

- GS TEST FACILITIES
- ... WIND TUNNELS
- ... **TRISONIC WIND TUNNELS**
- RT SLOTTED WIND TUNNELS
- TRANSONIC FLOW
- WIND TUNNEL TESTS

TRITIUM

- UF HYDROGEN 3
- GS CHEMICAL ELEMENTS
- ... HYDROGEN
- ... HYDROGEN ISOTOPES
- ... **TRITIUM**
- ... NUCLIDES
- ... ISOTOPES
- ... HYDROGEN ISOTOPES
- ... **TRITIUM**
- ... RADIOACTIVE ISOTOPES
- ... **TRITIUM**
- GASES
- ... HYDROGEN
- ... HYDROGEN ISOTOPES
- ... **TRITIUM**
- RT HEAVY WATER
- NUCLEAR FUELS

TRITON

- GS CELESTIAL BODIES
- ... NATURAL SATELLITES
- ... NEPTUNE SATELLITES
- ... **TRITON**
- RT GALILEAN SATELLITES
- NEPTUNE (PLANET)
- NEPTUNE ATMOSPHERE
- SATELLITE ATMOSPHERES
- TITAN

TRITONS

- GS IONS
- ... **TRITONS**
- RT ALPHA PARTICLES
- PROTONS

TRIVALENT IONS

- GS IONS

TRIVALENT IONS--(cont.)

- RT **TRIVALENT IONS**
- FREE RADICALS
- POSITIVE IONS
- VALENCE

TROCHOIDS

- USE PIVOTS

TROILITE

- GS CHALCOGENIDES
- ... SULFIDES
- ... PYRRHOTITE
- ... **TROILITE**
- IRON COMPOUNDS
- ... PYRRHOTITE
- ... **TROILITE**
- MINERALS
- ... PYRRHOTITE
- ... **TROILITE**
- SULFUR COMPOUNDS
- ... SULFIDES
- ... PYRRHOTITE
- ... **TROILITE**
- RT IRON METEORITES
- METEORITIC COMPOSITION

TROJAN AIRCRAFT

- USE T-28 AIRCRAFT

TROJAN ORBITS

- GS ORBITS
- ... SPACECRAFT ORBITS
- ... **TROJAN ORBITS**
- RT CELESTIAL MECHANICS
- MANY BODY PROBLEM
- THREE BODY PROBLEM

TROMBE WALLS

- GS WALLS
- ... **TROMBE WALLS**
- RT ENERGY TECHNOLOGY
- HEAT STORAGE
- PHASE CHANGE MATERIALS
- RADIATIVE HEAT TRANSFER
- SOLAR ENERGY ABSORBERS
- SOLAR HEATING
- SOLAR HOUSES
- THERMAL INSULATION

TROPICAL METEOROLOGY

- GS METEOROLOGY
- ... **TROPICAL METEOROLOGY**
- RT AGROMETEOROLOGY
- EL NINO
- EQUATORIAL ATMOSPHERE
- GARP ATLANTIC TROPICAL EXPERIMENT
- INTERTROPICAL CONVERGENT ZONES
- METEOROLOGICAL PARAMETERS

TROPICAL REGIONS

- UF JUNGLES
- LOW LATITUDES
- SUBTROPICAL REGIONS
- TROPICS
- GS REGIONS
- ... **TROPICAL REGIONS**
- ... AMAZON REGION (SOUTH AMERICA)
- RT CLIMATOLOGY
- EQUATORIAL ATMOSPHERE
- EQUATORIAL REGIONS
- GARP ATLANTIC TROPICAL EXPERIMENT
- GEOGRAPHY
- HOT WEATHER
- INTERTROPICAL CONVERGENT ZONES
- LATERITES
- LOMONOSOV CURRENT
- METEOROLOGY
- RAIN FORESTS
- TEMPERATE REGIONS
- VIRGIN ISLANDS

TROPICAL STORMS

- GS STORMS
- ... STORMS (METEOROLOGY)
- ... **TROPICAL STORMS**
- ... HURRICANES
- ... ANNA HURRICANE
- ... TYPHOONS
- RT ATMOSPHERIC CIRCULATION
- CYCLONES
- METEOROLOGY
- STORM DAMAGE
- TORNADOES

TROPICS

USE TROPICAL REGIONS

TROPISM

GS **TROPISM**
 . AEOLOTROPISM
 . GEOTROPISM
 . GRAVITROPISM
 . GYROTROPISM
 . NEUROTROPISM

TROPOPAUSE

SN (ALTITUDE APPROXIMATELY 15 TO 20 KM)
 GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . . TROPOSPHERE
 . . . **TROPOPAUSE**
 RT DIURNAL VARIATIONS
 ISOTHERMAL LAYERS
 MIDDLE ATMOSPHERE

TROPOSPHERE

SN (GROUND LEVEL TO APPROXIMATELY 15 KM)
 GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . . **TROPOSPHERE**
 . . . TROPOPAUSE
 RT CHEMOSPHERE
 HOMOSPHERE
 INTASAT SATELLITE

TROPOSPHERIC RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
 GS ATMOSPHERIC RADIATION
 . **TROPOSPHERIC RADIATION**
 ELECTROMAGNETIC RADIATION
 . **TROPOSPHERIC RADIATION**
 RT ∞ RADIATION
 SKY RADIATION
 STRATOSPHERE RADIATION
 TERRESTRIAL RADIATION

TROPOSPHERIC SCATTERING

GS SCATTERING
 . WAVE SCATTERING
 . . ATMOSPHERIC SCATTERING
 . . . **TROPOSPHERIC SCATTERING**
 RT LIGHT SCATTERING
 WIDEBAND COMMUNICATION

TROPOSPHERIC WAVES

SN (EXCLUDES RADIO WAVES)
 GS **TROPOSPHERIC WAVES**
 . PLANETARY WAVES
 RT ELASTIC WAVES
 LEE WAVES
 RADIO WAVES
 SURFACE WAVES
 ∞ WAVES

TROPYL COMPOUNDS

GS BASES (CHEMICAL)
 . ALKALOIDS
 . . **TROPYL COMPOUNDS**
 NITROGEN COMPOUNDS
 . ALKALOIDS
 . . **TROPYL COMPOUNDS**
 ORGANIC COMPOUNDS
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . ALKALOIDS
 **TROPYL COMPOUNDS**
 RT ∞ CHEMICAL COMPOUNDS

TROUBLESHOOTING

USE MAINTENANCE

TROUGHS

RT CANALS
 DITCHES
 IRRIGATION
 LOW PRESSURE

TRUCKS

SN (EXCLUDES UNDERCARRIAGES)
 UF VANS
 GS SURFACE VEHICLES
 . MOTOR VEHICLES
 . . **TRUCKS**
 . . . TANK TRUCKS
 RT ANTISKID DEVICES
 AUTOMOBILES

TRUCKS--(cont.)

CARGO
 DELIVERY
 DOLLIES
 ELECTRIC MOTOR VEHICLES
 GROUND HANDLING
 HAULING
 MATERIALS HANDLING
 ∞ MILITARY VEHICLES
 RECOVERY VEHICLES
 TRACTORS
 TRAILERS
 TRANSPORTATION
 TRANSPORTATION ENERGY

TRUNCATION (MATHEMATICS)

USE APPROXIMATION

TRUNCATION ERRORS

GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . **TRUNCATION ERRORS**
 ERRORS
 . **TRUNCATION ERRORS**
 RT PRECISION

TRUNKS (LINES)

USE TRANSMISSION LINES

TRUNNIONS

USE SHAFTS (MACHINE ELEMENTS)

TRUSSES

GS STRUCTURAL MEMBERS
 . **TRUSSES**
 RT ARCHES
 BEAMS (SUPPORTS)
 CONSTRUCTION INDUSTRY
 FRAMES
 GIRDERS
 I BEAMS
 LOOPS
 MAXWELL-MOHR METHOD
 MEGAMECHANICS
 ∞ STRUCTURES
 STRUTS
 SUPPORTS
 TIMOSHENKO BEAMS

TRYPANOSOME

GS ANIMALS
 . PROTOZOA
 . . FLAGELLATA
 . . . **TRYPANOSOME**
 MICROORGANISMS
 . PROTOZOA
 . . FLAGELLATA
 . . . **TRYPANOSOME**
 PARASITES
 . **TRYPANOSOME**
 RT PARASITIC DISEASES

TRYPSIN

GS BIOPOLYMERS
 . PROTEINS
 . . ENZYMES
 . . . **TRYPSIN**
 ORGANIC COMPOUNDS
 . PROTEINS
 . . ENZYMES
 . . . **TRYPSIN**
 RT PANCREAS

TRYPTAMINES

GS AMINES
 . **TRYPTAMINES**
 . . SEROTONIN

TRYPTOPHAN

GS ACIDS
 . AMINO ACIDS
 . . **TRYPTOPHAN**
 . CARBOXYLIC ACIDS
 . . **TRYPTOPHAN**
 NITROGEN COMPOUNDS
 . **TRYPTOPHAN**
 ORGANIC COMPOUNDS
 . AMINO ACIDS
 . . **TRYPTOPHAN**
 . CARBOXYLIC ACIDS
 . . **TRYPTOPHAN**
 . CYCLIC COMPOUNDS
 . . HETEROCYCLIC COMPOUNDS
 . . . AZOLES

TRYPTOPHAN--(cont.)

. . . PYRROLES
 INDOLES
 **TRYPTOPHAN**

TS-11 AIRCRAFT

UF ISKRA AIRCRAFT
 POLISH TS-11 AIRCRAFT
 GS JET AIRCRAFT
 . **TS-11 AIRCRAFT**
 MONOPLANES
 . **TS-11 AIRCRAFT**
 TRAINING AIRCRAFT
 . **TS-11 AIRCRAFT**
 RT ∞ AIRCRAFT

TSR-2 AIRCRAFT

UF BAC TSR 2 AIRCRAFT
 GS ATTACK AIRCRAFT
 . **TSR-2 AIRCRAFT**
 BAC AIRCRAFT
 . **TSR-2 AIRCRAFT**
 JET AIRCRAFT
 . **TSR-2 AIRCRAFT**
 MONOPLANES
 . **TSR-2 AIRCRAFT**
 OBSERVATION AIRCRAFT
 . **TSR-2 AIRCRAFT**
 RECONNAISSANCE AIRCRAFT
 . **TSR-2 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **TSR-2 AIRCRAFT**
 TERRAIN FOLLOWING AIRCRAFT
 . **TSR-2 AIRCRAFT**
 RT ∞ AIRCRAFT

TSUNAMI WAVES

RT EARTH MOVEMENTS
 EARTHQUAKE DAMAGE
 EARTHQUAKES
 FRONTAL WAVES
 SEISMIC WAVES
 SHOCK WAVES
 SURFACE WAVES
 TIDAL WAVES
 WATER WAVES

TTL INTEGRATED CIRCUITS

SN (TRANSISTOR-TRANSISTOR-LOGIC INTEGRATED CIRCUITS)
 UF TRANSISTOR-TRANSISTOR-LOGIC INTEG CIRCUITS
 GS CIRCUITS
 . INTEGRATED CIRCUITS
 . . **TTL INTEGRATED CIRCUITS**
 RT ELECTRONIC PACKAGING
 LARGE SCALE INTEGRATION
 MICROMINIATURIZATION
 MOLECULAR ELECTRONICS
 TRANSISTOR CIRCUITS

TU-104 AIRCRAFT

UF CAMEL AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **TU-104 AIRCRAFT**
 JET AIRCRAFT
 . **TU-104 AIRCRAFT**
 MONOPLANES
 . **TU-104 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **TU-104 AIRCRAFT**
 TUPOLEV AIRCRAFT
 . **TU-104 AIRCRAFT**
 RT ∞ AIRCRAFT
 TU-154 AIRCRAFT

TU-121 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET ENGINES
 . . . **TU-121 ENGINE**

TU-124 AIRCRAFT

UF COOKPOT AIRCRAFT
 GS COMMERCIAL AIRCRAFT
 . **TU-124 AIRCRAFT**
 JET AIRCRAFT
 . **TU-124 AIRCRAFT**
 MONOPLANES
 . **TU-124 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **TU-124 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **TU-124 AIRCRAFT**

TU-124 AIRCRAFT--(cont.)

TUPOLEV AIRCRAFT
TU-124 AIRCRAFT
 RT ∞ AIRCRAFT
 TURBOFAN ENGINES

TU-134 AIRCRAFT

GS COMMERCIAL AIRCRAFT
TU-134 AIRCRAFT
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **TU-134 AIRCRAFT**
 MONOPLANES
 . **TU-134 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **TU-134 AIRCRAFT**
 TUPOLEV AIRCRAFT
 . **TU-134 AIRCRAFT**
 RT ∞ AIRCRAFT

TU-144 AIRCRAFT

GS COMMERCIAL AIRCRAFT
 . SUPERSONIC COMMERCIAL AIR
 TRANSPORT
 . **TU-144 AIRCRAFT**
 JET AIRCRAFT
 . TURBOFAN AIRCRAFT
 . **TU-144 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **TU-144 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **TU-144 AIRCRAFT**
 RT ∞ AIRCRAFT

TU-154 AIRCRAFT

GS COMMERCIAL AIRCRAFT
 . **TU-154 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **TU-154 AIRCRAFT**
 TUPOLEV AIRCRAFT
 . **TU-154 AIRCRAFT**
 RT ∞ AIRCRAFT
 AIRCRAFT DESIGN
 CARGO AIRCRAFT
 JET AIRCRAFT
 PASSENGER AIRCRAFT
 TU-104 AIRCRAFT

TUBE ANODES

GS ELECTRODES
 . ANODES
 . **TUBE ANODES**
 RT CATHODES
 ELECTRODE MATERIALS
 ELECTRON GUNS

TUBE CATHODES

GS ELECTRODES
 . CATHODES
 . **TUBE CATHODES**
 . . . COLD CATHODES
 . . . HOT CATHODES
 . . . PHOTOCATHODES
 . . . THERMIONIC CATHODES
 . . . TUNNEL CATHODES
 RT COLD CATHODE TUBES
 ELECTRON GUNS
 HOLLOW CATHODES

TUBE GRIDS

GS ELECTRODES
 . **TUBE GRIDS**
 RT BIAS
 ELECTRON GUNS
 ELECTRON TUBES
 ∞ GRIDS
 IONIZERS

TUBE HEAT EXCHANGERS

GS HEAT EXCHANGERS
 . **TUBE HEAT EXCHANGERS**
 RT REGENERATORS

TUBE LASERS

RT CHEMICAL LASERS
 GASDYNAMIC LASERS
 LASER OUTPUTS
 PULSED LASERS
 SHOCK TUBES
 WAVEGUIDE LASERS

TUBERCULOSIS

GS DISEASES
 . INFECTIOUS DISEASES

TUBERCULOSIS--(cont.)

. . . BACTERIAL DISEASES
 . . . **TUBERCULOSIS**
 . . . RESPIRATORY DISEASES
 . . . **TUBERCULOSIS**

∞ TUBES

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT BOURDON TUBES
 BRONCHI
 BURETTES
 CANNULAE
 CAPILLARY TUBES
 CIRCULAR TUBES
 DUCTS
 ELECTRON TUBES
 EUSTACHIAN TUBES
 HILSCH TUBES
 HOSES
 LININGS
 MANIFOLDS
 MICROWAVE TUBES
 PIPES (TUBES)
 PITOT TUBES
 SHOCK TUBES
 SIPHONS
 TRACHEA
 VENTURI TUBES

TUBING

USE PIPES (TUBES)

TUMBLING MOTION

RT ATTITUDE STABILITY
 DESTABILIZATION
 MIXERS
 ∞ MOTION
 ROTATING ENVIRONMENTS
 SATELLITE ROTATION
 ∞ SEPARATION
 SPACECRAFT MOTION
 SPACECRAFT STABILITY

TUMORS

GS DISEASES
 . **TUMORS**
 . . . NEOPLASMS
 . . . CANCER
 LEUKEMIAS
 RT CYSTS
 OCCUPATIONAL DISEASES

TUNABLE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . **TUNABLE LASERS**
 RT DBR LASERS
 DIFFRACTION RADIATION
 LIGHT MODULATION
 OPTICAL COMMUNICATION
 TUNING
 WIGGLER MAGNETS

TUNDRA

GS LAND
 . PLAINS
 . . **TUNDRA**
 LANDFORMS
 . **TUNDRA**
 RT ARCTIC REGIONS
 ASIA
 GEOGRAPHY
 NORTH AMERICA

TUNERS

GS **TUNERS**
 . WAVEGUIDE TUNERS
 RT RADIO RECEIVERS
 RESONANCE PROBES
 RESONANT FREQUENCIES
 TELEVISION RECEIVERS

TUNGSTATES

GS TUNGSTEN COMPOUNDS
 . **TUNGSTATES**
 . . . CALCIUM TUNGSTATES
 . . . LEAD TUNGSTATES
 . . . ZINC TUNGSTATES

TUNGSTEN

UF WOLFRAM
 GS CHEMICAL ELEMENTS

TUNGSTEN--(cont.)

. **TUNGSTEN**
 METALS
 . REFRACTORY METALS
 . **TUNGSTEN**
 . . . TRANSITION METALS
 . **TUNGSTEN**
 REFRACTORY MATERIALS
 . REFRACTORY METALS
 . **TUNGSTEN**

TUNGSTEN ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . . REFRACTORY METAL ALLOYS
 . . . **TUNGSTEN ALLOYS**
 REFRACTORY MATERIALS
 . REFRACTORY METAL ALLOYS
 . **TUNGSTEN ALLOYS**
 RT HAFNIUM ALLOYS
 STELLITE (TRADEMARK)

TUNGSTEN CARBIDES

GS CARBON COMPOUNDS
 . CARBIDES
 . . **TUNGSTEN CARBIDES**
 TUNGSTEN COMPOUNDS
 . **TUNGSTEN CARBIDES**

TUNGSTEN CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . . CHLORIDES
 . . . **TUNGSTEN CHLORIDES**
 . HALIDES
 . . . CHLORIDES
 . . . **TUNGSTEN CHLORIDES**
 . . . METAL HALIDES
 . . . TUNGSTEN HALIDES
 **TUNGSTEN CHLORIDES**
 TUNGSTEN COMPOUNDS
 . TUNGSTEN HALIDES
 . . **TUNGSTEN CHLORIDES**

TUNGSTEN COMPOUNDS

GS **TUNGSTEN COMPOUNDS**
 . TUNGSTATES
 . . . CALCIUM TUNGSTATES
 . . . LEAD TUNGSTATES
 . . . ZINC TUNGSTATES
 . TUNGSTEN CARBIDES
 . TUNGSTEN HALIDES
 . . TUNGSTEN CHLORIDES
 . . TUNGSTEN FLUORIDES
 . TUNGSTEN OXIDES
 . . SCHEELITE
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 6B COMPOUNDS
 ∞ METAL COMPOUNDS

TUNGSTEN FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . . FLUORIDES
 . . . METAL FLUORIDES
 **TUNGSTEN FLUORIDES**
 . HALIDES
 . . . METAL HALIDES
 . . . TUNGSTEN HALIDES
 **TUNGSTEN FLUORIDES**
 TUNGSTEN COMPOUNDS
 . TUNGSTEN HALIDES
 . . **TUNGSTEN FLUORIDES**

TUNGSTEN HALIDES

GS HALOGEN COMPOUNDS
 . HALIDES
 . . . METAL HALIDES
 . . . **TUNGSTEN HALIDES**
 . . . TUNGSTEN CHLORIDES
 . . . TUNGSTEN FLUORIDES
 TUNGSTEN COMPOUNDS
 . **TUNGSTEN HALIDES**
 . . TUNGSTEN CHLORIDES
 . . TUNGSTEN FLUORIDES

TUNGSTEN INERT GAS WELDING

USE GAS TUNGSTEN ARC WELDING

TUNGSTEN ISOTOPES

GS METALS
 . REFRACTORY METALS
 . . **TUNGSTEN ISOTOPES**
 . . . TRANSITION METALS
 . . **TUNGSTEN ISOTOPES**

TUNGSTEN ISOTOPES--(cont.)

REFRACTORY MATERIALS
REFRACTORY METALS
TUNGSTEN ISOTOPES

TUNGSTEN OXIDES

GS CHALCOGENIDES
OXIDES
METAL OXIDES
TUNGSTEN OXIDES
SCHEELITE
TUNGSTEN COMPOUNDS
TUNGSTEN OXIDES
SCHEELITE

TUNGUSK METEORITE

UF TUNGUSKA EVENT
GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TUNGUSK METEORITE
RT METEORITE COLLISIONS
METEORITE CRATERS

TUNGUSKA EVENT

USE TUNGUSK METEORITE

TUNING

GS TUNING
SCHULER TUNING
RT AUTOMATIC FREQUENCY CONTROL
AUTOMATIC GAIN CONTROL
DYE LASERS
FREQUENCY PULLING
MISTUNING (TURBOMACHINERY)
Q FACTORS
RESONANCE
RESONANT FREQUENCIES
RESONATORS
TUNABLE LASERS

TUNING FORK GYROSCOPES

GS GYROSCOPES
TUNING FORK GYROSCOPES
RT RESONATORS

TUNISIA

GS NATIONS
TUNISIA
RT AFRICA

TUNNEL CATHODES

GS ELECTRODES
CATHODES
TUBE CATHODES
TUNNEL CATHODES
RT COLD CATHODE TUBES
COLD CATHODES
ELECTRON TUBES
HOLLOW CATHODES
TUNNELS

TUNNEL DIODES

UF ESAKI DIODES
GS ELECTRONIC EQUIPMENT
DIODES
SEMICONDUCTOR DIODES
TUNNEL DIODES
RT ELECTRON TUNNELING
JUNCTION DIODES
MIM DIODES
NEGATIVE CONDUCTANCE
NEGATIVE RESISTANCE CIRCUITS
RESONANT TUNNELING
TUNNEL JUNCTIONS
TUNNELS

TUNNEL JUNCTIONS

RT BARRIER LAYERS
ELECTRON TUNNELING
HETEROJUNCTIONS
JOSEPHSON JUNCTIONS
PHOTOCONDUCTORS
QUANTUM ELECTRONICS
SEMICONDUCTOR DEVICES
SEMICONDUCTOR JUNCTIONS
SOLAR CELLS
SUPERCONDUCTING DEVICES
TUNNEL DIODES

TUNNEL RESISTORS

USE ELECTRON TUNNELING
RESISTORS

TUNNELING

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ELECTRON TUNNELING
RESONANT TUNNELING
TUNNELING (EXCAVATION)

TUNNELING (EXCAVATION)

GS EXCAVATION
TUNNELING (EXCAVATION)
RT BEDROCK
CONSTRUCTION
DRAINAGE
DRILLING
JACKS (LIFTS)
LINING PROCESSES
ROCKS
SOILS
TUNNELING
UNDERGROUND STRUCTURES

TUNNELS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT GAPS
HYDRAULIC TEST TUNNELS
LUNAR SHELTERS
PASSAGEWAYS
STREETS
TRANSFER TUNNELS
TUNNEL CATHODES
TUNNEL DIODES
WIND TUNNELS

TUPOLEV AIRCRAFT

GS TUPOLEV AIRCRAFT
TU-104 AIRCRAFT
TU-124 AIRCRAFT
TU-134 AIRCRAFT
TU-154 AIRCRAFT
RT AIRCRAFT

TURBIDITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
TURBIDITY
RT ABSORPTANCE
CLARITY
HAZE
LIGHT TRANSMISSION
OPACITY
OPTICAL DENSITY
PROPERTIES
SOLUBILITY
TRANSPARENCY

TURBINE BLADES

GS TURBOMACHINE BLADES
TURBINE BLADES
RT BLADES
COMPRESSOR BLADES
ENGINE PARTS
FAN BLADES
ROTOR BLADES (TURBOMACHINERY)
STATOR BLADES
TURBINES

TURBINE ENGINES

GS ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
RAMJET ENGINES
LOW VOLUME RAMJET ENGINES
PULSEJET ENGINES
SUPERSONIC COMBUSTION
RAMJET ENGINES
TURBORAMJET ENGINES
T-63 ENGINE
T-76 ENGINE
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
BRISTOL-SIDDELEY VIPER
ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE

TURBINE ENGINES--(cont.)

J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53
ENGINE
CF-700 ENGINE
CONVERTIBLE FAN-SHAFT
ENGINES
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
T-58 ENGINE
T-58-GE-8B ENGINE
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
CONVERGENT NOZZLES
GAS BEARINGS
INTEGRAL ROCKET RAMJETS
TORPEDO ENGINES

TURBINE EXHAUST NOZZLES

GS EXHAUST NOZZLES
TURBINE EXHAUST NOZZLES
RT CONICAL NOZZLES
CONVERGENT-DIVERGENT NOZZLES

TURBINE INSTRUMENTS

RT FLOWMETERS
INSTRUMENTS
TURBOMACHINERY

TURBINE PUMPS

UF TURBOPUMPS
GS PUMPS
AXIAL FLOW PUMPS
TURBINE PUMPS
TURBOMACHINERY
TURBINE PUMPS
RT CENTRIFUGAL PUMPS
FUEL PUMPS
JET PUMPS
PREBURNERS
TURBINES
TURBOCOMPRESSORS

TURBINE WHEELS

UF ROTOR DISKS
TURBOROTORS
GS ROTATING BODIES
ROTORS
TURBINE WHEELS
WHEELS
TURBINE WHEELS
RT COMPRESSOR ROTORS
ENGINE PARTS
HYDRAULIC EQUIPMENT
IMPELLERS
TURBINES
TURBOMACHINE BLADES
WATER WHEELS

TURBINES

GS TURBOMACHINERY
TURBINES
AXIAL FLOW TURBINES
GAS TURBINES
SHROUDED TURBINES
STEAM TURBINES
SUPERSONIC TURBINES
TWO STAGE TURBINES
WIND TURBINES
TIP VANES
RT ENGINES
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL ENERGY EXTRACTION
IMPELLERS
IMPULSE GENERATORS
JET ENGINE FUELS
JET PROPULSION

TURBINES--(cont.)

∞ NOZZLES
REFRACTORIES
ROTATING GENERATORS
ROTORS
STATORS
TURBINE BLADES
TURBINE PUMPS
TURBINE WHEELS
TURBOGENERATORS
TURBOSHAFTS

TURBO-SKYVAN AIRCRAFT

USE SC-7 AIRCRAFT

TURBOCHARGERS

USE SUPERCHARGERS
TURBOCOMPRESSORS

TURBOCOMPRESSORS

UF AXIAL COMPRESSORS
AXIAL FLOW COMPRESSORS
MULTISTAGE COMPRESSORS
TURBOCHARGERS
GS COMPRESSORS
TURBOCOMPRESSORS
TURBOMACHINERY
TURBOCOMPRESSORS
RT CENTRIFUGAL COMPRESSORS
CENTRIFUGAL PUMPS
COMPRESSOR BLADES
COMPRESSOR ROTORS
ROTATING STALLS
ROTORS
SUPERCHARGERS
SUPERSONIC COMPRESSORS
TRANSONIC COMPRESSORS
TURBINE PUMPS
TURBOFANS

TURBOCONVERTERS

USE TURBOGENERATORS

TURBOELECTRIC CONVERSION

USE TURBOGENERATORS

TURBOFAN AIRCRAFT

GS JET AIRCRAFT
TURBOFAN AIRCRAFT
A-7 AIRCRAFT
BAC 111 AIRCRAFT
BOEING 707 AIRCRAFT
BOEING 720 AIRCRAFT
BOEING 727 AIRCRAFT
BOEING 733 AIRCRAFT
BOEING 737 AIRCRAFT
BOEING 757 AIRCRAFT
BOEING 767 AIRCRAFT
C-141 AIRCRAFT
CL-600 CHALLENGER AIRCRAFT
CONCORDE AIRCRAFT
CV-990 AIRCRAFT
DC 8 AIRCRAFT
DH 121 AIRCRAFT
DO-31 AIRCRAFT
F-28 TRANSPORT AIRCRAFT
F-111 AIRCRAFT
IL-62 AIRCRAFT
MYSTERE 20 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
SAAB 37 AIRCRAFT
SAAB 105 AIRCRAFT
SE-210 AIRCRAFT
TU-134 AIRCRAFT
TU-144 AIRCRAFT
RT ∞ AIRCRAFT
C-135 AIRCRAFT
∞ LOW WING AIRCRAFT
MYSTERE 50 AIRCRAFT
PASSENGER AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT

TURBOFAN ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53 ENGINE
CF-700 ENGINE

TURBOFAN ENGINES--(cont.)

CONVERTIBLE FAN-SHAFT ENGINES
J-97 ENGINE
TF-41 ENGINE
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53 ENGINE
CF-700 ENGINE
CONVERTIBLE FAN-SHAFT ENGINES
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53 ENGINE
CF-700 ENGINE
CONVERTIBLE FAN-SHAFT ENGINES
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
RT B-52 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 767 AIRCRAFT
C-5 AIRCRAFT
C-141 AIRCRAFT
DC 10 AIRCRAFT
DUCTED FAN ENGINES
L-1011 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
TU-124 AIRCRAFT
TURBOFANS
TURBOPROP ENGINES

TURBOFANS

GS TURBOMACHINERY
TURBOFANS
RT DUCTED FANS
FANS
LIFT FANS
TURBOCOMPRESSORS
TURBOFAN ENGINES

TURBOGENERATORS

UF THERMAL POWER
TURBOCONVERTERS
TURBOELECTRIC CONVERSION
GS ELECTRIC GENERATORS
ROTATING GENERATORS
TURBOGENERATORS
ASTEC SOLAR TURBOELECTRIC GENERATOR
TURBOMACHINERY
TURBOGENERATORS
ASTEC SOLAR TURBOELECTRIC GENERATOR
RT AC GENERATORS
CONVERSION
ELECTRIC POWER
ELECTRICAL ENGINEERING
GAS TURBINE ENGINES
GAS TURBINES
GENERATORS
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL ENERGY EXTRACTION
GEOTHERMAL ENERGY UTILIZATION
HYDROELECTRIC POWER STATIONS
HYDROELECTRICITY
SNAP
SNAP 1
SNAP 2
SNAP 8
SOLAR GENERATORS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
STEAM TURBINES
TURBINES
WIND TURBINES

TURBOJET AIRCRAFT

USE JET AIRCRAFT

TURBOJET ENGINE CONTROL

GS ENGINE CONTROL

TURBOJET ENGINE CONTROL--(cont.)

TURBOJET ENGINE CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
CONTROL
FLIGHT CONTROL
FUEL CONTROL
REMOTE CONTROL
SERVOCONTROL
THRUST CONTROL

TURBOJET ENGINES

GS ENGINES
AIR BREATHING ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
BRISTOL-SIDDELEY VIPER ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53 ENGINE
CF-700 ENGINE
CONVERTIBLE FAN-SHAFT ENGINES
J-97 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
TURBORAMJET ENGINES
INTERNAL COMBUSTION ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES
BRISTOL-SIDDELEY OLYMPUS 593 ENGINE
BRISTOL-SIDDELEY VIPER ENGINE
DUCTED FAN ENGINES
J-33 ENGINE
J-34 ENGINE
J-47 ENGINE
J-52 ENGINE
J-57 ENGINE
J-57-P-20 ENGINE
J-65 ENGINE
J-69-T-25 ENGINE
J-71 ENGINE
J-73 ENGINE
J-75 ENGINE
J-79 ENGINE
J-85 ENGINE
J-93 ENGINE
RA-28 ENGINE
TURBOFAN ENGINES
BRISTOL-SIDDELEY BS 53 ENGINE
CF-700 ENGINE
CONVERTIBLE FAN-SHAFT ENGINES
J-97 ENGINE
TF-30 ENGINE
TF-41 ENGINE
TURBOPROP ENGINES
T-34 ENGINE
T-38 ENGINE
T-53 ENGINE
T-56 ENGINE
T-64 ENGINE
T-74 ENGINE
T-78 ENGINE
TURBORAMJET ENGINES
TURBINE ENGINES
GAS TURBINE ENGINES
JET ENGINES
TURBOJET ENGINES

TURBOJET ENGINES--(cont.)

..... BRISTOL-SIDDELEY OLYMPUS
593 ENGINE
..... BRISTOL-SIDDELEY VIPER
ENGINE
..... DUCTED FAN ENGINES
..... J-33 ENGINE
..... J-34 ENGINE
..... J-47 ENGINE
..... J-52 ENGINE
..... J-57 ENGINE
..... J-57-P-20 ENGINE
..... J-65 ENGINE
..... J-69-T-25 ENGINE
..... J-71 ENGINE
..... J-73 ENGINE
..... J-75 ENGINE
..... J-79 ENGINE
..... J-85 ENGINE
..... J-93 ENGINE
..... RA-28 ENGINE
..... TURBOFAN ENGINES
..... BRISTOL-SIDDELEY BS 53
ENGINE
..... CF-700 ENGINE
..... CONVERTIBLE FAN-SHAFT
ENGINES
..... J-97 ENGINE
..... TF-30 ENGINE
..... TF-41 ENGINE
..... TURBOPROP ENGINES
..... T-34 ENGINE
..... T-38 ENGINE
..... T-53 ENGINE
..... T-56 ENGINE
..... T-64 ENGINE
..... T-74 ENGINE
..... T-78 ENGINE
..... TURBORAMJET ENGINES
RT CONVERGENT NOZZLES
HOUND DOG MISSILE
JET AIRCRAFT
MACE MISSILES
QUAIL MISSILE
RAMJET ENGINES
REGULUS MISSILE

TURBOMACHINE BLADES

GS **TURBOMACHINE BLADES**
.. COMPRESSOR BLADES
.. ROTOR BLADES (TURBOMACHINERY)
.. STATOR BLADES
.. TURBINE BLADES
RT AIRFOILS
∞ BLADES
∞ BUCKETS
CASCADE FLOW
FAN BLADES
IMPELLERS
MISTUNING (TURBOMACHINERY)
PADDLES
ROTORS
TURBINE WHEELS
VANES

TURBOMACHINERY

GS **TURBOMACHINERY**
.. CENTRIFUGAL COMPRESSORS
.. CENTRIFUGAL PUMPS
.. J-33 ENGINE
.. TURBINE PUMPS
.. TURBINES
.. AXIAL FLOW TURBINES
.. GAS TURBINES
.. SHROUDED TURBINES
.. STEAM TURBINES
.. SUPERSONIC TURBINES
.. TWO STAGE TURBINES
.. WIND TURBINES
.. TIP VANES
.. TURBOCOMPRESSORS
.. TURBOFANS
.. TURBOGENERATORS
.. ASTEC SOLAR TURBOELECTRIC
GENERATOR
RT BLOWERS
COMPRESSORS
∞ MACHINERY
PUMPS
ROTATING GENERATORS
ROTOR DYNAMICS
SUPERCHARGERS
TURBINE INSTRUMENTS

TURBOPAUSE

GS EARTH ATMOSPHERE
.. UPPER ATMOSPHERE
.. THERMOSPHERE
RT **TURBOPAUSE**
ATMOSPHERIC CIRCULATION
ATMOSPHERIC PHYSICS
ATMOSPHERIC TURBULENCE

TURBOPROP AIRCRAFT

GS JET AIRCRAFT
TURBOPROP AIRCRAFT
.. AN-22 AIRCRAFT
.. AN-24 AIRCRAFT
.. ARGOSY MK-1 AIRCRAFT
.. BREGUET 941 AIRCRAFT
.. BREGUET 1150 AIRCRAFT
.. C-2 AIRCRAFT
.. C-130 AIRCRAFT
.. C-133 AIRCRAFT
.. C-160 AIRCRAFT
.. CL-44 AIRCRAFT
.. CL-84 AIRCRAFT
.. DHC 5 AIRCRAFT
.. E-2 AIRCRAFT
.. ELECTRA AIRCRAFT
.. F-27 AIRCRAFT
.. G-222 AIRCRAFT
.. HS-748 AIRCRAFT
.. MH-262 AIRCRAFT
.. OV-1 AIRCRAFT
.. OV-10 AIRCRAFT
.. SC-5 AIRCRAFT
.. VISCOUNT AIRCRAFT
.. YS-11 AIRCRAFT
RT ∞ AIRCRAFT
GENERAL AVIATION AIRCRAFT
∞ LOW WING AIRCRAFT
PASSENGER AIRCRAFT
∞ SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
TURBOFAN AIRCRAFT

TURBOPROP ENGINES

UF DART TURBOPROP ENGINES
GS ENGINES
.. AIR BREATHING ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES
..... **TURBOPROP ENGINES**
..... T-53 ENGINE
..... T-56 ENGINE
..... T-64 ENGINE
..... T-74 ENGINE
.. INTERNAL COMBUSTION ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES
..... **TURBOPROP ENGINES**
..... T-34 ENGINE
..... T-38 ENGINE
..... T-53 ENGINE
..... T-56 ENGINE
..... T-64 ENGINE
..... T-74 ENGINE
..... T-78 ENGINE
.. TURBINE ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
.. TURBOJET ENGINES
..... **TURBOPROP ENGINES**
..... T-34 ENGINE
..... T-38 ENGINE
..... T-53 ENGINE
..... T-56 ENGINE
..... T-64 ENGINE
..... T-74 ENGINE
..... T-78 ENGINE
RT C-160 AIRCRAFT
CONTRAROTATING PROPELLERS
E-2 AIRCRAFT
P-3 AIRCRAFT
PROP-FAN TECHNOLOGY
TURBOFAN ENGINES
XC-142 AIRCRAFT

TURBOPUMPS

USE TURBINE PUMPS

TURBORAMJET ENGINES

GS ENGINES
.. AIR BREATHING ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES

TURBORAMJET ENGINES--(cont.)

..... RAMJET ENGINES
..... **TURBORAMJET ENGINES**
..... TURBOJET ENGINES
..... **TURBORAMJET ENGINES**
.. INTERNAL COMBUSTION ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
..... RAMJET ENGINES
..... **TURBORAMJET ENGINES**
..... TURBOJET ENGINES
..... **TURBORAMJET ENGINES**
.. TURBINE ENGINES
.. GAS TURBINE ENGINES
.. JET ENGINES
..... RAMJET ENGINES
..... **TURBORAMJET ENGINES**
..... TURBOJET ENGINES
..... **TURBORAMJET ENGINES**

TURBOROCKET ENGINES

GS ENGINES
.. ROCKET ENGINES
.. **TURBOROCKET ENGINES**
.. TORPEDO ENGINES
.. **TURBOROCKET ENGINES**
RT BOOSTER ROCKET ENGINES
HYDRAZINE ENGINES
HYDROGEN OXYGEN ENGINES
LIQUID AIR CYCLE ENGINES
RESTARTABLE ROCKET ENGINES
SUSTAINER ROCKET ENGINES

TURBOROTORS

USE TURBINE WHEELS

TURBOSHAPTS

GS SHAFTS (MACHINE ELEMENTS)
.. ROTATING SHAFTS
.. **TURBOSHAPTS**
RT CONVERTIBLE FAN-SHAFT ENGINES
ROTORS
TURBINES

TURBULENCE

GS **TURBULENCE**
.. ATMOSPHERIC TURBULENCE
.. CLEAR AIR TURBULENCE
.. GUSTS
.. LOW LEVEL TURBULENCE
.. HOMOGENEOUS TURBULENCE
.. ISOTROPIC TURBULENCE
.. LOW TURBULENCE
.. MAGNETOHYDRODYNAMIC
TURBULENCE
.. PLASMA TURBULENCE
RT AERODYNAMIC DRAG
ATMOSPHERIC EFFECTS
BACKWASH
BOUNDARY LAYER CONTROL
BOUNDARY LAYER TRANSITION
FLOW CHARACTERISTICS
FLUID DYNAMICS
GAS STREAMS
MICROMETEOROLOGY
MIXING
∞ MOTION
NONUNIFORMITY
PANEL METHOD (FLUID DYNAMICS)
PERIOD DOUBLING
SEA ROUGHNESS
SLIPSTREAMS
STEADY FLOW
STRANGE ATTRACTORS
STROUHAL NUMBER
SURFACE NOISE INTERACTIONS
TURBULENT BOUNDARY LAYER
TURBULENT FLOW
UNSTEADY FLOW
VERTICAL AIR CURRENTS
VORTEX FILAMENTS
VORTICES
VORTICITY
WAKES
WIND EFFECTS

TURBULENCE EFFECTS

RT AERODYNAMIC STABILITY
BUFFETING
∞ EFFECTS
FLUTTER
SEEING (ASTRONOMY)
SEPARATED FLOW

TURBULENCE METERS

- UF HOT-WIRE TURBULENCE METERS
- GS MEASURING INSTRUMENTS
- RT HOT-WIRE FLOWMETERS

TURBULENCE MODELS

- GS MODELS
 - . MATHEMATICAL MODELS
 - . . . **TURBULENCE MODELS**
 - K-EPSILON TURBULENCE MODEL
- RT COMPUTATIONAL FLUID DYNAMICS
 - FLOW EQUATIONS
 - MIXING LENGTH FLOW THEORY
 - RENORMALIZATION GROUP METHODS
 - TURBULENT BOUNDARY LAYER
 - TURBULENT COMBUSTION
 - TURBULENT FLOW

TURBULENT BOUNDARY LAYER

- GS BOUNDARY LAYERS
 - . **TURBULENT BOUNDARY LAYER**
- RT BOUNDARY LAYER TRANSITION
 - COMPRESSIBLE BOUNDARY LAYER
 - EKMAN LAYER
 - HYPERSONIC BOUNDARY LAYER
 - INCOMPRESSIBLE BOUNDARY LAYER
 - K-EPSILON TURBULENCE MODEL
 - LAMINAR BOUNDARY LAYER
 - ∞ LAYERS
 - MIXING LAYERS (FLUIDS)
 - REYNOLDS STRESS
 - RIBBLETS
 - SUPERSONIC BOUNDARY LAYERS
 - THERMAL BOUNDARY LAYER
 - THREE DIMENSIONAL BOUNDARY LAYER
 - TURBULENCE
 - TURBULENCE MODELS
 - TWO DIMENSIONAL BOUNDARY LAYER

TURBULENT COMBUSTION

- GS COMBUSTION
 - . **TURBULENT COMBUSTION**
- RT CHEMICAL EXPLOSIONS
 - COMBUSTIBLE FLOW
 - COMBUSTION PHYSICS
 - COMBUSTION STABILITY
 - FLAME PROPAGATION
 - FLAMES
 - FUEL COMBUSTION
 - OXIDATION
 - PREMIXED FLAMES
 - PROPELLANT COMBUSTION
 - REACTING FLOW
 - TURBULENCE MODELS
 - TURBULENT FLOW

TURBULENT DIFFUSION

- UF EDDY DIFFUSION
- GS DIFFUSION
 - . **TURBULENT DIFFUSION**
- RT ATMOSPHERIC DIFFUSION
 - ATMOSPHERIC TURBULENCE
 - CLEAR AIR TURBULENCE
 - COUNTERFLOW

TURBULENT FLOW

- GS FLUID FLOW
 - . **TURBULENT FLOW**
 - . . CAVITATION FLOW
 - . . . SUPERCavitating FLOW
- RT AERODYNAMIC INTERFERENCE
 - AERODYNAMICS
 - ANNULAR FLOW
 - ATMOSPHERIC TURBULENCE
 - BLASIUS FLOW
 - BOUNDARY LAYER TRANSITION
 - CLOSURE LAW
 - COMBUSTIBLE FLOW
 - COUNTERFLOW
 - CRITICAL FLOW
 - EDDY VISCOSITY
 - FLOW CHARACTERISTICS
 - FLOW STABILITY
 - FLUID AMPLIFIERS
 - FLUID DYNAMICS
 - FREE CONVECTION
 - GAS FLOW
 - GUST ALLEVIATORS
 - INVISCID FLOW
 - ISOTROPIC TURBULENCE
 - K-EPSILON TURBULENCE MODEL
 - KOLMOGOROV THEORY
 - LAGRANGE SIMILARITY HYPOTHESIS
 - LAMINAR FLOW

TURBULENT FLOW--(cont.)

- LIQUID FLOW
- MASS FLOW
- MIXING LENGTH FLOW THEORY
- MULTIPHASE FLOW
- NONUNIFORM FLOW
- OPEN CHANNEL FLOW
- ORIFICE FLOW
- PARTICLE LADEN JETS
- PERIOD DOUBLING
- PIPE FLOW
- PRESSURE OSCILLATIONS
- REACTING FLOW
- RECIRCULATIVE FLUID FLOW
- REYNOLDS NUMBER
- REYNOLDS STRESS
- ROTATING FLUIDS
- SINGLE-PHASE FLOW
- STEADY FLOW
- STEAM FLOW
- SUBCRITICAL FLOW
- SUPERCRITICAL FLOW
- TOLLMEN-SCHLICHTING WAVES
- ∞ TRANSITION LAYERS
 - TURBULENCE
 - TURBULENCE MODELS
 - TURBULENT COMBUSTION
 - TWO PHASE FLOW
 - UNIFORM FLOW
 - VISCOUS DRAG
 - VISCOUS FLOW
 - VORTEX AVOIDANCE
 - VORTEX BREAKDOWN
 - VORTICES
 - VORTICITY TRANSPORT HYPOTHESIS

TURBULENT HEAT TRANSFER

- GS TRANSMISSION
 - . HEAT TRANSMISSION
 - . . HEAT TRANSFER
 - . . . **TURBULENT HEAT TRANSFER**
- RT AERODYNAMIC HEAT TRANSFER
 - CONVECTIVE HEAT TRANSFER
 - LAMINAR HEAT TRANSFER
 - THERMOHYDRAULICS

TURBULENT JETS

- RT FLUID AMPLIFIERS
 - JET STREAMS (METEOROLOGY)
- ∞ JETS

TURBULENT MIXING

- GS MIXING
 - . **TURBULENT MIXING**
- RT AGITATION
 - LAMINAR MIXING
 - MIXING LAYERS (FLUIDS)
 - MIXING LENGTH FLOW THEORY
 - RECIRCULATIVE FLUID FLOW
 - TRAPPED VORTICES
 - VORTICES

TURBULENT WAKES

- UF SWIRLING WAKES
- GS WAKES
 - . **TURBULENT WAKES**
 - . . SLIPSTREAMS
 - . . . PROPELLER SLIPSTREAMS
- RT AIRCRAFT WAKES
 - LAMINAR WAKES
 - TRAPPED VORTICES
 - VORTEX ADVISORY SYSTEM
 - VORTEX SHEETS
 - VORTEX STREETS

TURING MACHINES

- UF FINITE-STATE MACHINES
- RT AUTOMATA THEORY
 - DIGITAL COMPUTERS
- ∞ MACHINERY
 - MATHEMATICAL LOGIC
 - SELF ORGANIZING SYSTEMS

TURKEY

- GS NATIONS
 - . **TURKEY**
- RT BLACK SEA
 - EUROPE
 - TURKISH SPACE PROGRAM

TURKEYS

- GS ANIMALS
 - . VERTEBRATES
 - . . BIRDS
 - . . . **TURKEYS**

TURKEYS--(cont.)

- RT LIVESTOCK

TURKISH SPACE PROGRAM

- GS PROGRAMS
 - . SPACE PROGRAMS
 - . . EUROPEAN SPACE PROGRAMS
 - . . . **TURKISH SPACE PROGRAM**
- RT TURKEY

TURKMENISTAN

- GS NATIONS
 - . **TURKMENISTAN**
- RT ASIA

TURNAROUND (STS)

- RT DOWNTIME
 - FLIGHT TIME
 - LAUNCH DATES
 - SCHEDULES
 - SEQUENCING
 - SPACECRAFT MAINTENANCE
 - TESTING TIME

TURNING FLIGHT

- UF BANKING FLIGHT
- GS **TURNING FLIGHT**
 - . MINOR CIRCLE TURNING FLIGHT
- RT AERODYNAMIC BALANCE
 - AIRCRAFT MANEUVERS
 - AIRCRAFT STABILITY
 - CLIMBING FLIGHT
 - ∞ FLIGHT
 - FLIGHT PATHS
 - HORIZONTAL FLIGHT
 - LATERAL OSCILLATION
 - LATERAL STABILITY
 - MANEUVERS
 - MOMENTUM
 - ROLL
 - YAW

TURNSTILE ANTENNAS

- GS ANTENNAS
 - . OMNIDIRECTIONAL ANTENNAS
 - . . **TURNSTILE ANTENNAS**
 - . . . ARRAYS
 - . ANTENNA ARRAYS
 - . . **TURNSTILE ANTENNAS**
- RT DIPOLE ANTENNAS
 - ∞ GRIDS
 - WIRE GRID LENSES

TURPENTINE

- GS SOLVENTS
 - . **TURPENTINE**
 - . TERPENES
 - . . **TURPENTINE**
- RT PAINTS

∞ TURRET

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT GUN TURRETS
 - TURRET LATHES

TURRET LATHES

- GS TOOLS
 - . MACHINE TOOLS
 - . . LATHES
 - . . . **TURRET LATHES**
- RT ∞ TURRET

TURTLES

- GS ANIMALS
 - . VERTEBRATES
 - . . REPTILES
 - . . . **TURTLES**

TUTOR AIRCRAFT

- USE CL-41 AIRCRAFT

TVC (CONTROL)

- USE THRUST VECTOR CONTROL

TVD SCHEMES

- UF TOTAL VARIATION DIMINISHING SCHEMES
- GS ANALYSIS (MATHEMATICS)
 - . NUMERICAL ANALYSIS
 - . . APPROXIMATION
 - . . . **TVD SCHEMES**
- RT COMPUTATIONAL FLUID DYNAMICS

TVD SCHEMES--(cont.)

ESSENTIALLY NON-OSCILLATORY
SCHEMES
FINITE DIFFERENCE THEORY
FINITE VOLUME METHOD

TWENTY-FOUR HOUR ORBITS

GS ORBITS
 . EARTH ORBITS
 . **TWENTY-FOUR HOUR ORBITS**
 . SPACECRAFT ORBITS
 . SATELLITE ORBITS
 . **TWENTY-FOUR HOUR ORBITS**
RT CIRCULAR ORBITS
 EQUATORIAL ORBITS
 GEOSYNCHRONOUS ORBITS
 ORBITAL MECHANICS
 PAS
 PLANETARY ORBITS
 POLAR ORBITS
 STATIONARY ORBITS
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 SYNCHRONOUS SATELLITES

TWENTY-SEVEN DAY VARIATION

GS VARIATIONS
 . **TWENTY-SEVEN DAY VARIATION**
RT SOLAR CYCLES
 SOLAR ROTATION
 STARSPOTS
 SUNSPOTS

TWILIGHT GLOW

GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . AIRGLOW
 . **TWILIGHT GLOW**
 ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . SKY RADIATION
 . AIRGLOW
 . **TWILIGHT GLOW**
RT DAYGLOW
 NIGHT
 NIGHT SKY

TWINNING

GS **TWINNING**
 . MECHANICAL TWINNING
RT CRYSTAL DEFECTS
 CRYSTAL GROWTH
 CRYSTAL STRUCTURE
 GRAIN BOUNDARIES
 STACKING FAULT ENERGY

TWISTED WINGS

GS AIRFOILS
 . WINGS
 . **TWISTED WINGS**
RT CAMBERED WINGS
 FIXED WINGS
 FLEXIBLE WINGS
 RING WINGS
 UNCAMBERED WINGS

TWISTING

UF PRETWISTING
RT BENDING
 BUCKLING
 DEFORMATION
 DISTORTION
 STRUCTURAL STRAIN
 TORQUE
 TORSION
 TORSIONAL VIBRATION
 WARPAGE
 WINDING

TWITCHING

RT INVOLUNTARY ACTIONS
 MUSCLES
 MUSCULAR FUNCTION

TWO BODY ORBITS

USE TWO BODY PROBLEM

TWO BODY PROBLEM

UF TWO BODY ORBITS
RT BINARY STARS
 CELESTIAL MECHANICS
 EARTH-MOON SYSTEM
 HYLLERAAS COORDINATES
 MANY BODY PROBLEM

TWO BODY PROBLEM--(cont.)

ORBITAL MECHANICS
ORBITS
PERTURBATION
 ∞ PROBLEMS
 ROCHE LIMIT
 THREE BODY PROBLEM

TWO DIMENSIONAL BODIES

RT ∞ BODIES
 ∞ CROSS SECTIONS
 DUCTED BODIES
 MATHEMATICAL MODELS
 ∞ SURFACES

TWO DIMENSIONAL BOUNDARY LAYER

GS BOUNDARY LAYERS
 . **TWO DIMENSIONAL BOUNDARY LAYER**
RT LAMINAR BOUNDARY LAYER
 SUPERSONIC BOUNDARY LAYERS
 TURBULENT BOUNDARY LAYER

TWO DIMENSIONAL FLOW

GS FLUID FLOW
 . **TWO DIMENSIONAL FLOW**
 . COUETTE FLOW
RT AXIAL FLOW
 BLASIUS FLOW
 CAPILLARY WAVES
 COAXIAL FLOW
 FLOW GEOMETRY
 HARTMANN FLOW
 ONE DIMENSIONAL FLOW
 PRANDTL-MEYER EXPANSION
 RADIAL FLOW
 RAYLEIGH WAVES
 STEADY FLOW
 STREAM FUNCTIONS (FLUIDS)
 TAYLOR INSTABILITY
 THREE DIMENSIONAL FLOW
 WALL FLOW
 WEDGE FLOW

TWO DIMENSIONAL JETS

RT JET FLOW
 JET MIXING FLOW
 ∞ JETS
 WALL FLOW

TWO DIMENSIONAL MODELS

GS MODELS
 . **TWO DIMENSIONAL MODELS**
RT COMPUTERIZED SIMULATION
 MATHEMATICAL MODELS
 THREE DIMENSIONAL MODELS

TWO FLUID MODELS

RT BOLTZMANN DISTRIBUTION
 LIQUID HELIUM
 MAGNETOHYDRODYNAMIC FLOW
 MIXING LAYERS (FLUIDS)
 ROTATING PLASMAS
 SHOCK WAVE PROPAGATION
 SUPERFLUIDITY

TWO PHASE FLOW

GS FLUID FLOW
 . MULTIPHASE FLOW
 . **TWO PHASE FLOW**
RT GAS FLOW
 LAMINAR FLOW
 LIQUID FLOW
 PARTICLE IMAGE VELOCIMETRY
 ∞ PRESSURE DROP
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 TURBULENT FLOW

TWO PHASE SYSTEMS

USE BINARY SYSTEMS (MATERIALS)

TWO PHOTON COHERENT STATES

USE SQUEEZED STATES (QUANTUM THEORY)

TWO REFLECTOR ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . REFLECTOR ANTENNAS
 . **TWO REFLECTOR ANTENNAS**
RT CASSEGRAIN ANTENNAS
 RADIO ANTENNAS
 REFLECTOMETERS
 REFLECTORS

TWO STAGE PLASMA ENGINES

GS PLASMA POWER SOURCES
 . PLASMA ENGINES
 . **TWO STAGE PLASMA ENGINES**
RT ELECTRIC PROPULSION
 PLASMAS (PHYSICS)

TWO STAGE TURBINES

GS TURBOMACHINERY
 . TURBINES
 . **TWO STAGE TURBINES**
RT GAS TURBINE ENGINES
 GAS TURBINES
 STEAM TURBINES

TWO-WAVELENGTH LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . **TWO-WAVELENGTH LASERS**
RT COHERENT LIGHT
 DYE LASERS
 LASER OUTPUTS
 MASERS
 MOLECULAR OSCILLATORS
 QUANTUM AMPLIFIERS
 STIMULATED EMISSION

TX-33-39 ENGINE

USE XM-33 ENGINE

TX-77 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET ENGINES
 . **TX-77 ENGINE**
RT LANCE MISSILE

TX-354 ENGINE

UF CASTOR 2 ENGINE
GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET ENGINES
 . **TX-354 ENGINE**
RT BOOSTER ROCKET ENGINES
 LITTLE JOE 2 LAUNCH VEHICLE
 RAM B LAUNCH VEHICLE
 SCOUT LAUNCH VEHICLE
 SUSTAINER ROCKET ENGINES
 TRAILBLAZER 2 REENTRY VEHICLE
 XM-33 ENGINE

TYCHO CRATER

GS CRATERS
 . LUNAR CRATERS
 . **TYCHO CRATER**
RT METEORITE CRATERS

TYPE 2 BURSTS

GS BURSTS
 . RADIO BURSTS
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . EXTRATERRESTRIAL RADIO WAVES
 . RADIO BURSTS
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 . SOLAR RADIO EMISSION
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 . RADIO EMISSION
 . RADIO BURSTS
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 . SOLAR RADIO EMISSION
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 EMISSION
 . RADIO EMISSION
 . RADIO BURSTS
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 . SOLAR RADIO EMISSION
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . RADIO BURSTS
 . SOLAR RADIO BURSTS
 . **TYPE 2 BURSTS**
 . SOLAR RADIO EMISSION
 . SOLAR RADIO BURSTS

TYPE 2 BURSTS--(cont.)

... TYPE 2 BURSTS
 . SOLAR RADIATION
 . SOLAR RADIO EMISSION
 . SOLAR RADIO BURSTS
 TYPE 2 BURSTS

TYPE 3 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS
 SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 3 BURSTS

TYPE 4 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 EMISSION
 . RADIO EMISSION
 . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS
 SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 4 BURSTS

TYPE 5 BURSTS

GS BURSTS
 . RADIO BURSTS
 . . SOLAR RADIO BURSTS

TYPE 5 BURSTS--(cont.)

... TYPE 5 BURSTS
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 RADIO EMISSION
 RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 EMISSION
 . RADIO EMISSION
 . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 EXTRATERRESTRIAL RADIATION
 . EXTRATERRESTRIAL RADIO WAVES
 . . RADIO BURSTS
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS
 SOLAR RADIATION
 SOLAR RADIO EMISSION
 SOLAR RADIO BURSTS
 TYPE 5 BURSTS

TYPEWRITERS

GS TYPEWRITERS
 . AUTOMATIC TYPEWRITERS
 . TELETYPEWRITERS
 . TELEPRINTERS
 RT PRINTERS

TYPHOID

GS DISEASES
 . INFECTIOUS DISEASES
 . . BACTERIAL DISEASES
 TYPHOID

TYPHON WEAPON SYSTEM

GS WEAPON SYSTEMS
 . TYPHON WEAPON SYSTEM
 RT BUMBLEBEE PROJECT
 ∞ SYSTEMS

TYPHOONS

GS STORMS
 . STORMS (METEOROLOGY)
 . . CYCLONES
 TYPHOONS
 TROPICAL STORMS
 TYPHOONS
 RT ATMOSPHERIC CIRCULATION
 HURRICANES
 MARINE METEOROLOGY
 METEOROLOGY
 STORM DAMAGE
 TORNADOES

TYPHUS

GS DISEASES
 . INFECTIOUS DISEASES
 . . BACTERIAL DISEASES
 TYPHUS

TYROSINE

GS ACIDS
 . AMINO ACIDS
 . . TYROSINE
 ORGANIC COMPOUNDS
 AMINO ACIDS
 TYROSINE
 RT ENZYME ACTIVITY
 LIVER

T2J AIRCRAFT

USE T-2 AIRCRAFT

T3J AIRCRAFT

USE T-39 AIRCRAFT

U

U BENDS

GS PIPES (TUBES)
 . U BENDS
 RT FITTINGS

U SPIN SPACE

GS ALGEBRA
 . VECTOR SPACES
 . . U SPIN SPACE
 RT MATRICES (MATHEMATICS)
 QUANTUM MECHANICS

U TUBES

USE MANOMETERS

U.S.S.R.

UF SOVIET UNION
 GS NATIONS
 . U.S.S.R.
 RT ASIA
 BARENTS SEA
 BLACK SEA
 CAUCASUS MOUNTAINS (U.S.S.R.)
 EUROPE
 KURILE ISLANDS
 MOSCOW
 SEA OF OKHOTSK
 SIBERIA

U.S.S.R. SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 U.S.S.R. SPACE PROGRAM
 RT APOLLO SOYUZ TEST PROJECT
 BURAN SPACE SHUTTLE
 INTERNATIONAL COOPERATION
 INTERNATIONAL RELATIONS
 INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT
 LUNAR RETROREFLECTORS
 LUNIK LUNAR PROBES
 LUNIK 19 LUNAR PROBE
 LUNIK 22 LUNAR PROBE
 LUNOKHOD LUNAR ROVING VEHICLES
 MARS 1 SPACECRAFT
 MARS 2 SPACECRAFT
 MARS 3 SPACECRAFT
 MARS 4 SPACECRAFT
 MARS 5 SPACECRAFT
 MARS 6 SPACECRAFT
 MARS 7 SPACECRAFT
 MIR SPACE STATION
 MOLNIYA SATELLITES
 PROTON SATELLITES
 SALLYUT SPACE STATION
 SOYUZ SPACECRAFT
 VEGA PROJECT
 VENERA SATELLITES
 VENERA 8 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE

U-2 AIRCRAFT

UF LOCKHEED U-2 AIRCRAFT
 WU-2 AIRCRAFT
 GS JET AIRCRAFT
 . U-2 AIRCRAFT
 . . LOCKHEED AIRCRAFT
 U-2 AIRCRAFT
 MONOPLANES
 U-2 AIRCRAFT
 OBSERVATION AIRCRAFT
 U-2 AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 U-2 AIRCRAFT
 RESEARCH AIRCRAFT
 U-2 AIRCRAFT
 UTILITY AIRCRAFT
 U-2 AIRCRAFT
 RT ∞ AIRCRAFT

U-10 AIRCRAFT

UF COURIER AIRCRAFT
 L-28 AIRCRAFT
 GS HELIO AIRCRAFT
 . U-10 AIRCRAFT
 . . LIGHT AIRCRAFT
 U-10 AIRCRAFT
 MONOPLANES
 U-10 AIRCRAFT

U-10 AIRCRAFT--(cont.)

PASSENGER AIRCRAFT
 . **U-10 AIRCRAFT**
 UTILITY AIRCRAFT
 . **U-10 AIRCRAFT**
 V/STOL AIRCRAFT
 . SHORT TAKEOFF AIRCRAFT
 . . . **U-10 AIRCRAFT**
 RT ∞ AIRCRAFT

UARS (SATELLITE)

USE UPPER ATMOSPHERE RESEARCH
 SATELLITE (UARS)

UBV SPECTRA

GS SPECTRA
 . RADIATION SPECTRA
 . ELECTROMAGNETIC SPECTRA
 . . . **UBV SPECTRA**
 RT COLOR-COLOR DIAGRAM

UDIMET ALLOYS

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . **UDIMET ALLOYS**
 . NICKEL ALLOYS
 . . **UDIMET ALLOYS**

UFO

USE UNIDENTIFIED FLYING OBJECTS

UGANDA

GS NATIONS
 . **UGANDA**
 RT AFRICA

UH-1 HELICOPTER

UF HU-1 HELICOPTER
 IROQUOIS HELICOPTER
 RH-2 HELICOPTER
 YHU-1 HELICOPTER
 YUH-1 HELICOPTER
 GS BELL AIRCRAFT
 . **UH-1 HELICOPTER**
 UTILITY AIRCRAFT
 . **UH-1 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **UH-1 HELICOPTER**
 RT UH-60A HELICOPTER
 UH-61A HELICOPTER

UH-2 HELICOPTER

UF HU2K-1 HELICOPTER
 KAMAN UH-2A HELICOPTER
 SEASPRITE HELICOPTER
 GS KAMAN AIRCRAFT
 . **UH-2 HELICOPTER**
 UTILITY AIRCRAFT
 . **UH-2 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **UH-2 HELICOPTER**

UH-12 HELICOPTER

USE OH-23 HELICOPTER

UH-13 HELICOPTER

USE OH-13 HELICOPTER

UH-34 HELICOPTER

UF HUS-1 HELICOPTER
 SEAHORSE HELICOPTER
 GS SIKORSKY AIRCRAFT
 . **UH-34 HELICOPTER**
 TRANSPORT AIRCRAFT
 . **UH-34 HELICOPTER**
 UTILITY AIRCRAFT
 . **UH-34 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **UH-34 HELICOPTER**
 RT S-58 HELICOPTER

UH-60A HELICOPTER

UF YUH-60A HELICOPTER
 GS SIKORSKY AIRCRAFT
 . **UH-60A HELICOPTER**

UH-60A HELICOPTER--(cont.)

TRANSPORT AIRCRAFT
 . **UH-60A HELICOPTER**
 UTILITY AIRCRAFT
 . **UH-60A HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **UH-60A HELICOPTER**
 RT HELICOPTER DESIGN
 UH-1 HELICOPTER

UH-61A HELICOPTER

UF YUH-61A HELICOPTER
 GS SIKORSKY AIRCRAFT
 . **UH-61A HELICOPTER**
 TRANSPORT AIRCRAFT
 . **UH-61A HELICOPTER**
 UTILITY AIRCRAFT
 . **UH-61A HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 **UH-61A HELICOPTER**
 RT HELICOPTER DESIGN
 UH-1 HELICOPTER

UHTREX (NUCLEAR REACTORS)

USE HIGH TEMPERATURE NUCLEAR
 REACTORS

UHURU SATELLITE

UF EXPLORER 42 SATELLITE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . EXPLORER SATELLITES
 . . . **UHURU SATELLITE**
 RT GALACTIC RADIATION
 SAS
 SATELLITE OBSERVATION
 X RAY ASTRONOMY
 X RAY STARS

UK SATELLITES

UF UNITED KINGDOM SATELLITES
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . **UK SATELLITES**
 . . . UK 4 SATELLITE
 RT INFRARED ASTRONOMY SATELLITE
 SKYNET SATELLITES
 UK SPACE PROGRAM

UK SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . EUROPEAN SPACE PROGRAMS
 . . . **UK SPACE PROGRAM**
 RT HOTOL LAUNCH VEHICLE
 UK SATELLITES
 UNITED KINGDOM

UK 4 SATELLITE

GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . UK SATELLITES
 . . . **UK 4 SATELLITE**

UKRAINE

GS NATIONS
 . **UKRAINE**
 RT EUROPE

ULCERS

GS DISEASES
 . **ULCERS**
 RT CANCER

ULLAGE

RT FUEL TANK PRESSURIZATION
 FUEL TANKS
 INTERFACE STABILITY
 LIQUID SLOSHING
 PROPELLANT TANKS
 SPLASHING
 TANK GEOMETRY
 ULLAGE ROCKET ENGINES

ULLAGE ROCKET ENGINES

GS ENGINES
 . ROCKET ENGINES
 . . **ULLAGE ROCKET ENGINES**

ULLAGE ROCKET ENGINES--(cont.)

. TORPEDO ENGINES
 . . **ULLAGE ROCKET ENGINES**
 RT SOLID PROPELLANT ROCKET ENGINES
 ULLAGE

ULM (LIGHT MODULATION)

USE ULTRASONIC LIGHT MODULATION

ULNA

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . BONES
 . . . **ULNA**
 RT ARM (ANATOMY)
 ELBOW (ANATOMY)

ULTRA SHORT WAVE RADIO EQUIPMENT

USE VERY HIGH FREQUENCY RADIO
 EQUIPMENT

ULTRAHIGH FREQUENCIES

SN (300 TO 3000 MHZ)
 UF L BAND
 S BAND
 GS FREQUENCIES
 . RADIO FREQUENCIES
 . . **ULTRAHIGH FREQUENCIES**
 . . . P BAND
 RT DECIMETER WAVES
 EISCAT RADAR SYSTEM (EUROPE)
 FLEET SATELLITE COMMUNICATION
 . SYSTEM
 LOW FREQUENCY BANDS
 PASSIVE L-BAND RADIOMETERS
 PRAETERSONIC DEVICES
 UNIFIED S BAND
 VERY HIGH FREQUENCY RADIO
 EQUIPMENT

ULTRAHIGH VACUUM

GS PRESSURE
 . VACUUM
 . . **ULTRAHIGH VACUUM**
 RT HIGH VACUUM
 LOW DENSITY RESEARCH
 RESIDUAL GAS
 VACUUM APPARATUS
 VACUUM TESTS

ULTRALIGHT AIRCRAFT

RT ∞ AIRCRAFT
 HANG GLIDERS
 LIGHT AIRCRAFT
 MAN POWERED AIRCRAFT
 ∞ WINGED VEHICLES

ULTRALOW FREQUENCIES

USE EXTREMELY LOW RADIO FREQUENCIES

ULTRALOW TEMPERATURE

USE CRYOGENIC TEMPERATURE

ULTRAPURE METALS

GS METALS
 . **ULTRAPURE METALS**
 RT CRYSTAL LATTICES
 IMPURITIES
 PURIFICATION
 PURITY
 SINGLE CRYSTALS
 SPACE PROCESSING
 VAPOR DEPOSITION
 ZONE MELTING

ULTRASHORT PULSED LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . PULSED LASERS
 . . . **ULTRASHORT PULSED LASERS**
 RT GLASS LASERS
 LASER APPLICATIONS
 LIGHT AMPLIFIERS
 PULSE DURATION
 QUANTUM AMPLIFIERS
 STIMULATED EMISSION

ULTRASONIC AGITATION

GS AGITATION
 . **ULTRASONIC AGITATION**
 RT ULTRASONICS

ULTRASONIC CLEANING

GS CLEANING

ULTRASONIC CLEANING--(cont.)

- . **ULTRASONIC CLEANING**
- RT ACOUSTICS
- CAVITATION FLOW
- CLEANERS
- ETCHING
- FLUID FLOW
- GRINDING MACHINES
- MACHINE TOOLS
- PIEZOELECTRIC TRANSDUCERS
- POLISHING
- TOOLS
- TRANSDUCERS
- ULTRASONICS

ULTRASONIC DENSIMETERS

- GS MEASURING INSTRUMENTS
- . DENSIMETERS
- . . **ULTRASONIC DENSIMETERS**
- RT DENSITY (MASS/VOLUME)
- DENSITY MEASUREMENT
- ∞ INSTRUMENTS
- ∞ MEASUREMENT

ULTRASONIC FLAW DETECTION

- GS DETECTION
- . **ULTRASONIC FLAW DETECTION**
- RT ACOUSTIC IMAGING
- ∞ DETECTORS
- EXAMINATION
- IDENTIFYING
- INSPECTION
- NONDESTRUCTIVE TESTS
- QUALITY CONTROL
- ULTRASONIC SCANNERS

ULTRASONIC GRINDING MACHINES

- USE ULTRASONIC MACHINING

ULTRASONIC LIGHT MODULATION

- UF ULM (LIGHT MODULATION)
- GS MODULATION
- . LIGHT MODULATION
- . . **ULTRASONIC LIGHT MODULATION**
- RT BRAGG CELLS
- ULTRASONICS

ULTRASONIC MACHINING

- UF ULTRASONIC GRINDING MACHINES
- GS MACHINING
- . **ULTRASONIC MACHINING**
- RT ULTRASONICS

ULTRASONIC RADIATION

- UF ULTRASONIC WAVES
- GS ELASTIC WAVES
- . **ULTRASONIC RADIATION**
- RT ACOUSTIC FREQUENCIES
- COHERENT ACOUSTIC RADIATION
- MAGNETOELASTIC WAVES
- ∞ RADIATION
- SOUND WAVES
- ULTRASONICS
- UNDERWATER ACOUSTICS

ULTRASONIC SCANNERS

- GS SCANNERS
- . **ULTRASONIC SCANNERS**
- RT ACOUSTICS
- IMAGING TECHNIQUES
- MEASURING INSTRUMENTS
- SCANNING
- ULTRASONIC FLAW DETECTION
- ULTRASONICS

ULTRASONIC SOLDERING

- UF SONIC SOLDERING
- GS SOLDERING
- . **ULTRASONIC SOLDERING**
- RT BRAZING
- ∞ JOINING
- ULTRASONIC WELDING
- ULTRASONICS

ULTRASONIC SPECTROSCOPY

- GS SPECTROSCOPY
- . **ULTRASONIC SPECTROSCOPY**
- RT CRACKS
- NONDESTRUCTIVE TESTS
- SPECTRUM ANALYSIS

ULTRASONIC TESTS

- RT ACOUSTIC MEASUREMENT
- ACOUSTIC SOUNDING

ULTRASONIC TESTS--(cont.)

- DYNAMIC MODULUS OF ELASTICITY
- LAMB WAVES
- ∞ MATERIALS TESTS
- NONDESTRUCTIVE TESTS
- SH WAVES
- ∞ TESTS
- ULTRASONICS

ULTRASONIC WAVE TRANSDUCERS

- GS TRANSDUCERS
- . **ULTRASONIC WAVE TRANSDUCERS**
- RT ELECTROACOUSTICS
- ELECTRONIC TRANSDUCERS
- MICROPHONES
- PRESSURE SENSORS
- SONAR
- SURFACE ACOUSTIC WAVE DEVICES
- ULTRASONICS
- UNDERWATER ACOUSTICS

ULTRASONIC WAVES

- USE ULTRASONIC RADIATION

ULTRASONIC WELDING

- GS WELDING
- . PRESSURE WELDING
- . . **ULTRASONIC WELDING**
- RT SPOT WELDS
- ULTRASONIC SOLDERING
- ULTRASONICS

ULTRASONICS

- RT ACOUSTICS
- ELECTROACOUSTICS
- ULTRASONIC AGITATION
- ULTRASONIC CLEANING
- ULTRASONIC LIGHT MODULATION
- ULTRASONIC MACHINING
- ULTRASONIC RADIATION
- ULTRASONIC SCANNERS
- ULTRASONIC SOLDERING
- ULTRASONIC TESTS
- ULTRASONIC WAVE TRANSDUCERS
- ULTRASONIC WELDING

ULTRAVIOLET ABSORPTION

- GS ENERGY ABSORPTION
- . RADIATION ABSORPTION
- . . ELECTROMAGNETIC ABSORPTION
- . . . **ULTRAVIOLET ABSORPTION**
- RT ∞ ABSORPTION
- ULTRAVIOLET DETECTORS

ULTRAVIOLET ASTRONOMY

- GS ASTRONOMY
- . **ULTRAVIOLET ASTRONOMY**
- RT ELECTROMAGNETIC RADIATION
- EXTREME ULTRAVIOLET EXPLORER
- SATELLITE
- HUBBLE SPACE TELESCOPE
- LYMAN ALPHA RADIATION
- LYMAN BETA RADIATION
- SPARTAN SATELLITES
- STARSAT TELESCOPE
- TELESCOPES
- ULTRAVIOLET TELESCOPES

ULTRAVIOLET DETECTORS

- GS MEASURING INSTRUMENTS
- . RADIATION MEASURING INSTRUMENTS
- . . ACTINOMETERS
- . . . **ULTRAVIOLET DETECTORS**
- ULTRAVIOLET SPECTROMETERS
- TOTAL OZONE MAPPING
- SPECTROMETER
- ULTRAVIOLET
- SPECTROPHOTOMETERS
- RT ∞ DETECTORS
- PHOTOMETERS
- RADIOMETERS
- ULTRAVIOLET ABSORPTION
- ULTRAVIOLET RADIATION
- ULTRAVIOLET SPECTRA
- X RAY DETECTORS

ULTRAVIOLET EMISSION

- GS ELECTROMAGNETIC RADIATION
- . ULTRAVIOLET RADIATION
- . . **ULTRAVIOLET EMISSION**
- . . . EMISSION
- . . . **ULTRAVIOLET EMISSION**
- RT EMISSION SPECTRA
- SPECTRAL EMISSION
- ULTRAVIOLET SPECTRA

ULTRAVIOLET FILTERS

- GS ELECTROMAGNETIC WAVE FILTERS
- . OPTICAL FILTERS
- . . **ULTRAVIOLET FILTERS**
- RT BANDPASS FILTERS
- ELECTRIC FILTERS
- INFRARED FILTERS

ULTRAVIOLET LASERS

- UF UV LASERS
- GS STIMULATED EMISSION DEVICES
- . LASERS
- . . GAS LASERS
- . . . **ULTRAVIOLET LASERS**
- . . . PULSED LASERS
- . . . **ULTRAVIOLET LASERS**
- RT COHERENT LIGHT
- LASER OUTPUTS
- LIGHT AMPLIFIERS
- LIGHT TRANSMISSION
- MASERS
- MOLECULAR OSCILLATORS
- NITROGEN LASERS
- QUANTUM AMPLIFIERS
- STIMULATED EMISSION
- XENON CHLORIDE LASERS

ULTRAVIOLET LIGHT

- USE ULTRAVIOLET RADIATION

ULTRAVIOLET MICROSCOPY

- GS MICROSCOPY
- . **ULTRAVIOLET MICROSCOPY**
- RT MICROSCOPES

ULTRAVIOLET PHOTOGRAPHY

- GS PHOTOGRAPHY
- . **ULTRAVIOLET PHOTOGRAPHY**
- RT AERIAL PHOTOGRAPHY
- CAMERAS
- COLOR PHOTOGRAPHY
- FAINT OBJECT CAMERA
- INFRARED PHOTOGRAPHY
- RADAR PHOTOGRAPHY

ULTRAVIOLET PHOTOMETRY

- GS IMAGERY
- . **ULTRAVIOLET PHOTOMETRY**
- OPTICAL MEASUREMENT
- . PHOTOMETRY
- . . **ULTRAVIOLET PHOTOMETRY**
- . . . PHOTOGRAPHY
- . . . **ULTRAVIOLET PHOTOMETRY**
- RT BLACK AND WHITE PHOTOGRAPHY

ULTRAVIOLET RADIATION

- UF ULTRAVIOLET LIGHT
- GS ELECTROMAGNETIC RADIATION
- . **ULTRAVIOLET RADIATION**
- . . EXTREME ULTRAVIOLET RADIATION
- . . . FAR ULTRAVIOLET RADIATION
- LYMAN ALPHA RADIATION
- LYMAN BETA RADIATION
- NEAR ULTRAVIOLET RADIATION
- ULTRAVIOLET EMISSION
- RT BEAMS (RADIATION)
- BLACK BODY RADIATION
- CERENKOV RADIATION
- COHERENT ELECTROMAGNETIC
- RADIATION
- CORONAL HOLES
- DAYGLOW
- IUE
- MICROCHANNELS
- MONOCHROMATIC RADIATION
- POLARIZED ELECTROMAGNETIC
- RADIATION
- ∞ RADIATION
- SEYFERT GALAXIES
- SOLAR RADIATION
- STERILIZATION
- SUNLIGHT
- THERMAL RADIATION
- ULTRAVIOLET DETECTORS
- UMKEHR EFFECT

ULTRAVIOLET REFLECTION

- GS REFLECTION
- . **ULTRAVIOLET REFLECTION**
- RT INFRARED REFLECTION
- RADIO ECHOES
- REFLECTOMETERS
- SPREAD REFLECTION

UNDERWATER ACOUSTICS

UF HYDROACOUSTICS
 UNDERWATER SOUND
 GS ACOUSTICS
 . UNDERWATER ACOUSTICS
 RT ACOUSTIC SCATTERING
 COHERENT ACOUSTIC RADIATION
 DEEP SCATTERING LAYERS
 ECHO SOUNDING
 ELASTIC WAVES
 LOFAR
 NOISE (SOUND)
 SHOCK WAVES
 SONAR
 SONOBUOYS
 SOUND FIXING AND RANGING
 SOUND TRANSDUCERS
 THERMOCLINES
 ULTRASONIC RADIATION
 ULTRASONIC WAVE TRANSDUCERS

UNDERWATER BREATHING APPARATUS

GS BREATHING APPARATUS
 . UNDERWATER BREATHING APPARATUS
 RT ARGON-OXYGEN ATMOSPHERES
 BIOENGINEERING
 HELIUM-OXYGEN ATMOSPHERES
 LIFE SUPPORT SYSTEMS

UNDERWATER COMMUNICATION

GS TELECOMMUNICATION
 . COMMUNICATION
 . UNDERWATER COMMUNICATION
 RT SEAFARER PROJECT
 SHOCK WAVES
 SONAR
 SONOBUOYS
 SOUND TRANSDUCERS

UNDERWATER ENGINEERING

RT BREAKWATERS
 ∞ ENGINEERING
 SUBMERGED BODIES

UNDERWATER EXPLOSIONS

GS EXPLOSIONS
 . UNDERWATER EXPLOSIONS
 RT ANTISUBMARINE WARFARE
 CHEMICAL EXPLOSIONS
 HYDROBALLISTICS
 NUCLEAR EXPLOSIONS
 THERMONUCLEAR EXPLOSIONS

UNDERWATER OPTICS

RT DIFFRACTION PATTERNS
 DIFFRACTION PROPAGATION
 GEOMETRICAL OPTICS
 OPACITY
 OPTICAL DENSITY
 OPTICAL PATHS
 ∞ OPTICS
 REFRACTIVITY

UNDERWATER PHOTOGRAPHY

GS PHOTOGRAPHY
 . UNDERWATER PHOTOGRAPHY
 RT CAMERAS
 COLOR PHOTOGRAPHY
 SEA WATER
 SEAS
 SUBMERGED BODIES

UNDERWATER PHYSIOLOGY

GS PHYSIOLOGY
 . UNDERWATER PHYSIOLOGY
 RT DIVING (UNDERWATER)
 ∞ SCIENCE
 STRESS (PHYSIOLOGY)

UNDERWATER PROPULSION

GS PROPULSION
 . MARINE PROPULSION
 . UNDERWATER PROPULSION
 . . . SUBMARINE PROPULSION
 RT AEROQUATIC VEHICLES
 CHEMICAL PROPULSION
 ELECTRIC PROPULSION
 NUCLEAR PROPULSION
 PROPELLER DRIVE
 TORPEDO ENGINES

UNDERWATER RESEARCH LABORATORIES

GS LABORATORIES

UNDERWATER RESEARCH LABORATORIES--(cont.)

. UNDERWATER RESEARCH LABORATORIES
 RESEARCH VEHICLES
 . UNDERWATER RESEARCH LABORATORIES
 SUBMERGED BODIES
 . UNDERWATER RESEARCH LABORATORIES
 WATER VEHICLES
 . UNDERWATER VEHICLES
 . . UNDERWATER RESEARCH LABORATORIES
 RT BATHYMETERS
 OCEAN DATA ACQUISITIONS SYSTEMS
 OCEANOGRAPHY

UNDERWATER RESOURCES

GS RESOURCES
 . EARTH RESOURCES
 . . UNDERWATER RESOURCES
 RT CRUDE OIL
 DREDGING
 FOSSIL FUELS
 GEOTHERMAL RESOURCES
 MARINE RESOURCES
 MINERAL DEPOSITS
 OCEAN BOTTOM
 OCEANOGRAPHY
 OIL EXPLORATION
 SEA WATER
 WATER RESOURCES

UNDERWATER SOUND

USE UNDERWATER ACOUSTICS

UNDERWATER STRUCTURES

RT BREAKWATERS
 STRUCTURAL DESIGN
 SUBMERGED BODIES

UNDERWATER TESTS

GS ENVIRONMENTAL TESTS
 . UNDERWATER TESTS
 . . NEUTRAL BUOYANCY SIMULATION
 RT CORROSION TESTS
 DIVING (UNDERWATER)
 WATER IMMERSION

UNDERWATER TO SURFACE MISSILES

GS MISSILES
 . UNDERWATER TO SURFACE MISSILES
 . . SUBROC MISSILE
 RT ∞ SURFACES

UNDERWATER TRAJECTORIES

GS TRAJECTORIES
 . UNDERWATER TRAJECTORIES
 RT ANTISUBMARINE WARFARE
 HYDROBALLISTICS
 MISSILE TRAJECTORIES
 SUBROC MISSILE
 TORPEDOES

UNDERWATER VEHICLES

GS WATER VEHICLES
 . UNDERWATER VEHICLES
 . . SUBMARINES
 . . . BALLISTIC MISSILE SUBMARINES
 . . . GUIDED MISSILE SUBMARINES
 . . . TRIDENT SUBMARINE
 . . UNDERWATER RESEARCH LABORATORIES
 RT AEROQUATIC VEHICLES
 BOATS
 ∞ MILITARY VEHICLES
 RESEARCH VEHICLES
 SHIPS
 SUBMERGED BODIES
 SURFACE VEHICLES
 ∞ VEHICLES

UNIAXIAL STRAIN

USE AXIAL STRAIN

UNIDENTIFIED FLYING OBJECTS

UF UFO
 RT ∞ AIRCRAFT
 EXTRATERRESTRIAL INTELLIGENCE
 ∞ SPACECRAFT
 ∞ VEHICLES

UNIFIED FIELD THEORY

GS FIELD THEORY (PHYSICS)

UNIFIED FIELD THEORY--(cont.)

. GRAND UNIFIED THEORY
 . . UNIFIED FIELD THEORY
 RT ELECTROMAGNETIC FIELDS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROMAGNETISM
 GRAVITATION THEORY
 GRAVITATIONAL FIELDS
 PARTICLE THEORY
 PLASMA PHYSICS
 RELATIVITY
 STRING THEORY
 SUPERGRAVITY
 SUPERSYMMETRY
 THEORETICAL PHYSICS

UNIFIED S BAND

RT APOLLO SPACECRAFT
 CARRIER FREQUENCIES
 CIRCUMLUNAR COMMUNICATION
 COMMUNICATION EQUIPMENT
 DIFFERENTIAL PULSE CODE MODULATION
 MANNED SPACE FLIGHT NETWORK
 PULSE CODE MODULATION
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION
 SPACECRAFT TRACKING
 SUPERHIGH FREQUENCIES
 ULTRAHIGH FREQUENCIES

UNIFORM FLOW

GS FLUID FLOW
 . UNIFORM FLOW
 . . BLASIUS FLOW
 RT AERODYNAMICS
 FLUID DYNAMICS
 GAS FLOW
 HEAT TRANSMISSION
 LAMINAR FLOW
 LIQUID FLOW
 MASS FLOW
 MULTIPHASE FLOW
 NONUNIFORM FLOW
 PIPE FLOW
 PRESSURE GRADIENTS
 QUASI-STEADY STATES
 SINGLE-PHASE FLOW
 SOLIDS FLOW
 STEADY FLOW
 STEAM FLOW
 SUBCRITICAL FLOW
 TURBULENT FLOW
 UNSTEADY FLOW

UNIMOLECULAR STRUCTURES

RT MOLECULAR STRUCTURE
 ∞ STRUCTURES

UNIONIZATION

RT FEDERATIONS
 ORGANIZING
 PERSONNEL
 ∞ UNIONS

∞ UNIONS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 RT BOOLEAN ALGEBRA
 UNIONIZATION
 UNIONS (CONNECTORS)

UNIONS (CONNECTORS)

GS CONNECTORS
 . UNIONS (CONNECTORS)
 RT COUPLINGS
 FASTENERS
 FITTINGS
 JOINTS (JUNCTIONS)
 LINKAGES
 ∞ UNIONS

UNIPHASE FLOW

USE SINGLE-PHASE FLOW

UNIPOLAR TRANSISTORS

USE FIELD EFFECT TRANSISTORS

UNIQUENESS

RT ABNORMALITIES
 SINGULARITY (MATHEMATICS)

UNIQUENESS THEOREM

GS THEOREMS
 . **UNIQUENESS THEOREM**
 RT ALGEBRA
 COMPLEX VARIABLES
 GEOMETRY
 NUMBER THEORY
 PROBABILITY THEORY
 REAL VARIABLES

UNITED ARAB EMIRATES

GS NATIONS
 . **UNITED ARAB EMIRATES**

UNITED KINGDOM

UF GREAT BRITAIN
 GS NATIONS
 . **UNITED KINGDOM**
 . . ENGLAND
 . . GIBRALTAR
 . . NORTHERN IRELAND
 . . SCOTLAND
 . . WALES
 RT ENGLISH CHANNEL
 EUROPE
 UK SPACE PROGRAM

UNITED KINGDOM SATELLITES

USE UK SATELLITES

UNITED NATIONS

RT COMMUNITIES
 DEVELOPING NATIONS
 FEDERATIONS
 INTERNATIONAL COOPERATION
 INTERNATIONAL LAW
 NATIONS
 ORGANIZATIONS
 POLITICS
 SEA LAW
 WORLD METEOROLOGICAL ORGANIZATION

UNITED STATES

UF USA (UNITED STATES)
 GS NATIONS
 . **UNITED STATES**
 . . ALABAMA
 . . ALASKA
 . . ARIZONA
 . . ARKANSAS
 . . CALIFORNIA
 . . COLORADO
 . . CONNECTICUT
 . . DELAWARE
 . . FLORIDA
 . . GEORGIA
 . . HAWAII
 . . IDAHO
 . . ILLINOIS
 . . INDIANA
 . . IOWA
 . . KANSAS
 . . KENTUCKY
 . . LOUISIANA
 . . MAINE
 . . MARYLAND
 . . MASSACHUSETTS
 . . MICHIGAN
 . . MINNESOTA
 . . MISSISSIPPI
 . . MISSOURI
 . . MONTANA
 . . NEBRASKA
 . . NEVADA
 . . NEW HAMPSHIRE
 . . NEW JERSEY
 . . NEW MEXICO
 . . NEW YORK
 . . NORTH CAROLINA
 . . NORTH DAKOTA
 . . OHIO
 . . OKLAHOMA
 . . OREGON
 . . PENNSYLVANIA
 . . RHODE ISLAND
 . . SOUTH CAROLINA
 . . SOUTH DAKOTA
 . . TENNESSEE
 . . TEXAS
 . . UTAH
 . . VERMONT
 . . VIRGINIA
 . . WASHINGTON
 . . WEST VIRGINIA

UNITED STATES--(cont.)

GS WISCONSIN
 . . WYOMING
 RT ALEUTIAN ISLANDS (US)
 CASCADE RANGE (CA-OR-WA)
 CENTRAL ATLANTIC REGION (US)
 DISTRICT OF COLUMBIA
 GREAT LAKES (NORTH AMERICA)
 GREAT PLAINS CORRIDOR (NORTH AMERICA)
 GUAM
 INTERNATIONAL FIELD YEAR FOR GREAT LAKES
 INTERNATIONAL HYDROLOGICAL DECADE
 MISSOURI RIVER (US)
 NEW ENGLAND (US)
 NORTH AMERICA
 PACIFIC NORTHWEST (US)
 PANAMA CANAL ZONE
 PUERTO RICO
 ROCKY MOUNTAINS (NORTH AMERICA)
 SOUTHERN CALIFORNIA
 VIRGIN ISLANDS

UNITS OF MEASUREMENT

GS **UNITS OF MEASUREMENT**
 . INTERNATIONAL SYSTEM OF UNITS
 RT CONVERSION TABLES
 DIMENSIONAL ANALYSIS
 DIMENSIONS
 . MEASUREMENT
 METRICATION
 METROLOGY
 MONTH
 PARAMETERIZATION
 SIDEREAL TIME
 SYMBOLS
 TIME

UNITY

RT HOMOGENEITY
 STABILITY

UNIVAC COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . **UNIVAC COMPUTERS**
 . . . UNIVAC LARC COMPUTER
 . . . UNIVAC 80 COMPUTER
 . . . UNIVAC 418 COMPUTER
 . . . UNIVAC 490 COMPUTER
 . . . UNIVAC 494 COMPUTER
 . . . UNIVAC 1100 SERIES COMPUTERS
 UNIVAC 1105 COMPUTER
 UNIVAC 1106 COMPUTER
 UNIVAC 1107 COMPUTER
 UNIVAC 1108 COMPUTER
 UNIVAC 1110 COMPUTER
 . . . UNIVAC 1230 COMPUTER
 RT DIGITAL COMPUTERS

UNIVAC LARC COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **UNIVAC LARC COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC LARC COMPUTER**

UNIVAC 80 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **UNIVAC 80 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC 80 COMPUTER**

UNIVAC 418 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **UNIVAC 418 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC 418 COMPUTER**

UNIVAC 490 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **UNIVAC 490 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC 490 COMPUTER**

UNIVAC 494 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **UNIVAC 494 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC 494 COMPUTER**

UNIVAC 1100 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . ANALOG COMPUTERS
 . . . **UNIVAC 1100 SERIES COMPUTERS**
 . . . DIGITAL COMPUTERS
 **UNIVAC 1100 SERIES COMPUTERS**
 UNIVAC 1105 COMPUTER
 UNIVAC 1106 COMPUTER
 UNIVAC 1107 COMPUTER
 UNIVAC 1108 COMPUTER
 UNIVAC 1110 COMPUTER
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC 1100 SERIES COMPUTERS**
 UNIVAC 1105 COMPUTER
 UNIVAC 1106 COMPUTER
 UNIVAC 1107 COMPUTER
 UNIVAC 1108 COMPUTER
 UNIVAC 1110 COMPUTER

UNIVAC 1105 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 **UNIVAC 1105 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . **UNIVAC 1105 COMPUTER**

UNIVAC 1106 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 **UNIVAC 1106 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . **UNIVAC 1106 COMPUTER**

UNIVAC 1107 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 **UNIVAC 1107 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . **UNIVAC 1107 COMPUTER**

UNIVAC 1108 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 **UNIVAC 1108 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . **UNIVAC 1108 COMPUTER**

UNIVAC 1110 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 **UNIVAC 1110 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . UNIVAC 1100 SERIES COMPUTERS
 . . . **UNIVAC 1110 COMPUTER**

UNIVAC 1230 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **UNIVAC 1230 COMPUTER**
 . . . UNIVAC COMPUTERS
 . . . **UNIVAC 1230 COMPUTER**

UNIVERSAL TIME

GS TIME
 . **UNIVERSAL TIME**
 RT EPHEMERIS TIME

UNIVERSE

UF METAGALAXY
 RT BIG BANG COSMOLOGY

UNIVERSE--(cont.)

CELESTIAL BODIES
COSMOLOGY
∞ COSMOS
DARK MATTER
RELIC RADIATION

UNIVERSITIES

UF COLLEGES
RT EDUCATION
INSTRUCTORS
LEARNING
SCHOOLS
STUDENTS

UNIVERSITY PROGRAM

GS PROGRAMS
UNIVERSITY PROGRAM
RT BUREAUS (ORGANIZATIONS)
INVESTIGATION
NASA PROGRAMS
TEAMS

UNIX (OPERATING SYSTEM)

GS COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
OPERATING SYSTEMS (COMPUTERS)
UNIX (OPERATING SYSTEM)
RT COMPUTER PROGRAMMING
SOFTWARE ENGINEERING
WORKSTATIONS

UNLOADING

RT ∞ DISCHARGE
DISPOSAL
DUMPING
EJECTION
EMPTYING
EVACUATING (TRANSPORTATION)
EXPULSION
LOADING OPERATIONS
MATERIALS HANDLING
RELEASING
REMOVAL
SPREADING

UNLOADING WAVES

GS ELASTIC WAVES
UNLOADING WAVES

UNMANNED SPACECRAFT

GS UNMANNED SPACECRAFT
ECHO 2 SATELLITE
HEAO 1
HEAO 2
HEAO 3
HOTOL LAUNCH VEHICLE
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER
BUS
SPACE PROBES
EXPLORER 18 SATELLITE
GIOTTO MISSION
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
LUNAR PROBES
LUNIK LUNAR PROBES
LUNIK 2 LUNAR PROBE
LUNIK 3 LUNAR PROBE
LUNIK 9 LUNAR PROBE
LUNIK 10 LUNAR PROBE
LUNIK 11 LUNAR PROBE
LUNIK 12 LUNAR PROBE
LUNIK 13 LUNAR PROBE
LUNIK 14 LUNAR PROBE
LUNIK 16 LUNAR PROBE
LUNIK 17 LUNAR PROBE
LUNIK 19 LUNAR PROBE
LUNIK 20 LUNAR PROBE
LUNIK 22 LUNAR PROBE
RANGER LUNAR PROBES
RANGER LUNAR LANDING
VEHICLES
RANGER 1 LUNAR PROBE
RANGER 2 LUNAR PROBE
RANGER 3 LUNAR PROBE
RANGER 4 LUNAR PROBE
RANGER 5 LUNAR PROBE
RANGER 6 LUNAR PROBE
RANGER 7 LUNAR PROBE
RANGER 8 LUNAR PROBE
RANGER 9 LUNAR PROBE

UNMANNED SPACECRAFT--(cont.)

SURVEYOR LUNAR PROBES
SURVEYOR 1 LUNAR PROBE
SURVEYOR 2 LUNAR PROBE
SURVEYOR 3 LUNAR PROBE
SURVEYOR 4 LUNAR PROBE
SURVEYOR 5 LUNAR PROBE
SURVEYOR 6 LUNAR PROBE
SURVEYOR 7 LUNAR PROBE
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC
SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARS OBSERVER
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING ORBITER 1975
VIKING 1 SPACECRAFT
VIKING LANDER 1
VIKING ORBITER 1
VIKING 2 SPACECRAFT
VIKING LANDER 2
VIKING ORBITER 2
ZOND 2 SPACE PROBE
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER
PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
STARPROBE SPACECRAFT
SUNBLAZER SPACE PROBE
VENUS PROBES
MAGELLAN SPACECRAFT (NASA)
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 10 SPACE PROBE
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE

UNMANNED SPACECRAFT--(cont.)

VENERA 11 SATELLITE
VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
TECHNOLOGY FEASIBILITY
SPACECRAFT
ZOND SPACE PROBES
ZOND 1 SPACE PROBE
ZOND 2 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
GEOPHYSICAL SATELLITES
GRAVITY GRADIENT SATELLITES
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
LUNAR LANDING MODULES
LUNAR SATELLITES
LUNAR SPACECRAFT
MANNED SPACECRAFT
MARINER PROGRAM
METEOROLOGICAL SATELLITES
MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SIRS B SATELLITE
SPACE CAPSULES
∞ SPACECRAFT
VOYAGER PROJECT

UNSATURATION (CHEMISTRY)

RT CHEMICAL BONDS
∞ CHEMISTRY
PRECIPITATION (CHEMISTRY)
∞ SATURATION
SATURATION (CHEMISTRY)

UNSTEADY AERODYNAMICS

GS FLUID MECHANICS
FLUID DYNAMICS
GAS DYNAMICS
AERODYNAMICS
UNSTEADY AERODYNAMICS
RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC FORCES
AERODYNAMIC STABILITY
AEROELASTICITY
AEROSERVOELASTICITY
FLUTTER
FLUTTER ANALYSIS
UNSTEADY FLOW
WING OSCILLATIONS

UNSTEADY FLOW

UF PULSATING FLOW
GS FLUID FLOW
UNSTEADY FLOW
OSCILLATING FLOW
RT AERODYNAMICS
CRITICAL FLOW
∞ FLOW
FLOW STABILITY
FLOW VELOCITY
FLUID DYNAMICS
GAS FLOW
HEAT TRANSMISSION
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
METHOD OF CHARACTERISTICS
MULTIPHASE FLOW
NONEQUILIBRIUM FLOW
NONNEWTONIAN FLOW
NONUNIFORM FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
SOLIDS FLOW

UNSTEADY FLOW--(cont.)

STEADY FLOW
STEADY STATE
STEAM FLOW
STROUHAL NUMBER
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
UNIFORM FLOW
UNSTEADY AERODYNAMICS

UNSTEADY STATE

RT ∞ EQUILIBRIUM
FLUID DYNAMICS
METASTABLE STATE
NONEQUILIBRIUM CONDITIONS
STABILITY
STEADY STATE
SYSTEMS STABILITY
THERMODYNAMICS

UNSWEEP WINGS

GS AIRFOILS
WINGS
UNSWEEP WINGS
INFINITE SPAN WINGS
RECTANGULAR WINGS
RING WINGS
RT FIXED WINGS
SWEEP WINGS
WING PLANFORMS

UP-CONVERTERS

GS FREQUENCY CONVERTERS
UP-CONVERTERS
RT ∞ CONVERTERS
PARAMETRIC FREQUENCY CONVERTERS
TRANSFORMERS

UPDRAFTS

USE VERTICAL AIR CURRENTS

UPGRADING

RT BENEFICIATION
CONCENTRATING
ENRICHMENT
EXPERIENCE
IMPROVEMENT
PROMOTION
PUBLIC RELATIONS
PURIFICATION
QUALITY
REFINING

UPLINKING

RT CARRIER TO NOISE RATIOS
COMMUNICATION SATELLITES
DOWNLINKING
FREQUENCY REUSE
MICROWAVE TRANSMISSION
SATELLITE TRANSMISSION
TRANSMISSION EFFICIENCY

UPPER AIR

USE UPPER ATMOSPHERE

UPPER ATMOSPHERE

UF UPPER AIR
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EARTH IONOSPHERE
E REGION
E-1 LAYER
E-2 LAYER
SPORADIC E LAYER
LOWER IONOSPHERE
D REGION
UPPER IONOSPHERE
F REGION
F 1 REGION
F 2 REGION
EXOSPHERE
THERMOSPHERE
TURBOPAUSE
ACOUSTIC SOUNDING
AERONOMY
CHEMOSPHERE
FIELD ALIGNED CURRENTS
HETEROSPHERE
HIGH ALTITUDE
HOMOSPHERE
METEOR TRAILS
METEOROLOGICAL BALLOONS
MIDDLE ATMOSPHERE
OZONOSPHERE

UPPER ATMOSPHERE--(cont.)

PLASMASPHERE
PROTON PRECIPITATION
RADIATION BELTS
SATELLITE ATMOSPHERES
UPPER ATMOSPHERE RESEARCH
SATELLITE (UARS)

UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)

UF UARS (SATELLITE)
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
UPPER ATMOSPHERE RESEARCH
SATELLITE (UARS)
RT UPPER ATMOSPHERE

UPPER IONOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EARTH IONOSPHERE
UPPER IONOSPHERE
F REGION
F 1 REGION
F 2 REGION
RT E REGION

UPPER STAGE ROCKET ENGINES

GS ENGINES
ROCKET ENGINES
UPPER STAGE ROCKET ENGINES
RT INERTIAL UPPER STAGE
MULTISTAGE ROCKET VEHICLES
SPACECRAFT CONFIGURATIONS
SPINNING SOLID UPPER STAGE
STAGE SEPARATION

UPPER SURFACE BLOWING

GS BLOWING
UPPER SURFACE BLOWING
RT AERODYNAMIC CHARACTERISTICS
AIRCRAFT CONFIGURATIONS
CIRCULATION CONTROL AIRFOILS
LIFT
 ∞ SURFACES
UNDER SURFACE BLOWING

UPPER SURFACE BLOWN FLAPS

GS AIRFOILS
FLAPS (CONTROL SURFACES)
EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS
CONTROL SURFACES
FLAPS (CONTROL SURFACES)
EXTERNALLY BLOWN FLAPS
UPPER SURFACE BLOWN FLAPS
RT AIRCRAFT STABILITY
BOUNDARY LAYER CONTROL
LIFT AUGMENTATION
LIFT DEVICES
 ∞ SURFACES

UPPER VOLTA

USE BURKINA

UPSETTING

RT COLD PRESSING
COLD WORKING
FORMING TECHNIQUES
HOT ISOSTATIC PRESSING
HOT PRESSING
HOT WORKING
PRESSING (FORMING)
STAMPING

UPSTREAM

RT AIR CURRENTS
WATER CURRENTS
WIND DIRECTION

UPWASH

RT DOWNWASH
 ∞ DRAFT
INTERFERENCE DRAG
INTERFERENCE LIFT

UPWELLING

USE UPWELLING WATER

UPWELLING WATER

UF UPWELLING
RT ATMOSPHERIC CIRCULATION
COASTS
OCEAN CURRENTS

UPWELLING WATER--(cont.)

WIND (METEOROLOGY)
WIND DIRECTION

UPWIND SCHEMES (MATHEMATICS)

GS ANALYSIS (MATHEMATICS)
NUMERICAL ANALYSIS
APPROXIMATION
UPWIND SCHEMES (MATHEMATICS)
RT COMPUTATIONAL FLUID DYNAMICS
EULER EQUATIONS OF MOTION
FINITE DIFFERENCE THEORY

URACIL

GS BASES (CHEMICAL)
URACIL
NITROGEN COMPOUNDS
URACIL
ORGANIC COMPOUNDS
CYCLIC COMPOUNDS
HETEROCYCLIC COMPOUNDS
PYRIMIDINES
URACIL
RT ALLOXAN
URIDYLIC ACID

URANIUM

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
METALS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232
URANIUM 233
URANIUM 234
URANIUM 235
URANIUM 238
RT FISSIONABLE MATERIALS
JET MEMBRANE PROCESS
NUCLEAR FUELS
URANIUM PLASMAS

URANIUM ALLOYS

GS ALLOYS
URANIUM ALLOYS
RT NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS

URANIUM CARBIDES

GS ACTINIDE SERIES COMPOUNDS
URANIUM COMPOUNDS
URANIUM CARBIDES
CARBON COMPOUNDS
CARBIDES
URANIUM CARBIDES
RT CERAMIC NUCLEAR FUELS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS

URANIUM COMPOUNDS

GS ACTINIDE SERIES COMPOUNDS
URANIUM COMPOUNDS
URANIUM CARBIDES
URANIUM FLUORIDES
URANIUM OXIDES
RT CERAMIC NUCLEAR FUELS
 ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS
NUCLEAR FUELS

URANIUM FLUORIDES

GS ACTINIDE SERIES COMPOUNDS
URANIUM COMPOUNDS
URANIUM FLUORIDES
HALOGEN COMPOUNDS
FLUORINE COMPOUNDS
FLUORIDES
METAL FLUORIDES
URANIUM FLUORIDES

URANIUM ISOTOPES

GS CHEMICAL ELEMENTS
ACTINIDE SERIES
URANIUM
URANIUM ISOTOPES
URANIUM 232
URANIUM 233

URANIUM ISOTOPES--(cont.)

. URANIUM 234
 URANIUM 235
 URANIUM 238
 NUCLIDES
 ISOTOPES
 **URANIUM ISOTOPES**
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238
 METALS
 ACTINIDE SERIES
 URANIUM
 **URANIUM ISOTOPES**
 URANIUM 232
 URANIUM 233
 URANIUM 234
 URANIUM 235
 URANIUM 238

URANIUM OXIDES

GS ACTINIDE SERIES COMPOUNDS
 URANIUM COMPOUNDS
 **URANIUM OXIDES**
 CHALCOGENIDES
 OXIDES
 METAL OXIDES
 **URANIUM OXIDES**
 RT CERAMIC NUCLEAR FUELS
 MIXED OXIDES
 NUCLEAR FUELS

URANIUM PLASMAS

GS METALS
 **URANIUM PLASMAS**
 RT MAGNETOHYDRODYNAMICS
 PLASMA COMPOSITION
 PLASMA PHYSICS
 RADIOACTIVE MATERIALS
 URANIUM

URANIUM 232

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 232**
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 **URANIUM 232**
 URANIUM ISOTOPES
 **URANIUM 232**
 METALS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 232**

URANIUM 233

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 233**
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 **URANIUM 233**
 URANIUM ISOTOPES
 **URANIUM 233**
 METALS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 233**
 RT NUCLEAR FUELS

URANIUM 234

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 234**
 NUCLIDES
 ISOTOPES
 URANIUM ISOTOPES
 **URANIUM 234**
 METALS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 234**

URANIUM 235

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 235**
 NUCLIDES
 ISOTOPES
 URANIUM ISOTOPES
 **URANIUM 235**
 METALS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 235**
 RT NUCLEAR FUELS

URANIUM 238

GS CHEMICAL ELEMENTS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 238**
 NUCLIDES
 ISOTOPES
 RADIOACTIVE ISOTOPES
 **URANIUM 238**
 URANIUM ISOTOPES
 **URANIUM 238**
 METALS
 ACTINIDE SERIES
 URANIUM
 URANIUM ISOTOPES
 **URANIUM 238**
 RT NUCLEAR FUELS

URANUS (PLANET)

GS CELESTIAL BODIES
 PLANETS
 GAS GIANT PLANETS
 **URANUS (PLANET)**
 RT ARIEL
 MIRANDA
 OBERON
 TITANIA
 UMBRIEL
 URANUS ATMOSPHERE
 URANUS RINGS
 VOYAGER 2 SPACECRAFT

URANUS ATMOSPHERE

GS ENVIRONMENTS
 EXTRATERRESTRIAL ENVIRONMENTS
 PLANETARY ENVIRONMENTS
 PLANETARY ATMOSPHERES
 **URANUS ATMOSPHERE**
 RT AEROSPACE ENVIRONMENTS
 ATMOSPHERES
 GAS GIANT PLANETS
 HYDROGEN
 METHANE
 PLANETARY IONOSPHERES
 URANUS (PLANET)

URANUS RINGS

GS CELESTIAL BODIES
 PLANETARY RINGS
 **URANUS RINGS**
 RT JUPITER RINGS
 MOONLETS
 NATURAL SATELLITES
 PLANETARY STRUCTURE
 RINGS
 SATURN RINGS
 URANUS (PLANET)

URANUS SATELLITES

GS CELESTIAL BODIES
 NATURAL SATELLITES
 **URANUS SATELLITES**
 ARIEL
 MIRANDA
 OBERON
 TITANIA
 UMBRIEL

URBAN AREAS

USE CITIES

URBAN DEVELOPMENT

RT CITIES
 COMMUNITIES
 DEVELOPMENT
 ECONOMIC DEVELOPMENT
 INDUSTRIAL AREAS

URBAN DEVELOPMENT--(cont.)

LAND USE
 MEGALOPOLISES
 OPERATIONS RESEARCH
 PARKS
 PLANNING
 PLANS
 REGIONAL PLANNING
 RESIDENTIAL AREAS
 RESOURCES
 STARSITE PROGRAM
 TECHNOLOGIES

URBAN PLANNING

GS PLANNING
 REGIONAL PLANNING
 **URBAN PLANNING**
 RT CENSUS
 CITIES
 COMMUNITIES
 HEAT ISLANDS
 HIGHWAYS
 LAND MANAGEMENT
 LAND USE
 PARKS
 PUBLIC HEALTH
 RECREATION
 SOCIAL FACTORS
 SOCIOLOGY
 STARSITE PROGRAM
 STREETS

URBAN RESEARCH

RT CITIES
 COMMUNITIES
 LAND USE
 RECREATION
 SOCIAL FACTORS
 STREETS

URBAN TRANSPORTATION

GS TRANSPORTATION
 **URBAN TRANSPORTATION**
 RT AUTOMATED GUIDEWAY TRANSIT
 VEHICLES
 AUTOMATED MIXED TRAFFIC VEHICLES
 AUTOMATED TRANSIT VEHICLES
 INDUSTRIAL AREAS
 MEGALOPOLISES
 RAIL TRANSPORTATION
 RAPID TRANSIT SYSTEMS
 REGIONAL PLANNING
 SURFACE VEHICLES

UREAS

GS NITROGEN COMPOUNDS
 AMIDES
 **UREAS**
 DIFLUOROUREA
 THIOUREAS
 THIURONIUM
 RT DIURETICS
 FERTILIZERS
 URINE

UREILITES

GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 ACHONDRITES
 **UREILITES**
 CARBONACEOUS METEORITES
 **UREILITES**
 RT METEORITIC DIAMONDS

URETHANES

GS ESTERS
 CARBAMATES (TRADENAME)
 **URETHANES**
 RT CYANATES

URIC ACID

GS ACIDS
 **URIC ACID**
 FUNGICIDES
 XANTHINES
 **URIC ACID**
 NITROGEN COMPOUNDS
 XANTHINES
 **URIC ACID**
 ORGANIC COMPOUNDS
 CYCLIC COMPOUNDS
 HETEROCYCLIC COMPOUNDS
 PURINES
 XANTHINES

URIC ACID--(cont.)

RT **URIC ACID**
ALLOXAN

URIDYLIC ACID

GS ACIDS
URIDYLIC ACID
ORGANIC COMPOUNDS
NUCLEOTIDES
URIDYLIC ACID
ORGANIC PHOSPHORUS COMPOUNDS
URIDYLIC ACID
PHOSPHORUS COMPOUNDS
ORGANIC PHOSPHORUS COMPOUNDS
URIDYLIC ACID
PHOSPHATES
URIDYLIC ACID
RT AMINO ACIDS
NUCLEIC ACIDS
URACIL

URINALYSIS

GS CHEMICAL TESTS
CHEMICAL ANALYSIS
URINALYSIS
RT DIABETES MELLITUS
PHYSIOLOGICAL TESTS
URINE

URINATION

UF MICTURITION
RT DIURESIS
URINE
WATER BALANCE

URINE

GS BODY FLUIDS
URINE
WASTES
LIQUID WASTES
URINE
METABOLIC WASTES
HUMAN WASTES
URINE
RT ANTIDIURETICS
CREATININE
EXCRETION
FECEs
HEMATURIA
KIDNEYS
UREAS
URINALYSIS
URINATION

UROGRAPHY

GS IMAGERY
RADIOGRAPHY
UROGRAPHY
PHOTOGRAPHY
UROGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY

UROLITHIASIS

GS DISEASES
UROLITHIASIS
RT CALCULI
KIDNEYS
UROLOGY

UROLOGY

GS MEDICAL SCIENCE
UROLOGY
RT BLADDER
GENITOURINARY SYSTEM
KIDNEYS
UROLITHIASIS

URUGUAY

GS NATIONS
URUGUAY
RT SOUTH AMERICA

US-2A AIRCRAFT

USE S-2 AIRCRAFT

USA (UNITED STATES)

USE UNITED STATES

USER MANUALS (COMPUTER PROGRAMS)

GS DOCUMENTS
HANDBOOKS
USER MANUALS (COMPUTER PROGRAMS)
MANUALS

USER MANUALS (COMPUTER PROGRAMS)--(cont.)

RT **USER MANUALS (COMPUTER PROGRAMS)**
COMPUTER PROGRAMS
REPORT GENERATORS
ROUTINES
SUBROUTINES

USER REQUIREMENTS

RT COMMERCE LAB
INTERNATIONAL COOPERATION
MAN-COMPUTER INTERFACE
REQUIREMENTS
SPECIFICATIONS

USER-COMPUTER INTERFACE

USE MAN-COMPUTER INTERFACE

USNS KINGSFORT

USE SATELLITE COMMUNICATIONS SHIPS

UTAH

GS NATIONS
UNITED STATES
UTAH
RT COLORADO PLATEAU (US)
COLORADO RIVER (NORTH AMERICA)
GREAT BASIN (US)
GREAT SALT LAKE (UT)

UTERUS

GS ANATOMY
GENITOURINARY SYSTEM
REPRODUCTIVE SYSTEMS
UTERUS

UTILITIES

RT ELECTRIC EQUIPMENT
ELECTRIC POWER
GARBAGE
INDUSTRIES
INTEGRATED ENERGY SYSTEMS
LOGISTICS
MODULAR INTEGRATED UTILITY SYSTEM
SERVICES
SITE SELECTION
TELEPHONES
WASTE DISPOSAL
WATER

UTILITY AIRCRAFT

GS **UTILITY AIRCRAFT**
BO-105 HELICOPTER
C-140 AIRCRAFT
DHC 4 AIRCRAFT
DHC 5 AIRCRAFT
DO-27 AIRCRAFT
DO-28 AIRCRAFT
HC-3 HELICOPTER
HH-43 HELICOPTER
OH-13 HELICOPTER
OH-23 HELICOPTER
P-531 HELICOPTER
PD-808 AIRCRAFT
S-2 AIRCRAFT
SAAB 105 AIRCRAFT
T-39 AIRCRAFT
U-2 AIRCRAFT
U-10 AIRCRAFT
UH-1 HELICOPTER
UH-2 HELICOPTER
UH-34 HELICOPTER
UH-60A HELICOPTER
UH-61A HELICOPTER
WESTLAND WHIRLWIND HELICOPTER
XV-8A AIRCRAFT
Z-37 AIRCRAFT

RT AIRCRAFT
BIPLANES
CARGO AIRCRAFT
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
HELICOPTERS
LIGHT AIRCRAFT
MILITARY AIRCRAFT
OBSERVATION AIRCRAFT
RECONNAISSANCE AIRCRAFT
SNOW AIRCRAFT
SUBSONIC AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRANSPORT AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

UTILIZATION

UF APPLICATION
GS **UTILIZATION**
COAL UTILIZATION
GEOTHERMAL ENERGY UTILIZATION
LASER APPLICATIONS
LASER CUTTING
LASER DEPOSITION
PULSED LASER DEPOSITION
LASER FUSION
REUSE
SOFTWARE REUSE
WASTE ENERGY UTILIZATION
WASTE UTILIZATION
WINDPOWER UTILIZATION
RT CONSUMPTION
DEPLETION
EFFICIENCY
TECHNOLOGY UTILIZATION

UTRICLE

RT PLANTS (BOTANY)
SEEDS

UV CETI STARS

USE FLARE STARS

UV LASERS

USE ULTRAVIOLET LASERS

UZBEKISTAN

GS NATIONS
UZBEKISTAN
RT ASIA

V**V BAND**

USE EXTREMELY HIGH FREQUENCIES

V GROOVES

GS GROOVES
V GROOVES
RIBLETS
RT MACHINING
MICROMACHINING
NOTCHES

V-1 MISSILE

GS MISSILES
SURFACE TO SURFACE MISSILES
V-1 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
PULSEJET ENGINES

V-2 MISSILE

GS MISSILES
BALLISTIC MISSILES
V-2 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

V-3 AIRCRAFT

USE XV-3 AIRCRAFT

V-4 AIRCRAFT

USE XV-4 AIRCRAFT

V-5 AIRCRAFT

USE XV-5 AIRCRAFT

V-9 AIRCRAFT

USE XV-9A AIRCRAFT

V-22 AIRCRAFT

UF OSPREY AIRCRAFT
GS BELL AIRCRAFT
V-22 AIRCRAFT
BOEING AIRCRAFT
V-22 AIRCRAFT
V/STOL AIRCRAFT
ROTARY WING AIRCRAFT
TILT ROTOR AIRCRAFT
V-22 AIRCRAFT
RT AIRCRAFT
HELICOPTERS
MILITARY AIRCRAFT
ROTARY WINGS
TILT ROTOR RESEARCH AIRCRAFT PROGRAM
TILT WING AIRCRAFT
TILTING ROTORS

V/STOL AIRCRAFT

UF CONVERTPLANES
STEEP GRADIENT AIRCRAFT
GS **V/STOL AIRCRAFT**
.. CL-84 AIRCRAFT
.. DO-31 AIRCRAFT
.. FV-12A AIRCRAFT
.. G-95/4 AIRCRAFT
.. G-222 AIRCRAFT
.. L-29 JET TRAINER
.. P-1127 AIRCRAFT
.. P-1154 AIRCRAFT
.. ROTARY WING AIRCRAFT
.. AUTOGYROS
.. AVIAN 2/180 AUTOGIRO
.. HELICOPTERS
.. ALOUETTE HELICOPTERS
.. SA-330 HELICOPTER
.. SE-3160 HELICOPTER
.. COMPOUND HELICOPTERS
.. H-17 HELICOPTER
.. LIGHT HELICOPTERS
.. OH-4 HELICOPTER
.. OH-5 HELICOPTER
.. OH-6 HELICOPTER
.. OH-58 HELICOPTER
.. MILITARY HELICOPTERS
.. AH-1G HELICOPTER
.. AH-64 HELICOPTER
.. BELL 214A HELICOPTER
.. BO-105 HELICOPTER
.. CH-3 HELICOPTER
.. CH-21 HELICOPTER
.. CH-34 HELICOPTER
.. CH-46 HELICOPTER
.. CH-47 HELICOPTER
.. CH-54 HELICOPTER
.. H-19 HELICOPTER
.. H-43 HELICOPTER
.. H-53 HELICOPTER
.. H-54 HELICOPTER
.. H-56 HELICOPTER
.. H-60 HELICOPTER
.. HC-3 HELICOPTER
.. HEAVY LIFT HELICOPTERS
.. CH-62 HELICOPTER
.. HH-43 HELICOPTER
.. OH-4 HELICOPTER
.. OH-5 HELICOPTER
.. OH-6 HELICOPTER
.. OH-13 HELICOPTER
.. OH-23 HELICOPTER
.. OH-58 HELICOPTER
.. P-531 HELICOPTER
.. QH-50 HELICOPTER
.. S-58 HELICOPTER
.. S-61 HELICOPTER
.. SA-321 HELICOPTER
.. SA-330 HELICOPTER
.. SH-3 HELICOPTER
.. SH-4 HELICOPTER
.. SIKORSKY WHIRLWIND
HELICOPTER
.. UH-1 HELICOPTER
.. UH-2 HELICOPTER
.. UH-34 HELICOPTER
.. UH-60A HELICOPTER
.. UH-61A HELICOPTER
.. WESTLAND WHIRLWIND
HELICOPTER
.. XV-9A AIRCRAFT
.. RIGID ROTOR HELICOPTERS
.. CH-3 HELICOPTER
.. F-28 HELICOPTER
.. XH-51 HELICOPTER
.. TANDEM ROTOR HELICOPTERS
.. CH-46 HELICOPTER
.. CH-47 HELICOPTER
.. H-25 HELICOPTER
.. TH-55 HELICOPTER
.. ROTOR SYSTEMS RESEARCH
AIRCRAFT
.. TILT ROTOR AIRCRAFT
.. V-22 AIRCRAFT
.. XV-15 AIRCRAFT
.. SHORT TAKEOFF AIRCRAFT
.. ALADIN 2 AIRCRAFT
.. BREGUET 940 AIRCRAFT
.. BREGUET 941 AIRCRAFT
.. C-8A AUGMENTOR WING AIRCRAFT
.. C-15 AIRCRAFT
.. C-123 AIRCRAFT
.. DHC 4 AIRCRAFT
.. DHC 5 AIRCRAFT
.. QUESTOL AIRCRAFT
.. U-10 AIRCRAFT

V/STOL AIRCRAFT--(cont.)

.. VERTICAL TAKEOFF AIRCRAFT
.. FLYING PLATFORMS
.. SC-1 AIRCRAFT
.. VJ-101 AIRCRAFT
.. VZ-8 AIRCRAFT
.. X-13 AIRCRAFT
.. X-14 AIRCRAFT
.. X-19 AIRCRAFT
.. X-22 AIRCRAFT
.. X-22A AIRCRAFT
.. XC-142 AIRCRAFT
.. XV-4 AIRCRAFT
.. XV-11A AIRCRAFT
.. VZ-2 AIRCRAFT
.. XV-3 AIRCRAFT
.. XV-5 AIRCRAFT
.. XV-8A AIRCRAFT
RT ∞ AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ATTACK AIRCRAFT
COMMERCIAL AIRCRAFT
CONVERTIBLE FAN-SHAFT ENGINES
DRONE AIRCRAFT
FAN IN WING AIRCRAFT
FIGHTER AIRCRAFT
GROUND EFFECT MACHINES
HELIPORTS
HOVERING
JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
SHORT HAUL AIRCRAFT
STOVL AIRCRAFT
TILT WING AIRCRAFT
TRANSITION FLIGHT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT
VERTICAL FLIGHT
WESER AIRCRAFT
WESTLAND AIRCRAFT

VACANCIES (CRYSTAL DEFECTS)

GS DEFECTS
.. CRYSTAL DEFECTS
.. POINT DEFECTS
.. **VACANCIES (CRYSTAL DEFECTS)**
.. FRENKEL DEFECTS
RT HOLES (ELECTRON DEFICIENCIES)
SQUARE WELLS

VACCINES

GS **VACCINES**
.. INOCULUM
RT ACQUIRED IMMUNODEFICIENCY
SYNDROME
ANTIBODIES
ANTIGENS
ANTISERUMS
BACTERIOLOGY
BIOCOMPATIBILITY
DISEASES
DRUGS
EPIDEMIOLOGY
HUMAN IMMUNODEFICIENCY VIRUS
INOCULATION
TOXICOLOGY
TOXINS AND ANTITOXINS

VACILLATION

RT DITHERS
HUMAN REACTIONS

VACUUM

UF ASPIRATION
GS PRESSURE
.. **VACUUM**
.. HIGH VACUUM
.. LOW VACUUM
.. ULTRAHIGH VACUUM
RT AEROSPACE ENVIRONMENTS
BOUNDARY LAYER CONTROL
EVACUATING (VACUUM)
GETTERS
HIGH PRESSURE
KNUDSEN FLOW
LOW PRESSURE
MEAN FREE PATH
OFFGASSING
OUTGASSING
PRESSURE MEASUREMENT
RAREFACTION
SUCTION

VACUUM APPARATUS

GS **VACUUM APPARATUS**
.. VACUUM CHAMBERS
.. VACUUM FURNACES
.. VACUUM GAGES
.. IONIZATION GAGES
.. ALPHATRONS
.. BAYARD-ALPERT IONIZATION
GAGES
.. PENNING GAGES
.. PHILIPS IONIZATION GAGES
.. KNUDSEN GAGES
.. MCLEOD GAGES
.. PIRANI GAGES
.. VACUUM PUMPS
.. CONDENSATION PUMPS
.. ION PUMPS
.. MOLECULAR PUMPS
RT COLD TRAPS
DIFFUSION PUMPS
HIGH VACUUM
LOW DENSITY RESEARCH
RESIDUAL GAS
SUCTION
ULTRAHIGH VACUUM
VACUUM ARC SWITCHES

VACUUM ARC SWITCHES

GS SWITCHES
.. ELECTRIC SWITCHES
.. **VACUUM ARC SWITCHES**
RT AIRBORNE EQUIPMENT
SWITCHING CIRCUITS
VACUUM APPARATUS
VACUUM EFFECTS

VACUUM CHAMBERS

UF LOW PRESSURE CHAMBERS
GS COMPARTMENTS
.. TEST CHAMBERS
.. PRESSURE CHAMBERS
.. **VACUUM CHAMBERS**
VACUUM APPARATUS
.. **VACUUM CHAMBERS**
RT ALTITUDE SIMULATION
 ∞ CHAMBERS
HIGH ALTITUDE ENVIRONMENTS
HIGH ALTITUDE PRESSURE
HYPERBARIC CHAMBERS
PRESSURE
SPACE ENVIRONMENT SIMULATION
SPACE SIMULATORS
THERMAL VACUUM TESTS
WIND TUNNEL DRIVES

VACUUM DEPOSITION

GS DEPOSITION
.. VAPOR DEPOSITION
.. **VACUUM DEPOSITION**
RT CERAMIC COATINGS
DIAMOND FILMS
ELECTROLESS DEPOSITION
ION PLATING

VACUUM EFFECTS

RT COLD WELDING
 ∞ EFFECTS
ENVIRONMENTS
OFFGASSING
PRESSURE EFFECTS
SPACE MANUFACTURING
VACUUM ARC SWITCHES

VACUUM FURNACES

GS HEATING EQUIPMENT
.. FURNACES
.. **VACUUM FURNACES**
VACUUM APPARATUS
.. **VACUUM FURNACES**
RT SOLAR FURNACES

VACUUM GAGES

GS MEASURING INSTRUMENTS
.. PRESSURE GAGES
.. **VACUUM GAGES**
.. IONIZATION GAGES
.. ALPHATRONS
.. BAYARD-ALPERT IONIZATION
GAGES
.. PENNING GAGES
.. PHILIPS IONIZATION GAGES
.. KNUDSEN GAGES
.. MCLEOD GAGES
.. PIRANI GAGES
VACUUM APPARATUS

VACUUM GAGES--(cont.)

VACUUM GAGES
 . . . IONIZATION GAGES
 . . . ALPHATRONS
 . . . BAYARD-ALPERT IONIZATION GAGES
 . . . PENNING GAGES
 . . . PHILIPS IONIZATION GAGES
 . . . KNUDSEN GAGES
 . . . MCLEOD GAGES
 . . . PIRANI GAGES
 RT BAROMETERS
 MANOMETERS
 ORBITRONS
 PRESSURE MEASUREMENT

VACUUM MELTING

GS PHASE TRANSFORMATIONS
 . . . MELTING
 . . . **VACUUM MELTING**
 RT ARC MELTING
 INDUCTION HEATING
 LEVITATION
 POWDER METALLURGY
 ZONE MELTING

VACUUM PUMPS

GS PUMPS
 . . . **VACUUM PUMPS**
 . . . CONDENSATION PUMPS
 . . . ION PUMPS
 . . . MOLECULAR PUMPS
 VACUUM APPARATUS
 . . . **VACUUM PUMPS**
 . . . CONDENSATION PUMPS
 . . . ION PUMPS
 . . . MOLECULAR PUMPS
 RT COMPRESSORS
 CRYOPUMPING
 DIFFUSION PUMPS
 EJECTORS
 EVACUATING (VACUUM)
 JET PUMPS
 MATERIALS HANDLING
 OUTGASSING
 SUCTION

VACUUM SPECTROSCOPY

GS SPECTROSCOPY
 . . . **VACUUM SPECTROSCOPY**
 RT GAS SPECTROSCOPY
 INFRARED SPECTROSCOPY
 MAGNETIC SPECTROSCOPY
 MASS SPECTROSCOPY
 MOLECULAR SPECTROSCOPY
 NUCLEAR RADIATION SPECTROSCOPY
 SPECTROSCOPIC ANALYSIS
 ULTRAVIOLET SPECTROSCOPY
 X RAY SPECTROSCOPY

VACUUM SYSTEMS

RT AMPOULES
 ∞ SYSTEMS

VACUUM TESTS

GS **VACUUM TESTS**
 . . . THERMAL VACUUM TESTS
 RT HIGH VACUUM
 HYPOBARIC ATMOSPHERES
 TEST CHAMBERS
 ∞ TESTS
 ULTRAHIGH VACUUM

VACUUM TUBE OSCILLATORS

GS ELECTRON TUBES
 . . . VACUUM TUBES
 . . . **VACUUM TUBE OSCILLATORS**
 OSCILLATORS
 . . . **VACUUM TUBE OSCILLATORS**
 RT AUTODYNES
 FREQUENCY MODULATION
 PHOTOMULTIPLIERS
 MICROWAVE OSCILLATORS

VACUUM TUBES

GS ELECTRON TUBES
 . . . **VACUUM TUBES**
 . . . CATHODE RAY TUBES
 . . . PICTURE TUBES
 . . . CESIUM DIODES
 . . . MICROWAVE TUBES
 . . . CELESTROSCOPES
 . . . CYCLOTRON RESONANCE DEVICES
 . . . KLYSTRONS
 . . . MAGNETRONS

VACUUM TUBES--(cont.)

. . . NIGOTRONS
 . . . PLANOTRONS
 . . . TRAVELING WAVE TUBES
 . . . BACKWARD WAVE TUBES
 . . . HELITRONS
 . . . CARCINOTRONS
 . . . VACUUM TUBE OSCILLATORS
 RT PENTODES
 PERVEANCE
 RESIDUAL GAS

VACUUM ULTRAVIOLET RADIATION

USE FAR ULTRAVIOLET RADIATION

VADOSE WATER

GS WATER
 . . . **VADOSE WATER**
 RT COASTAL WATER
 EVAPOTRANSPIRATION
 LAKE TEXOMA (OK-TX)
 NEARSHORE WATER
 RIVER BASINS
 SOILS
 WATER TABLES

VALENCE

GS **VALENCE**
 . . . OCTETS
 RT CHEMICAL BONDS
 CONDUCTION ELECTRONS
 ION CHARGE
 IONS
 POSITIVE IONS
 QUANTUM WELLS
 TRIVALENT IONS

VALERIC ACID

GS ACIDS
 . . . CARBOXYLIC ACIDS
 . . . FATTY ACIDS
 . . . **VALERIC ACID**
 ORGANIC COMPOUNDS
 . . . CARBOXYLIC ACIDS
 . . . FATTY ACIDS
 . . . **VALERIC ACID**

VALIANT AIRCRAFT

UF VICKERS VALIANT AIRCRAFT
 GS ATTACK AIRCRAFT
 . . . BOMBER AIRCRAFT
 . . . **VALIANT AIRCRAFT**
 BAC AIRCRAFT
 . . . **VALIANT AIRCRAFT**
 JET AIRCRAFT
 . . . **VALIANT AIRCRAFT**
 MONOPLANES
 . . . **VALIANT AIRCRAFT**
 RT ∞ AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 TANKER AIRCRAFT

VALIDATION

USE PROVING

VALIDITY

RT ACCEPTABILITY
 ACCURACY
 ADEQUACY
 CONSISTENCY
 CORRELATION
 EXISTENCE
 MATHEMATICAL MODELS
 PRECISION
 QUALITY
 RELIABILITY
 SIMULATION
 STANDARDS
 STATISTICAL TESTS
 VARIABILITY

VALKYRIE AIRCRAFT

USE B-70 AIRCRAFT

VALLEYS

UF INTERMONTANE FLOORS
 RIFT VALLEYS
 RILLS
 GS **VALLEYS**
 . . . COACHELLA VALLEY (CA)
 . . . DEATH VALLEY (CA)
 . . . IMPERIAL VALLEY (CA)
 . . . MAGDALENA-CAUCA VALLEY (COLOMBIA)

VALLEYS--(cont.)

. . . PALO VERDE VALLEY (CA)
 . . . POTOMAC RIVER VALLEY (MD-VA-WV)
 . . . SACRAMENTO VALLEY (CA)
 . . . SAN JOAQUIN VALLEY (CA)
 . . . SHENANDOAH VALLEY (VA)
 . . . ST LAWRENCE VALLEY (NORTH AMERICA)
 . . . TENNESSEE VALLEY (AL-KY-TN)
 RT CANYONS
 DELAWARE RIVER BASIN (US)
 EROSION
 MEANDERS
 MISSOURI RIVER (US)
 RAVINES
 RIVERS
 STRUCTURAL BASINS
 SUSQUEHANNA RIVER BASIN (MD-NY-PA)
 TOPOGRAPHY
 WADIS
 WATERSHEDS

VALSALVA EXERCISE

UF VALSALVA MANEUVER
 RT RESPIRATION

VALSALVA MANEUVER

USE VALSALVA EXERCISE

VALUE

GS **VALUE**
 . . . Q VALUES
 RT AMOUNT
 ASSESSMENTS
 COSTS
 DAMAGE ASSESSMENT
 ESTIMATES
 ESTIMATING
 EVALUATION
 FIGURE OF MERIT
 LEVEL (QUANTITY)
 NORMS
 RANKING
 TECHNOLOGY ASSESSMENT

VALUE ENGINEERING

RT COST ANALYSIS
 COST ESTIMATES
 COST INCENTIVES
 COST REDUCTION
 DESIGN ANALYSIS
 ECONOMIC ANALYSIS
 ∞ ENGINEERING
 INCENTIVE TECHNIQUES
 LIFE CYCLE COSTS
 MANAGEMENT PLANNING
 QUALITY CONTROL
 RELIABILITY ENGINEERING
 STANDARDS
 TOTAL QUALITY MANAGEMENT

VALVES

UF HYDRAULIC VALVES
 GS **VALVES**
 . . . ARTIFICIAL HEART VALVES
 . . . AUTOMATIC CONTROL VALVES
 . . . PRESSURE REGULATORS
 . . . RELIEF VALVES
 . . . BUTTERFLY VALVES
 . . . DAMPERS (VALVES)
 . . . COCKS
 . . . CONTROL VALVES
 . . . FUEL VALVES
 . . . GAS VALVES
 . . . HEART VALVES
 . . . SOLENOID VALVES
 RT BALLS
 CHOKES (RESTRICTIONS)
 CLOSURES
 DIVERTERS
 ENGINE PARTS
 HYDRAULIC EQUIPMENT
 PACKINGS (SEALS)
 PNEUMATIC CIRCUITS
 PNEUMATIC EQUIPMENT
 SEALS (STOPPERS)
 TRAPS
 WATER HAMMER

VAMPIRE AIRCRAFT

USE DH 115 AIRCRAFT

VAMPIRE MK 35 AIRCRAFT

GS ATTACK AIRCRAFT

VAMPIRE MK 35 AIRCRAFT--(cont.)

- . FIGHTER AIRCRAFT
- . **VAMPIRE MK 35 AIRCRAFT**
- HAWKER SIDDELEY AIRCRAFT
- . **VAMPIRE MK 35 AIRCRAFT**
- JET AIRCRAFT
- . **VAMPIRE MK 35 AIRCRAFT**
- SINGLE ENGINE AIRCRAFT
- . **VAMPIRE MK 35 AIRCRAFT**
- RT ∞ AIRCRAFT
- BOMBER AIRCRAFT
- HARRIER AIRCRAFT

VAN ALLEN RADIATION BELTS

- USE RADIATION BELTS

VAN BIESBROECK STAR

- GS CELESTIAL BODIES
- . STARS
- . LATE STARS
- . . . COOL STARS
- M STARS
- **VAN BIESBROECK STAR**

VAN DE GRAAFF ACCELERATORS

- GS PARTICLE ACCELERATORS
- . **VAN DE GRAAFF ACCELERATORS**
- RT ∞ ACCELERATORS
- ELECTRON ACCELERATORS

VAN DER WAALS FORCES

- RT DIPOLE MOMENTS
- ∞ FORCE
- INTERATOMIC FORCES
- INTERMOLECULAR FORCES

VAN SLYKE METHOD

- GS CHEMICAL TESTS
- . CHEMICAL ANALYSIS
- . GAS ANALYSIS
- . . . **VAN SLYKE METHOD**
- . . . QUANTITATIVE ANALYSIS
- **VAN SLYKE METHOD**
- RT ∞ METHODOLOGY

VANADATES

- GS VANADIUM COMPOUNDS
- . **VANADATES**
- . . . CALCIUM VANADATES
- RT METAL OXIDES
- VANADIUM OXIDES

VANADIUM

- GS CHEMICAL ELEMENTS
- . **VANADIUM**
- . . . VANADIUM ISOTOPES
- METALS
- . TRANSITION METALS
- . . . **VANADIUM**
- VANADIUM ISOTOPES
- RT VANADIUM ALLOYS

VANADIUM ALLOYS

- GS ALLOYS
- . **VANADIUM ALLOYS**
- RT ALUMINUM ALLOYS
- MICROSTRUCTURE
- TITANIUM ALLOYS
- VANADIUM

VANADIUM CARBIDES

- GS CARBON COMPOUNDS
- . CARBIDES
- . . . **VANADIUM CARBIDES**
- VANADIUM COMPOUNDS
- . **VANADIUM CARBIDES**

VANADIUM COMPOUNDS

- GS **VANADIUM COMPOUNDS**
- . VANADATES
- . . . CALCIUM VANADATES
- . VANADIUM CARBIDES
- . VANADIUM OXIDES
- . VANADYL COMPOUNDS
- RT ∞ CHEMICAL COMPOUNDS
- ∞ GROUP 5B COMPOUNDS
- ∞ METAL COMPOUNDS

VANADIUM ISOTOPES

- GS CHEMICAL ELEMENTS
- . NUCLIDES
- . . . ISOTOPES
- **VANADIUM ISOTOPES**
- . VANADIUM

VANADIUM ISOTOPES--(cont.)

- . **VANADIUM ISOTOPES**
- METALS
- . TRANSITION METALS
- . . . VANADIUM
- **VANADIUM ISOTOPES**

VANADIUM OXIDES

- GS CHALCOGENIDES
- . OXIDES
- . . . METAL OXIDES
- **VANADIUM OXIDES**
- VANADIUM COMPOUNDS
- . **VANADIUM OXIDES**
- RT VANADATES

VANADYL COMPOUNDS

- GS VANADIUM COMPOUNDS
- . **VANADYL COMPOUNDS**
- RT ∞ CHEMICAL COMPOUNDS
- ∞ METAL COMPOUNDS

VANADYL RADICAL

- GS IONS
- . MOLECULAR IONS
- . . . **VANADYL RADICAL**
- . POSITIVE IONS
- . . . CATIONS
- **VANADYL RADICAL**
- RADICALS
- . **VANADYL RADICAL**

VANELESS DIFFUSERS

- RT COMPRESSORS
- ∞ DIFFUSERS
- EXHAUST DIFFUSERS
- PUMPS
- SUPERSONIC DIFFUSERS

VANES

- GS **VANES**
- . GUIDE VANES
- . . . JET VANES
- . WIND VANES
- RT AIRFOILS
- ∞ BLADES
- COMPRESSOR BLADES
- CONTROL SURFACES
- FINS
- IMPELLERS
- NOSE FINS
- STATOR BLADES
- TAIL ASSEMBLIES
- TURBOMACHINE BLADES
- WINDPOWER UTILIZATION
- WINDPOWERED GENERATORS
- WINDPOWERED PUMPS

VANGUARD PROJECT

- GS PROGRAMS
- . NASA PROGRAMS
- . . . NASA SPACE PROGRAMS
- **VANGUARD PROJECT**
- . PROJECTS
- . . . **VANGUARD PROJECT**
- . SPACE PROGRAMS
- . . . NASA SPACE PROGRAMS
- **VANGUARD PROJECT**
- RT X-405 ENGINE

VANGUARD SATELLITES

- GS ARTIFICIAL SATELLITES
- . **VANGUARD SATELLITES**
- . . . VANGUARD 1 SATELLITE
- . . . VANGUARD 2 SATELLITE
- . . . VANGUARD 3 SATELLITE
- RT GEODETIC SATELLITES
- GEOGRAPHICAL SATELLITES
- INTERNATIONAL GEOGRAPHICAL YEAR
- METEOROLOGICAL SATELLITES

VANGUARD 1 SATELLITE

- GS ARTIFICIAL SATELLITES
- . GEODETIC SATELLITES
- . . . **VANGUARD 1 SATELLITE**
- . VANGUARD SATELLITES
- . . . **VANGUARD 1 SATELLITE**

VANGUARD 2 LAUNCH VEHICLE

- GS LAUNCH VEHICLES
- . **VANGUARD 2 LAUNCH VEHICLE**
- ROCKET VEHICLES
- . MULTISTAGE ROCKET VEHICLES
- . . . **VANGUARD 2 LAUNCH VEHICLE**

VANGUARD 2 LAUNCH VEHICLE--(cont.)

- RT LIQUID PROPELLANT ROCKET ENGINES
- SOLID PROPELLANT ROCKET ENGINES
- VIKING ROCKET VEHICLE
- X-248 ENGINE

VANGUARD 2 SATELLITE

- GS ARTIFICIAL SATELLITES
- . METEOROLOGICAL SATELLITES
- . . . **VANGUARD 2 SATELLITE**
- . VANGUARD SATELLITES
- . . . **VANGUARD 2 SATELLITE**

VANGUARD 3 SATELLITE

- GS ARTIFICIAL SATELLITES
- . GEOGRAPHICAL SATELLITES
- . . . **VANGUARD 3 SATELLITE**
- . VANGUARD SATELLITES
- . . . **VANGUARD 3 SATELLITE**

VANS

- USE TRUCKS

VAPOR BARRIER CLOTHING

- GS CLOTHING
- . PROTECTIVE CLOTHING
- . . . **VAPOR BARRIER CLOTHING**
- RT ∞ BARRIERS
- LIFE SUPPORT SYSTEMS
- TEXTILES

VAPOR DEPOSITION

- UF CHEMICAL VAPOR DEPOSITION
- CVD (DEPOSITION)
- GS DEPOSITION
- . **VAPOR DEPOSITION**
- . . . METALORGANIC CHEMICAL VAPOR
- DEPOSITION
- . . . VACUUM DEPOSITION
- RT COATING
- COATINGS
- CRYSTAL GROWTH
- DIAMOND FILMS
- ELECTROLESS DEPOSITION
- LASER DEPOSITION
- METAL VAPORS
- METALLIZING
- PULSED LASER DEPOSITION
- ULTRAPURE METALS
- VAPORIZERS
- VAPORIZING

VAPOR GENERATORS

- USE VAPORIZERS

VAPOR JETS

- GS FLUID JETS
- . **VAPOR JETS**
- RT AIR JETS
- GAS FLOW
- JET FLOW
- PLASMA JETS

VAPOR LIQUID EQUILIBRIUM

- USE LIQUID-VAPOR EQUILIBRIUM

VAPOR PHASE EPITAXY

- GS GROWTH
- . CRYSTAL GROWTH
- . . . EPITAXY
- **VAPOR PHASE EPITAXY**
- RT CRYSTAL STRUCTURE
- LIQUID PHASE EPITAXY
- LIQUID PHASES

VAPOR PHASES

- UF GAS PHASES
- RT ASSOCIATION REACTIONS
- CRITICAL PRESSURE
- GAS-METAL INTERFACES
- GAS-SOLID INTERFACES
- GASES
- HYDROGEN CLOUDS
- LIQUID PHASES
- LIQUID-GAS MIXTURES
- LIQUID-VAPOR INTERFACES
- LIQUIDS
- METAL-GAS SYSTEMS
- PHASE DIAGRAMS
- ∞ PHASES
- PREVAPORIZATION
- SOLIDS
- SUPERCritical PRESSURES
- VAPORS

VAPOR PHASES--(cont.)
VOLATILITY**VAPOR PRESSURE**

- GS PRESSURE
- . VAPOR PRESSURE
- THERMODYNAMIC PROPERTIES
- . THERMOPHYSICAL PROPERTIES
- . . VAPOR PRESSURE
- RT DALTON LAW
- FLASH POINT
- FUEL TANK PRESSURIZATION
- HENRY LAW
- HUMIDITY
- INTERFACIAL TENSION
- LIQUID-GAS MIXTURES
- LIQUID-VAPOR INTERFACES
- PARTIAL PRESSURE
- RAOULT LAW
- SUBLIMATION
- SUPERCRITICAL PRESSURES
- VOLATILITY

VAPOR TRAILS

- USE CONTRAILS

VAPOR TRAPS

- GS TRAPS
- . VAPOR TRAPS
- RT COLD TRAPS
- GETTERS
- ION TRAPS (INSTRUMENTATION)

VAPORIZATION HEAT

- USE HEAT OF VAPORIZATION

VAPORIZERS

- UF VAPOR GENERATORS
- GS HEATING EQUIPMENT
- . VAPORIZERS
- . . EVAPORATORS
- RT BOILERS
- CAVITY VAPOR GENERATORS
- COLLOIDAL GENERATORS
- COLUMNS (PROCESS ENGINEERING)
- CONDENSERS (LIQUEFIERS)
- GAS GENERATORS
- ∞ GENERATORS
- ∞ HEATERS
- SEPARATORS
- SPRAYERS
- VAPOR DEPOSITION
- VAPORIZING
- VAPORS

VAPORIZING

- UF VOLATILIZATION
- GS PHASE TRANSFORMATIONS
- . VAPORIZING
- . . BOILING
- . . . FILM BOILING
- . . . NUCLEATE BOILING
- . . . LEIDENFROST PHENOMENON
- . . EVAPORATION
- . . . EVAPOTRANSPIRATION
- . . . PROPELLANT EVAPORATION
- . . . TRANSPIRATION
- . . FLASHING (VAPORIZING)
- . . PREVAPORIZATION
- . . SUBLIMATION
- RT ABLATION
- CONCENTRATING
- DESALINIZATION
- DISTILLATION
- EVOLUTION (LIBERATION)
- GASIFICATION
- HEAT OF VAPORIZATION
- HEATING
- ∞ SEPARATION
- SPRAYING
- STRIPPING (DISTILLATION)
- SURFACE REACTIONS
- VAPOR DEPOSITION
- VAPORIZERS
- VAPORS
- VOLATILITY

VAPORS

- GS VAPORS
- . CESIUM VAPOR
- . METAL VAPORS
- . . MERCURY VAPOR
- . . SODIUM VAPOR
- . . WATER VAPOR
- RT CAVITY VAPOR GENERATORS

VAPORS--(cont.)

- COMBUSTION PRODUCTS
- CONDENSATES
- EXHAUST GASES
- FUMES
- GASES
- HAZE DETECTION
- HYDROGEN CLOUDS
- LIQUID-VAPOR EQUILIBRIUM
- PREVAPORIZATION
- SMOKE
- VAPOR PHASES
- VAPORIZERS
- VAPORIZING

VARACTOR DIODE CIRCUITS

- GS CIRCUITS
- . VARACTOR DIODE CIRCUITS
- RT DIODES

VARACTOR DIODES

- UF VARACTORS
- GS ELECTRONIC EQUIPMENT
- . DIODES
- . . SEMICONDUCTOR DIODES
- . . . VARACTOR DIODES
- . . . SOLID STATE DEVICES
- . . . SEMICONDUCTOR DEVICES
- . . . VARACTOR DIODES
- RT JUNCTION DIODES
- PARAMETRIC DIODES
- VARISTORS

VARACTORS

- USE VARACTOR DIODES

VARIABILITY

- RT CONSISTENCY
- CONTINUITY
- CONVERGENCE
- CORRELATION
- COVARIANCE
- ∞ DISPERSION
- ∞ ECCENTRICITY
- ∞ EQUILIBRIUM
- FACTOR ANALYSIS
- HETEROGENEITY
- LINEARITY
- NONLINEARITY
- PERIODIC VARIATIONS
- QUALITY
- QUALITY CONTROL
- RANGE (EXTREMES)
- REGRESSION ANALYSIS
- RELIABILITY
- SAMPLING
- STABILITY
- STANDARD DEVIATION
- STANDARDIZATION
- VALIDITY
- ∞ VARIABLE
- VARIANCE (STATISTICS)

∞ VARIABLE

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
- UF FACTORS
- RT COMPLEX VARIABLES
- DEPENDENT VARIABLES
- FORM FACTORS
- INDEPENDENT VARIABLES
- LATIN SQUARE METHOD
- RACE FACTORS
- RANDOM VARIABLES
- REAL VARIABLES
- SOCIAL FACTORS
- VARIABILITY

VARIABLE AMPLITUDE LOADING

- GS LOADS (FORCES)
- . DYNAMIC LOADS
- . . VARIABLE AMPLITUDE LOADING
- RT CYCLIC LOADS
- LOAD TESTS
- ∞ LOADING
- LOADING RATE
- RANDOM LOADS
- STRESS CYCLES

VARIABLE AREA WINGS

- USE TRAILING EDGE FLAPS

VARIABLE CYCLE ENGINES

- UF VCE

VARIABLE CYCLE ENGINES--(cont.)

- GS AIRCRAFT ENGINES
- . VARIABLE CYCLE ENGINES
- ENGINES
- . VARIABLE CYCLE ENGINES
- RT COAXIAL NOZZLES
- CONVERTIBLE FAN-SHAFT ENGINES
- SUPERSONIC AIRCRAFT
- VARIABLE STREAM CONTROL ENGINES

VARIABLE GEOMETRY STRUCTURES

- RT EXPANDABLE STRUCTURES
- FOLDING STRUCTURES
- INFLATABLE STRUCTURES
- MISSION ADAPTIVE WINGS
- ∞ STRUCTURES

VARIABLE LIFT

- USE LIFT

VARIABLE MASS SYSTEMS

- GS KINETICS
- . VARIABLE MASS SYSTEMS
- RT EQUATIONS OF MOTION
- ∞ MASS BALANCE
- MASS DISTRIBUTION
- ∞ SYSTEMS

VARIABLE PITCH PROPELLERS

- UF CONSTANT SPEED PROPELLERS
- PROPELLERS
- GS . VARIABLE PITCH PROPELLERS
- RT HELICOPTER PROPELLER DRIVE
- PITCH (INCLINATION)

VARIABLE STARS

- GS CELESTIAL BODIES
- . STARS
- . . VARIABLE STARS
- . . . CATAclysmic VARIABLES
- . . . CEPHEID VARIABLES
- . . . FLARE STARS
- . . . IRREGULAR VARIABLE STARS
- . . . R CORONAE BOREALIS STARS
- . . . LAMBDA TAURI STARS
- . . . MIRA VARIABLES
- . . . OMICRON CETI STAR
- . . . NOVAE
- . . . DWARF NOVAE
- . . . HERCULES NOVA
- . . . SEMIREGULAR VARIABLE STARS
- . . . SUPERNOVAE
- . . . SUPERNOVA 1987A
- . . . SYMBIOTIC STARS
- . . . T TAURI STARS
- RT BINARY STARS
- COMPANION STARS
- ECLIPSING BINARY STARS
- PERIODIC VARIATIONS
- SOLAR OSCILLATIONS
- STELLAR MASS
- STELLAR MASS EJECTION
- STELLAR OSCILLATIONS

VARIABLE STREAM CONTROL ENGINES

- GS AIRCRAFT ENGINES
- . VARIABLE STREAM CONTROL
- ENGINES
- . VARIABLE STREAM CONTROL
- ENGINES
- RT ∞ CONTROL
- ENGINE CONTROL
- SUPERSONIC AIRCRAFT
- SUPERSONIC NOZZLES
- VARIABLE CYCLE ENGINES

VARIABLE SWEEP WINGS

- UF M WINGS
- OGEE WINGS
- W WINGS
- GS AIRFOILS
- . WINGS
- . . VARIABLE SWEEP WINGS
- PLANFORMS
- . WING PLANFORMS
- . . VARIABLE SWEEP WINGS
- RT ARROW WINGS
- BOEING 733 AIRCRAFT
- DELTA WINGS
- F-111 AIRCRAFT
- FOLDING STRUCTURES
- MISSION ADAPTIVE WINGS
- OGEE SHAPE
- PANAVIA MILITARY AIRCRAFT

VARIABLE SWEEP WINGS--(cont.)
 SWEPT FORWARD WINGS
 SWEPTBACK WINGS

VARIABLE THRUST

GS THRUST
 . **VARIABLE THRUST**
 RT CONTROL ROCKETS
 HIGH THRUST
 JET CONTROL
 JET THRUST
 LOW THRUST
 LOW THRUST PROPULSION
 MICROTHRUST
 ROCKET THRUST
 THROTTLING
 THRUST AUGMENTATION
 THRUST CONTROL
 THRUST TERMINATION
 THRUST VECTOR CONTROL

∞ VARIANCE

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT ANALYSIS OF VARIANCE
 DEGREES OF FREEDOM
 MULTIVARIATE STATISTICAL ANALYSIS
 VARIANCE (STATISTICS)

VARIANCE (STATISTICS)

GS STATISTICAL ANALYSIS
 . **VARIANCE (STATISTICS)**
 . . ANALYSIS OF VARIANCE
 . . MULTIVARIATE STATISTICAL
 ANALYSIS
 . . . BIVARIATE ANALYSIS
 . . . COVARIANCE
 . . . REGRESSION ANALYSIS
 RT CONFIDENCE LIMITS
 CORRELATION
 DISTRIBUTION MOMENTS
 EXPERIMENT DESIGN
 FACTOR ANALYSIS
 GAUSS-MARKOV THEOREM
 GOODNESS OF FIT
 HETEROGENEITY
 HOMOGENEITY
 KRIGING
 MEAN
 MOMENTS
 QUALITY CONTROL
 RANGE (EXTREMES)
 STANDARD DEVIATION
 VARIABILITY
 ∞ VARIANCE

VARIATION METHOD

USE CALCULUS OF VARIATIONS

VARIATIONAL PRINCIPLES

RT CALCULUS OF VARIATIONS
 ∞ DYNAMICS
 EQUILIBRIUM METHODS
 IRREVERSIBLE PROCESSES
 ONSAGER PHENOMENOLOGICAL
 COEFFICIENT
 RAYLEIGH-RITZ METHOD

VARIATIONS

UF FLUCTUATION
 GS **VARIATIONS**
 . MAGNETIC VARIATIONS
 . . GEOMAGNETIC PULSATIONS
 . . . GEOMAGNETIC MICROPULSATIONS
 . . NOCTURNAL VARIATIONS
 . PERIODIC VARIATIONS
 . . ALTERNATIONS
 . . ANNUAL VARIATIONS
 . . DIURNAL VARIATIONS
 . . NOCTURNAL VARIATIONS
 . . SECULAR VARIATIONS
 . TWENTY-SEVEN DAY VARIATION
 . WIND VARIATIONS
 RT ALTERNATIVES
 ASYMMETRY
 DEFLECTION
 DEVIATION
 DIFFERENCES
 DISPLACEMENT
 DISTORTION
 DIVERGENCE
 ECCENTRICITY
 GRADIENTS
 MICROPULSATIONS

VARIATIONS--(cont.)

PERTURBATION
 REVISIONS
 SUBSTITUTES
 SURGES

VARIOMETERS

UF MAGNETOVARIOMETERS
 GS MEASURING INSTRUMENTS
 . MAGNETOMETERS
 . . **VARIOMETERS**
 RT GEOMAGNETISM

VARISTORS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SEMICONDUCTOR DEVICES
 . . . **VARISTORS**
 RT RESISTORS
 THERMISTORS
 VARACTOR DIODES

VARNISHES

RT FILLERS
 FINISHES
 PAINTS
 PRIMERS (COATINGS)
 PROTECTIVE COATINGS
 SEALERS
 SPRAYED COATINGS

VASCULAR SYSTEM

USE CARDIOVASCULAR SYSTEM

VASOCONSTRICTION

RT BLOOD VESSELS
 BODY TEMPERATURE
 COLD TOLERANCE
 ISCHEMIA
 REFLEXES
 SNEEZING

VASOCONSTRICTOR DRUGS

UF PRESSORS
 GS DRUGS
 . **VASOCONSTRICTOR DRUGS**
 . . HYPERTENSIN
 . . SEROTONIN
 RT PHARMACOLOGY

VASODILATION

RT BLOOD VESSELS
 BODY TEMPERATURE
 CONGESTION
 REFLEXES

VASOMOTOR NERVOUS SYSTEM

USE NERVOUS SYSTEM

VATICAN CITY

GS CITIES
 . **VATICAN CITY**
 . . NATIONS
 . . **VATICAN CITY**
 RT EUROPE
 ITALY

VATOL AIRCRAFT

SN (VERTICAL ATTITUDE TAKEOFF AND
 LANDING AIRCRAFT)
 UF VERTICAL ATTITUDE TAKEOFF-LANDING
 AIRCRAFT
 XBQM-180A AIRCRAFT
 RT ∞ AIRCRAFT
 DELTA WINGS
 REMOTELY PILOTED VEHICLES
 VERTICAL LANDING
 VERTICAL TAKEOFF AIRCRAFT

VAX COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . **VAX COMPUTERS**
 VAX-11 SERIES COMPUTERS
 VAX-11/780 COMPUTER

VAX-11 SERIES COMPUTERS

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . VAX COMPUTERS
 **VAX-11 SERIES COMPUTERS**
 VAX-11/780 COMPUTER

VAX-11/780 COMPUTER

GS DATA PROCESSING EQUIPMENT
 . COMPUTERS
 . . DIGITAL COMPUTERS
 . . . VAX COMPUTERS
 VAX-11 SERIES COMPUTERS
 **VAX-11/780 COMPUTER**

VC-10 AIRCRAFT

UF VICKERS VC-10 AIRCRAFT
 VICKERS 1100 AIRCRAFT
 GS BAC AIRCRAFT
 . **VC-10 AIRCRAFT**
 COMMERCIAL AIRCRAFT
 . **VC-10 AIRCRAFT**
 JET AIRCRAFT
 . **VC-10 AIRCRAFT**
 MONOPLANES
 . **VC-10 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **VC-10 AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **VC-10 AIRCRAFT**
 RT ∞ AIRCRAFT
 CARGO AIRCRAFT

VCE

USE VARIABLE CYCLE ENGINES

VCO

USE VOLTAGE CONTROLLED OSCILLATORS

VECTOR ANALYSIS

GS ANALYSIS (MATHEMATICS)
 . CALCULUS
 . . **VECTOR ANALYSIS**
 . . . COLLINEARITY
 . . . COPLANARITY
 . . . CURL (VECTORS)
 . . . VORTICITY
 . REAL VARIABLES
 . . **VECTOR ANALYSIS**
 . . . COLLINEARITY
 . . . COPLANARITY
 . . . CURL (VECTORS)
 . . . VORTICITY
 GEOMETRY
 . **VECTOR ANALYSIS**
 . . COLLINEARITY
 . . COPLANARITY
 . . CURL (VECTORS)
 . . . VORTICITY
 RT DIFFERENTIAL EQUATIONS
 EULER-Cauchy EQUATIONS
 FLUX VECTOR SPLITTING
 GRADIENTS
 POYNTING THEOREM
 RESULTANTS
 STABILITY DERIVATIVES

VECTOR CALCULUS

USE VECTOR SPACES

VECTOR CONTROL

USE DIRECTIONAL CONTROL

VECTOR CURRENTS

RT CURRENT ALGEBRA
 PARITY
 RADIOACTIVE DECAY
 SUPERCONDUCTIVITY

VECTOR DOMINANCE MODEL

GS MODELS
 . **VECTOR DOMINANCE MODEL**
 RT HADRONS
 HIGH ENERGY INTERACTIONS
 NUCLEONS
 PHOTONEUTRONS
 PHOTOPRODUCTION

VECTOR MESONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 . . . **VECTOR MESONS**
 RHO-MESONS
 SIGMA-MESONS
 . . . HADRONS
 . . . MESONS
 . . . **VECTOR MESONS**
 RHO-MESONS
 SIGMA-MESONS

VECTOR MESONS--(cont.)

- . NUCLEAR PARTICLES
- . . . BOSONS
- MESONS
- **VECTOR MESONS**
- RHO-MESONS
- SIGMA-MESONS

VECTOR PROCESSING (COMPUTERS)

- GS DATA PROCESSING
- . **VECTOR PROCESSING (COMPUTERS)**
- RT MULTIPROCESSING (COMPUTERS)
- PARALLEL PROCESSING (COMPUTERS)
- PIPELINING (COMPUTERS)

VECTOR QUANTIZATION

- RT CODING
- DATA COMPRESSION
- DIGITAL TECHNIQUES
- IMAGE PROCESSING
- VECTORS (MATHEMATICS)
- VOICE DATA PROCESSING

VECTOR SPACES

- UF GRASSMANN ALGEBRA
- VECTOR CALCULUS
- GS ALGEBRA
- . **VECTOR SPACES**
- . . . BANACH SPACE
- . . . HILBERT SPACE
- . . . SOBOLEV SPACE
- . . . MATRICES (MATHEMATICS)
- . . . ADJOINTS
- . . . CANONICAL FORMS
- . . . EIGENVALUES
- . . . EIGENVECTORS
- . . . HESSIAN MATRICES
- . . . JORDAN FORM
- . . . STIFFNESS MATRIX
- . . . STOKES THEOREM (VECTOR CALCULUS)
- . . . U SPIN SPACE
- . . . VECTORS (MATHEMATICS)
- . . . EIGENVECTORS
- . . . STATE VECTORS
- . . . VORTICITY
- RT ANALYSIS (MATHEMATICS)
- CHAPLYGIN EQUATION
- HERMITIAN POLYNOMIAL
- HODOGRAPHS
- KAKUTANI THEOREM
- LINEAR TRANSFORMATIONS

VECTOCARDIOGRAPHY

- GS BIOENGINEERING
- . BIOMETRICS
- . . . CARDIOGRAPHY
- . . . **VECTOCARDIOGRAPHY**
- RT ELECTROCARDIOGRAPHY
- PHONOCARDIOGRAPHY

VECTORS (MATHEMATICS)

- GS ALGEBRA
- . VECTOR SPACES
- . . . **VECTORS (MATHEMATICS)**
- . . . EIGENVECTORS
- . . . STATE VECTORS
- . . . VORTICITY
- RT DYADICS
- FLUX VECTOR SPLITTING
- FUNCTION SPACE
- SCHWARTZ INEQUALITY
- VECTOR QUANTIZATION

VEGA LAUNCH VEHICLE

- UF VEGA ROCKET VEHICLE
- GS LAUNCH VEHICLES
- . **VEGA LAUNCH VEHICLE**
- ROCKET VEHICLES
- . . . MULTISTAGE ROCKET VEHICLES
- . . . **VEGA LAUNCH VEHICLE**
- RT ATLAS D ICBM
- LIQUID PROPELLANT ROCKET ENGINES

VEGA PROJECT

- RT FLYBY MISSIONS
- HALLEY'S COMET
- INTERNATIONAL COOPERATION
- U.S.S.R. SPACE PROGRAM
- VENERA SATELLITES
- VENUS (PLANET)

VEGA ROCKET VEHICLE

- USE VEGA LAUNCH VEHICLE

VEGARD-KAPLAN BANDS

- GS SPECTRA
- . SPECTRAL BANDS
- . . . **VEGARD-KAPLAN BANDS**
- RT ∞ BANDS
- EMISSION SPECTRA
- MOLECULAR SPECTRA
- NITROGEN

VEGETABLES

- GS **VEGETABLES**
- . POTATOES
- . . . SPINACH
- RT ANGIOSPERMS
- ∞ FOOD
- LEGUMINOUS PLANTS
- PLANTING
- SEEDS

VEGETATION

- GS **VEGETATION**
- . CANOPIES (VEGETATION)
- RT BIOCONVERSION
- BIOMASS ENERGY PRODUCTION
- EARTH RESOURCES
- LOCUSTS
- OASES
- PLANTS (BOTANY)
- RAIN FORESTS
- RESOURCES
- SEA GRASSES
- TREES (PLANTS)

VEGETATION GROWTH

- GS GROWTH
- . **VEGETATION GROWTH**
- . . . CROP GROWTH
- RT AGRICULTURE
- BIOCHEMISTRY
- BOTANY
- CROP VIGOR
- ECOLOGY
- FERTILIZERS
- GRAVITROPISM
- HYDROPONICS
- IRRIGATION
- PLANT ROOTS
- PLANT STRESS
- SOIL MOISTURE
- SOIL SCIENCE
- SOILS
- VEGETATIVE INDEX

VEGETATIVE INDEX

- RT AGRISTARS PROJECT
- ATMOSPHERIC ATTENUATION
- ATMOSPHERIC EFFECTS
- ATMOSPHERIC OPTICS
- ATMOSPHERIC SCATTERING
- CANOPIES (VEGETATION)
- COLOR
- CORRECTION
- CROP IDENTIFICATION
- CROP INVENTORIES
- IMAGE ENHANCEMENT
- IMAGING TECHNIQUES
- LEAF AREA INDEX
- MULTISPECTRAL BAND SCANNERS
- RADIOMETRIC CORRECTION
- REFLECTANCE
- REMOTE SENSING
- SATELLITE IMAGERY
- SATELLITE OBSERVATION
- SPECTRAL REFLECTANCE
- VEGETATION GROWTH

VEHICLE WHEELS

- GS WHEELS
- . **VEHICLE WHEELS**
- . . . NOSE WHEELS
- RT AIRCRAFT TIRES
- BRAKES (FOR ARRESTING MOTION)
- LANDING GEAR
- MECHANICAL DRIVES
- ROLLERS
- SHAFTS (MACHINE ELEMENTS)
- SUSPENSION SYSTEMS (VEHICLES)
- TIRES
- TOROIDAL WHEELS
- TRANSMISSIONS (MACHINE ELEMENTS)
- WHEEL BRAKES

VEHICLES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- UF CRAFT
- RT ROTATING VEHICLES
- AMPHIBIOUS VEHICLES
- ARCAS ROCKET VEHICLES
- ARCON ROCKET VEHICLE
- ARGO ROCKET VEHICLES
- ASTROBEE ROCKET VEHICLES
- ATLAS AGENA LAUNCH VEHICLES
- ATLAS LAUNCH VEHICLES
- AUTOMATED GUIDEWAY TRANSIT VEHICLES
- AUTOMATED MIXED TRAFFIC VEHICLES
- AUTOMATED TRANSIT VEHICLES
- AUTOMOBILES
- ∞ BALLISTIC VEHICLES
- BOOSTGLIDE VEHICLES
- CAPTURED AIR BUBBLE VEHICLES
- CONTROL CONFIGURED VEHICLES
- CRAWLER TRACTORS
- DRONE VEHICLES
- ELECTRIC HYBRID VEHICLES
- ELECTRIC MOTOR VEHICLES
- ENGINES
- EUROPA LAUNCH VEHICLES
- FLIGHT TEST VEHICLES
- ∞ FLIGHT VEHICLES
- GROUND EFFECT MACHINES
- HEAVY LIFT LAUNCH VEHICLES
- HOTEL LAUNCH VEHICLE
- HOVERING ROCKET VEHICLES
- HYDROPLANES (VEHICLES)
- HYPERSONIC VEHICLES
- INTRAORBIT TRANSFER VEHICLES
- JUNO LAUNCH VEHICLES
- KAPPA ROCKET VEHICLES
- LAMBDA ROCKET VEHICLES
- LAUNCH VEHICLES
- LOW OBSERVABLE REENTRY VEHICLES
- LUNAR FLYING VEHICLES
- LUNAR ROVING VEHICLES
- LUNAR SURFACE VEHICLES
- LUNOKHOD LUNAR ROVING VEHICLES
- MAGNETIC LEVITATION VEHICLES
- MANNED LUNAR SURFACE VEHICLES
- ∞ MILITARY VEHICLES
- MISSILES
- MOTOR VEHICLES
- MULTIENGINE VEHICLES
- MULTISTAGE ROCKET VEHICLES
- NIKE ROCKET VEHICLES
- NIKE-HYDAC ROCKET VEHICLE
- NIKE-IROQUOIS ROCKET VEHICLE
- NOVA LAUNCH VEHICLES
- NUCLEAR ENGINE FOR ROCKET VEHICLES
- ORBIT TRANSFER VEHICLES
- RANGER LUNAR LANDING VEHICLES
- RECOVERABLE LAUNCH VEHICLES
- RECOVERY VEHICLES
- REENTRY VEHICLES
- REMOTELY PILOTED VEHICLES
- RESEARCH VEHICLES
- REUSABLE LAUNCH VEHICLES
- ROCKET VEHICLES
- ROVING VEHICLES
- SATURN LAUNCH VEHICLES
- SINGLE STAGE ROCKET VEHICLES
- SINGLE STAGE TO ORBIT VEHICLES
- SKUA ROCKET VEHICLES
- ∞ SPACECRAFT
- STANDARD LAUNCH VEHICLES
- SURFACE EFFECT SHIPS
- SURFACE VEHICLES
- SWATH (SHIP)
- TANKS (COMBAT VEHICLES)
- TERMINAL CONFIGURED VEHICLE PROGRAM
- TEST VEHICLES
- THOR LAUNCH VEHICLES
- THORAD LAUNCH VEHICLES
- TITAN LAUNCH VEHICLES
- TITAN 4 LAUNCH VEHICLE
- TRACKED VEHICLES
- TRACTORS
- ∞ TRANSPORT VEHICLES
- TRANSPORTER
- UNDERWATER VEHICLES
- UNIDENTIFIED FLYING OBJECTS
- VERONIQUE ROCKET VEHICLES
- WATER VEHICLES
- ∞ WINGED VEHICLES

VEHICULAR TRACKS

RT IDLERS
 SURFACE VEHICLES
 SUSPENSION SYSTEMS (VEHICLES)
 TRACKED VEHICLES
 ∞ TRACKS
 TREADS

VEINS

GS ANATOMY
 . CIRCULATORY SYSTEM
 . . . CARDIOVASCULAR SYSTEM
 . . . BLOOD VESSELS
 VEINS
 RT ARTERIES
 BIFURCATION (BIOLOGY)
 TRANSFUSION

VELA SATELLITES

GS ARTIFICIAL SATELLITES
 . VELA SATELLITES
 MILITARY SPACECRAFT
 RT . VELA SATELLITES
 FISHBOWL OPERATION
 HIGH ALTITUDE NUCLEAR DETECTION
 HIGH ALTITUDE TESTS
 NUCLEAR EXPLOSIONS
 NUCLEAR RADIATION
 POST-BLAST NUCLEAR RADIATION
 RADIATION DETECTORS
 RADIATION MEASURING INSTRUMENTS
 SATELLITE OBSERVATION

VELARDENITE

USE GEHLENITE

VELOCITY

UF SPEED
 GS VELOCITY
 . ACOUSTIC VELOCITY
 . AIRSPEED
 . ANGULAR VELOCITY
 . CRITICAL VELOCITY
 . ESCAPE VELOCITY
 . EXHAUST VELOCITY
 . FLOW VELOCITY
 . . SOLAR WIND VELOCITY
 . GROUND SPEED
 . GROUP VELOCITY
 . HIGH SPEED
 . HYPERSONIC SPEED
 . LANDING SPEED
 . LIGHT SPEED
 . LOW SPEED
 . ORBITAL VELOCITY
 . PHASE VELOCITY
 . PROPAGATION VELOCITY
 . RADIAL VELOCITY
 . RELATIVISTIC VELOCITY
 . ROTOR SPEED
 . SOLAR VELOCITY
 . SUBSONIC SPEED
 . SUPERSONIC SPEED
 . TERMINAL VELOCITY
 . TIP SPEED
 . TRANSONIC SPEED
 . WIND VELOCITY
 . . SOLAR WIND VELOCITY
 RT ACCELERATION (PHYSICS)
 BODY KINEMATICS
 DE BROGLIE WAVELENGTHS
 ∞ DYNAMICS
 FERMAT PRINCIPLE
 KINEMATICS
 KINETICS
 LOADING RATE
 ∞ MOTION
 PERCEPTUAL TIME CONSTANT
 PRESSURE MEASUREMENT
 RELATIVISTIC EFFECTS
 SOLITARY WAVES
 TIME MEASUREMENT

VELOCITY COUPLING

RT BURNING RATE
 COMBUSTION STABILITY
 COUPLING
 PROPELLANT COMBUSTION

VELOCITY DISTRIBUTION

UF VELOCITY FIELDS
 VELOCITY PROFILES
 GS DISTRIBUTION (PROPERTY)
 . VELOCITY DISTRIBUTION
 RT CIRCULATION DISTRIBUTION

VELOCITY DISTRIBUTION--(cont.)

FLOW DISTRIBUTION
 FLOW VELOCITY
 GALACTIC ROTATION
 ORR-SOMMERFELD EQUATIONS
 POHLHAUSEN METHOD
 PRESSURE DISTRIBUTION
 SHOCK WAVE PROFILES
 THREE DIMENSIONAL BOUNDARY LAYER

VELOCITY ERRORS

GS ERRORS
 . VELOCITY ERRORS
 RT ESCAPE VELOCITY
 ORBITAL VELOCITY
 POSITION ERRORS

VELOCITY FIELDS

USE VELOCITY DISTRIBUTION

VELOCITY MEASUREMENT

UF ANEMOMETRY
 GS MECHANICAL MEASUREMENT
 . VELOCITY MEASUREMENT
 . . PARTICLE IMAGE VELOCIMETRY
 . . WIND VELOCITY MEASUREMENT
 RT ACCELEROMETERS
 ANEMOMETERS
 DRAG FORCE ANEMOMETERS
 FLOW MEASUREMENT
 FLOW VELOCITY
 FLOWMETERS
 HOT-FILM ANEMOMETERS
 HOT-WIRE ANEMOMETERS
 HUBBLE CONSTANT
 HUBBLE DIAGRAM
 LASER ANEMOMETERS
 LASER DOPPLER VELOCIMETERS
 ∞ MEASUREMENT
 PITOT TUBES
 PRESSURE MEASUREMENT
 RADIAL VELOCITY
 SOLAR WIND VELOCITY
 SONIC ANEMOMETERS
 SPEED INDICATORS
 STROBOSCOPES
 TACHOMETERS
 TIME MEASUREMENT
 VENTURI TUBES
 VORTEX PRESSION

VELOCITY MODULATION

GS MODULATION
 . VELOCITY MODULATION
 RT BUNCHING
 CAVITY RESONATORS
 ELECTRON BUNCHING
 ELECTRON TUBES

VELOCITY PROFILES

USE VELOCITY DISTRIBUTION

VENEERS

RT COATINGS
 FINISHES
 LAMINATES
 MASONRY

VENERA SATELLITES

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . VENERA SATELLITES
 . . . VENERA 2 SATELLITE
 . . . VENERA 3 SATELLITE
 . . . VENERA 4 SATELLITE
 . . . VENERA 5 SATELLITE
 . . . VENERA 6 SATELLITE
 . . . VENERA 7 SATELLITE
 . . . VENERA 8 SATELLITE
 . . . VENERA 9 SATELLITE
 . . . VENERA 10 SATELLITE
 . . . VENERA 11 SATELLITE
 . . . VENERA 12 SATELLITE
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . VENERA SATELLITES
 . . . VENERA 2 SATELLITE
 . . . VENERA 3 SATELLITE
 . . . VENERA 4 SATELLITE
 . . . VENERA 5 SATELLITE
 . . . VENERA 6 SATELLITE
 . . . VENERA 7 SATELLITE
 . . . VENERA 8 SATELLITE
 . . . VENERA 9 SATELLITE
 . . . VENERA 10 SATELLITE

VENERA SATELLITES--(cont.)

. . . VENERA 11 SATELLITE
 . . . VENERA 12 SATELLITE
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 . . VENERA 2 SATELLITE
 . . VENERA 3 SATELLITE
 . . VENERA 4 SATELLITE
 . . VENERA 5 SATELLITE
 . . VENERA 6 SATELLITE
 . . VENERA 7 SATELLITE
 . . VENERA 8 SATELLITE
 . . VENERA 9 SATELLITE
 . . VENERA 10 SATELLITE
 . . VENERA 11 SATELLITE
 . . VENERA 12 SATELLITE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . VENERA SATELLITES
 . . . VENERA 2 SATELLITE
 . . . VENERA 3 SATELLITE
 . . . VENERA 4 SATELLITE
 . . . VENERA 5 SATELLITE
 . . . VENERA 6 SATELLITE
 . . . VENERA 7 SATELLITE
 . . . VENERA 8 SATELLITE
 . . . VENERA 9 SATELLITE
 . . . VENERA 10 SATELLITE
 . . . VENERA 11 SATELLITE
 . . . VENERA 12 SATELLITE
 RT U.S.S.R. SPACE PROGRAM
 VEGA PROJECT

VENERA 2 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . VENERA SATELLITES
 . . . VENERA 2 SATELLITE
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . VENERA SATELLITES
 . . . VENERA 2 SATELLITE
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 . . VENERA 2 SATELLITE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . VENERA SATELLITES
 . . . VENERA 2 SATELLITE

VENERA 3 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . VENERA SATELLITES
 . . . VENERA 3 SATELLITE
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . VENERA SATELLITES
 . . . VENERA 3 SATELLITE
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 . . VENERA 3 SATELLITE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . VENERA SATELLITES
 . . . VENERA 3 SATELLITE

VENERA 4 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . VENERA SATELLITES
 . . . VENERA 4 SATELLITE
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . . VENERA SATELLITES
 . . . VENERA 4 SATELLITE
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 . . VENERA 4 SATELLITE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . VENUS PROBES
 . . . VENERA SATELLITES
 . . . VENERA 4 SATELLITE

VENERA 5 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 . . VENERA SATELLITES
 . . . VENERA 5 SATELLITE
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES

VENERA 5 SATELLITE--(cont.)

.. VENERA SATELLITES
 ... **VENERA 5 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 5 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 5 SATELLITE**

VENERA 6 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 6 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 6 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 6 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 6 SATELLITE**

VENERA 7 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 7 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 7 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 7 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 7 SATELLITE**

VENERA 8 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 8 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 8 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 8 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 8 SATELLITE**
 RT U.S.S.R. SPACE PROGRAM
 VENUS (PLANET)

VENERA 9 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 9 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 9 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 9 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 9 SATELLITE**

VENERA 10 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 10 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 10 SATELLITE**

VENERA 10 SATELLITE--(cont.)

SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 10 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 10 SATELLITE**
 RT U.S.S.R. SPACE PROGRAM
 VENUS (PLANET)

VENERA 11 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 11 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 11 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 11 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 11 SATELLITE**
 RT U.S.S.R. SPACE PROGRAM
 VENUS (PLANET)
 VENUS ATMOSPHERE
 VENUS SURFACE

VENERA 12 SATELLITE

GS ARTIFICIAL SATELLITES
 . SOVIET SATELLITES
 .. VENERA SATELLITES
 ... **VENERA 12 SATELLITE**
 INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 .. VENERA SATELLITES
 ... **VENERA 12 SATELLITE**
 SOVIET SPACECRAFT
 . VENERA SATELLITES
 .. **VENERA 12 SATELLITE**
 UNMANNED SPACECRAFT
 . SPACE PROBES
 .. VENUS PROBES
 ... VENERA SATELLITES
 **VENERA 12 SATELLITE**
 RT U.S.S.R. SPACE PROGRAM
 VENUS (PLANET)
 VENUS ATMOSPHERE
 VENUS SURFACE

VENEZIANO MODEL

GS MODELS
 . MATHEMATICAL MODELS
 .. **VENEZIANO MODEL**
 RT ELEMENTARY PARTICLE INTERACTIONS

VENEZUELA

GS NATIONS
 . **VENEZUELA**
 RT SOUTH AMERICA

VENN DIAGRAMS

GS DIAGRAMS
 . **VENN DIAGRAMS**
 RT ANALYSIS (MATHEMATICS)
 GEOMETRY
 MATHEMATICAL LOGIC

VENOM AIRCRAFT

USE DH 112 AIRCRAFT

VENTILATION

RT AIR CONDITIONING
 AIR COOLING
 AIR FILTERS
 AIR FLOW
 AIR INTAKES
 AIR PURIFICATION
 BLOWERS
 COMFORT
 COOLING
 COOLING SYSTEMS
 DRAFT (GAS FLOW)
 DUCTS
 ENVIRONMENTAL ENGINEERING
 EXHAUST SYSTEMS
 EXHAUSTING
 LIFE SUPPORT SYSTEMS
 REFRIGERATING

VENTILATION--(cont.)

TEMPERATURE
 TEMPERATURE CONTROL
 TEMPERATURE DISTRIBUTION
 VENTILATORS
 VENTING
 VENTS

VENTILATION FANS

RT BLOWERS
 COOLING
 COOLING SYSTEMS
 DUCTED FANS
 FAN BLADES
 ∞ FANS
 VENTILATORS

VENTILATORS

RT AIR DUCTS
 AIR INTAKES
 BLOWERS
 ∞ DIFFUSERS
 EXHAUST SYSTEMS
 VENTILATION
 VENTILATION FANS
 VENTS

VENTING

RT BREATHING VIBRATION
 COOLING
 ∞ DISCHARGE
 EVACUATING (VACUUM)
 EXHAUSTING
 FLUSHING
 PURGING
 RELEASING
 RELIEF VALVES
 ∞ SEPARATION
 VENTILATION
 VENTS

VENTRAL SECTIONS

RT ABDOMEN

VENTS

GS OUTLETS
 . **VENTS**
 RT ANNULAR DUCTS
 APERTURES
 CAVITIES
 CHIMNEYS
 COOLING SYSTEMS
 DUCTS
 EVACUATING (VACUUM)
 EXHAUST SYSTEMS
 FLUES
 GATES (OPENINGS)
 LOUVERS
 ∞ NOZZLES
 OPENINGS
 PORTS (OPENINGS)
 RELIEF VALVES
 SLOTTED WIND TUNNELS
 VENTILATION
 VENTILATORS
 VENTING
 WINDOWS (APERTURES)

VENTURI TUBES

RT ∞ DETECTORS
 FLOW MEASUREMENT
 FLOWMETERS
 GAS METERS
 MEASURING INSTRUMENTS
 ORIFICES
 PITOT TUBES
 PRESSURE GRADIENTS
 PRESSURE MEASUREMENT
 ∞ TUBES
 VELOCITY MEASUREMENT

VENUS (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 .. TERRESTRIAL PLANETS
 ... **VENUS (PLANET)**
 RT PLANETARY CRATERS
 VEGA PROJECT
 VENERA 8 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE

VENUS ATMOSPHERE

GS ENVIRONMENTS

VENUS ATMOSPHERE--(cont.)

- . EXTRATERRESTRIAL ENVIRONMENTS
- . PLANETARY ENVIRONMENTS
- . PLANETARY ATMOSPHERES
- **VENUS ATMOSPHERE**
- VENUS CLOUDS
- RT AEROSPACE ENVIRONMENTS
- IONOPAUSE
- PLANETARY IONOSPHERES
- PLANETARY METEOROLOGY
- VENERA 11 SATELLITE
- VENERA 12 SATELLITE
- VENUS ORBITING IMAGING RADAR (SPACECRAFT)

VENUS CLOUDS

- GS ENVIRONMENTS
- . EXTRATERRESTRIAL ENVIRONMENTS
- . PLANETARY ENVIRONMENTS
- . . . PLANETARY ATMOSPHERES
- VENUS ATMOSPHERE
- **VENUS CLOUDS**
- RT ATMOSPHERIC MODELS
- CLOUD COVER
- CLOUD PHYSICS
- ∞ CLOUDS
- GREENHOUSE EFFECT

VENUS FLY TRAP ROCKET VEHICLE

- GS ROCKET VEHICLES
- . SOUNDING ROCKETS
- . . . **VENUS FLY TRAP ROCKET VEHICLE**
- RT COSMIC DUST
- EXTRATERRESTRIAL MATTER

VENUS ORBITING IMAGING RADAR (SPACECRAFT)

- GS RADAR
- . **VENUS ORBITING IMAGING RADAR (SPACECRAFT)**
- RT MAGELLAN PROJECT (NASA)
- MAGELLAN SPACECRAFT (NASA)
- SYNTHETIC APERTURE RADAR
- VENUS ATMOSPHERE
- VENUS PROBES
- VENUS SURFACE

VENUS PROBES

- GS INTERPLANETARY SPACECRAFT
- . **VENUS PROBES**
- . . . MAGELLAN SPACECRAFT (NASA)
- . . . MARINER 1 SPACE PROBE
- . . . MARINER 2 SPACE PROBE
- . . . MARINER 5 SPACE PROBE
- . . . MARINER 10 SPACE PROBE
- . . . PIONEER VENUS 2 SPACECRAFT
- . . . PIONEER VENUS 2 TRANSPORTER
- . . . BUS
- . . . VENERA SATELLITES
- VENERA 2 SATELLITE
- VENERA 3 SATELLITE
- VENERA 4 SATELLITE
- VENERA 5 SATELLITE
- VENERA 6 SATELLITE
- VENERA 7 SATELLITE
- VENERA 8 SATELLITE
- VENERA 9 SATELLITE
- VENERA 10 SATELLITE
- VENERA 11 SATELLITE
- VENERA 12 SATELLITE
- . . . ZOND 1 SPACE PROBE
- . . . ZOND 3 SPACE PROBE
- . . . ZOND 4 SPACE PROBE
- . . . ZOND 5 SPACE PROBE
- . . . ZOND 6 SPACE PROBE
- . . . ZOND 7 SPACE PROBE
- . . . ZOND 8 SPACE PROBE
- UNMANNED SPACECRAFT
- . SPACE PROBES
- . . . **VENUS PROBES**
- MAGELLAN SPACECRAFT (NASA)
- MARINER 1 SPACE PROBE
- MARINER 2 SPACE PROBE
- MARINER 5 SPACE PROBE
- MARINER 10 SPACE PROBE
- VENERA SATELLITES
- VENERA 2 SATELLITE
- VENERA 3 SATELLITE
- VENERA 4 SATELLITE
- VENERA 5 SATELLITE
- VENERA 6 SATELLITE
- VENERA 7 SATELLITE
- VENERA 8 SATELLITE
- VENERA 9 SATELLITE
- VENERA 10 SATELLITE

VENUS PROBES--(cont.)

- VENERA 11 SATELLITE
- VENERA 12 SATELLITE
- . . . ZOND 1 SPACE PROBE
- . . . ZOND 3 SPACE PROBE
- . . . ZOND 4 SPACE PROBE
- . . . ZOND 5 SPACE PROBE
- . . . ZOND 6 SPACE PROBE
- . . . ZOND 7 SPACE PROBE
- . . . ZOND 8 SPACE PROBE
- RT MAGELLAN PROJECT (NASA)
- MARINER PROGRAM
- MARINER VENUS 67 SPACECRAFT
- MARS PROBES
- OUTER PLANETS EXPLORERS
- SPUTNIK 5 SATELLITE
- VENUS ORBITING IMAGING RADAR (SPACECRAFT)
- VOYAGER PROJECT

VENUS RADAR ECHOES

- GS ECHOES
- . RADAR ECHOES
- . . . **VENUS RADAR ECHOES**

VENUS RADAR MAPPER

- USE MAGELLAN SPACECRAFT (NASA)

VENUS RADAR MAPPER PROJECT

- USE MAGELLAN PROJECT (NASA)

VENUS SURFACE

- GS PLANETARY SURFACES
- . **VENUS SURFACE**
- RT CLOUD COVER
- EXTRATERRESTRIAL ENVIRONMENTS
- MAGELLAN PROJECT (NASA)
- MAGELLAN SPACECRAFT (NASA)
- PLANETARY CRATERS
- SOLAR SYSTEM
- ∞ SURFACES
- TERRAFORMING
- TOPOGRAPHY
- VENERA 11 SATELLITE
- VENERA 12 SATELLITE
- VENUS ORBITING IMAGING RADAR (SPACECRAFT)

VERBAL COMMUNICATION

- GS COMMUNICATING
- . **VERBAL COMMUNICATION**
- . . . CONVERSATION
- RT ACOUSTICS
- LANGUAGES
- LECTURES
- PHONETICS
- TELEPHONY
- VOICE COMMUNICATION
- VOICE DATA PROCESSING
- WORDS (LANGUAGE)

VERIFICATION (PROVING)

- USE PROVING

VERMICULITE

- GS CLAYS
- . **VERMICULITE**
- . . . MINERALS
- . . . **VERMICULITE**
- RT INSULATION
- MICA
- PACKAGING
- SILICATES

VERMONT

- GS NATIONS
- . UNITED STATES
- . . . **VERMONT**
- RT LAKE CHAMPLAIN BASIN (NY-VT)
- ST LAWRENCE VALLEY (NORTH AMERICA)

VERNEUIL PROCESS

- GS GROWTH
- . CRYSTAL GROWTH
- . . . **VERNEUIL PROCESS**
- RT CZOCHRALSKI METHOD
- RUBY LASERS

VERNIER ENGINES

- GS ENGINES
- . ROCKET ENGINES
- . . . **VERNIER ENGINES**
- SYNCOM APOGEE ENGINES

VERNIER ENGINES--(cont.)

- . TORPEDO ENGINES
- . . . **VERNIER ENGINES**
- CONTROL ROCKETS
- SYNCOM APOGEE ENGINES
- RT ELECTRIC ROCKET ENGINES
- ELECTROSTATIC ENGINES
- HYBRID PROPELLANT ROCKET ENGINES
- INTERNAL COMBUSTION ENGINES
- LAUNCH VEHICLES
- LIQUID PROPELLANT ROCKET ENGINES
- MA-2 ENGINE
- MA-3 ENGINE
- MA-5 ENGINE
- MICROROCKET ENGINES
- RESTARTABLE ROCKET ENGINES
- SOLID PROPELLANT ROCKET ENGINES
- THRUST VECTOR CONTROL

VERNINE

- USE GUANOSINES

VERONIQUE ROCKET VEHICLES

- GS ROCKET VEHICLES
- . SINGLE STAGE ROCKET VEHICLES
- . . . **VERONIQUE ROCKET VEHICLES**
- . . . SOUNDING ROCKETS
- RT **VERONIQUE ROCKET VEHICLES**
- LIQUID PROPELLANT ROCKET ENGINES
- ∞ VEHICLES

VERSATILITY

- RT COMPATIBILITY
- FLEXIBILITY

VERTEBRAE

- GS ANATOMY
- . MUSCULOSKELETAL SYSTEM
- . . . BONES
- . . . SPINE
- **VERTEBRAE**
- RT INTERVERTEBRAL DISKS
- NECK (ANATOMY)

VERTEBRAL COLUMN

- USE SPINE

VERTEBRATES

- GS ANIMALS
- . **VERTEBRATES**
- . . . AMPHIBIA
- . . . FROGS
- . . . BIRDS
- . . . CHICKENS
- . . . PIGEONS
- . . . TURKEYS
- . . . WATERFOWL
- . . . FISHES
- . . . SCHOOLS (FISH)
- . . . SHARKS
- . . . MAMMALS
- . . . BATS
- . . . BEARS
- . . . CATS
- . . . CATTLE
- . . . CALVES
- . . . DEER
- . . . CARIBOUS
- . . . DOGS
- . . . GOATS
- . . . HORSES
- . . . MARINE MAMMALS
- . . . DOLPHINS
- . . . MANATEES
- . . . PORPOISES
- . . . SEALS (ANIMALS)
- . . . WHALES
- . . . MOLES
- . . . PRIMATES
- . . . APES
- . . . CHIMPANZEES
- . . . BABOONS
- . . . HUMAN BEINGS
- . . . MONKEYS
- . . . RODENTS
- . . . GUINEA PIGS
- . . . HAMSTERS
- . . . MICE
- . . . JERBOAS
- . . . POCKET MICE
- . . . RABBITS
- . . . RATS
- . . . SQUIRRELS
- GROUND SQUIRRELS
- . . . SHEEP

VERTEBRATES--(cont.)

... SWINE
... WOLVES
... REPTILES
... LIZARDS
... SNAKES
... TURTLES
RT HOMEOTHERMS

VERTICAL AIR CURRENTS

UF UPDRAFTS
GS FLUID FLOW
... GAS FLOW
... AIR FLOW
... AIR CURRENTS
... **VERTICAL AIR CURRENTS**
RT ATMOSPHERIC CIRCULATION
CONVECTION CLOUDS
CONVECTION CURRENTS
DOWNBURSTS
LEE WAVES
MICROBURSTS (METEOROLOGY)
MIXING HEIGHT
SOARING
TURBULENCE
WIND (METEOROLOGY)
WINDS ALOFT

VERTICAL ATTITUDE TAKEOFF-LANDING

AIRCRAFT
USE VATOL AIRCRAFT

VERTICAL DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
... **VERTICAL DISTRIBUTION**
... STAR DISTRIBUTION
RT ELECTRON DISTRIBUTION
HORIZONTAL DISTRIBUTION
ION DISTRIBUTION
PRESSURE DISTRIBUTION
RADIATION DISTRIBUTION
SPATIAL DISTRIBUTION
TEMPERATURE DISTRIBUTION
WIND PROFILES

VERTICAL FINS

USE FINS

VERTICAL FLIGHT

RT BALLOON FLIGHT
CLIMBING FLIGHT
∞ FLIGHT
FLIGHT PATHS
HOVERING
ROCKET FLIGHT
TRANSITION FLIGHT
V/STOL AIRCRAFT

VERTICAL JUNCTION SOLAR CELLS

GS ELECTRIC GENERATORS
... DIRECT POWER GENERATORS
... PHOTOELECTRIC GENERATORS
... PHOTOVOLTAIC CELLS
... SOLAR CELLS
... **VERTICAL JUNCTION SOLAR CELLS**
... SOLAR GENERATORS
... SOLAR CELLS
... **VERTICAL JUNCTION SOLAR CELLS**
ELECTRONIC EQUIPMENT
... SOLID STATE DEVICES
... SEMICONDUCTOR DEVICES
... PHOTOVOLTAIC CELLS
... SOLAR CELLS
... **VERTICAL JUNCTION SOLAR CELLS**
RT WAFERS

VERTICAL LANDING

UF VERTICAL TAKEOFF AND LANDING
VTOL
GS LANDING
... **VERTICAL LANDING**
RT AIRCRAFT LANDING
SPACECRAFT LANDING
STOVL AIRCRAFT
TOUCHDOWN
VATOL AIRCRAFT

VERTICAL MOTION

RT FALLING

VERTICAL MOTION--(cont.)

∞ MOTION
TOUCHDOWN

VERTICAL MOTION SIMULATORS

GS SIMULATORS
... VIBRATION SIMULATORS
... **VERTICAL MOTION SIMULATORS**
RT ∞ MOTION
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VERTICAL ORIENTATION

RT ALIGNMENT
ATTITUDE (INCLINATION)
DIRECTIONAL STABILITY
DYNAMIC STABILITY
HORIZONTAL ORIENTATION
LATERAL STABILITY
∞ ORIENTATION
STABILIZATION

VERTICAL PERCEPTION

GS PERCEPTION
... SENSORY PERCEPTION
... **VERTICAL PERCEPTION**
RT BODY SWAY TEST
GRAVIRECEPTORS
OCULOGRAVIC ILLUSIONS
∞ ORIENTATION
OTOLITH ORGANS
∞ SPACE ORIENTATION
VESTIBULAR TESTS

VERTICAL STABILIZERS

USE STABILIZERS (FLUID DYNAMICS)

VERTICAL TAILS

USE STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES

VERTICAL TAKEOFF

UF VERTICAL TAKEOFF AND LANDING
VTOL
GS TAKEOFF
... **VERTICAL TAKEOFF**

VERTICAL TAKEOFF AIRCRAFT

UF VTOL AIRCRAFT
GS V/STOL AIRCRAFT
... **VERTICAL TAKEOFF AIRCRAFT**
... FLYING PLATFORMS
... SC-1 AIRCRAFT
... VJ-101 AIRCRAFT
... VZ-8 AIRCRAFT
... X-13 AIRCRAFT
... X-14 AIRCRAFT
... X-19 AIRCRAFT
... X-22 AIRCRAFT
... X-22A AIRCRAFT
... XC-142 AIRCRAFT
... XV-4 AIRCRAFT
... XV-11A AIRCRAFT
RT ∞ AIRCRAFT
BELL 214A HELICOPTER
CF-700 ENGINE
CIRCULATION CONTROL ROTORS
COMPOUND HELICOPTERS
CONVERTIBLE FAN-SHAFT ENGINES
CUSHIONCRAFT GROUND EFFECT
MACHINE
FAN IN WING AIRCRAFT
GETOL AIRCRAFT
HELICOPTERS
LIFT FANS
LIFTING ROTORS
∞ MILITARY AIRCRAFT
POWERED LIFT AIRCRAFT
RESEARCH AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
∞ SUBSONIC AIRCRAFT
T-58 ENGINE
T-58-GE-8B ENGINE
TILT WING AIRCRAFT
VATOL AIRCRAFT
∞ WINGED VEHICLES

VERTICAL TAKEOFF AND LANDING

USE VERTICAL LANDING
VERTICAL TAKEOFF

VERY LONG BASELINE ARRAY (VLBA)**VERTICAL 8 ROCKET**

GS ROCKET VEHICLES
... SOUNDING ROCKETS
... **VERTICAL 8 ROCKET**
RT PAYLOADS
∞ ROCKETS

VERTICES

USE APEXES

VERTIGO

GS SIGNS AND SYMPTOMS
... **VERTIGO**
RT BARANY CHAIR
EAR PRESSURE TEST
VESTIBULAR TESTS

VERTOL MILITARY HELICOPTERS

USE BOEING AIRCRAFT

VERY HIGH FREQUENCIES

SN (30 TO 300 MHZ)
GS FREQUENCIES
... RADIO FREQUENCIES
... **VERY HIGH FREQUENCIES**
... P BAND
RT DECAHETRIC WAVES
LOW FREQUENCY BANDS
MAXIMUM USABLE FREQUENCY

VERY HIGH FREQUENCY RADIO EQUIPMENT

UF ULTRA SHORT WAVE RADIO EQUIPMENT
GS RADIO EQUIPMENT
... **VERY HIGH FREQUENCY RADIO EQUIPMENT**
RT RADIO ASTRONOMY
ULTRAHIGH FREQUENCIES

VERY HIGH SPEED INTEGRATED CIRCUITS

USE VHSIC (CIRCUITS)

VERY LARGE ARRAY (VLA)

GS RADIO EQUIPMENT
... RADIO TELESCOPES
... **VERY LARGE ARRAY (VLA)**
TELESCOPES
... RADIO TELESCOPES
... **VERY LARGE ARRAY (VLA)**
RT ANTENNA ARRAYS
RADIO ASTRONOMY

VERY LARGE SCALE INTEGRATION

UF VLSI
GS CIRCUITS
... INTEGRATED CIRCUITS
... **VERY LARGE SCALE INTEGRATION**
MICROELECTRONICS
RT **VERY LARGE SCALE INTEGRATION**
APPLICATION SPECIFIC INTEGRATED
CIRCUITS
ARCHITECTURE (COMPUTERS)
CHIPS (ELECTRONICS)
LARGE SCALE INTEGRATION
MOLECULAR ELECTRONICS
SYSTOLIC ARRAYS

VERY LONG BASE INTERFEROMETRY

UF VLBI
GS INTERFEROMETRY
... **VERY LONG BASE INTERFEROMETRY**
RT ASTRONOMICAL INTERFEROMETRY
DIFFRACTION PATTERNS
ETALONS
INTERFEROMETERS
NULL ZONES
QUASAR
RADIO ASTRONOMY
RADIO INTERFEROMETERS
VERY LONG BASELINE ARRAY (VLBA)

VERY LONG BASELINE ARRAY (VLBA)

GS RADIO EQUIPMENT
... RADIO TELESCOPES
... **VERY LONG BASELINE ARRAY (VLBA)**
TELESCOPES
... RADIO TELESCOPES
... **VERY LONG BASELINE ARRAY (VLBA)**
RT ANTENNA ARRAYS
RADIO ASTRONOMY
VERY LONG BASE INTERFEROMETRY

VERY LOW FREQUENCIES

SN (3 TO 30 KHZ)
GS FREQUENCIES
... RADIO FREQUENCIES
... LOW FREQUENCIES
... **VERY LOW FREQUENCIES**
... LOW FREQUENCY BANDS
... **VERY LOW FREQUENCIES**
RT AUDIO FREQUENCIES
EARTH-IONOSPHERE WAVEGUIDE

VERY SMALL APERTURE TERMINALS

USE VSAT (NETWORK)

∞ VESSELS

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
RT BLOOD VESSELS
∞ CAPSULES
... FLUID FILLED SHELLS
... LIQUID FILLED SHELLS
... NAVY
... PRESSURE VESSELS
... SHIPS

VESTA ASTEROID

GS CELESTIAL BODIES
... ASTEROID BELTS
... ASTEROIDS
... **VESTA ASTEROID**
RT METEORIDS
SOLAR SYSTEM
SPACE DEBRIS

VESTIBULAR NYSTAGMUS

GS EYE MOVEMENTS
... NYSTAGMUS
... **VESTIBULAR NYSTAGMUS**
... REFLEXES
... **VESTIBULAR NYSTAGMUS**
RT ANATOMY
EYE (ANATOMY)
OPHTHALMOLOGY

VESTIBULAR TESTS

GS PHYSIOLOGICAL TESTS
... **VESTIBULAR TESTS**
RT BODY SWAY TEST
CORIOLIS EFFECT
EAR PRESSURE TEST
HEAD DOWN TILT
HEAD MOVEMENT
VERTICAL PERCEPTION
VERTIGO

VESTIBULES

GS ANATOMY
... SENSE ORGANS
... EAR
... LABYRINTH
... **VESTIBULES**
RT MORPHOLOGY
PASSAGEWAYS
SEMICIRCULAR CANALS

VESTS

RT CLOTHING
GARMENTS

VETERINARY MEDICINE

RT ∞ BIOLOGY
... DIAGNOSIS
... DISEASES
... EPIDEMIOLOGY
... IMMUNOLOGY
... INJURIES
∞ MEDICINE
... PATHOLOGY
... PHARMACOLOGY
... SURGERY

VFR (RULES)

USE VISUAL FLIGHT RULES

VHF OMNIRANGE NAVIGATION

UF OMNIRANGE NAVIGATION
VOR SYSTEMS
GS NAVIGATION
... RADIO NAVIGATION
... **VHF OMNIRANGE NAVIGATION**
RT AIR NAVIGATION
NAVIGATION AIDS
RADIO DIRECTION FINDERS

VHF OMNIRANGE NAVIGATION--(cont.)

SOLAR COMPASSES

VHSIC (CIRCUITS)

UF VERY HIGH SPEED INTEGRATED
CIRCUITS
GS CIRCUITS
... INTEGRATED CIRCUITS
... **VHSIC (CIRCUITS)**
RT CHIPS (ELECTRONICS)
LARGE SCALE INTEGRATION
SIGNAL PROCESSING

VIABILITY

RT ANIMALS
CARBON CYCLE
CROP VIGOR
GERMINATION
GROWTH
PLANTS (BOTANY)
SEEDS

VIBRATION

UF JITTER
GS **VIBRATION**
... COMBUSTION VIBRATION
... FORCED VIBRATION
... FREE VIBRATION
... LATTICE VIBRATIONS
... POGO EFFECTS
... RANDOM VIBRATION
... RESONANT VIBRATION
... STRUCTURAL VIBRATION
... BENDING VIBRATION
... BREATHING VIBRATION
... FLUTTER
... PANEL FLUTTER
... SUBSONIC FLUTTER
... SUPERSONIC FLUTTER
... TRANSONIC FLUTTER
... LINEAR VIBRATION
... MISSILE VIBRATION
... SELF INDUCED VIBRATION
... PANEL FLUTTER
... SUBSONIC FLUTTER
... SUPERSONIC FLUTTER
... TRANSONIC FLUTTER
... TORSIONAL VIBRATION
RT ACOUSTICS
AIRFOIL OSCILLATIONS
AMPLITUDES
ANTINODES
COMPACTING
CYCLIC LOADS
DISPLACEMENT
∞ DYNAMICS
ELASTIC WAVES
FATIGUE (MATERIALS)
FLAPPING
HARMONICS
ISOLATORS
MECHANICAL OSCILLATORS
MECHANICAL SHOCK
MISTUNING (TURBOMACHINERY)
MODES (STANDING WAVES)
∞ MOTION
NODES (STANDING WAVES)
NUTATION
OSCILLATING CYLINDERS
OSCILLATIONS
OSCILLATORS
RESONANCE
SHAKING
SHOCK RESISTANCE
SPACECRAFT MOTION
STANDING WAVES
VIBRATIONAL STRESS
VIBRATORY LOADS
VIBRATORY POLISHING
∞ WAVES
WING OSCILLATIONS

VIBRATION DAMPERS

USE VIBRATION ISOLATORS

VIBRATION DAMPING

GS DAMPING
... **VIBRATION DAMPING**
RT ACOUSTICS
ATTENUATION
DAST PROGRAM
ELASTIC DAMPING
FLEXIBLE SPACECRAFT
GYRODAMPERS
HARMONIC CONTROL

VIBRATION DAMPING--(cont.)

MOLECULAR RELAXATION
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
SHOCK ABSORBERS

VIBRATION EFFECTS

GS **VIBRATION EFFECTS**
... POGO EFFECTS
RT ∞ EFFECTS
SUPPORT INTERFERENCE
VIBRATIONAL STRESS

VIBRATION ISOLATORS

UF VIBRATION DAMPERS
VIBRATION PROTECTION
GS ISOLATORS
... **VIBRATION ISOLATORS**
RT ∞ ABSORBERS
ACOUSTIC RETROFITTING
CUSHIONS
∞ DAMPERS
DAMPERS (VALVES)
DAMPING
ENERGY ABSORPTION
NOISE REDUCTION
OSCILLATION DAMPERS
SHOCK ABSORBERS
SPRINGS (ELASTIC)
SUSPENSION SYSTEMS (VEHICLES)

VIBRATION MEASUREMENT

GS MECHANICAL MEASUREMENT
... **VIBRATION MEASUREMENT**
RT CEPSTRAL ANALYSIS
DAMPING TESTS
FREQUENCY ANALYZERS
FREQUENCY MEASUREMENT
∞ MEASUREMENT
STRESS MEASUREMENT

VIBRATION METERS

UF VIBROMETERS
GS MEASURING INSTRUMENTS
... **VIBRATION METERS**
... SEISMOGRAPHS
... LUNAR SEISMOGRAPHS
RT ACCELEROMETERS
TRANSDUCERS

VIBRATION MODE

UF MODE OF VIBRATION
GS MODES
... **VIBRATION MODE**
... UNCOUPLED MODES
RT AIRFOIL OSCILLATIONS
FREE VIBRATION
LINEAR VIBRATION
MODE TRANSFORMERS
TRANSVERSE WAVES

VIBRATION PERCEPTION

GS PERCEPTION
... SENSORY PERCEPTION
... **VIBRATION PERCEPTION**

VIBRATION PROTECTION

USE VIBRATION ISOLATORS

VIBRATION SIMULATORS

UF VIBRATION TESTING MACHINES
GS SIMULATORS
... **VIBRATION SIMULATORS**
... VERTICAL MOTION SIMULATORS
RT FLUTTER
∞ MACHINERY
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VIBRATION TESTING MACHINES

USE VIBRATION SIMULATORS

VIBRATION TESTS

GS **VIBRATION TESTS**
... DAMPING TESTS
... STROKING TESTS
RT DESTRUCTIVE TESTS
DYNAMIC TESTS
ELECTRONIC EQUIPMENT TESTS
ENGINE TESTS
ENVIRONMENTAL TESTS
FLIGHT TESTS
FLUTTER

VIBRATION TESTS--(cont.)

MECHANICAL ENGINEERING
OSCILLATIONS
RESONANCE TESTING
SHOCK TESTS
STABILITY TESTS
STATIC TESTS
STRUCTURAL VIBRATION
∞ TESTS

VIBRATIONAL FREEZING

GS PHASE TRANSFORMATIONS
. FREEZING
. **VIBRATIONAL FREEZING**

VIBRATIONAL FREQUENCIES (MOLECULAR)

USE VIBRATIONAL SPECTRA

VIBRATIONAL FREQUENCIES (STRUCTURAL)

USE RESONANT FREQUENCIES

VIBRATIONAL RELAXATION

USE MOLECULAR RELAXATION

VIBRATIONAL SPECTRA

UF VIBRATIONAL FREQUENCIES
(MOLECULAR)
GS SPECTRA
. MOLECULAR SPECTRA
. **VIBRATIONAL SPECTRA**
. RADIATION SPECTRA
. ELECTROMAGNETIC SPECTRA
. **VIBRATIONAL SPECTRA**
RT ELECTRONIC SPECTRA
ENERGY SPECTRA
MOLECULAR RELAXATION
RAMAN SPECTRA
ROTATIONAL SPECTRA
VIBRATIONAL STATES

VIBRATIONAL STATES

SN (LIMITED TO MOLECULAR ENERGY
LEVELS - EXCLUDES VIBRATION
MODES/CONDITIONS OF STRUCTURES
OR VEHICLES)
GS LEVEL (QUANTITY)
. ENERGY LEVELS
. MOLECULAR ENERGY LEVELS
. **VIBRATIONAL STATES**
RT MOLECULAR EXCITATION
VIBRATIONAL SPECTRA

VIBRATIONAL STRESS

GS STRESSES
. **VIBRATIONAL STRESS**
RT FLUTTER
VIBRATION
VIBRATION EFFECTS
VIBRATORY LOADS

VIBRATORY LOADS

GS LOADS (FORCES)
. DYNAMIC LOADS
. **VIBRATORY LOADS**
RT AERODYNAMIC LOADS
CYCLIC LOADS
STRUCTURAL DESIGN CRITERIA
VERTICAL MOTION SIMULATORS
VIBRATION
VIBRATION SIMULATORS
VIBRATIONAL STRESS

VIBRATORY POLISHING

GS POLISHING
. **VIBRATORY POLISHING**
RT METALLOGRAPHY
VIBRATION

VIBROCARDIOGRAPHY

USE PHONOCARDIOGRAPHY

VIBROMETERS

USE VIBRATION METERS

VIC METHOD

USE VORTEX IN CELL TECHNIQUE

VICKERS SCIMITAR AIRCRAFT

USE SCIMITAR AIRCRAFT

VICKERS VALIANT AIRCRAFT

USE VALIANT AIRCRAFT

VICKERS VC-10 AIRCRAFT

USE VC-10 AIRCRAFT

VICKERS 1100 AIRCRAFT

USE VC-10 AIRCRAFT

VICTOR MK-1 AIRCRAFT

GS ATTACK AIRCRAFT
. BOMBER AIRCRAFT
. **VICTOR MK-1 AIRCRAFT**
HANDLEY PAGE AIRCRAFT
. **VICTOR MK-1 AIRCRAFT**
JET AIRCRAFT
. **VICTOR MK-1 AIRCRAFT**
MONOPLANES
. **VICTOR MK-1 AIRCRAFT**
RECONNAISSANCE AIRCRAFT
. **VICTOR MK-1 AIRCRAFT**
RT ∞ AIRCRAFT

VIDEO COMMUNICATION

GS TELECOMMUNICATION
. **VIDEO COMMUNICATION**
RT HIGH DEFINITION TELEVISION
MULTIMEDIA
TELEVISION SYSTEMS
VIDEO SIGNALS

VIDEO COMPRESSION

UF COMPRESSED VIDEO

VIDEO DATA

RT ANALOG DATA
∞ DATA
DATA CONVERTERS
DATA TRANSMISSION
DIGITAL DATA
DISPLAY DEVICES
HIGH DEFINITION TELEVISION
MULTIMEDIA
RADAR DATA
SMEAR
TELECOMMUNICATION
TELEVISION SYSTEMS
VIDEO DISKS
VIDEO SIGNALS

VIDEO DISKS

GS DOCUMENTS
. RECORDS
. **VIDEO DISKS**
RT DATA RECORDERS
DATA RECORDING
DATA STORAGE
DISKS (SHAPES)
MAGNETIC DISKS
MEMORY (COMPUTERS)
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
OPTICAL MEMORY (DATA STORAGE)
PLAYBACKS
VIDEO DATA
VIDEO EQUIPMENT

VIDEO EQUIPMENT

GS **VIDEO EQUIPMENT**
. PICTURE TUBES
. VIDEO TAPE RECORDERS
RT ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
CAMERA TUBES
CATHODE RAY TUBES
COMPENSATORS
DISPLAY DEVICES
FLYING SPOT SCANNERS
MOTION PICTURES
OPTICAL EQUIPMENT
OSCILLOSCOPES
RECORDING HEADS
TELEVISION EQUIPMENT
VIDEO DISKS
VIDICONS

VIDEO LANDMARK ACQUISITION AND TRACKING

GS TRACKING (POSITION)
. **VIDEO LANDMARK ACQUISITION AND TRACKING**
RT AVIONICS
IMAGE CORRELATORS
MAP MATCHING GUIDANCE
SCENE ANALYSIS
SIGNATURES
TERCOM
TERRAIN ANALYSIS
TRACKING FILTERS

VIDEO SIGNALS

RT SIGNAL PROCESSING
SIGNAL TRANSMISSION
∞ SIGNALS
VIDEO COMMUNICATION
VIDEO DATA

VIDEO TAPE RECORDERS

GS RECORDING INSTRUMENTS
. TAPE RECORDERS
. **VIDEO TAPE RECORDERS**
VIDEO EQUIPMENT
. **VIDEO TAPE RECORDERS**
RT MULTIMEDIA
VIDEO TAPES

VIDEO TAPES

RT AUDIO TAPES
CINEMATOGRAPHY
∞ FILMS
INFORMATION
MAGNETIC TAPES
MOTION PICTURES
MULTIMEDIA
PHOTOGRAPHS
PHOTOGRAPHY
∞ TAPES
VIDEO TAPE RECORDERS
VISUAL AIDS

VIDICONS

GS ELECTRON TUBES
. CAMERA TUBES
. **VIDICONS**
. RETURN BEAM VIDICONS
. THERMIONS
RT ADVANCED VIDICON CAMERA SYSTEM
(AVCS)
FIBER OPTICS
PIXELS
VIDEO EQUIPMENT

VIETNAM

UF NORTH VIETNAM
REPUBLIC OF VIETNAM
SOUTH VIETNAM
GS NATIONS
. **VIETNAM**
RT ASIA
SOUTHEAST ASIA

VIEW EFFECTS

SN (LIMITED TO EFFECTS OF CHANGE IN
ANGULAR SIZE OF FIELD OF VIEW
UPON RECEPTORS OF RADIATION)
RT ANGULAR CORRELATION
∞ EFFECTS
RADIANT FLUX DENSITY
RADIATION MEASURING INSTRUMENTS
RADIATIVE HEAT TRANSFER
VIEWING

VIEWING

GS **VIEWING**
. FIELD OF VIEW
RT DISPLAY DEVICES
PERISCOPES
VIEW EFFECTS
VISIBILITY
VISION

VIGILANTE AIRCRAFT

USE A-5 AIRCRAFT

VIGNETTING

RT DEFECTS
FOCUSING
LENSES

VIKING LANDER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. MARS PROBES
. VIKING SPACECRAFT
. **VIKING LANDER SPACECRAFT**
. VIKING LANDER 1
. VIKING LANDER 2
UNMANNED SPACECRAFT
. SPACE PROBES
. MARS PROBES
. VIKING SPACECRAFT
. **VIKING LANDER SPACECRAFT**
. VIKING LANDER 1
. VIKING LANDER 2
RT INTERPLANETARY TRAJECTORIES

VIKING LANDER SPACECRAFT--(cont.)
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING LANDER 1

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 RT INTERPLANETARY TRAJECTORIES
 MARS SURFACE SAMPLES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING LANDER 2

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 RT INTERPLANETARY TRAJECTORIES
 MARS SURFACE SAMPLES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING MARS PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . . VIKING MARS PROGRAM
 . SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . . VIKING MARS PROGRAM
 RT SPACE EXPLORATION
 VIKING SPACECRAFT

VIKING ORBITER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 1975
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 1975
 RT INTERPLANETARY TRAJECTORIES
 PLANETARY ORBITS
 SPACE EXPLORATION
 SPACE FLIGHT
 ∞SPACECRAFT

VIKING ORBITER 1

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 1
 . . VIKING 1 SPACECRAFT
 . . VIKING ORBITER 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 1
 . . VIKING 1 SPACECRAFT
 . . VIKING ORBITER 1

VIKING ORBITER 1--(cont.)

RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 ∞SPACECRAFT

VIKING ORBITER 2

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 2
 . . VIKING 2 SPACECRAFT
 . . VIKING ORBITER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 2
 . . VIKING 2 SPACECRAFT
 . . VIKING ORBITER 2
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
 ∞SPACECRAFT

VIKING ORBITER 1975

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 1975
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 1975

VIKING ROCKET VEHICLE

GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . VIKING ROCKET VEHICLE
 RT LIQUID PROPELLANT ROCKET ENGINES
 SOUNDING ROCKETS
 VANGUARD 2 LAUNCH VEHICLE

VIKING SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . . VIKING LANDER 1
 . . VIKING LANDER 2
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 1
 . . VIKING ORBITER 2
 . . VIKING ORBITER 1975
 . VIKING 1 SPACECRAFT
 . VIKING LANDER 1
 . VIKING ORBITER 1
 . VIKING 2 SPACECRAFT
 . VIKING LANDER 2
 . VIKING ORBITER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . . VIKING LANDER 1
 . . VIKING LANDER 2
 . VIKING ORBITER SPACECRAFT
 . . VIKING ORBITER 1
 . . VIKING ORBITER 2
 . . VIKING ORBITER 1975
 . VIKING 1 SPACECRAFT
 . VIKING LANDER 1
 . VIKING ORBITER 1
 . VIKING 2 SPACECRAFT
 . VIKING LANDER 2
 . VIKING ORBITER 2
 RT VIKING MARS PROGRAM

VIKING 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . . VIKING 1 SPACECRAFT
 . . VIKING LANDER 1
 . . VIKING ORBITER 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT

VIKING 1 SPACECRAFT--(cont.)

. . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING ORBITER 1
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING SPACECRAFT
 . . VIKING 2 SPACECRAFT
 . . VIKING LANDER 2
 . . VIKING ORBITER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . VIKING SPACECRAFT
 . . VIKING 2 SPACECRAFT
 . . VIKING LANDER 2
 . . VIKING ORBITER 2
 RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING 1975 ENTRY VEHICLE

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . VIKING 1975 ENTRY VEHICLE
 RT MARS LANDING
 SOFT LANDING

VINEYARDS

RT AGRICULTURE
 BLIGHT
 BOTANY
 CROP GROWTH
 CROP VIGOR
 ∞CROPS
 EARTH RESOURCES
 FARM CROPS
 ∞FOOD
 IRRIGATION
 PLANTS (BOTANY)
 WINES

VINTI THEORY

GS PERTURBATION THEORY
 . VINTI THEORY
 RT GEODESY
 ORBIT PERTURBATION
 ∞THEORIES

VINYL COPOLYMERS

GS COPOLYMERS
 . VINYL COPOLYMERS
 PLASTICS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . VINYL COPOLYMERS
 RESINS
 . SYNTHETIC RESINS
 . . ADDITION RESINS
 . . VINYL COPOLYMERS
 VINYL POLYMERS
 . VINYL COPOLYMERS
 RT ADDITIVES
 COPOLYMERIZATION
 ∞POLYMERS

VINYL CYANIDE

USE ACRYLONITRILES

VINYL ETHYLENE

USE BUTADIENE

VINYL POLYMERS

GS VINYL POLYMERS
 . POLYVINYL FLUORIDE
 . VINYL COPOLYMERS
 RT ∞POLYMERS
 POLYVINYL ALCOHOL
 POLYVINYL CHLORIDE

VINYL RADICAL

GS RADICALS
 . VINYL RADICAL
 RT FREE RADICALS

VINYLDIENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . ALIPHATIC HYDROCARBONS

VINYLDENE--(cont.)
 . . . ALKENES
 . . . ETHYLENE
 . . . VINYLDENE

VIOLENCE
 GS **VIOLENCE**
 . . . ATTACKING (ASSAULTING)
 RT CRIME
 DISORDERS
 POLICE
 WARFARE

VIRAL DISEASES
 SN (EXCLUDES PLANT DISEASES)
 GS DISEASES
 . . . INFECTIOUS DISEASES
 . . . **VIRAL DISEASES**
 . . . ACQUIRED IMMUNODEFICIENCY SYNDROME
 . . . INFLUENZA
 . . . POLIOMYELITIS
 . . . SMALLPOX
 RT ENCEPHALITIS
 HEPATITIS
 HUMAN IMMUNODEFICIENCY VIRUS
 MENINGITIS
 PNEUMONIA
 VIRUSES

VIRGIN ISLANDS
 GS LANDFORMS
 . ISLANDS
 . . WEST INDIES
 . . . **VIRGIN ISLANDS**
 RT ARCHIPELAGOES
 CARIBBEAN REGION
 CARIBBEAN SEA
 TROPICAL REGIONS
 UNITED STATES

VIRGINIA
 GS NATIONS
 . UNITED STATES
 . . **VIRGINIA**
 RT ALLEGHENY PLATEAU (US)
 ASSATEAGUE ISLAND (MD-VA)
 CHESAPEAKE BAY (US)
 DELMARVA PENINSULA (DE-MD-VA)
 POTOMAC RIVER VALLEY (MD-VA-WV)
 SHENANDOAH VALLEY (VA)
 WALLOWPS ISLAND

VIRGO GALACTIC CLUSTER
 UF VIRGO STAR CLUSTER
 GS CELESTIAL BODIES
 . GALAXIES
 . . GALACTIC CLUSTERS
 . . . **VIRGO GALACTIC CLUSTER**
 RT AGGLOMERATION
 BARRED GALAXIES
 ∞ CLUSTERS
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 LOCAL GROUP (ASTRONOMY)
 SPIRAL GALAXIES
 STAR CLUSTERS
 STAR DISTRIBUTION
 STARS

VIRGO STAR CLUSTER
 USE VIRGO GALACTIC CLUSTER

VIRIAL COEFFICIENTS
 GS COEFFICIENTS
 . **VIRIAL COEFFICIENTS**
 RT EQUATIONS OF STATE
 INTERMOLECULAR FORCES
 VIRIAL THEOREM

VIRIAL THEOREM
 GS THEOREMS
 . **VIRIAL THEOREM**
 RT KINETIC ENERGY
 KINETIC EQUATIONS
 ∞ MECHANICS (PHYSICS)
 MISSING MASS (ASTROPHYSICS)
 VIRIAL COEFFICIENTS

VIRTUAL MEMORY SYSTEMS
 RT COMPUTER SYSTEMS DESIGN
 DATA MANAGEMENT
 DATA STORAGE
 MAGNETIC STORAGE

VIRTUAL PROPERTIES
 RT ACCURACY
 ∞ PHYSICAL PROPERTIES
 ∞ PROPERTIES

VIRTUAL REALITY
 UF VR (VIRTUAL REALITY)
 RT COCKPIT SIMULATORS
 COMPUTERIZED SIMULATION
 ENVIRONMENT SIMULATION
 FLIGHT SIMULATION
 MAN MACHINE SYSTEMS
 MAN-COMPUTER INTERFACE
 MOTION SIMULATION
 SIMULATION
 SPACE ENVIRONMENT SIMULATION
 TRAINING SIMULATORS

VIRULENCE
 RT HUMAN IMMUNODEFICIENCY VIRUS
 MICROORGANISMS
 TOXICITY
 VIRUSES

VIRUSES
 GS MICROORGANISMS
 . **VIRUSES**
 . . ADENOVIRUSES
 . . BACTERIOPHAGES
 . . HUMAN IMMUNODEFICIENCY VIRUS
 RT ∞ BLISTERS
 INTERFERON
 PROTOBIOLOGY
 VIRAL DISEASES
 VIRULENCE

VISCERA
 SN (FOR SPECIFIC ORGANS SEE ANATOMY)
 GS ORGANS
 . **VISCERA**
 RT ABDOMEN
 ANATOMY
 PERITONEUM
 THORAX

VISCOELASTIC CYLINDERS
 RT ∞ CYLINDERS
 CYLINDRICAL BODIES
 CYLINDRICAL SHELLS

VISCOELASTIC DAMPING
 GS DAMPING
 . ELASTIC DAMPING
 . . **VISCOELASTIC DAMPING**
 . . VISCOUS DAMPING
 . . **VISCOELASTIC DAMPING**
 ELASTODYNAMICS
 . ELASTIC DAMPING
 . . **VISCOELASTIC DAMPING**

VISCOELASTIC FLOW
 USE VISCOELASTICITY

VISCOELASTICITY
 UF VISCOELASTIC FLOW
 GS MECHANICAL PROPERTIES
 . ELASTIC PROPERTIES
 . . **VISCOELASTICITY**
 . . . PHOTOVISCOELASTICITY
 . . . THERMOVISCOELASTICITY
 RT HYDROELASTICITY
 HYSTERESIS
 MAXWELL FLUIDS
 NONNEWTONIAN FLOW
 NONNEWTONIAN FLUIDS
 PLASTIC FLOW
 RELAXATION (MECHANICS)
 SQUEEZE FILMS
 VISCOPLASTICITY
 VISCOUS DAMPING

VISCOMETERS
 GS MEASURING INSTRUMENTS
 . **VISCOMETERS**
 RT ROTATING CYLINDERS
 VISCOMETRY
 VISCOSITY

VISCOMETRY
 RT ROTATING CYLINDERS
 VISCOMETERS
 VISCOSITY
 VISCOUS DRAG
 VISCOUS FLOW

VISCOPLASTIC FLOW
 USE VISCOPLASTICITY

VISCOPLASTICITY
 UF VISCOPLASTIC FLOW
 GS MECHANICAL PROPERTIES
 . PLASTIC PROPERTIES
 . . **VISCOPLASTICITY**
 RT HYSTERESIS
 NONNEWTONIAN FLOW
 NONNEWTONIAN FLUIDS
 PLASTIC ANISOTROPY
 PLASTIC FLOW
 RELAXATION (MECHANICS)
 VISCOELASTICITY
 VISCOUS DAMPING

VISCOPUMPS
 GS PUMPS
 . **VISCOPUMPS**
 RT VISCOUS FLOW

VISCOSITY
 GS TRANSPORT PROPERTIES
 . **VISCOSITY**
 . . EDDY VISCOSITY
 . . GAS VISCOSITY
 RT DENSITY (MASS/VOLUME)
 FLOW CHARACTERISTICS
 FLOW RESISTANCE
 INTERNAL FRICTION
 LOW REYNOLDS NUMBER
 ∞ MOTION
 ∞ PHYSICAL PROPERTIES
 RHEOLOGY
 SIMILITUDE LAW
 SOLUBILITY
 STOKES LAW (FLUID MECHANICS)
 SUPERFLUIDITY
 SURFACE PROPERTIES
 THERMAL DIFFUSION
 THERMAL DIFFUSIVITY
 THIXOTROPY
 VISCOMETERS
 VISCOMETRY
 VISCOUS FLOW

VISCOUNT AIRCRAFT
 GS BAC AIRCRAFT
 . **VISCOUNT AIRCRAFT**
 JET AIRCRAFT
 . TURBOPROP AIRCRAFT
 . . **VISCOUNT AIRCRAFT**
 MONOPLANES
 . **VISCOUNT AIRCRAFT**
 PASSENGER AIRCRAFT
 . **VISCOUNT AIRCRAFT**
 TRANSPORT AIRCRAFT
 . **VISCOUNT AIRCRAFT**
 RT ∞ AIRCRAFT

VISCOUS DAMPING
 GS DAMPING
 . **VISCOUS DAMPING**
 . . VISCOELASTIC DAMPING
 RT ELASTIC DAMPING
 RESONANCE TESTING
 VISCOELASTICITY
 VISCOPLASTICITY

VISCOUS DRAG
 GS DYNAMIC CHARACTERISTICS
 . DRAG
 . . FRICTION DRAG
 . . . **VISCOUS DRAG**
 FRICTION
 . FLOW RESISTANCE
 . . FRICTION DRAG
 . . . **VISCOUS DRAG**
 SKIN FRICTION
 . . FRICTION DRAG
 . . . **VISCOUS DRAG**
 RT EDDY VISCOSITY
 HARTMANN NUMBER
 LAMINAR FLOW
 TURBULENT FLOW
 VISCOMETRY

VISCOUS FLOW
 GS FLUID FLOW
 . **VISCOUS FLOW**
 . . BOUNDARY LAYER FLOW
 . . . REATTACHED FLOW
 . . . SECONDARY FLOW
 . . . SEPARATED FLOW

VISCOUS FLOW--(cont.)

... BOUNDARY LAYER SEPARATION
... COUETTE FLOW
... KARMAN-BODEWADT FLOW
... STOKES FLOW
RT AERODYNAMICS
BAROTROPIC FLOW
EDDY VISCOSITY
∞ FLOW
FLOW CHARACTERISTICS
GAS FLOW
INVISCID FLOW
KNUDSEN FLOW
LAMINAR FLOW
MAGNETOHYDRODYNAMIC SHEAR
HEATING
MAXWELL FLUIDS
MILNE-THOMSON METHOD
NAVIER-STOKES EQUATION
POHLHAUSEN METHOD
PRANDTL NUMBER
REYNOLDS NUMBER
TURBULENT FLOW
VISCOMETRY
VISCOPUMPS
VISCOSITY
WEDGE FLOW

VISCOUS FLUIDS

RT FLOW STABILITY
∞ FLUIDS
MAXWELL FLUIDS
NAVIER-STOKES EQUATION
NEWTONIAN FLUIDS
NONNEWTONIAN FLUIDS
OSEEN APPROXIMATION
SEMISOLIDS
SQUEEZE FILMS
WEIGHTLESS FLUIDS

VISIBILITY

UF INVISIBILITY
GS **VISIBILITY**
... LOW VISIBILITY
RT APPEARANCE
BRIGHTNESS
CEILINGS (METEOROLOGY)
CHARACTER RECOGNITION
COLOR
CONTRAST
DARKENING
FOG
GLARE
HAZE
HUMAN FACTORS ENGINEERING
ILLUMINANCE
IMAGE CONTRAST
LEGIBILITY
LIGHT (VISIBLE RADIATION)
LIGHT TRANSMISSION
LUMINESCENCE
LUMINOSITY
NIGHT FLIGHTS (AIRCRAFT)
OPACITY
OPTICAL PROPERTIES
PERCEPTION
RADIANCE
READING
RESOLUTION
RETINAL ADAPTATION
SENSITIVITY
SMOKE
SYMBOLS
TRANSMISSIVITY
VIEWING
VISION
VISUAL CONTROL
WHITEOUT

VISIBLE INFRARED SPIN SCAN RADIOMETER

RT ATMOSPHERIC SOUNDING
INFRARED RADIOMETERS
SATELLITE SOUNDING
SATELLITE-BORNE INSTRUMENTS

VISIBLE RADIATION

USE LIGHT (VISIBLE RADIATION)

VISIBLE SPECTRUM

GS SPECTRA
... RADIATION SPECTRA
... ELECTROMAGNETIC SPECTRA
... **VISIBLE SPECTRUM**
RT ∞ ABSORPTION
ABSORPTION SPECTRA

VISIBLE SPECTRUM--(cont.)

ASTRONOMICAL SPECTROSCOPY
AURORAL SPECTROSCOPY
CATHODOLUMINESCENCE
EMISSION SPECTRA
GAS SPECTROSCOPY
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
SPECTRAL BANDS
SPECTROSCOPY
STELLAR SPECTRA

VISION

UF MACULAR VISION
GS **VISION**
... BINOCULAR VISION
... COLOR VISION
... MONOCULAR VISION
... NIGHT VISION
... PERIPHERAL VISION
... STEREOSCOPIC VISION
RT ADAPTATION
ANASTIGMATISM
BLINDNESS
BRIGHTNESS
CHOROID MEMBRANES
COLOR
CONJUNCTIVA
CONTRAST
CORNEA
DARK ADAPTATION
EYE (ANATOMY)
EYE DOMINANCE
FLASH BLINDNESS
GLARE
HETEROPIORIA
HUMAN FACTORS ENGINEERING
HYPEROPIA
ILLUSIONS
IMAGES
LEGIBILITY
LIGHT ADAPTATION
MIOSIS
MYOPIA
OCULOMOTOR NERVES
OPHTHALMODYNAMOMETRY
OPTOMETRY
PERCEPTION
PHOSPHENE
PRESBYOPIA
PUPILS
RESOLUTION
RETINA
RETINAL ADAPTATION
RETINAL IMAGES
THRESHOLDS (PERCEPTION)
VIEWING
VISIBILITY
VISUAL ACUITY

VISORS

RT EYE PROTECTION
RADIATION PROTECTION
SUNGLASSES

VISUAL ACCOMMODATION

RT ACCOMMODATION

VISUAL ACUITY

GS ACUITY
... **VISUAL ACUITY**
... HYPEROPIA
RT PERIPHERAL VISION
SNELLEN TESTS
VISION

VISUAL AIDS

RT ∞ AIDS
AUDIO VISUAL MATERIAL
CHARTS
DIAGRAMS
DISPLAY DEVICES
DRAWINGS
MULTIMEDIA
PHOTOGRAPHS
TRAINING DEVICES
VIDEO TAPES

VISUAL CONTROL

GS MANUAL CONTROL
... **VISUAL CONTROL**
RT AIRCRAFT CONTROL
APPROACH CONTROL

VISUAL CONTROL--(cont.)

ATTITUDE CONTROL
∞ CONTROL
DISPLAY DEVICES
GUIDANCE (MOTION)
MISSILE CONTROL
REMOTE CONTROL
RUNWAY LIGHTS
SERVOCONTROL
SPACECRAFT CONTROL
VISIBILITY

VISUAL DISCRIMINATION

GS DISCRIMINATION
... SENSORY DISCRIMINATION
... **VISUAL DISCRIMINATION**
PERCEPTION
... SENSORY PERCEPTION
... VISUAL PERCEPTION
... **VISUAL DISCRIMINATION**
RT ∞ RECOVERY

VISUAL DISPLAYS

USE DISPLAY DEVICES

VISUAL FIELDS

RT FIELD OF VIEW
∞ FIELDS
PERIPHERAL VISION
RETINA
RETINAL IMAGES
SACCADIC EYE MOVEMENTS
SPACE PERCEPTION

VISUAL FLIGHT

RT AIR NAVIGATION
COLLISION AVOIDANCE
∞ FLIGHT
FLIGHT CONDITIONS
FLIGHT PATHS
FLIGHT SAFETY
LANDING
WHITEOUT

VISUAL FLIGHT RULES

UF VFR (RULES)
GS RULES
... FLIGHT RULES
... **VISUAL FLIGHT RULES**

VISUAL OBSERVATION

GS OBSERVATION
... **VISUAL OBSERVATION**
RT COMPANION STARS
SEEING (ASTRONOMY)
SPACE OBSERVATIONS (FROM EARTH)

VISUAL PERCEPTION

UF SIGHT
GS PERCEPTION
... SENSORY PERCEPTION
... **VISUAL PERCEPTION**
... CRITICAL FLICKER FUSION
... SPACE PERCEPTION
... AUTOKINESIS
... VISUAL DISCRIMINATION
RT AFTERIMAGES
BLINKING
BRIGHTNESS DISCRIMINATION
ELEVATOR ILLUSION
MOTION PERCEPTION
∞ ORIENTATION
PERCEPTUAL ERRORS
∞ SPACE ORIENTATION
TACHISTOSCOPES
THRESHOLDS (PERCEPTION)
VISUAL TASKS

VISUAL PHOTOMETRY

GS OPTICAL MEASUREMENT
... PHOTOMETRY
... **VISUAL PHOTOMETRY**

VISUAL PIGMENTS

GS PIGMENTS
... **VISUAL PIGMENTS**
RT DARK ADAPTATION
PHOTORECEPTORS
PHOTOSENSITIVITY
RETINA

VISUAL SIGNALS

RT BEACONS
CUES

VISUAL SIGNALS--(cont.)
 LUMINAIRES
 OPTICAL COMMUNICATION
 ∞ SIGNALS

VISUAL STIMULI
 RT PERCEPTUAL ERRORS
 ∞ SIGNALS
 ∞ STIMULI
 VISUAL TASKS

VISUAL TASKS
 GS TASKS
 . **VISUAL TASKS**
 RT EYE MOVEMENTS
 HUMAN PERFORMANCE
 VISUAL PERCEPTION
 VISUAL STIMULI

VISUAL TRACKING
 USE OPTICAL TRACKING

VISUALIZATION OF FLOW
 USE FLOW VISUALIZATION

VITAMIN A
 USE RETINENE

VITAMIN B
 USE THIAMINE

VITAMIN B COMPLEX
 USE BIOTIN

VITAMIN B 2
 USE RIBOFLAVIN

VITAMIN B 6
 USE PYRIDOXINE

VITAMIN B 12
 USE CYANOCOBALAMIN

VITAMIN C
 USE ASCORBIC ACID

VITAMIN D
 USE CALCIFEROL

VITAMIN E
 USE TOCOPHEROL

VITAMIN G
 USE RIBOFLAVIN

VITAMIN K
 USE PHYLLIOQUINONE

VITAMIN M
 USE FOLIC ACID

VITAMIN P
 USE BIOFLAVONOIDS

VITAMINS
 GS **VITAMINS**
 . ASCORBIC ACID
 . BIOFLAVONOIDS
 . BIOTIN
 . CALCIFEROL
 . CARNITINE
 . CYANOCOBALAMIN
 . FOLIC ACID
 . NICOTINAMIDE
 . NICOTINIC ACID
 . PHYLLIOQUINONE
 . PYRIDOXINE
 . RETINENE
 . RIBOFLAVIN
 . THIAMINE
 . TOCOPHEROL
 RT ASCORBIC ACID METABOLISM
 CHOLINE
 DRUGS
 ∞ FOOD
 ∞ NUTRIENTS

VITERBI DECODERS
 GS DECODERS
 . **VITERBI DECODERS**
 RT CODING
 DECODING
 SIGNAL ENCODING

VITERBI DECODERS--(cont.)
 SIGNAL PROCESSING

VITON RUBBER (TRADEMARK)
 GS COPOLYMERS
 . **VITON RUBBER (TRADEMARK)**
 RUBBER
 . SYNTHETIC RUBBERS
 . ELASTOMERS
 . . . **VITON RUBBER (TRADEMARK)**
 RT FLUOROHYDROCARBONS

VITREOUS MATERIALS
 RT FRIT
 GLASS
 ∞ INORGANIC MATERIALS
 ∞ MATERIALS
 METALLIC GLASSES
 PORCELAIN
 VITRIFICATION

VITRIFICATION
 RT CERAMICS
 GLASS
 PORCELAIN
 SOLIDIFICATION
 VITREOUS MATERIALS

VJ-101 AIRCRAFT
 UF SUD VJ-101 AIRCRAFT
 GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . **VJ-101 AIRCRAFT**
 JET AIRCRAFT
 . **VJ-101 AIRCRAFT**
 MONOPLANES
 . **VJ-101 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **VJ-101 AIRCRAFT**
 SUD AVIATION AIRCRAFT
 . **VJ-101 AIRCRAFT**
 SUPERSONIC AIRCRAFT
 . **VJ-101 AIRCRAFT**
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . **VJ-101 AIRCRAFT**
 RT ∞ AIRCRAFT

VLASOV EQUATIONS
 GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . PARTIAL DIFFERENTIAL EQUATIONS
 **VLASOV EQUATIONS**
 RT ∞ EQUATIONS
 STABILITY

VLBI
 USE VERY LONG BASE INTERFEROMETRY

VLF EMISSION RECORDERS
 RT ATMOSPHERIC RADIATION
 ATMOSPHERICS
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 PLANETARY RADIATION
 ∞ RECORDERS
 RECORDING INSTRUMENTS

VLSI
 USE VERY LARGE SCALE INTEGRATION

VOCAL CORDS
 GS ANATOMY
 . RESPIRATORY SYSTEM
 . LARYNX
 . . **VOCAL CORDS**
 RT GLOTTIS

VOCODERS
 RT BANDPASS FILTERS
 COMPUTERS
 DIGITAL TO VOICE TRANSLATORS
 FREQUENCY MODULATION
 MESSAGES
 RADIO COMMUNICATION
 SCRAMBLING (COMMUNICATION)
 SIGNAL RECEPTION
 SPEECH BASEBAND COMPRESSION
 VOICE COMMUNICATION
 VOICE DATA PROCESSING

VOICE
 GS SOUND PROPAGATION

VOICE--(cont.)
 . **VOICE**
 RT AUDIO FREQUENCIES
 SPEECH
 TONGUE

VOICE COMMUNICATION
 GS TELECOMMUNICATION
 . **VOICE COMMUNICATION**
 . . TELEPHONY
 RT ACOUSTICS
 CONVERSATION
 ECHO SUPPRESSORS
 GROUND-AIR-GROUND COMMUNICATION
 MULTIMEDIA
 RADIO COMMUNICATION
 RADIOTELEPHONES
 REENTRY COMMUNICATION
 SCRAMBLING (COMMUNICATION)
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 SPEECH
 SPEECH BASEBAND COMPRESSION
 VERBAL COMMUNICATION
 VOCODERS
 VOICE CONTROL
 VOICE DATA PROCESSING
 WIRELESS COMMUNICATION
 WORDS (LANGUAGE)

VOICE CONTROL
 SN (DEVICE OPERATION BY VOICE)
 RT BIOENGINEERING
 ∞ CONTROL
 ROBOTICS
 ROBOTS
 SPEECH RECOGNITION
 VOICE COMMUNICATION
 VOICE DATA PROCESSING

VOICE DATA PROCESSING
 GS DATA PROCESSING
 . **VOICE DATA PROCESSING**
 . . CEPSTRAL ANALYSIS
 RT ARTIFICIAL INTELLIGENCE
 ∞ DATA
 DIGITAL TO VOICE TRANSLATORS
 SIGNAL ENCODING
 SINGLE CHANNEL PER CARRIER
 TRANSMISSION
 VECTOR QUANTIZATION
 VERBAL COMMUNICATION
 VOCODERS
 VOICE COMMUNICATION
 VOICE CONTROL

VOICE OF AMERICA
 RT BROADCASTING
 RADIO TRANSMISSION

VOID RATIO
 UF COMPACTNESS
 GS RATIOS
 . **VOID RATIO**
 RT ∞ CONDUCTIVITY
 DENSITY (MASS/VOLUME)
 FREE FLOW
 HOLE DISTRIBUTION (MECHANICS)
 PACKING DENSITY
 PERMEABILITY
 POROSITY
 REACTOR CORES
 SURFACE PROPERTIES
 VOIDS

VOIDS
 RT BUOYANCY
 CAVITIES
 CRACK GEOMETRY
 CRACK OPENING DISPLACEMENT
 DEFECTS
 INCLUSIONS
 INFILTRATION
 INTERSTICES
 PERCOLATION
 PERMEABILITY
 POROSITY
 VOID RATIO

VOIGT EFFECT
 RT BIREFRINGENCE
 ∞ EFFECTS
 OPTICAL PATHS
 REFRACTION

VOIGT EFFECT--(cont.)
 ZEEMAN EFFECT

VOLATILITY

GS THERMODYNAMIC PROPERTIES
 . THERMOPHYSICAL PROPERTIES
 . . **VOLATILITY**
 RT COAL GASIFICATION
 EVAPORATION
 FLASH POINT
 PREVAPORIZATION
 VAPOR PHASES
 VAPOR PRESSURE
 VAPORIZING

VOLATILIZATION

USE VAPORIZING

VOLCANICS

USE VOLCANOLOGY

VOLCANOES

UF ACTIVE VOLCANOES
 GS GEOLOGY
 . **VOLCANOES**
 . . MARS VOLCANOES
 LANDFORMS
 . **VOLCANOES**
 . . MARS VOLCANOES
 RT BASALT
 CALDERAS
 CONES (VOLCANOES)
 EFFUSIVES
 GEOMORPHOLOGY
 GEOTHERMAL RESOURCES
 LAVA
 MOUNTAINS
 OROGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ROUSE BELTS
 VOLCANOLOGY

VOLCANOLOGY

UF VOLCANICS
 GS GEOLOGY
 . **VOLCANOLOGY**
 RT BASALT
 CALDERAS
 CONES (VOLCANOES)
 EFFUSIVES
 GEOMORPHOLOGY
 LAVA
 MARS VOLCANOES
 MOUNTAINS
 OROGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ROUSE BELTS
 VOLCANOES

VOLT-AMPERE CHARACTERISTICS

RT CAPACITANCE-VOLTAGE
 CHARACTERISTICS
 . CHARACTERISTICS
 . . ELECTRIC CURRENT
 ELECTRIC POTENTIAL
 . . ELECTRONICS
 LINEAR CIRCUITS
 OHMS LAW
 OPEN CIRCUIT VOLTAGE
 OPTOGALVANIC SPECTROSCOPY
 PROXIMITY EFFECT (ELECTRICITY)
 QUANTUM EFFICIENCY
 SHORT CIRCUIT CURRENTS
 THRESHOLD VOLTAGE
 TRANSCONDUCTANCE
 VOLTAGE AMPLIFIERS

VOLTAGE

USE ELECTRIC POTENTIAL

VOLTAGE AMPLIFIERS

GS AMPLIFIERS
 . **VOLTAGE AMPLIFIERS**
 RT CURRENT AMPLIFIERS
 FEEDBACK AMPLIFIERS
 MAGNETIC AMPLIFIERS
 PREAMPLIFIERS
 VOLT-AMPERE CHARACTERISTICS

VOLTAGE BREAKDOWN

USE ELECTRICAL FAULTS

VOLTAGE CONTROLLED OSCILLATORS

UF VCO
 GS OSCILLATORS
 . **VOLTAGE CONTROLLED OSCILLATORS**
 RT CIRCUITS
 ELECTRIC CONTROL
 ELECTRIC NETWORKS
 FREQUENCY MODULATION
 FREQUENCY STABILITY
 MICROWAVE OSCILLATORS
 VOLTAGE REGULATORS

VOLTAGE CONVERTERS (AC TO AC)

GS TRANSFORMERS
 . **VOLTAGE CONVERTERS (AC TO AC)**
 RT ALTERNATING CURRENT
 AUXILIARY POWER SOURCES
 . CONVERTERS
 . . ELECTRIC EQUIPMENT
 . . ELECTRIC POWER
 . . POWER SUPPLIES

VOLTAGE CONVERTERS (DC TO DC)

RT AUXILIARY POWER SOURCES
 . CONVERTERS
 . . DIRECT CURRENT
 ELECTRIC BATTERIES
 . . ELECTRIC EQUIPMENT
 . . ELECTRIC POWER
 . . POWER SUPPLIES
 POWER SUPPLY CIRCUITS

VOLTAGE GENERATORS

RT ARC GENERATORS
 ELECTROSTATIC GENERATORS
 FUNCTION GENERATORS
 . GENERATORS
 . . SIGNAL GENERATORS

VOLTAGE MEASUREMENT

USE ELECTRICAL MEASUREMENT

VOLTAGE REGULATORS

GS REGULATORS
 . **VOLTAGE REGULATORS**
 RT AVALANCHE DIODES
 CIRCUIT PROTECTION
 CONTROLLERS
 CURRENT REGULATORS
 ELECTRIC SWITCHES
 ELECTRONIC CONTROL
 POWER FACTOR CONTROLLERS
 POWER SUPPLY CIRCUITS
 SWITCHING CIRCUITS
 TRANSFORMERS
 TRANSMISSION LOSS
 VOLTAGE CONTROLLED OSCILLATORS

VOLTAGE VARIATION INDICATORS

USE VOLTMETERS

VOLTERRA EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS
 . . INTEGRAL EQUATIONS
 . . . **VOLTERRA EQUATIONS**
 RT . EQUATIONS
 . . NONLINEARITY
 . . RADIATION

VOLTMETERS

UF VOLTAGE VARIATION INDICATORS
 GS MEASURING INSTRUMENTS
 . **VOLTMETERS**
 . . MILLIVOLTMETERS
 RT AMMETERS
 COULOMETERS
 ELECTROMETERS
 POTENTIOMETERS (INSTRUMENTS)

VOLUME

GS **VOLUME**
 . BODY VOLUME (BIOLOGY)
 RT AREA
 . CAPACITY
 DIMENSIONS
 FRUSTUMS
 GEOMETRY
 ISOCHORIC PROCESSES
 RATES (PER TIME)
 THICKNESS
 VOLUMETRIC ANALYSIS
 WEIGHT (MASS)

VOLUMETRIC ANALYSIS

GS CHEMICAL TESTS
 . CHEMICAL ANALYSIS
 . . **VOLUMETRIC ANALYSIS**
 RT ANALYTICAL CHEMISTRY
 GAS ANALYSIS
 QUANTITATIVE ANALYSIS
 VOLUME

VOLUMETRIC EFFICIENCY

RT ENERGY CONVERSION EFFICIENCY
 ENGINE DESIGN
 FUEL-AIR RATIO
 LASER OUTPUTS

VOLUMETRIC STRAIN

GS FATIGUE (MATERIALS)
 . **VOLUMETRIC STRAIN**
 RT DEFORMATION
 STRUCTURAL STRAIN
 TEMPERATURE INVERSIONS

VOMITING

RT MOTION SICKNESS
 NAUSEA

VON KARMAN EQUATION

GS FLOW EQUATIONS
 . **VON KARMAN EQUATION**
 RT . EQUATIONS
 FLOW STABILITY
 KARMAN VORTEX STREET
 VORTEX BREAKDOWN
 VORTEX STREETS
 VORTICITY EQUATIONS

VON MISES THEORY

USE STRESS FUNCTIONS

VON ZEIPER METHOD

RT EQUATIONS OF MOTION
 HAMILTONIAN FUNCTIONS
 . METHODOLOGY
 PERTURBATION THEORY

VOODOO AIRCRAFT

USE F-101 AIRCRAFT

VOR SYSTEMS

USE VHF OMNIRANGE NAVIGATION

VORTEX ADVISORY SYSTEM

RT AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRCRAFT WAKES
 . SYSTEMS
 TURBULENT WAKES
 VORTEX ALLEVIATION

VORTEX ALLEVIATION

RT AIRCRAFT WAKES
 DRAG DEVICES
 GUST ALLEVIATORS
 PROTRUBERANCES
 RIBBLETS
 SPOILERS
 VORTEX ADVISORY SYSTEM
 VORTICES
 WAKES
 WINGLETS

VORTEX AVOIDANCE

GS AVOIDANCE
 . **VORTEX AVOIDANCE**
 RT AERODYNAMIC STABILITY
 AIR TRAFFIC CONTROL
 AIRCRAFT APPROACH SPACING
 AIRCRAFT LANDING
 BUFFETING
 GUSTS
 ROTATION
 SAFETY
 TURBULENT FLOW
 VORTICES
 WINGLETS

VORTEX BREAKDOWN

RT FLOW STABILITY
 TURBULENT FLOW
 VON KARMAN EQUATION
 VORTEX FLAPS

VORTEX COLUMNS

USE VORTICES

VORTEX DISTURBANCES
USE VORTICES**VORTEX FILAMENTS**

RT ∞ FILAMENTS
 . FLOW STABILITY
 . FLUID DYNAMICS
 . HORSESHOE VORTICES
 . TURBULENCE
 . VORTEX IN CELL TECHNIQUE
 . VORTICES

VORTEX FLAPS

GS AIRFOILS
 . FLAPS (CONTROL SURFACES)
 . . WING FLAPS
 . . . **VORTEX FLAPS**
 . BRAKES (FOR ARRESTING MOTION)
 . AERODYNAMIC BRAKES
 . . WING FLAPS
 . . . **VORTEX FLAPS**
 . CONTROL SURFACES
 . FLAPS (CONTROL SURFACES)
 . . WING FLAPS
 . . . **VORTEX FLAPS**
 . DRAG DEVICES
 . AERODYNAMIC BRAKES
 . . WING FLAPS
 . . . **VORTEX FLAPS**
 RT AERODYNAMIC DRAG
 . JET FLAPS
 . LEADING EDGE FLAPS
 . LEADING EDGES
 . LIFT AUGMENTATION
 . SEPARATED FLOW
 . TRAILING EDGE FLAPS
 . TRAILING EDGES
 . VORTEX BREAKDOWN
 . VORTICES
 . WING LOADING

VORTEX FLOW

USE VORTICES

VORTEX GENERATION

USE VORTEX GENERATORS

VORTEX GENERATORS

UF VORTEX GENERATION
 RT AIRFOIL FENCES
 . BOUNDARY LAYER CONTROL
 . BOUNDARY LAYER SEPARATION
 ∞ GENERATORS
 . HILSCH TUBES
 . HORSESHOE VORTICES
 . INLET FLOW
 . VORTICES
 . WING SLOTS

VORTEX IN CELL TECHNIQUE

UF VIC METHOD
 GS ANALYSIS (MATHEMATICS)
 . NUMERICAL ANALYSIS
 . . APPROXIMATION
 . . . **VORTEX IN CELL TECHNIQUE**
 RT COMPUTATIONAL FLUID DYNAMICS
 . FAST FOURIER TRANSFORMATIONS
 . FINITE DIFFERENCE THEORY
 ∞ METHODOLOGY
 . PARTICLE IN CELL TECHNIQUE
 . POISSON EQUATION
 . VORTEX FILAMENTS
 . VORTICES

VORTEX INJECTORS

GS INJECTORS
 . **VORTEX INJECTORS**

VORTEX LATTICE METHOD

RT BOUNDARY CONDITIONS
 . COMPUTATIONAL FLUID DYNAMICS
 . FLOW VELOCITY
 . FLUX VECTOR SPLITTING
 . LATTICES (MATHEMATICS)
 . PANEL METHOD (FLUID DYNAMICS)
 . VORTICES

VORTEX PRECESSION

RT FLOW VELOCITY
 . FLOWMETERS
 . PRECESSION
 . VELOCITY MEASUREMENT
 . VORTICES

VORTEX RINGS

RT HORSESHOE VORTICES
 ∞ RINGS
 . TRAPPED VORTICES
 . VORTICES

VORTEX SHEDDING

GS FLUID MECHANICS
 . FLUID DYNAMICS
 . . **VORTEX SHEDDING**
 RT SHEDDING
 . VORTICES

VORTEX SHEETS

RT AIRCRAFT DESIGN
 . FLOW DISTRIBUTION
 . ROTATING FLUIDS
 ∞ SHEETS
 . TURBULENT WAKES
 . VORTICES
 . VORTICITY

VORTEX STREETS

GS **VORTEX STREETS**
 . KARMAN VORTEX STREET
 RT DISCONTINUITY
 ∞ SHEETS
 . TURBULENT WAKES
 . VON KARMAN EQUATION
 . VORTICES

VORTEX TRAPS

USE TRAPPED VORTICES

VORTEX TUBES

USE HILSCH TUBES
 . VORTICES

VORTEX-BLADE INTERACTION

USE BLADE-VORTEX INTERACTION

VORTICES

UF EDDIES
 . ROTATIONAL FLOW
 . VORTEX COLUMNS
 . VORTEX DISTURBANCES
 . VORTEX FLOW
 . VORTEX TUBES
 GS **VORTICES**
 . HORSESHOE VORTICES
 . TRAPPED VORTICES
 . WING TIP VORTICES
 RT ABRIKOSOV THEORY
 . AGITATION
 . BLADE-VORTEX INTERACTION
 . CAVITATION FLOW
 . COUNTERFLOW
 ∞ DISTURBANCES
 . DIVERGENCE
 . FLOW DISTORTION
 . FLOW STABILITY
 . FLUID FLOW
 . GOERTLER INSTABILITY
 . HILSCH TUBES
 . KOLMOGOROV THEORY
 . METEOROLOGICAL SOLENOIDS
 . MIXING
 . PLANETARY WAVES
 . RECIRCULATIVE FLUID FLOW
 . ROTATING FLUIDS
 . ROTATING LIQUIDS
 . ROTATION
 . SECONDARY FLOW
 . STROUHAL NUMBER
 . SUPERCONDUCTIVITY
 . SUPERFLUIDITY
 . THRUST DISTRIBUTION
 . TURBULENCE
 . TURBULENT FLOW
 . TURBULENT MIXING
 . VORTEX ALLEVIATION
 . VORTEX AVOIDANCE
 . VORTEX FILAMENTS
 . VORTEX FLAPS
 . VORTEX GENERATORS
 . VORTEX IN CELL TECHNIQUE
 . VORTEX LATTICE METHOD
 . VORTEX PRECESSION
 . VORTEX RINGS
 . VORTEX SHEDDING
 . VORTEX SHEETS
 . VORTEX STREETS
 . VORTICITY
 . WAKES

VORTICITY

UF ENSTROPY
 GS ALGEBRA
 . VECTOR SPACES
 . . VECTORS (MATHEMATICS)
 . . . **VORTICITY**
 . ANALYSIS (MATHEMATICS)
 . . CALCULUS
 . . VECTOR ANALYSIS
 . . . CURL (VECTORS)
 **VORTICITY**
 . . REAL VARIABLES
 . . VECTOR ANALYSIS
 . . . CURL (VECTORS)
 **VORTICITY**
 . GEOMETRY
 . VECTOR ANALYSIS
 . . CURL (VECTORS)
 . . . **VORTICITY**
 RT ATMOSPHERIC CIRCULATION
 . BELTRAMI FLOW
 . CROCCO METHOD
 . FLOW STABILITY
 . HELMHOLTZ VORTICITY EQUATION
 . HORSESHOE VORTICES
 . POTENTIAL FLOW
 . SECONDARY FLOW
 . TRAPPED VORTICES
 . TURBULENCE
 . VORTEX SHEETS
 . VORTICES

VORTICITY EQUATIONS

GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . DIFFERENTIAL EQUATIONS
 . . . **VORTICITY EQUATIONS**
 HELMHOLTZ VORTICITY EQUATION
 . FLOW EQUATIONS
 . **VORTICITY EQUATIONS**
 . . HELMHOLTZ VORTICITY EQUATION
 RT ∞ EQUATIONS
 . KARMAN VORTEX STREET
 . VON KARMAN EQUATION

VORTICITY TRANSPORT HYPOTHESIS

GS HYPOTHESES
 . **VORTICITY TRANSPORT HYPOTHESIS**
 RT CONSERVATION EQUATIONS
 . EDDY CURRENTS
 . MIXING LENGTH FLOW THEORY
 . TURBULENT FLOW

VOSKHOD MANNED SPACECRAFT

GS MANNED SPACECRAFT
 . **VOSKHOD MANNED SPACECRAFT**
 . . VOSKHOD 1 SPACECRAFT
 . . VOSKHOD 2 SPACECRAFT
 . REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . **VOSKHOD MANNED SPACECRAFT**
 . . . VOSKHOD 1 SPACECRAFT
 . . . VOSKHOD 2 SPACECRAFT
 . SOFT LANDING SPACECRAFT
 . **VOSKHOD MANNED SPACECRAFT**
 . . VOSKHOD 1 SPACECRAFT
 . . VOSKHOD 2 SPACECRAFT
 RT SPACE CAPSULES

VOSKHOD 1 SPACECRAFT

GS MANNED SPACECRAFT
 . VOSKHOD MANNED SPACECRAFT
 . . **VOSKHOD 1 SPACECRAFT**
 . REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . VOSKHOD MANNED SPACECRAFT
 . . . **VOSKHOD 1 SPACECRAFT**
 . SOFT LANDING SPACECRAFT
 . VOSKHOD MANNED SPACECRAFT
 . . **VOSKHOD 1 SPACECRAFT**

VOSKHOD 2 SPACECRAFT

GS MANNED SPACECRAFT
 . VOSKHOD MANNED SPACECRAFT
 . . **VOSKHOD 2 SPACECRAFT**
 . REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . VOSKHOD MANNED SPACECRAFT
 . . . **VOSKHOD 2 SPACECRAFT**
 . SOFT LANDING SPACECRAFT
 . VOSKHOD MANNED SPACECRAFT
 . . **VOSKHOD 2 SPACECRAFT**

VOSTOK SPACECRAFT

GS MANNED SPACECRAFT

VOSTOK SPACECRAFT--(cont.)**VOSTOK SPACECRAFT**

.. VOSTOK 1 SPACECRAFT
 .. VOSTOK 2 SPACECRAFT
 .. VOSTOK 3 SPACECRAFT
 .. VOSTOK 4 SPACECRAFT
 .. VOSTOK 5 SPACECRAFT
 .. VOSTOK 6 SPACECRAFT
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. **VOSTOK SPACECRAFT**
 .. VOSTOK 1 SPACECRAFT
 .. VOSTOK 2 SPACECRAFT
 .. VOSTOK 3 SPACECRAFT
 .. VOSTOK 4 SPACECRAFT
 .. VOSTOK 5 SPACECRAFT
 .. VOSTOK 6 SPACECRAFT
 SOFT LANDING SPACECRAFT

VOSTOK SPACECRAFT

.. VOSTOK 1 SPACECRAFT
 .. VOSTOK 2 SPACECRAFT
 .. VOSTOK 3 SPACECRAFT
 .. VOSTOK 4 SPACECRAFT
 .. VOSTOK 5 SPACECRAFT
 .. VOSTOK 6 SPACECRAFT
 SPACE CAPSULES

RT

VOSTOK 1 SPACECRAFT

GS

MANNED SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 1 SPACECRAFT**
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 1 SPACECRAFT**
 SOFT LANDING SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 1 SPACECRAFT**

VOSTOK 2 SPACECRAFT

GS

MANNED SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 2 SPACECRAFT**
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 2 SPACECRAFT**
 SOFT LANDING SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 2 SPACECRAFT**

VOSTOK 3 SPACECRAFT

GS

MANNED SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 3 SPACECRAFT**
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 3 SPACECRAFT**
 SOFT LANDING SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 3 SPACECRAFT**

VOSTOK 4 SPACECRAFT

GS

MANNED SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 4 SPACECRAFT**
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 4 SPACECRAFT**
 SOFT LANDING SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 4 SPACECRAFT**

VOSTOK 5 SPACECRAFT

GS

MANNED SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 5 SPACECRAFT**
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 5 SPACECRAFT**
 SOFT LANDING SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 5 SPACECRAFT**

VOSTOK 6 SPACECRAFT

GS

MANNED SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 6 SPACECRAFT**
 REENTRY VEHICLES
 .. RECOVERABLE SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 6 SPACECRAFT**

VOSTOK 6 SPACECRAFT--(cont.)

SOFT LANDING SPACECRAFT
 .. VOSTOK SPACECRAFT
 .. **VOSTOK 6 SPACECRAFT**

VOTING

RT

GOVERNMENTS
 LAW (JURISPRUDENCE)
 MINORITIES
 POLITICS
 SOVEREIGNTY

VOWELS

RT

CONSONANTS (SPEECH)
 GRAMMARS
 LANGUAGES
 WORDS (LANGUAGE)

VOYAGER PROJECT

GS

PROGRAMS
 .. NASA PROGRAMS
 .. NASA SPACE PROGRAMS
 .. **VOYAGER PROJECT**
 PROJECTS
 .. **VOYAGER PROJECT**
 SPACE PROGRAMS
 .. NASA SPACE PROGRAMS
 .. **VOYAGER PROJECT**

RT

MARS PROBES
 SATURN PROJECT
 SPACE PROBES
 UNMANNED SPACECRAFT
 VENUS PROBES

VOYAGER 1 SPACECRAFT

GS

INTERPLANETARY SPACECRAFT
 .. **VOYAGER 1 SPACECRAFT**
 UNMANNED SPACECRAFT
 .. SPACE PROBES

RT

.. **VOYAGER 1 SPACECRAFT**
 FLYBY MISSIONS
 GRAND TOURS
 JUPITER (PLANET)
 JUPITER PROBES
 JUPITER RINGS
 ∞ SPACECRAFT

VOYAGER 2 SPACECRAFT

GS

INTERPLANETARY SPACECRAFT
 .. **VOYAGER 2 SPACECRAFT**
 UNMANNED SPACECRAFT
 .. SPACE PROBES

RT

.. **VOYAGER 2 SPACECRAFT**
 FLYBY MISSIONS
 GRAND TOURS
 JUPITER (PLANET)
 JUPITER PROBES
 NEPTUNE (PLANET)
 SATURN (PLANET)
 ∞ SPACECRAFT
 URANUS (PLANET)

VOYAGER 1977 MISSION

GS

SPACE MISSIONS
 .. FLYBY MISSIONS
 .. GRAND TOURS

RT

.. **VOYAGER 1977 MISSION**
 INTERPLANETARY SPACECRAFT
 JUPITER (PLANET)
 JUPITER PROBES
 ∞ MISSIONS
 SOLAR SYSTEM
 SPACE PROBES

VOYAGEUR HELICOPTER

USE

CH-46 HELICOPTER

VR (VIRTUAL REALITY)

USE

VIRTUAL REALITY

VSAT (NETWORK)

UF

VERY SMALL APERTURE TERMINALS
 COMMUNICATION NETWORKS

GS

.. **VSAT (NETWORK)**
 DATA PROCESSING EQUIPMENT
 .. DATA PROCESSING TERMINALS
 .. **VSAT (NETWORK)**
 SATELLITE NETWORKS
 .. **VSAT (NETWORK)**

RT

ALOHA SYSTEM
 APERTURES
 ARPA COMPUTER NETWORK
 COMPUTER NETWORKS
 DATA LINKS

VSAT (NETWORK)--(cont.)

DATA TRANSMISSION
 DISTRIBUTED PROCESSING
 EARTH TERMINALS
 INTERPROCESSOR COMMUNICATION
 LOCAL AREA NETWORKS
 MICROWAVE TRANSMISSION
 NEEDS (DATA SYSTEM)
 PERSONAL COMPUTERS
 RANDOM ACCESS
 SUPERHIGH FREQUENCIES
 TELECOMMUNICATION

VTOL

USE

VERTICAL LANDING
 VERTICAL TAKEOFF

VTOL AIRCRAFT

USE

VERTICAL TAKEOFF AIRCRAFT

VULCAN AIRCRAFT

UF

AVRO 698 AIRCRAFT

GS

ATTACK AIRCRAFT
 .. BOMBER AIRCRAFT
 .. **VULCAN AIRCRAFT**
 HAWKER SIDDELEY AIRCRAFT
 .. **VULCAN AIRCRAFT**
 JET AIRCRAFT
 .. **VULCAN AIRCRAFT**
 TAILLESS AIRCRAFT
 .. **VULCAN AIRCRAFT**
 RT ∞ AIRCRAFT
 AVRO 707 AIRCRAFT
 HARRIER AIRCRAFT

VULCANIZATES

USE

VULCANIZED ELASTOMERS

VULCANIZED ELASTOMERS

UF

GUM VULCANIZATES
 VULCANIZATES

GS

RUBBER
 .. SYNTHETIC RUBBERS
 .. ELASTOMERS

RT

.. **VULCANIZED ELASTOMERS**
 ADDITION RESINS
 POLYETHER RESINS
 THERMOPLASTIC RESINS
 VULCANIZING

VULCANIZING

GS

CROSSLINKING

RT

.. **VULCANIZING**
 CURING
 VULCANIZED ELASTOMERS

VULNERABILITY

GS

VULNERABILITY
 .. NUCLEAR VULNERABILITY

RT

AIRCRAFT RELIABILITY
 AIRCRAFT SURVIVABILITY
 AIRPORT SECURITY
 DURABILITY
 INTEGRITY
 LIFE (DURABILITY)
 OBSTACLE AVOIDANCE
 PENETRATION
 PIERCING
 RELIABILITY
 ∞ RESISTANCE
 SECURITY
 SENSITIVITY
 SPACECRAFT DEFENSE
 SPACECRAFT SURVIVABILITY
 STABILITY

VYCOR

GS

FIBERS
 .. SYNTHETIC FIBERS
 .. **VYCOR**
 GLASS
 .. **VYCOR**
 SEMICONDUCTORS (MATERIALS)
 .. **VYCOR**
 RT ∞ GLASS FIBERS
 ∞ MATERIALS
 SILICON DIOXIDE

VZ-2 AIRCRAFT

GS

BOEING AIRCRAFT
 .. **VZ-2 AIRCRAFT**
 RESEARCH AIRCRAFT
 .. **VZ-2 AIRCRAFT**
 TILT WING AIRCRAFT

VZ-2 AIRCRAFT--(cont.)

- . VZ-2 AIRCRAFT
- V/STOL AIRCRAFT
- . VZ-2 AIRCRAFT
- RT ∞ AIRCRAFT

VZ-8 AIRCRAFT

- UF AIRGEEP AIRCRAFT
- GS LIGHT AIRCRAFT
- . VZ-8 AIRCRAFT
- PIASECKI AIRCRAFT
- . VZ-8 AIRCRAFT
- RESEARCH AIRCRAFT
- . VZ-8 AIRCRAFT
- V/STOL AIRCRAFT
- . VERTICAL TAKEOFF AIRCRAFT
- . VZ-8 AIRCRAFT
- RT ∞ AIRCRAFT
- FLYING PLATFORMS

VZ-10 AIRCRAFT

- USE XV-4 AIRCRAFT

VZ-11 AIRCRAFT

- USE XV-5 AIRCRAFT

VZ-12 AIRCRAFT

- USE P-1127 AIRCRAFT

W**W STARS**

- USE WOLF-RAYET STARS

W WINGS

- USE VARIABLE SWEEP WINGS

W-R STARS

- USE WOLF-RAYET STARS

WABASH RIVER BASIN (IL-IN-OH)

- GS LANDFORMS
- . STRUCTURAL BASINS
- . RIVER BASINS
- . . . WABASH RIVER BASIN (IL-IN-OH)
- RT ILLINOIS
- INDIANA
- OHIO
- RIVERS

WADIS

- GS LANDFORMS
- . STRUCTURAL BASINS
- . RIVER BASINS
- . . . WADIS
- RT ARID LANDS
- DESERTIFICATION
- RIVERS
- STREAMS
- TOPOGRAPHY
- VALLEYS
- WATER RUNOFF

WAFERS

- RT MICROELECTRONICS
- MICROMINIATURIZATION
- MINIATURIZATION
- PHOTOMASKS
- SEMICONDUCTOR DEVICES
- SOLID STATE DEVICES
- THIN FILMS
- VERTICAL JUNCTION SOLAR CELLS

WAGE SURVEYS

- GS REPORTS
- . WAGE SURVEYS
- SURVEYS
- . WAGE SURVEYS
- RT COST ANALYSIS
- COST ESTIMATES
- COST REDUCTION
- EMPLOYEE RELATIONS
- FINANCE
- PERSONNEL

WAKEFULNESS

- RT ALERTNESS
- SLEEP DEPRIVATION

WAKES

- GS WAKES

WAKES--(cont.)

- . AIRCRAFT WAKES
- . . HELICOPTER WAKES
- . . SLIPSTREAMS
- . . . PROPELLER SLIPSTREAMS
- . HYPERSONIC WAKES
- . LAMINAR WAKES
- . NEAR WAKES
- . SUPERSONIC WAKES
- . TURBULENT WAKES
- . . SLIPSTREAMS
- . . . PROPELLER SLIPSTREAMS
- RT BACKWASH
- BASE FLOW
- BUBBLES
- CAVITATION FLOW
- CONTRAILS
- DOWNWASH
- ∞ DRAFT
- DRAW
- GROUND EFFECT (AERODYNAMICS)
- HORSESHOE VORTICES
- STROUHAL NUMBER
- TURBULENCE
- VORTEX ALLEVIATION
- VORTICES

WALES

- GS NATIONS
- . UNITED KINGDOM
- . . WALES
- RT EUROPE

WALKING

- GS LOCOMOTION
- . WALKING
- RT PHYSICAL EXERCISE

WALKING MACHINES

- GS SURFACE VEHICLES
- . WALKING MACHINES
- RT ASTRONAUT MANEUVERING EQUIPMENT
- LUNAR SURFACE VEHICLES
- ∞ MACHINERY
- MANNED LUNAR SURFACE VEHICLES
- PROSTHETIC DEVICES

WALL FLOW

- GS FLUID FLOW
- . WALL FLOW
- RT BOUNDARY LAYER FLOW
- CHANNEL FLOW
- CONICAL FLOW
- DISCHARGE COEFFICIENT
- DUCTED FLOW
- GOERTLER INSTABILITY
- HEAT TRANSMISSION
- MANNING THEORY
- TWO DIMENSIONAL FLOW
- TWO DIMENSIONAL JETS

WALL JETS

- RT FLUID AMPLIFIERS
- JET BOUNDARIES
- JET FLOW
- JET VANES
- ∞ JETS

WALL PRESSURE

- GS PRESSURE
- . WALL PRESSURE
- RT BOUNDARY LAYERS
- PRESSURE DISTRIBUTION
- PRESSURE VESSELS
- THICK WALLS

WALL TEMPERATURE

- GS SURFACE PROPERTIES
- . SURFACE TEMPERATURE
- . . WALL TEMPERATURE
- TEMPERATURE
- . SURFACE TEMPERATURE
- . . WALL TEMPERATURE
- RT OPERATING TEMPERATURE
- THICK WALLS

WALLOPS ISLAND

- GS LANDFORMS
- . ISLANDS
- . . WALLOPS ISLAND
- RT ATLANTIC OCEAN
- VIRGINIA

WALLS

- UF COLD WALLS
- GS WALLS
- . BULKHEADS
- . NOZZLE WALLS
- . POROUS WALLS
- . THICK WALLS
- . THIN WALLS
- . TROMBE WALLS
- . WIND TUNNEL WALLS
- RT ∞ BARRIERS
- BUILDINGS
- CURTAINS
- ENCLOSURES
- FLOORS
- GATES (OPENINGS)
- HOUSINGS
- LIMITERS (FUSION REACTORS)
- PANELS
- PARTITIONS (STRUCTURES)
- SANDWICH STRUCTURES
- SHEATHS
- SHELLS (STRUCTURAL FORMS)
- SIDES
- STUDS (STRUCTURAL MEMBERS)
- SUBSTRUCTURES
- TILES

WALSH FUNCTION

- GS FUNCTIONS (MATHEMATICS)
- . ORTHOGONAL FUNCTIONS
- . . WALSH FUNCTION
- RT FAST FOURIER TRANSFORMATIONS
- FOURIER TRANSFORMATION
- FUNCTIONAL ANALYSIS
- MATRICES (MATHEMATICS)

WANKEL ENGINES

- GS ENGINES
- . INTERNAL COMBUSTION ENGINES
- . . ROTARY ENGINES
- . . . WANKEL ENGINES
- RT AIRCRAFT ENGINES
- AUTOMOBILE ENGINES
- PISTON ENGINES

WAR GAMES

- RT DIGITAL SIMULATION
- GAME THEORY
- MATHEMATICAL MODELS
- OPERATIONS RESEARCH
- SIMULATION

WARFARE

- GS WARFARE
- . ANTISHIP WARFARE
- . ANTISUBMARINE WARFARE
- . CHEMICAL WARFARE
- . COMBAT
- . ELECTRONIC WARFARE
- . NUCLEAR WARFARE
- RT ATTACKING (ASSAULTING)
- B-1 AIRCRAFT
- CHEMICAL DEFENSE
- EVASIVE ACTIONS
- INFILTRATION
- INTERNATIONAL LAW
- ORDNANCE
- PEACETIME
- POLITICS
- STRATEGY
- VIOLENCE

WARHEADS

- GS WEAPONS
- . WARHEADS
- . . NUCLEAR WARHEADS
- . . . PRECISION GUIDED PROJECTILES
- RT AMMUNITION
- ANTISHIP WARFARE
- BOMBS (ORDNANCE)
- EXPLOSIVE DEVICES
- EXPLOSIVES
- ∞ FUSES
- FUSES (ORDNANCE)
- MISSILE COMPONENTS
- MISSILES
- NOSE CONES
- NUCLEAR DEVICES
- NUCLEAR WEAPONS
- PAYLOADS
- PROJECTILES
- ∞ ROCKETS
- SHAPED CHARGES
- TORPEDOES

WARM BLOODED ANIMALS

WARM BLOODED ANIMALS

USE HOMEOTHERMS

WARM FRONTS

GS FRONTS (METEOROLOGY)
 . WARM FRONTS
 RT AIR MASSES
 COLD FRONTS
 ∞ FRONTS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 STORMS
 SYNOPTIC METEOROLOGY
 THUNDERSTORMS
 TORNADOES
 WEATHER FORECASTING

WARMING

USE HEATING

WARNING

RT ACCIDENT PREVENTION
 AUDITORY SIGNALS
 BELLS
 CIVIL DEFENSE
 COLLISION AVOIDANCE
 DETECTION
 ∞ DETECTORS
 EARLY WARNING SYSTEMS
 FIRE PREVENTION
 HORNS
 MINE DETECTORS
 MONITORS
 PROTECTION
 SAFETY
 SAFETY DEVICES

WARNING DEVICES

USE WARNING SYSTEMS

WARNING SIGNALS

USE WARNING SYSTEMS

WARNING STAR AIRCRAFT

USE EC-121 AIRCRAFT

WARNING SYSTEMS

UF ALARMS
 COLLISION WARNING DEVICES
 WARNING DEVICES
 WARNING SIGNALS
 GS WARNING SYSTEMS
 . EARLY WARNING SYSTEMS
 . . BALLISTIC MISSILE EARLY WARNING SYSTEM
 RT . MINE DETECTORS
 ACCIDENT PREVENTION
 AUDITORY SIGNALS
 AVOIDANCE
 BELLS
 CIVIL DEFENSE
 COLLISION AVOIDANCE
 DETECTION
 ∞ DETECTORS
 DISPLAY DEVICES
 EXPLOSIONS
 FALSE ALARMS
 FIRE PREVENTION
 FIRES
 GAS DETECTORS
 HAZARDS
 HEAD-UP DISPLAYS
 HORNS
 MONITORS
 NATIONAL SEVERE STORMS PROJECT
 POLLUTION MONITORING
 PROTECTION
 PUBLIC ADDRESS SYSTEMS
 SAFETY
 SAFETY DEVICES
 SAFETY MANAGEMENT
 SANITATION
 SIRENS
 SOUND GENERATORS
 ∞ SYSTEMS
 THREAT EVALUATION

WARPAGE

RT BENDING
 BUCKLING
 CAMBER
 DAMAGE
 DEFORMATION
 DISTORTION
 GROWTH

WARPAGE--(cont.)

HEAVING
 PLASTIC DEFORMATION
 SHRINKAGE
 STRUCTURAL STRAIN
 SURFACE DISTORTION
 THERMAL EXPANSION
 TWISTING

∞ WASHERS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT WASHERS (CLEANERS)
 WASHERS (SPACERS)

WASHERS (CLEANERS)

RT CLEANERS
 CONCENTRATORS
 EXTRACTION
 SEPARATORS
 ∞ WASHERS
 WASHING

WASHERS (SPACERS)

GS FASTENERS
 . WASHERS (SPACERS)
 RT INSERTS
 SEPARATORS
 SPACERS
 ∞ WASHERS

WASHING

UF SCRUBBING
 GS CLEANING
 . WASHING
 . . BATHING
 RT BENEFICIATION
 DECONTAMINATION
 DISSOLVING
 DISTILLATION
 ELUTION
 FLUSHING
 HOUSEKEEPING (SPACECRAFT)
 PURIFICATION
 SCRUBBERS
 ∞ SEPARATION
 WASHERS (CLEANERS)
 WASTE WATER

WASHINGTON

GS NATIONS
 . UNITED STATES
 . . WASHINGTON
 RT CASCADE RANGE (CA-OR-WA)
 COLUMBIA RIVER BASIN (ID-OR-WA)

WASHOUT (RADIOACTIVITY)

USE FALLOUT

WASP SOUNDING ROCKET

UF HIGH ALTITUDE SOUNDING PROJECTILE
 WINDOW ATMOSPHERE SOUNDING
 PROJECTILE
 GS ROCKET VEHICLES
 . MULTISTAGE ROCKET VEHICLES
 . . WASP SOUNDING ROCKET
 . . SOUNDING ROCKETS
 . . . WASP SOUNDING ROCKET
 RT LOKI ROCKET VEHICLE
 SOLID PROPELLANT ROCKET ENGINES

WASPALOY

GS ALLOYS
 . HEAT RESISTANT ALLOYS
 . . WASPALOY
 . . NICKEL ALLOYS
 . . . WASPALOY
 RT CHROMIUM ALLOYS
 COBALT ALLOYS
 WROUGHT ALLOYS

WASTE DISPOSAL

GS DISPOSAL
 . WASTE DISPOSAL
 . . COMPOSTING
 . . HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
 RT AIR POLLUTION
 DEEP WELL INJECTION (WASTES)
 DEWATERING
 DILUTION
 DISSIPATION
 DRAINAGE

WASTE DISPOSAL--(cont.)

EFFLUENTS
 ELIMINATION
 ENVIRONMENT EFFECTS
 ENVIRONMENT POLLUTION
 ENVIRONMENT PROTECTION
 ENVIRONMENTAL CHEMISTRY
 ENVIRONMENTAL ENGINEERING
 ENVIRONMENTAL SURVEYS
 EXHAUST GASES
 EXHAUST SYSTEMS
 GARBAGE
 HUMAN WASTES
 INCINERATORS
 INDUSTRIAL WASTES
 LANDFILLS
 MANURES
 MATERIALS HANDLING
 METABOLIC WASTES
 MINES (EXCAVATIONS)
 MODULAR INTEGRATED UTILITY SYSTEM
 PIPELINES
 PLASMA CORE REACTORS
 POLLUTION
 PONDS
 RADIOACTIVE WASTES
 SANITATION
 SEWAGE
 SEWAGE TREATMENT
 SEWERS
 SOLID WASTES
 SPACE FLIGHT FEEDING
 ∞ STORAGE
 SUMPS
 TOILETS
 UTILITIES
 WASTES
 WATER POLLUTION

WASTE ENERGY UTILIZATION

GS UTILIZATION
 . WASTE ENERGY UTILIZATION
 RT BOILERS
 BURNERS
 CHIMNEYS
 COGENERATION
 ENERGY CONVERSION
 EXHAUST GASES
 FURNACES
 HEAT TRANSFER
 HEATING
 INCINERATORS
 LIGHTING EQUIPMENT
 OVENS
 SOLID WASTES
 SPACE HEATING (BUILDINGS)
 WASTE HEAT
 WASTES

WASTE HEAT

RT ENERGY TECHNOLOGY
 HEAT EXCHANGERS
 HEAT PUMPS
 WASTE ENERGY UTILIZATION

WASTE TREATMENT

GS WASTE TREATMENT
 . SEWAGE TREATMENT
 RT BACTERIA
 COMPOSTING
 GARBAGE
 RESIDUES
 SLUDGE
 ∞ TREATMENT
 WASTES

WASTE UTILIZATION

GS UTILIZATION
 . WASTE UTILIZATION
 RT BIOMASS ENERGY PRODUCTION
 COMPOSTING
 HYDROCARBON FUEL PRODUCTION
 INDUSTRIAL WASTES
 LANDFILLS
 MANURES
 SOLID WASTES
 WASTES

WASTE WATER

GS WASTES
 . LIQUID WASTES
 . . WASTE WATER
 WATER
 . WASTE WATER
 RT BATHING

WASTE WATER--(cont.)

CLEANING
FLUSHING
INDUSTRIAL WASTES
RESIDUES
WASHING
WATER COOLED REACTORS

WASTES

GS

WASTES

. GARBAGE
. INDUSTRIAL WASTES
. LIQUID WASTES
. URINE
. WASTE WATER
. MANURES
. METABOLIC WASTES
. HUMAN WASTES
. FECEES
. URINE
. RADIOACTIVE WASTES
. SEWAGE
. SOLID WASTES
RT ACTIVATED SLUDGE
AIR POLLUTION
BENEFICIATION
BY-PRODUCTS
COMBUSTION PRODUCTS
CONTAMINANTS
DEBRIS
EFFLUENTS
ENVIRONMENT EFFECTS
EXHAUST GASES
FOREST FIRES
FUMES
GAS RECOVERY
IMPURITIES
LEAKAGE
LOSSES
NONPOINT SOURCES
ORGANIC WASTES (FUEL CONVERSION)
POLLUTION
RESIDUES
SCRAP
SEWERS
SLAGS
SLUDGE
WASTE DISPOSAL
WASTE ENERGY UTILIZATION
WASTE TREATMENT
WASTE UTILIZATION

WATCHES

USE CLOCKS

WATER

GS

WATER

. COLD WATER
. DEEP WATER
. FRESH WATER
. HEAVY WATER
. INLAND WATERS
. GROUND WATER
. LIGHT WATER
. NEARSHORE WATER
. COASTAL WATER
. POLYWATER
. POTABLE WATER
. SEA WATER
. SHALLOW WATER
. SHOALS
. SPRINGS (WATER)
. SURFACE WATER
. VADOSE WATER
. WASTE WATER
RT AQUIFERS
ARROYOS
BAY ICE
BODY FLUIDS
CAVITATION FLOW
FIORDS
HUMIDITY
HYDRATES
∞ HYDRAULICS
HYDRODYNAMICS
HYDROGEN BONDS
HYDROGEN COMPOUNDS
HYDROLOGY
HYDROMECHANICS
HYDROSTATICS
ICE
ISTHMUSES
LAKE ERIE
LAKE HURON
LAKE ICE

WATER--(cont.)

LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
LATERITES
LIFE SUPPORT SYSTEMS
LIMNOLOGY
LIQUIDS
MODERATORS
MOISTURE
MOISTURE CONTENT
MUSKEGS
OXIDES
PENINSULAS
POLLUTION
PRECIPITATION (METEOROLOGY)
RUNWAY CONDITIONS
SLUSH
SOUNDS (TOPOGRAPHIC FEATURES)
STEAM
STRAITS
UTILITIES
WATER SPLITTING
WATERSHEDS
WHARVES
WINDPOWERED PUMPS

WATER BALANCE

GS

MATERIAL BALANCE

RT

. WATER BALANCE

BODY FLUIDS
EDEMA
∞ EQUILIBRIUM
HOMEOSTASIS
HYDROMETEOROLOGY
LYSIMETERS
OSMOSIS
URINATION

WATER CIRCULATION

GS

CIRCULATION

. WATER CIRCULATION

. . . WATER CURRENTS
. . . OCEAN CURRENTS
. . . COASTAL CURRENTS
. . . EL NINO
. . . GULF STREAM
. . . LOMONOSOV CURRENT

RT

LAKES
OCEANOGRAPHY
POLLUTION TRANSPORT
WIND EFFECTS

WATER COLOR

GS

ELECTROMAGNETIC PROPERTIES
. OPTICAL PROPERTIES
. . . COLOR

RT

. . . WATER COLOR

COASTAL ZONE COLOR SCANNER
LAKES
OCEAN COLOR SCANNER
OCEANS
RIVERS

WATER CONSUMPTION

GS

CONSUMPTION

RT

. WATER CONSUMPTION

DROUGHT
IRRIGATION
SEEPAGE

WATER CONTENT

USE

MOISTURE CONTENT

WATER COOLED REACTORS

UF

PHYSICAL CONSTANTS TESTING
REACTOR

GS

NUCLEAR REACTORS
. LIQUID COOLED REACTORS
. . . WATER COOLED REACTORS
. . . BOILING WATER REACTORS
. . . EXPERIMENTAL BOILING WATER REACTORS
. . . HALDEN BOILING WATER REACTOR
. . . LOS ALAMOS WATER BOILER REACTOR
. . . PATHFINDER NUCLEAR REACTOR
. . . SPERT REACTORS
. . . HEAVY WATER REACTORS
. . . HEAVY WATER COMPONENTS TEST REACTORS
. . . PLUTONIUM RECYCLE TEST REACTOR
. . . ZERO POWER REACTOR 2

WATER COOLED REACTORS--(cont.)

. . . LIGHT WATER REACTORS
. . . NRX REACTORS
. . . PLUM BROOK REACTOR
. . . PRESSURIZED WATER REACTORS
. . . SPECTRAL SHIFT CONTROL REACTOR
. . . SWIMMING POOL REACTORS
. . . ZERO POWER REACTORS
. . . ZERO POWER REACTOR 2
. . . ZERO POWER REACTOR 3
. . . ZERO POWER REACTOR 6
. . . ZERO POWER REACTOR 9
RT CHEMICAL REACTORS
NUCLEAR ENGINE FOR ROCKET VEHICLES
∞ REACTORS
WASTE WATER

WATER COOLING

USE LIQUID COOLING

WATER CURRENTS

UF

CURRENTS (OCEANOGRAPHY)

GS

CIRCULATION

. WATER CIRCULATION

. . . WATER CURRENTS
. . . OCEAN CURRENTS
. . . COASTAL CURRENTS
. . . EL NINO
. . . GULF STREAM
. . . LOMONOSOV CURRENT

RT

ARROYOS

∞

CURRENTS
OCEANOGRAPHY
RAPIDS
SEA ROUGHNESS
SEA STATES
SURFACE WAVES
TIDES
UPSTREAM

WATER CYCLE (HYDROLOGY)

USE

HYDROLOGICAL CYCLE

WATER DEPRIVATION

GS

DEPRIVATION

. WATER DEPRIVATION

WATER DEPTH

RT

CNOIDAL WAVES
COASTAL WATER
LAKES
NEARSHORE WATER
OCEANS
SHALLOW WATER
SHOALS

WATER EROSION

GS

EROSION

RT

. WATER EROSION

ARROYOS
CANYONS
DRAINAGE PATTERNS
FLOOD DAMAGE
RAIN IMPACT DAMAGE
RAVINES
SOIL EROSION
WIND EROSION

WATER FLOW

GS

FLUID FLOW

. LIQUID FLOW

. . . WATER FLOW

RT

ALLUVIUM
CANALS
DRAINAGE
DRAINAGE PATTERNS
FLOOD DAMAGE
FLOODS
FLOW MEASUREMENT
GREAT LAKES (NORTH AMERICA)
GROUND WATER
∞ HYDRAULICS
HYDRODYNAMICS
HYDROLOGY MODELS
OPEN CHANNEL FLOW
PIPE FLOW
RAPIDS
WATERSHEDS

WATER HAMMER

RT

HYDRAULIC EQUIPMENT
HYDRODYNAMICS
PIPE FLOW

WATER HAMMER--(cont.)

PIPELINES
RAMS (PUMPS)
SURGES
VALVES

WATER HEATING

GS HEATING
RT . **WATER HEATING**
DOMESTIC ENERGY
GEOTHERMAL ENERGY EXTRACTION
HEAT EXCHANGERS
∞ HEATERS
HEATING EQUIPMENT
RESIDENTIAL ENERGY
TEMPERATURE CONTROL

WATER IMMERSION

RT BATHS
LIQUID COOLING
QUENCHING (COOLING)
SINKING
∞ SOAKING
SUBMERGED BODIES
SUBMERGING
UNDERWATER TESTS

WATER INJECTION

GS INJECTION
. FLUID INJECTION
. LIQUID INJECTION
. . . **WATER INJECTION**
RT GAS INJECTION
PERFORATING
THRUST AUGMENTATION

∞ WATER INTAKES

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
RT AIR INTAKES
INTAKE SYSTEMS
MANIFOLDS
NOSE INLETS
PLENUM CHAMBERS
SCOOPS
SIDE INLETS

WATER JETS

USE HYDRAULIC JETS

WATER LANDING

GS LANDING
. **WATER LANDING**
. . . DITCHING (LANDING)
RT AIRCRAFT LANDING
CRASH LANDING
GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING
HYDROPLANING
PLANETARY LANDING
SOFT LANDING
SPACECRAFT LANDING
SPACECRAFT RECOVERY
SPLASHING
TOUCHDOWN

WATER LOSS

RT DEHYDRATION
DRYING
EVAPORATION
LOSSES

WATER MANAGEMENT

GS MANAGEMENT
. **WATER MANAGEMENT**
RT CONSERVATION
DROUGHT
ENVIRONMENT MANAGEMENT
FLOODS
HYDROLOGY
LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
LIMNOLOGY
POTABLE WATER
PYRAMID LAKE (NV)
WATERSHEDS

WATER MASERS

GS EMISSION

WATER MASERS--(cont.)

. **WATER MASERS**
STIMULATED EMISSION DEVICES
. MASERS
. . . **WATER MASERS**
RT GAS LASERS
GAS MASERS
INTERSTELLAR MASERS
MASER OUTPUTS

WATER MODERATED REACTORS

GS NUCLEAR REACTORS
. **WATER MODERATED REACTORS**
. . . EXPERIMENTAL BOILING WATER
REACTORS
. . . HEAVY WATER COMPONENTS TEST
REACTORS
. . . PLUTONIUM RECYCLE TEST
REACTOR
RT LIGHT WATER REACTORS

WATER POLLUTION

GS POLLUTION
. ENVIRONMENT POLLUTION
. . **WATER POLLUTION**
. . . OIL POLLUTION
RT ALGAE
ALKALINITY
BIOCHEMICAL OXYGEN DEMAND
CLEAN ENERGY
CONTAMINATION
DROUGHT
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
INLAND WATERS
LANDFILLS
LIMNOLOGY
LYSIMETERS
MARINE RESOURCES
OIL SLICKS
PHYTOPLANKTON
POLLUTION MONITORING
POLLUTION TRANSPORT
PURITY
THERMAL POLLUTION
WASTE DISPOSAL

WATER PRESSURE

GS PRESSURE
. FLUID PRESSURE
. . **WATER PRESSURE**
RT ∞ HYDRAULICS
HYDRODYNAMICS
HYDROSTATIC PRESSURE
HYDROSTATICS
INLET PRESSURE
PIPE FLOW

WATER PURIFICATION

USE WATER TREATMENT

WATER QUALITY

GS QUALITY
. ENVIRONMENTAL QUALITY
. . **WATER QUALITY**
RT ALKALINITY
ENVIRONMENT EFFECTS

WATER RECLAMATION

UF WATER RECOVERY
GS RECLAMATION
. MATERIALS RECOVERY
. . **WATER RECLAMATION**
RT CONSERVATION
DEWATERING
DROUGHT
POLLUTION

WATER RECOVERY

USE WATER RECLAMATION

WATER RESOURCES

GS RESOURCES
. EARTH RESOURCES
. . **WATER RESOURCES**
. . . AQUIFERS
RT ENVIRONMENT EFFECTS
ENVIRONMENT MANAGEMENT
GREAT LAKES (NORTH AMERICA)
GROUND WATER
HYDROLOGY
INLAND WATERS

WATER RESOURCES--(cont.)

INTERNATIONAL HYDROLOGICAL
DECADE
LAKES
LIMNOLOGY
OCEANS
PONDS
POTABLE WATER
PRECIPITATION (METEOROLOGY)
PYRAMID LAKE (NV)
RAINMAKING
RESERVOIRS
SEA WATER
UNDERWATER RESOURCES
WETLANDS
WINDPOWERED PUMPS

WATER RUNOFF

RT DRAINAGE
GROUND WATER
INLAND WATERS
RESOURCES MANAGEMENT
RIVERS
WADIS

WATER SPLITTING

RT ELECTROLYSIS
HYDROGEN FUELS
HYDROGEN PRODUCTION
SPLITTING
THERMOCHEMISTRY
WATER

WATER TABLES

RT AQUIFERS
DRAINAGE
GROUND WATER
POTABLE WATER
SPRINGS (WATER)
VADOSE WATER
WATERSHEDS

WATER TAKEOFF AND LANDING AIRCRAFT

GS **WATER TAKEOFF AND LANDING
AIRCRAFT**
. SEAPLANES
RT ∞ AIRCRAFT
AMPHIBIOUS AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
COMMERCIAL AIRCRAFT
GROUND EFFECT MACHINES
HOVERCRAFT GROUND EFFECT
MACHINES
LIGHT AIRCRAFT
MONOPLANES
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
S-61 HELICOPTER
SEA LAUNCHING
SUBMERSIBLE AIRCRAFT
∞ SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT

WATER TEMPERATURE

GS TEMPERATURE
. **WATER TEMPERATURE**
. . OCEAN TEMPERATURE
. . . SEA SURFACE TEMPERATURE
RT SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
THERMAL POLLUTION

WATER TREATMENT

UF WATER PURIFICATION
RT ACTIVATED CARBON
ADSORPTION
AERATION
AGITATION
BENTONITE
BIOCHEMICAL OXYGEN DEMAND
CHLORINATION
COAGULATION
CONTAMINANTS
CORROSION PREVENTION
DEMINERALIZING
DESALINIZATION
FILTRATION
FLOCCULATING
FLOTATION
ION EXCHANGING
MATERIAL ABSORPTION
POLLUTION
POTABLE WATER
PURIFICATION

WATER TREATMENT--(cont.)

- ∞ SCREENING
- SETTLING
- SEWAGE
- ∞ TREATMENT

WATER TUNNEL TESTS

- RT AIR WATER INTERACTIONS
- CROSS FLOW
- FLOW DISTRIBUTION
- FLOW VISUALIZATION
- STRAKES
- ∞ TESTS
- WATER WAVES
- WIND TUNNEL TESTS

WATER TUNNELS

- USE HYDRAULIC TEST TUNNELS

WATER VAPOR

- GS VAPORS
- WATER VAPOR
- RT ATMOSPHERIC MOISTURE
- DEW
- HUMIDITY
- MIXING RATIOS
- MOISTURE
- MOISTURE CONTENT
- STEAM

WATER VEHICLES

- GS WATER VEHICLES
- BOATS
- LIFEBOATS
- CAPTURED AIR BUBBLE VEHICLES
- SHIPS
- ADVANCED RANGE
- INSTRUMENTATION SHIP
- AIRCRAFT CARRIERS
- CARGO SHIPS
- SAVANNAH NUCLEAR SHIP
- TANKER SHIPS
- NUCLEAR POWERED SHIPS
- SAVANNAH NUCLEAR SHIP
- SATELLITE COMMUNICATIONS SHIPS
- SUBMARINES
- BALLISTIC MISSILE SUBMARINES
- GUIDED MISSILE SUBMARINES
- TRIDENT SUBMARINE
- SURFACE EFFECT SHIPS
- SWATH (SHIP)
- UNDERWATER VEHICLES
- SUBMARINES
- BALLISTIC MISSILE SUBMARINES
- GUIDED MISSILE SUBMARINES
- TRIDENT SUBMARINE
- UNDERWATER RESEARCH
- LABORATORIES
- RT AMPHIBIOUS VEHICLES
- HARBORS
- MARINE TRANSPORTATION
- ∞ MILITARY VEHICLES
- RESEARCH VEHICLES
- SHIPYARDS
- SURFACE VEHICLES
- ∞ VEHICLES

WATER WAVES

- GS WATER WAVES
- TIDAL WAVES
- BREAKWATERS
- CAPILLARY WAVES
- CNOIDAL WAVES
- ELASTOHYDRODYNAMICS
- FRONTAL WAVES
- GRAVITY WAVES
- HYDRODYNAMIC COEFFICIENTS
- LITTORAL TRANSPORT
- OCEAN DYNAMICS
- RIPPLES
- SEA ROUGHNESS
- SEA STATES
- SURFACE WAVES
- TSUNAMI WAVES
- WATER TUNNEL TESTS
- WATERWAVE ENERGY
- WATERWAVE ENERGY CONVERSION
- WATERWAVE POWERED MACHINES
- ∞ WAVES

WATER WHEELS

- GS WHEELS
- WATER WHEELS
- RT HYDROELECTRIC POWER STATIONS
- TURBINE WHEELS

WATERFOWL

- GS ANIMALS
- VERTEBRATES
- BIRDS
- WATERFOWL
- RT BEACHES
- COASTAL ECOLOGY
- MARINE BIOLOGY
- MARINE ENVIRONMENTS
- MARSHLANDS
- MIGRATION
- OCEANOGRAPHY
- WETLANDS

WATERPROOFING

- RT BARRIER LAYERS
- CAULKING
- COATINGS
- INSULATION
- MOISTURE RESISTANCE
- PROTECTIVE COATINGS
- SEALING
- WEATHERPROOFING

WATERSHEDS

- UF CATCHMENT AREAS
- GS LANDFORMS
- STRUCTURAL BASINS
- WATERSHEDS
- RT DIVIDES (LANDFORMS)
- DRAINAGE PATTERNS
- FLOOD CONTROL
- FLOODS
- HYDROGEOLOGY
- HYDROLOGY
- INTERNATIONAL HYDROLOGICAL
- DECADE
- MISSOURI RIVER BASIN (US)
- MOUNTAINS
- PONDS
- PRECIPITATION (METEOROLOGY)
- RAIN
- RIVER BASINS
- RIVERS
- STORMS (METEOROLOGY)
- VALLEYS
- WATER
- WATER FLOW
- WATER MANAGEMENT
- WATER TABLES

WATERWAVE ENERGY

- RT CLEAN ENERGY
- EARTH RESOURCES
- ∞ ENERGY
- OCEANOGRAPHY
- TIDEPOWER
- WATER WAVES
- ∞ WAVES

WATERWAVE ENERGY CONVERSION

- GS ENERGY CONVERSION
- WATERWAVE ENERGY CONVERSION
- RT ∞ CONVERSION
- EARTH RESOURCES
- ENERGY CONVERSION EFFICIENCY
- ∞ ENERGY SOURCES
- OCEAN CURRENTS
- OCEAN SURFACE
- OCEANOGRAPHY
- OCEANS
- SEA ROUGHNESS
- TIDE POWERED GENERATORS
- TIDE POWERED MACHINES
- TIDEPOWER
- TIDES
- WATER WAVES

WATERWAVE POWERED MACHINES

- RT ∞ MACHINERY
- OCEAN CURRENTS
- OCEAN SURFACE
- SEA ROUGHNESS
- TIDE POWERED GENERATORS
- TIDE POWERED MACHINES
- TIDEPOWER
- TIDES
- WATER WAVES

WATERWAYS

- GS WATERWAYS
- CANALS
- HARBORS
- ARTIFICIAL HARBORS
- RT LAKES

WATERWAYS--(cont.)

- RIVERS
- STRAITS

WATTMETERS

- GS MEASURING INSTRUMENTS
- WATTMETERS
- RT ELECTRICAL MEASUREMENT
- ELECTROMETERS

WAVE AMPLIFICATION

- GS AMPLIFICATION
- WAVE AMPLIFICATION
- RT BAROCLINIC WAVES
- ELECTROMAGNETIC RADIATION
- ∞ WAVES

WAVE ATTENUATION

- GS ATTENUATION
- WAVE ATTENUATION
- ACOUSTIC ATTENUATION
- SHOCK WAVE ATTENUATION
- RADAR ATTENUATION
- RADIO ATTENUATION
- RT ATMOSPHERIC ATTENUATION
- ELECTROMAGNETIC ABSORPTION
- ELECTROMAGNETIC MISSILES
- INFRARED ABSORPTION
- RADAR TRANSMISSION
- RADIO TRANSMISSION
- SHOCK WAVE PROPAGATION

WAVE DEGRADATION

- GS DEGRADATION
- WAVE DEGRADATION
- RT ATTENUATION
- ELECTROMAGNETIC MISSILES
- SCATTERING
- SHOCK WAVE INTERACTION

WAVE DIFFRACTION

- GS DIFFRACTION
- WAVE DIFFRACTION
- RT ATTENUATION
- CROSSTALK
- DIFFRACTION RADIATION
- FRESNEL INTEGRALS
- GEOMETRICAL THEORY OF
- DIFFRACTION
- ∞ INTERFERENCE
- TRAVELING WAVE MODULATION

WAVE DISPERSION

- RT ACOUSTIC PROPERTIES
- ATMOSPHERIC REFRACTION
- ATTENUATION
- ∞ COHERENCE
- COLOR
- DEFLECTION
- DIFFRACTION
- ∞ DISPERSION
- ELASTIC WAVES
- ELECTROMAGNETIC RADIATION
- FADING
- LIGHT TRANSMISSION
- OPTICAL PATHS
- OPTICAL PROPERTIES
- RADIATION DISTRIBUTION
- RADIO WAVE REFRACTION
- REFRACTION
- SCATTERING
- SOUND-SOUND INTERACTIONS
- TRANSMISSION
- TRANSMISSION LOSS

WAVE DRAG

- GS DYNAMIC CHARACTERISTICS
- DRAG
- PRESSURE DRAG
- WAVE DRAG
- INTERFERENCE DRAG
- RT FRICTION DRAG
- SUPERSONIC DRAG

WAVE EQUATIONS

- SN (NOT EQUATIONS OF MOTION)
- GS WAVE EQUATIONS
- DIRAC EQUATION
- EIKONAL EQUATION
- KLEIN-GORDON EQUATION
- KORTEWEG-DEVIRES EQUATION
- LAME WAVE EQUATIONS
- SCHROEDINGER EQUATION
- BOLTZMANN-VLASOV EQUATION
- RT DENSITY WAVE MODEL

WAVE EQUATIONS--(cont.)

∞ EQUATIONS
 ∞ FORBIDDEN BANDS
 ∞ HELMHOLTZ EQUATIONS
 HYPERBOLIC DIFFERENTIAL EQUATIONS
 PARTIAL DIFFERENTIAL EQUATIONS
 QUANTUM THEORY

WAVE EXCITATION

GS EXCITATION
 . WAVE EXCITATION
 . . ACOUSTIC EXCITATION
 . . HARMONIC EXCITATION
 RT DIFFRACTION RADIATION
 STROKING TESTS
 ∞ WAVES

WAVE FRONT DEFORMATION

GS DEFORMATION
 . WAVE FRONT DEFORMATION
 RT ∞ INTERFERENCE

WAVE FRONT RECONSTRUCTION

GS RECONSTRUCTION
 . WAVE FRONT RECONSTRUCTION
 RT ACOUSTICAL HOLOGRAPHY
 DIFFRACTOMETERS
 HOLOGRAPHIC INTERFEROMETRY
 HOLOGRAPHIC SPECTROSCOPY
 HOLOGRAPHY
 KINOFORM
 MICROWAVE HOLOGRAPHY
 PHOTOGRAPHY
 WHITE LIGHT HOLOGRAPHY

WAVE FRONTS

GS WAVE FRONTS
 . SHOCK FRONTS
 RT CAUSTIC LINES
 EIKONAL EQUATION
 ∞ FRONTS
 HUYGENS PRINCIPLE
 PHASE COHERENCE
 PHASE VELOCITY
 SHOCK DISCONTINUITY
 ∞ WAVES

WAVE FUNCTIONS

GS WAVE FUNCTIONS
 . MOLECULAR ORBITALS
 . PAULI EXCLUSION PRINCIPLE
 RT FORBIDDEN TRANSITIONS
 HARTREE APPROXIMATION
 PERTURBATION THEORY
 SQUARE WAVES
 TIME FUNCTIONS

WAVE GENERATION

RT ELECTROMAGNETIC RADIATION
 FUNCTION GENERATORS
 ∞ GENERATORS
 HARMONIC GENERATIONS
 SHOCK WAVE GENERATORS

WAVE INCIDENCE CONTROL

RT ∞ CONTROL
 INCIDENT RADIATION

WAVE INTERACTION

GS WAVE INTERACTION
 . SHOCK WAVE INTERACTION
 . WAVE-PARTICLE INTERACTIONS
 RT ACOUSTIC COUPLING
 COUPLING
 DAMPING
 ELECTROACOUSTIC WAVES
 ELECTROMAGNETIC INTERACTIONS
 FOUR-WAVE MIXING
 ∞ INTERACTIONS
 INTERMODULATION
 MODULATION
 ORTHOGONAL MULTIPLEXING THEORY
 PLASMA INTERACTIONS
 PROPAGATION MODES
 SCATTERING
 SHOCK WAVE LUMINESCENCE
 SHOCK WAVE PROFILES
 SHOCK WAVE PROPAGATION

WAVE MOTION

USE WAVES

WAVE OSCILLATORS

USE OSCILLATORS

WAVE PACKETS

RT LONGITUDINAL WAVES
 PACKETS (COMMUNICATION)
 PLASMA WAVES
 QUANTUM MECHANICS
 TRANSVERSE WAVES

WAVE PROPAGATION

UF KIRCHHOFF-HUYGENS PRINCIPLE
 GS TRANSMISSION
 . WAVE PROPAGATION
 . . ACOUSTIC PROPAGATION
 . . DIFFRACTION PROPAGATION
 . . GROUND WAVE PROPAGATION
 . . IONOSPHERIC PROPAGATION
 . . IONOSPHERIC F-SCATTER
 . . . PROPAGATION
 . . LIGHT SCATTERING
 . . . HALOS
 . . SCATTER PROPAGATION
 . . IONOSPHERIC F-SCATTER
 . . . PROPAGATION
 . . SHOCK WAVE PROPAGATION
 . . TRANSEQUATORIAL PROPAGATION
 RT ACOUSTIC ATTENUATION
 ACOUSTIC MICROSCOPES
 ATMOSPHERIC ATTENUATION
 ATTENUATION
 AUTOMATIC PICTURE TRANSMISSION
 BEAM WAVEGUIDES
 ∞ COHERENCE
 COHERENT RADIATION
 ∞ CONDUCTION
 DIFFRACTION
 DOUBLE SIDEBAND TRANSMISSION
 ELECTROMAGNETIC ABSORPTION
 ELECTROMAGNETIC MISSILES
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 GEOMETRICAL ACOUSTICS
 GROUP VELOCITY
 HUYGENS PRINCIPLE
 HYDRAULIC ANALOGIES
 ION ACOUSTIC WAVES
 LAME WAVE EQUATIONS
 LIGHT TRANSMISSION
 LOSSY MEDIA
 MICROWAVE ATTENUATION
 MICROWAVE TRANSMISSION
 MULTIPATH TRANSMISSION
 NONADIABATIC THEORY
 PHASE VELOCITY
 PLASMA ACCELERATION
 PLASMA GUIDES
 ∞ PROPAGATION
 PROPAGATION MODES
 PROPAGATION VELOCITY
 PULSE DIFFRACTION
 RADAR ATTENUATION
 RADAR TRANSMISSION
 RADIO ATTENUATION
 RADIO TRANSMISSION
 REFRACTION
 SAGNAC EFFECT
 SCREEN EFFECT
 SHOCK FRONTS
 SHOCK WAVE ATTENUATION
 SHORT WAVE RADIO TRANSMISSION
 SINGLE SIDEBAND TRANSMISSION
 SOUND TRANSMISSION
 SQUARE WAVES
 STRESS WAVES
 TELEVISION TRANSMISSION
 WAVEFORMS
 WHISPERING GALLERY MODES
 WHITHAM RULE

WAVE RADIATION

USE ELECTROMAGNETIC RADIATION

WAVE REFLECTION

GS REFLECTION
 . WAVE REFLECTION
 . . MACH REFLECTION
 RT GROUND EFFECT (COMMUNICATIONS)
 REFLECTED WAVES
 SIGNAL REFLECTION
 SPREAD REFLECTION

WAVE RESISTANCE

RT BLAST LOADS
 EROSION
 IMPACT STRENGTH
 ∞ RESISTANCE
 STRUCTURAL STABILITY

WAVE SCATTERING

GS SCATTERING
 . WAVE SCATTERING
 . . ACOUSTIC SCATTERING
 . . REVERBERATION
 . . ATMOSPHERIC SCATTERING
 . . TROPOSPHERIC SCATTERING
 . . ELECTROMAGNETIC SCATTERING
 . . IONOSPHERIC F-SCATTER
 . . . PROPAGATION
 . . LIGHT SCATTERING
 . . . HALOS
 . . MICROWAVE SCATTERING
 . . MIE SCATTERING
 . . . RAYLEIGH SCATTERING
 . . RAMAN SPECTRA
 . . THOMSON SCATTERING
 . . X RAY SCATTERING
 RT FADDEEV EQUATIONS
 MAGNETIC DISPERSION
 RECIPROCITY THEOREM
 SCATTERING AMPLITUDE
 SCATTEROMETERS
 SHOCK FRONTS

WAVE-PARTICLE INTERACTIONS

GS PARTICLE INTERACTIONS
 . WAVE-PARTICLE INTERACTIONS
 WAVE INTERACTION
 . WAVE-PARTICLE INTERACTIONS
 RT BEAM INTERACTIONS
 ELECTROMAGNETIC INTERACTIONS
 ELECTROSTATIC WAVES
 MAGNETOHYDRODYNAMIC WAVES
 MAGNETOHYDRODYNAMICS
 PARTICLE ACCELERATION
 PLASMA ACCELERATION
 PLASMA INTERACTIONS
 PLASMA WAVES
 PLASMA-ELECTROMAGNETIC
 INTERACTION
 PLASMA-PARTICLE INTERACTIONS
 SPACE PLASMAS

WAVEFORMS

GS WAVEFORMS
 . PULSE AMPLITUDE
 . PULSE DURATION
 . SAWTOOTH WAVEFORMS
 . SQUARE WAVES
 RT FORM FACTORS
 SPEECH BASEBAND COMPRESSION
 TIME FUNCTIONS
 WAVE PROPAGATION

WAVEGUIDE ANTENNAS

GS ANTENNAS
 . WAVEGUIDE ANTENNAS
 . . HORN ANTENNAS
 RT LENS ANTENNAS
 MICROSTRIP ANTENNAS
 MICROWAVE ANTENNAS
 MONOPULSE ANTENNAS
 RADANT
 SLOT ANTENNAS
 YAGI ANTENNAS

WAVEGUIDE FILTERS

GS ELECTROMAGNETIC WAVE FILTERS
 . ELECTRIC FILTERS
 . . WAVEGUIDE FILTERS
 RT BANDSTOP FILTERS
 MICROWAVE FILTERS
 RADAR FILTERS
 WAVEGUIDES

WAVEGUIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . WAVEGUIDE LASERS
 RT ALUMINUM GALLIUM ARSENIDE LASERS
 CARBON DIOXIDE LASERS
 GALLIUM ARSENIDE LASERS
 HETEROJUNCTION DEVICES
 INFRARED LASERS
 LASER MODES
 LASER OUTPUTS
 OPTICAL WAVEGUIDES
 PULSED LASERS
 QUANTUM WELL LASERS
 SEMICONDUCTOR LASERS
 SURFACE EMITTING LASERS
 TUBE LASERS

WAVEGUIDE TUNERS

- GS TUNERS
- . **WAVEGUIDE TUNERS**
- RT IMPEDANCE MATCHING
- MODE TRANSFORMERS
- YTTRIUM-IRON GARNET

WAVEGUIDE WINDOWS

- RT IMPEDANCE MATCHING
- IRISES (MECHANICAL APERTURES)
- ∞ WINDOWS

WAVEGUIDES

- GS **WAVEGUIDES**
- . BEAM WAVEGUIDES
- . CIRCULAR WAVEGUIDES
- . EARTH-IONOSPHERE WAVEGUIDE
- . OPTICAL WAVEGUIDES
- . . OPTICAL FIBERS
- . PLASMA GUIDES
- . RECTANGULAR WAVEGUIDES
- RT ANTENNA FEEDS
- COAXIAL CABLES
- COMMUNICATION CABLES
- CROSSED FIELDS
- ELECTROMAGNETIC SURFACE WAVES
- GYRATORS
- IRISES (MECHANICAL APERTURES)
- MICROWAVE SWITCHING
- MICROWAVE TRANSMISSION
- PARALLEL PLATES
- PROPAGATION MODES
- SMITH CHART
- TRANSMISSION LINES
- WAVEGUIDE FILTERS

WAVELENGTH DIVISION MULTIPLEXING

- GS TRANSMISSION
- . MULTIPLEXING
- . . **WAVELENGTH DIVISION MULTIPLEXING**
- RT CODE DIVISION MULTIPLEXING
- DEMULTIPLEXING
- FREQUENCY DIVISION MULTIPLEXING
- ORTHOGONAL MULTIPLEXING THEORY
- TIME DIVISION MULTIPLEXING

WAVELENGTHS

- GS **WAVELENGTHS**
- . DE BROGLIE WAVELENGTHS
- RT ANTINODES
- HARMONICS
- INFRARED RADIATION
- LASER MODES
- LASER OUTPUTS
- LONGITUDINAL WAVES
- MASER OUTPUTS
- MILLIMETER WAVES
- NODES (STANDING WAVES)
- SPECTRAL EMISSION
- STANDING WAVES
- STOKES LAW OF RADIATION
- SUBMILLIMETER WAVES
- WHISPERING GALLERY MODES

WAVELET ANALYSIS

- RT COSINE SERIES
- FOURIER ANALYSIS
- FOURIER TRANSFORMATION
- FUNCTIONS (MATHEMATICS)
- IMAGE PROCESSING
- ORTHONORMAL FUNCTIONS
- SIGNAL ANALYSIS
- SIGNAL ENCODING
- SIGNAL PROCESSING
- SINE WAVES
- TIME FUNCTIONS
- TRANSFORMATIONS (MATHEMATICS)
- ∞ WAVES

WAVERIDERS

- GS AERODYNAMIC CONFIGURATIONS
- . **WAVERIDERS**
- RT AIRFOILS
- CARET WINGS
- DELTA WINGS
- HYPERSONIC FLIGHT
- HYPERSONIC VEHICLES
- LIFTING BODIES

∞ WAVES

- SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)

WAVES--(cont.)

- UF CRESTS
- RT WAVE MOTION
- BAROCLINIC WAVES
- BREAKWATERS
- CNOIDAL WAVES
- CORRUGATING
- CYLINDRICAL WAVES
- DETONATION WAVES
- DILATATIONAL WAVES
- EIKONAL EQUATION
- ELASTIC WAVES
- ELECTROACOUSTIC WAVES
- ELECTROMAGNETIC RADIATION
- ELECTROMAGNETIC SURFACE WAVES
- FRONTAL WAVES
- GRAVITATIONAL WAVES
- INTERNAL WAVES
- IONIC WAVES
- KILOMETRIC WAVES
- LITTORAL TRANSPORT
- LONGITUDINAL WAVES
- NODES (STANDING WAVES)
- PLANE WAVES
- PLANETARY WAVES
- REFRACTED WAVES
- SEISMIC WAVES
- SH WAVES
- SHOCK WAVES
- SINE WAVES
- SOUND WAVES
- SPHERICAL WAVES
- SQUARE WAVES
- STANDING WAVES
- STRESS WAVES
- SURFACE WAVES
- SURGES
- TIDAL WAVES
- TRANSVERSE WAVES
- TROPOSPHERIC WAVES
- VIBRATION
- WATER WAVES
- WATERWAVE ENERGY
- WAVE AMPLIFICATION
- WAVE EXCITATION
- WAVE FRONTS
- WAVELET ANALYSIS

WAXES

- GS **WAXES**
- . CERESIN
- RT ALKANES
- COATINGS
- CRUDE OIL
- FINISHES
- PHASE CHANGE MATERIALS

WEAK ENERGY INTERACTIONS

- GS DECAY
- . **WEAK ENERGY INTERACTIONS**
- . . **WEAK INTERACTIONS (FIELD THEORY)**
- PARTICLE INTERACTIONS
- . ELEMENTARY PARTICLE INTERACTIONS
- . . **WEAK ENERGY INTERACTIONS**
- . . . **WEAK INTERACTIONS (FIELD THEORY)**

- RT BETA PARTICLES
- GRAND UNIFIED THEORY
- GRAVITINOS
- ∞ INTERACTIONS
- PARTICLE THEORY

WEAK INTERACTIONS (FIELD THEORY)

- UF BETA INTERACTIONS
- GS DECAY
- . **WEAK ENERGY INTERACTIONS**
- . . **WEAK INTERACTIONS (FIELD THEORY)**
- FIELD THEORY (PHYSICS)
- . **WEAK INTERACTIONS (FIELD THEORY)**
- NUCLEAR REACTIONS
- . NUCLEAR INTERACTIONS
- . . **WEAK INTERACTIONS (FIELD THEORY)**
- PARTICLE INTERACTIONS
- . ELEMENTARY PARTICLE INTERACTIONS
- . . **WEAK ENERGY INTERACTIONS**
- . . . **WEAK INTERACTIONS (FIELD THEORY)**
- NUCLEAR INTERACTIONS
- . . **WEAK INTERACTIONS (FIELD THEORY)**

WEAK INTERACTIONS (FIELD THEORY)--(cont.)

- RT GRAND UNIFIED THEORY
- ∞ INTERACTIONS
- STRONG INTERACTIONS (FIELD THEORY)
- ∞ THEORIES

WEAPON SYSTEM MANAGEMENT

- GS MANAGEMENT
- . **WEAPON SYSTEM MANAGEMENT**
- RT PROJECT MANAGEMENT
- ∞ SYSTEMS

WEAPON SYSTEM 107A-1

- GS WEAPON SYSTEMS
- . **WEAPON SYSTEM 107A-1**

WEAPON SYSTEM 107A-2

- GS WEAPON SYSTEMS
- . **WEAPON SYSTEM 107A-2**

WEAPON SYSTEM 133A

- GS WEAPON SYSTEMS
- . **WEAPON SYSTEM 133A**

WEAPON SYSTEM 133B

- GS WEAPON SYSTEMS
- . **WEAPON SYSTEM 133B**

WEAPON SYSTEM 315A

- GS WEAPON SYSTEMS
- . **WEAPON SYSTEM 315A**

WEAPON SYSTEMS

- GS **WEAPON SYSTEMS**
- . GROUND OPERATIONAL SUPPORT SYSTEM
- . LASER WEAPONS
- . MISSILE SYSTEMS
- . . NIKE X SYSTEMS
- . . SAFEGUARD SYSTEM
- . . SENTINEL SYSTEM
- . . SUCCESS PROJECT
- . . TYPHON WEAPON SYSTEM
- . WEAPON SYSTEM 107A-1
- . WEAPON SYSTEM 107A-2
- . WEAPON SYSTEM 133A
- . WEAPON SYSTEM 133B
- . WEAPON SYSTEM 315A
- RT AIR TO SURFACE MISSILES
- ANTISHIP MISSILES
- FIRE CONTROL
- HARPOON MISSILE
- ∞ MILITARY AIRCRAFT
- MILITARY SPACECRAFT
- MISSILE LAUNCHERS
- MISSILES
- MOBILE MISSILE LAUNCHERS
- NUCLEAR WEAPONS
- ORDNANCE
- PANAVIA MILITARY AIRCRAFT
- ∞ ROCKETS
- SPACE WEAPONS
- ∞ SYSTEMS
- WEAPONS
- WEAPONS DEVELOPMENT

WEAPONS

- GS **WEAPONS**
- . GUNS (ORDNANCE)
- . . ARTILLERY
- . . . HOWITZERS
- . . RIFLES
- . LASER WEAPONS
- . MINES (ORDNANCE)
- . NUCLEAR WEAPONS
- . . FISSION WEAPONS
- . . FUSION WEAPONS
- . SPACE WEAPONS
- . WARHEADS
- . . NUCLEAR WARHEADS
- . . PRECISION GUIDED PROJECTILES
- RT AMMUNITION
- ANTIQUITIES
- ANTISHIP WARFARE
- ARMED FORCES (FOREIGN)
- ARMED FORCES (UNITED STATES)
- ∞ BALLISTIC VEHICLES
- DISARMAMENT
- FIRE CONTROL
- GUNNERY TRAINING
- MILITARY TECHNOLOGY
- MISSILES
- ORDNANCE
- PATRIOT MISSILE

WEAPONS--(cont.)
 PROJECTILES
 SHAPED CHARGES
 SHRAPNEL
 TANKS (COMBAT VEHICLES)
 TOMAHAWK MISSILES
 TORPEDOES
 WEAPON SYSTEMS
 WEAPONS DELIVERY
 WING-FUSELAGE STORES

WEAPONS DELIVERY
 GS DELIVERY
 . **WEAPONS DELIVERY**
 RT AIR DEFENSE
 ∞ AIRCRAFT
 DEFENSE PROGRAM
 MILITARY TECHNOLOGY
 MISSILE DEFENSE
 NUCLEAR WEAPONS
 ∞ ROCKETS
 SPACE WEAPONS
 WEAPONS

WEAPONS DEVELOPMENT
 GS PRODUCT DEVELOPMENT
 . **WEAPONS DEVELOPMENT**
 RT RESEARCH AND DEVELOPMENT
 WEAPON SYSTEMS

WEAPONS INDUSTRY
 GS INDUSTRIES
 . DEFENSE INDUSTRY
 . . **WEAPONS INDUSTRY**
 RT ARMED FORCES (UNITED STATES)
 MILITARY TECHNOLOGY

WEAR
 RT ABRASION
 CHIPPING
 CORROSION
 DAMAGE
 DEPRECIATION
 DETERIORATION
 DURABILITY
 EROSION
 FAILURE
 FLAKING
 FRETTING CORROSION
 FRICTION
 GRINDING (MATERIAL REMOVAL)
 HARDNESS
 REMOVAL
 SCORING
 SLIDING FRICTION
 SPALLING
 SURFACE FINISHING
 ∞ SURFACES
 SYSTEM FAILURES
 TRIBOLOGY
 WEAR RESISTANCE

WEAR INHIBITORS
 GS INHIBITORS
 . **WEAR INHIBITORS**
 RT RETARDANTS
 WEAR RESISTANCE

WEAR RESISTANCE
 GS MECHANICAL PROPERTIES
 . **WEAR RESISTANCE**
 . . ABRASION RESISTANCE
 RT ABRASION
 BOUNDARY LUBRICATION
 COEFFICIENT OF FRICTION
 DETERIORATION
 HARDNESS
 LUBRICANT TESTS
 ∞ RESISTANCE
 SLIDING FRICTION
 TOUGHNESS
 WEAR
 WEAR INHIBITORS
 WEAR TESTS

WEAR TESTS
 RT CUMULATIVE DAMAGE
 DESTRUCTIVE TESTS
 EROSION
 FERROGRAPHY
 FRETTING
 FRICTION
 HARDNESS TESTS
 ∞ MATERIALS TESTS
 QUALITY CONTROL

WEAR TESTS--(cont.)
 SPALLING
 STATIC TESTS
 ∞ TESTS
 WEAR RESISTANCE

WEATHER
 UF WEATHER CONDITIONS
 GS **WEATHER**
 . COLD WEATHER
 . HOT WEATHER
 RT AIRCRAFT ACCIDENTS
 AIRCRAFT HAZARDS
 AIRCRAFT SAFETY
 ALPINE METEOROLOGY
 ANNUAL VARIATIONS
 ANVIL CLOUDS
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 ATMOSPHERIC PRESSURE
 ATMOSPHERIC TEMPERATURE
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLIMATE
 CLIMATOLOGY
 CLOUDS (METEOROLOGY)
 FLIGHT HAZARDS
 FLIGHT PLANS
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 LONG TERM EFFECTS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 METEOSAT SATELLITE
 NAVIGATION AIDS
 PRECIPITATION (METEOROLOGY)
 RUNWAY CONDITIONS
 SEASONS
 SOLAR COMPASSES
 SOLAR TERRESTRIAL INTERACTIONS
 WIND (METEOROLOGY)

WEATHER CHARTS
 USE METEOROLOGICAL CHARTS

WEATHER CONDITIONS
 USE WEATHER

WEATHER CONTROL
 USE WEATHER MODIFICATION

WEATHER DATA RECORDERS
 GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . **WEATHER DATA RECORDERS**
 RECORDING INSTRUMENTS
 . **WEATHER DATA RECORDERS**
 RT AUTOMATIC WEATHER STATIONS
 ∞ DATA
 TELEMETRY

WEATHER FORECASTING
 GS FORECASTING
 . **WEATHER FORECASTING**
 . . LONG RANGE WEATHER
 FORECASTING
 . . NOWCASTING
 . . NUMERICAL WEATHER FORECASTING
 . . STATISTICAL WEATHER
 FORECASTING
 METEOROLOGY
 . **WEATHER FORECASTING**
 . . LONG RANGE WEATHER
 FORECASTING
 . . NOWCASTING
 . . NUMERICAL WEATHER FORECASTING
 . . STATISTICAL WEATHER
 FORECASTING
 RT AIR MASSES
 ATMOSPHERIC MODELS
 CIRRUS SHIELDS
 CLOUD COVER
 COLD FRONTS
 ENVIRONMENTAL MONITORING
 FLIGHT CONDITIONS
 FLOOD PREDICTIONS
 GARP ATLANTIC TROPICAL EXPERIMENT
 HUMIDITY
 METEOROLOGICAL BALLOONS
 METEOROLOGICAL FLIGHT
 METEOROLOGICAL RADAR
 METEOROLOGICAL SATELLITES
 METEOROLOGICAL SERVICES
 NEPHANALYSIS

WEATHER FORECASTING--(cont.)
 PRECIPITATION (METEOROLOGY)
 SNOWSTORMS
 STORMS
 STORMS (METEOROLOGY)
 SYNOPTIC METEOROLOGY
 WARM FRONTS
 WIND (METEOROLOGY)

WEATHER FRONTS
 USE FRONTS (METEOROLOGY)

WEATHER MAPS
 USE METEOROLOGICAL CHARTS

WEATHER MODIFICATION
 UF WEATHER CONTROL
 GS **WEATHER MODIFICATION**
 . CLOUD DISPERSAL
 . CLOUD SEEDING
 . FOG DISPERSAL
 . LIGHTNING SUPPRESSION
 . RAINMAKING
 . STORM ENHANCEMENT
 . STORM SUPPRESSION
 RT ARTIFICIAL CLOUDS
 CLOUD PHYSICS
 ∞ CONTROL
 ENVIRONMENTAL CONTROL
 HEAT ISLANDS
 SNOWSTORMS

WEATHER RADAR
 USE METEOROLOGICAL RADAR

WEATHER RECONNAISSANCE AIRCRAFT
 GS RECONNAISSANCE AIRCRAFT
 . **WEATHER RECONNAISSANCE**
 AIRCRAFT
 RT ∞ AIRCRAFT
 GLOBAL ATMOSPHERIC RESEARCH
 PROGRAM
 METEOROLOGICAL INSTRUMENTS
 OBSERVATION AIRCRAFT
 RB-50 AIRCRAFT

WEATHER STATIONS
 UF METEOROLOGICAL STATIONS
 GS STATIONS
 . **WEATHER STATIONS**
 . . AUTOMATIC WEATHER STATIONS
 RT GROUND STATIONS
 INSTRUMENT PACKAGES
 INTEGRATED GLOBAL OCEAN STATION
 SYSTEMS
 METEOROLOGICAL INSTRUMENTS
 METEOROLOGICAL SATELLITES
 METEOROLOGICAL SERVICES
 OCEAN DATA ACQUISITIONS SYSTEMS

WEATHERING
 RT CORROSION
 CORROSION TESTS
 CURING
 DAMAGE
 DEGRADATION
 DETERIORATION
 EARTH ATMOSPHERE
 EROSION
 EXPOSURE
 MECHANICAL PROPERTIES
 RUSTING
 SOIL EROSION

WEATHERPROOFING
 RT COATINGS
 COLD WEATHER
 CORROSION PREVENTION
 MOISTURE RESISTANCE
 PACKAGING
 PRESERVING
 WATERPROOFING

WEAVING
 RT FABRICS
 SEWING
 WOVEN COMPOSITES

WEBBING
 RT FABRICS
 MESH
 ∞ WEBS
 WEBS (SHEETS)

WEBER TEST

- GS PHYSIOLOGICAL TESTS
- WEBER TEST
- RT AUDITORY PERCEPTION
- BINAURAL HEARING

WEBER-FECHNER LAW

- GS LAWS
- WEBER-FECHNER LAW

WEBS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT MEMBRANES
- MESH
- WEBBING
- WEBS (SHEETS)
- WEBS (SUPPORTS)

WEBS (MEMBRANES)

- USE MEMBRANES

WEBS (SHEETS)

- SN *(EXCLUDES POLYMERIC FILMS AND STRUCTURAL REINFORCEMENTS)*
- RT DIAPHRAGMS (MECHANICS)
- ELASTIC SHEETS
- FABRICS
- ∞ FILMS
- MEMBRANES
- PAPER (MATERIAL)
- PAPERS
- ∞ ROVINGS
- ∞ SHEETS
- WEBBING
- WEBS (SUPPORTS)

WEBS (SUPPORTS)

- GS WEBS (SUPPORTS)
- GIRDER WEBS
- RT DIAPHRAGMS (MECHANICS)
- ELASTIC SHEETS
- MEMBRANE STRUCTURES
- MEMBRANES
- RIBS (SUPPORTS)
- SKIN (STRUCTURAL MEMBER)
- STIFFENING
- WEBS (SHEETS)

WEDGE FLOW

- GS FLUID FLOW
- WEDGE FLOW
- RT BLASIUS FLOW
- CONICAL FLOW
- FALKNER-SKAN EQUATION
- FLOW GEOMETRY
- LAMINAR FLOW
- SHOCK WAVES
- SUPERSONIC FLOW
- THREE DIMENSIONAL FLOW
- TWO DIMENSIONAL FLOW
- VISCOUS FLOW

WEDGES

- RT AERODYNAMIC CONFIGURATIONS
- AIRFOIL PROFILES
- AIRFOILS

WEIBEL INSTABILITY

- GS DYNAMIC CHARACTERISTICS
- DYNAMIC STABILITY
- MOTION STABILITY
- FLOW STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY
- FLOW CHARACTERISTICS
- FLOW STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY
- STABILITY
- DYNAMIC STABILITY
- MOTION STABILITY
- FLOW STABILITY
- MAGNETOHYDRODYNAMIC STABILITY
- WEIBEL INSTABILITY
- PLASMA INTERACTIONS

WEIBULL DENSITY FUNCTIONS

- GS FUNCTIONS (MATHEMATICS)
- PROBABILITY DENSITY FUNCTIONS

WEIBULL DENSITY FUNCTIONS--(cont.)

- WEIBULL DENSITY FUNCTIONS
- STATISTICAL ANALYSIS
- PROBABILITY DENSITY FUNCTIONS
- WEIBULL DENSITY FUNCTIONS
- RT EXPONENTIAL FUNCTIONS
- FATIGUE TESTS
- SAMPLING

WEIERSTRASS FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
- REAL VARIABLES
- WEIERSTRASS FUNCTIONS
- RT ELLIPTIC FUNCTIONS
- JACOBI INTEGRAL

WEIGHT

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT ATOMIC WEIGHTS
- BIOMASS
- COEFFICIENTS
- PAYLOADS
- WEIGHT (MASS)

WEIGHT (MASS)

- UF WEIGHT FACTORS
- GS WEIGHT (MASS)
- ATOMIC WEIGHTS
- BIOMASS
- BODY WEIGHT
- ORGAN WEIGHT
- STRUCTURAL WEIGHT
- RT CENTER OF MASS
- ∞ FORCE
- GRAVITATION
- LOADS (FORCES)
- LOW MOLECULAR WEIGHTS
- MASCONS
- MASS
- MOLECULAR WEIGHT
- PAYLOADS
- PRESSURE
- VOLUME
- ∞ WEIGHT

WEIGHT ANALYSIS

- RT ∞ ANALYZING
- NEW MOONS PROJECT
- PREFLIGHT ANALYSIS
- STRUCTURAL WEIGHT
- SYSTEMS ANALYSIS

WEIGHT FACTORS

- USE WEIGHT (MASS)

WEIGHT INDICATORS

- UF WIND TUNNEL BALANCES
- GS MEASURING INSTRUMENTS
- INDICATING INSTRUMENTS
- WEIGHT INDICATORS
- MICROBALANCES
- STRAIN GAGE BALANCES
- THERMOBALANCES
- RT BALANCE
- MECHANICAL MEASUREMENT
- PRESSURE GAGES
- PRESSURE MEASUREMENT
- ∞ SCALE
- STRAIN GAGES
- TENSOMETERS

WEIGHT MEASUREMENT

- UF MICROWEIGHING
- RT DENSITY (MASS/VOLUME)
- HYDROMETERS
- ∞ MEASUREMENT

WEIGHT REDUCTION

- RT AIRCRAFT DESIGN
- SPACECRAFT DESIGN
- STRUCTURAL DESIGN
- STRUCTURAL WEIGHT
- SYSTEMS ANALYSIS

WEIGHTING FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
- REAL VARIABLES
- MEASURE AND INTEGRATION
- WEIGHTING FUNCTIONS
- FUNCTIONS (MATHEMATICS)
- WEIGHTING FUNCTIONS
- RT STATISTICAL MECHANICS

WEIGHTLESS FLUIDS

- RT ∞ FLUIDS
- VISCOUS FLUIDS

WEIGHTLESSNESS

- UF ZERO GRAVITY
- RT AEROSPACE MEDICINE
- ARTIFICIAL GRAVITY
- ASTRONAUT PERFORMANCE
- ∞ ASTRONAUTICS
- BIOPROCESSING
- BLACKOUT PREVENTION
- BODY WEIGHT
- BONE DEMINERALIZATION
- CONTAINERLESS MELTS
- DISORIENTATION
- DROP TOWERS
- ELECTROLYTE METABOLISM
- ENVIRONMENTS
- EXTRAVEHICULAR ACTIVITY
- FLIGHT STRESS (BIOLOGY)
- FREE FALL
- GRAVITATION
- GRAVITATIONAL EFFECTS
- INTRAVEHICULAR ACTIVITY
- LIFE SUPPORT SYSTEMS
- LOW WEIGHT
- LOWER BODY NEGATIVE PRESSURE
- NEUTRAL BUOYANCY SIMULATION
- PARABOLIC FLIGHT
- SPACE ADAPTATION SYNDROME
- SPACE FLIGHT STRESS
- SPACE MANUFACTURING
- SPACE PROCESSING APPLICATIONS
- ROCKET
- SPACEBORNE EXPERIMENTS
- SPACECRAFT ENVIRONMENTS
- SUBORBITAL FLIGHT

WEIGHTLESSNESS SIMULATION

- GS SIMULATION
- ENVIRONMENT SIMULATION
- SPACE ENVIRONMENT SIMULATION
- WEIGHTLESSNESS SIMULATION
- NEUTRAL BUOYANCY SIMULATION
- RT FLIGHT SIMULATION
- HEAD DOWN TILT
- LANGLEY COMPLEX COORDINATOR
- PARABOLIC FLIGHT
- SUBMERGING

WELD STRENGTH

- GS MECHANICAL PROPERTIES
- WELD STRENGTH
- RT ∞ STRENGTH
- WELDABILITY
- WELDED JOINTS

WELD TESTS

- RT FATIGUE TESTS
- ∞ TESTS
- WELDED JOINTS

WELDABILITY

- RT BRITTLINESS
- DUCTILITY
- HEAT AFFECTED ZONE
- WELD STRENGTH

WELDED JOINTS

- GS JOINTS (JUNCTIONS)
- METAL JOINTS
- WELDED JOINTS
- SPOT WELDS
- RT BEADS
- BONDED JOINTS
- BUTT JOINTS
- LAP JOINTS
- RIVETED JOINTS
- WELD STRENGTH
- WELD TESTS
- WELDING

WELDED STRUCTURES

- GS WELDED STRUCTURES
- STEEL STRUCTURES
- RT RIGID STRUCTURES
- ∞ STRUCTURES

WELDING

- GS WELDING
- FUSION WELDING
- ELECTRIC WELDING
- ARC WELDING
- GAS TUNGSTEN ARC WELDING

WELDING--(cont.)

- ... PLASMA ARC WELDING
- ... ELECTROSLAG WELDING
- ... FLASH WELDING
- ... ELECTRON BEAM WELDING
- ... GAS WELDING
- ... BRAZING
- ... LOW TEMPERATURE BRAZING
- ... LASER WELDING
- ... PRESSURE WELDING
- ... COLD WELDING
- ... DIFFUSION WELDING
- ... EXPLOSIVE WELDING
- ... FRICTION WELDING
- ... ULTRASONIC WELDING
- RT BACKUPS
- BEADS
- BONDING
- CONSTRUCTION
- FILLETS
- FLAME PLATING
- FLUXES
- FUSIBILITY
- HEAT AFFECTED ZONE
- ∞ JOINING
- METAL BONDING
- METAL-METAL BONDING
- SEALING
- SOLDERING
- TORCHES
- WELDED JOINTS

WELDING MACHINES

- RT ∞ ELECTRIC EQUIPMENT
- ELECTRIC WELDING
- ∞ MACHINERY
- TORCHES

WELLS

- RT AQUIFERS
- DRILLING
- GROUND WATER
- LIMNOLOGY
- OASES
- SPRINGS (WATER)
- SQUARE WELLS
- STRATIGRAPHY

WENTZEL-KRAMER-BRILLOUIN METHOD

- UF WKB APPROXIMATION
- RT DE BROGLIE WAVELENGTHS
- ∞ METHODOLOGY
- PERTURBATION THEORY
- PLANCKS CONSTANT
- SCHROEDINGER EQUATION

WESER AIRCRAFT

- RT ∞ AIRCRAFT
- HELICOPTERS
- ROTARY WING AIRCRAFT
- V/STOL AIRCRAFT

WEST COMET

- GS CELESTIAL BODIES
- COMETS
- ... WEST COMET
- RT SOLAR SYSTEM

WEST FORD PROJECT

- GS PROGRAMS
- PROJECTS
- ... WEST FORD PROJECT

WEST GERMANY

- UF FEDERAL REPUBLIC OF GERMANY
- GS NATIONS
- ... WEST GERMANY
- RT ALPS MOUNTAINS (EUROPE)
- AZUR SATELLITE
- CENTRAL EUROPE
- EAST GERMANY
- EUROPE
- GERMAN INFRARED LABORATORY
- GERMAN SPACE PROGRAM
- GERMANY

WEST INDIES

- GS LANDFORMS
- ISLANDS
- ... WEST INDIES
- ... ANTIGUA AND BARBUDA
- ... BAHAMAS
- ... BARBADOS
- ... CUBA
- ... DOMINICA

WEST INDIES--(cont.)

- ... GRENADA
- ... GUADELOUPE
- ... HAITI
- ... JAMAICA
- ... LESSER ANTILLES
- ... MARTINIQUE
- ... PUERTO RICO
- ... TRINIDAD AND TOBAGO
- ... VIRGIN ISLANDS
- RT ATLANTIC OCEAN
- CARIBBEAN REGION

WEST VIRGINIA

- GS NATIONS
- UNITED STATES
- ... WEST VIRGINIA
- RT ALLEGHENY PLATEAU (US)
- OHIO RIVER (US)
- POTOMAC RIVER VALLEY (MD-VA-WV)

WESTAR SATELLITES

- GS ARTIFICIAL SATELLITES
- COMMUNICATION SATELLITES
- ... WESTAR SATELLITES
- RT POINT TO POINT COMMUNICATION
- TELECOMMUNICATION
- TELEGRAPH SYSTEMS

WESTERN HEMISPHERE

- RT EARTH (PLANET)
- EASTERN HEMISPHERE
- GEOGRAPHY

WESTLAND AIRCRAFT

- GS WESTLAND AIRCRAFT
- P-531 HELICOPTER
- WESTLAND WHIRLWIND HELICOPTER
- RT ∞ AIRCRAFT
- HELICOPTERS
- ROTARY WING AIRCRAFT
- V/STOL AIRCRAFT

WESTLAND GROUND EFFECT MACHINES

- UF SR-N2 GROUND EFFECT MACHINE
- SR-N3 GROUND EFFECT MACHINE
- SR-N5 GROUND EFFECT MACHINE
- WESTLAND SR-N2 GROUND EFFECT MACHINE
- WESTLAND SR-N2 HOVERCRAFT
- WESTLAND SR-N3 GROUND EFFECT MACHINE
- WESTLAND SR-N3 HOVERCRAFT
- WESTLAND SR-N5 GROUND EFFECT MACHINE
- GS GROUND EFFECT MACHINES
- ... WESTLAND GROUND EFFECT MACHINES
- RT ∞ AIRCRAFT

WESTLAND MK-10 HELICOPTER

- USE WESTLAND WHIRLWIND HELICOPTER

WESTLAND P-531 HELICOPTER

- USE P-531 HELICOPTER

WESTLAND SR-N2 GROUND EFFECT MACHINE

- USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N2 HOVERCRAFT

- USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N3 GROUND EFFECT MACHINE

- USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N3 HOVERCRAFT

- USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N5 GROUND EFFECT MACHINE

- USE WESTLAND GROUND EFFECT MACHINES

WESTLAND WHIRLWIND HELICOPTER

- UF WESTLAND MK-10 HELICOPTER
- WHIRLWIND MK-10 HELICOPTER
- GS UTILITY AIRCRAFT
- ... WESTLAND WHIRLWIND HELICOPTER
- V/STOL AIRCRAFT
- ... ROTARY WING AIRCRAFT
- ... HELICOPTERS
- ... MILITARY HELICOPTERS
- ... WESTLAND WHIRLWIND HELICOPTER
- WESTLAND AIRCRAFT
- ... WESTLAND WHIRLWIND HELICOPTER

WESTLAND WHIRLWIND HELICOPTER--(cont.)

- RT ∞ AIRCRAFT

WET CELLS

- GS ELECTROCHEMICAL CELLS
- ELECTRIC BATTERIES
- ... WET CELLS
- RT ∞ ELECTRIC CELLS
- ELECTROLYTES
- FUEL CELLS
- NONAQUEOUS ELECTROLYTES
- PRIMARY BATTERIES

WET SPINNING

- RT EXTRUDING
- FIBERS
- ∞ FILAMENTS
- ∞ PROCESSING
- SYNTHETIC FIBERS
- TEXTILES
- WETTING

WETLANDS

- GS LAND
- ... WETLANDS
- RT COASTAL CURRENTS
- COASTAL ECOLOGY
- COASTAL PLAINS
- COASTAL WATER
- ENVIRONMENT EFFECTS
- FISHERIES
- MARINE BIOLOGY
- MARINE ENVIRONMENTS
- MARINE RESOURCES
- MARSHLANDS
- NEARSHORE WATER
- OCEANOGRAPHY
- OIL POLLUTION
- SEA GRASSES
- SHORELINES
- TIDES
- WATER RESOURCES
- WATERFOWL
- WILDLIFE

WETNESS

- USE MOISTURE CONTENT

WETTABILITY

- RT ADHESION
- ADHESION TESTS
- FORMATIONS
- HYGROSCOPICITY
- PERMEABILITY
- POROSITY
- SURFACE PROPERTIES
- WETTING

WETTING

- RT COOLING
- DIPPING
- FOAMING
- INTERFACIAL TENSION
- ∞ SATURATION
- ∞ SOAKING
- SOAPS
- SPRAYING
- SPRINKLING
- SUBMERGING
- WET SPINNING
- WETTABILITY

WHALES

- GS ANIMALS
- ... VERTEBRATES
- ... MAMMALS
- ... MARINE MAMMALS
- ... WHALES

WHARVES

- UF PIERS
- RT CARGO SHIPS
- DAMS
- EARTH RESOURCES
- FREIGHTERS
- HARBORS
- MARINE TECHNOLOGY
- MATERIALS HANDLING
- ∞ PORTS
- RIVERS
- SHIP TERMINALS
- TANKER SHIPS
- TERMINAL FACILITIES
- WATER

WHEAT

- GS FARM CROPS
 . GRAINS (FOOD)
 . **WHEAT**
 RT CROP GROWTH
 CROP VIGOR
 ∞ CROPS
 RICE

WHEATSTONE BRIDGES

- GS CIRCUITS
 . ELECTRIC BRIDGES
 . WIRE BRIDGE CIRCUITS
 . . **WHEATSTONE BRIDGES**
 RT MEASURING INSTRUMENTS
 OHMMETERS

WHEEL BRAKES

- GS BRAKES (FOR ARRESTING MOTION)
 . **WHEEL BRAKES**
 RT AIRCRAFT BRAKES
 AIRCRAFT SAFETY
 ANTISKID DEVICES
 CONTROLLABILITY
 FRICTION
 HYDRAULIC EQUIPMENT
 LANDING GEAR
 TIRES
 VEHICLE WHEELS

WHEELCHAIRS

- RT DISABILITIES
 HUMAN FACTORS ENGINEERING
 LOCOMOTION
 RAMPS (STRUCTURES)

WHEELS

- GS **WHEELS**
 . COUNTER-ROTATING WHEELS
 . FLYWHEELS
 . REACTION WHEELS
 . TOROIDAL WHEELS
 . TURBINE WHEELS
 . VEHICLE WHEELS
 . NOSE WHEELS
 . WATER WHEELS
 RT BEARINGS
 BRAKES (FOR ARRESTING MOTION)
 GEARS
 HUBS
 LANDING GEAR
 PULLEYS
 ROLLERS
 ROTORS
 SHAFTS (MACHINE ELEMENTS)
 SPOKES
 TIRES

WHIP ANTENNAS

- GS ANTENNAS
 . OMNIDIRECTIONAL ANTENNAS
 . MONOPOLE ANTENNAS
 . . **WHIP ANTENNAS**
 RT RADIO ANTENNAS

WHIPLASH INJURIES

- GS INJURIES
 . **WHIPLASH INJURIES**
 RT BACK INJURIES
 CRASH INJURIES

WHIRL

- USE ROTATION

WHIRL INSTABILITY

- USE ROTARY STABILITY

WHIRL TOWERS

- RT HELICOPTER DESIGN
 HOVERING
 HOVERING STABILITY
 PARACHUTES
 ROTARY WINGS
 ROTOR AERODYNAMICS
 SPIN TESTS

WHIRLING

- USE ROTATION

WHIRLING TESTS

- USE SPIN TESTS

WHIRLWIND MK-10 HELICOPTER

- USE WESTLAND WHIRLWIND HELICOPTER

WHISKER COMPOSITES

- UF METAL WHISKER REINFORCEMENT
 GS COMPOSITE MATERIALS
 . **WHISKER COMPOSITES**
 RT ARAMID FIBER COMPOSITES
 EUTECTIC ALLOYS
 METAL MATRIX COMPOSITES
 REINFORCING FIBERS

WHISKERS (CRYSTALS)

- GS CRYSTALS
 . **WHISKERS (CRYSTALS)**
 RT DENDRITIC CRYSTALS
 FIBERS
 ∞ FILAMENTS

WHISPERING GALLERY MODES

- GS MODES
 . PROPAGATION MODES
 . . **WHISPERING GALLERY MODES**
 RT ACOUSTIC FREQUENCIES
 ACOUSTIC PROPAGATION
 ELECTROMAGNETIC RADIATION
 ELECTROMAGNETIC WAVE
 TRANSMISSION
 WAVE PROPAGATION
 WAVELENGTHS

WHISTLER RECORDERS

- GS COMMUNICATION EQUIPMENT
 . RADIO RECEIVERS
 . . **WHISTLER RECORDERS**
 RADIO EQUIPMENT
 . RADIO RECEIVERS
 . . **WHISTLER RECORDERS**
 RECEIVERS
 . RADIO RECEIVERS
 . . **WHISTLER RECORDERS**
 RECORDING INSTRUMENTS
 . **WHISTLER RECORDERS**
 RT SONOGRAMS

WHISTLERS

- GS ATMOSPHERIC RADIATION
 . IONOSPHERIC NOISE
 . . **WHISTLERS**
 ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 ATMOSPHERICS
 **WHISTLERS**
 IONOSPHERIC NOISE
 **WHISTLERS**
 ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . SKY WAVES
 . . **WHISTLERS**
 RT DAWN CHORUS
 ELECTROMAGNETIC FIELDS
 LIGHTNING
 MICROWAVES
 RADIO SIGNALS
 SONOGRAMS

WHITE BLOOD CELLS

- USE LEUKOCYTES

WHITE DWARF STARS

- GS CELESTIAL BODIES
 . STARS
 . . EARLY STARS
 . . . HOT STARS
 **WHITE DWARF STARS**
 RT CATAclysmic VARIABLES
 DEGENERATE MATTER
 DWARF NOVAE
 DWARF STARS
 RED DWARF STARS
 SUBDWARF STARS
 SUPERNOVA REMNANTS
 WOLF-RAYET STARS

WHITE HOLES (ASTRONOMY)

- GS CELESTIAL BODIES
 . STARS
 . . **WHITE HOLES (ASTRONOMY)**
 RT BLACK HOLES (ASTRONOMY)
 COSMOLOGY
 ELECTROMAGNETIC RADIATION
 EVENT HORIZON
 GRAVITATIONAL COLLAPSE
 GRAVITATIONAL LENSES
 LIGHT EMISSION
 NAKED SINGULARITIES
 SUPERNOVA REMNANTS

WHITE LIGHT HOLOGRAPHY

- GS IMAGERY
 . HOLOGRAPHY
 . . **WHITE LIGHT HOLOGRAPHY**
 PHOTOGRAPHY
 . HOLOGRAPHY
 . . **WHITE LIGHT HOLOGRAPHY**
 RT DATA STORAGE
 WAVE FRONT RECONSTRUCTION

WHITE NOISE

- UF SPECTRAL NOISE
 GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . **WHITE NOISE**
 THERMAL NOISE
 RT ELECTROMAGNETIC NOISE
 MEASUREMENT
 JAMMING
 ∞ NOISE
 NOISE (SOUND)
 NOISE SPECTRA
 RANDOM NOISE
 SIGNAL TO NOISE RATIOS
 SPECTRAL BANDS

WHITEOUT

- RT VISIBILITY
 VISUAL FLIGHT

WHITHAM RULE

- GS RULES
 . **WHITHAM RULE**
 RT SHOCK WAVES
 WAVE PROPAGATION

WHITTAKER FUNCTIONS

- GS ANALYSIS (MATHEMATICS)
 . REAL VARIABLES
 . . **WHITTAKER FUNCTIONS**
 FUNCTIONS (MATHEMATICS)
 . **WHITTAKER FUNCTIONS**
 RT DIFFERENTIAL EQUATIONS

WICKS

- RT FUSES (ORDNANCE)

WIDE ANGLE LENSES

- GS LENSES
 . **WIDE ANGLE LENSES**
 OPTICAL EQUIPMENT
 . **WIDE ANGLE LENSES**
 RT ALL SKY PHOTOGRAPHY
 CAMERAS
 PANORAMIC CAMERAS

WIDEBAND

- USE BROADBAND

WIDEBAND COMMUNICATION

- GS TELECOMMUNICATION
 . **WIDEBAND COMMUNICATION**
 RT BROADBAND AMPLIFIERS
 CODE DIVISION MULTIPLE ACCESS
 MULTIPLE ACCESS
 POINT TO POINT COMMUNICATION
 TIME DIVISION MULTIPLE ACCESS
 TROPOSPHERIC SCATTERING

WIDMANSTATTEN STRUCTURE

- GS CRYSTAL STRUCTURE
 . **WIDMANSTATTEN STRUCTURE**
 MICROSTRUCTURE
 . **WIDMANSTATTEN STRUCTURE**
 RT IRON METEORITES
 METALLOGRAPHY
 METEORITIC MICROSTRUCTURES
 ∞ PATTERNS

WIDTH

- GS DIMENSIONS
 . **WIDTH**
 RT BANDWIDTH
 ∞ SPAN

WIENER FILTERING

- RT ELECTRIC FILTERS
 OPTIMIZATION
 STATISTICAL ANALYSIS

WIENER HOPF EQUATIONS

- GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS

WIENER HOPF EQUATIONS--(cont.)

- ... INTEGRAL EQUATIONS
- ... **WIENER HOPF EQUATIONS**
- RT ∞ EQUATIONS

WIGGLER MAGNETS

- GS **MAGNETS**
 - ... **WIGGLER MAGNETS**
 - REFLECTORS
- RT **WIGGLER MAGNETS**
 - DIFFRACTION RADIATION
 - FREE ELECTRON LASERS
 - LASER PUMPING
 - TUNABLE LASERS

WIGHTMAN THEORY

- USE FIELD THEORY (PHYSICS)
- QUANTUM THEORY
- RELATIVISTIC THEORY

WIGNER COEFFICIENT

- GS COEFFICIENTS
- ... **WIGNER COEFFICIENT**
- RT ANGULAR MOMENTUM
- ∞ MECHANICS (PHYSICS)

WILDERNESS

- RT DESERTS
- FORESTS
- LAND MANAGEMENT
- PLAINS
- REMOTE REGIONS
- RURAL AREAS

WILDLIFE

- GS ANIMALS
- ... **WILDLIFE**
- RT BIRDS
- ENDANGERED SPECIES
- ENVIRONMENT EFFECTS
- FISHES
- HABITATS
- WETLANDS

WILDLIFE RADIOLOCATION

- GS TRACKING (POSITION)
- ... RADIO TRACKING
- ... **WILDLIFE RADIOLOCATION**
- RT ANIMALS
- BIOINSTRUMENTATION
- BIOTELEMETRY
- RADIO TRANSMITTERS
- REMOTE SENSORS
- SATELLITE INSTRUMENTS
- SATELLITE OBSERVATION
- TRIANGULATION

WILLISTON BASIN (NORTH AMERICA)

- GS LANDFORMS
- ... STRUCTURAL BASINS
- ... **WILLISTON BASIN (NORTH AMERICA)**
- RT CANADA
- MONTANA
- NORTH AMERICA
- NORTH DAKOTA

WINCHES

- RT CRANES
- ELEVATORS (LIFTS)
- ∞ LIFTS
- PULLEYS

WIND (METEOROLOGY)

- GS **WIND (METEOROLOGY)**
 - ... CIRCUMPOLAR WESTERLIES
 - ... GROUND WIND
 - ... GUSTS
 - ... MONSOONS
 - ... SEA BREEZE
 - ... SQUALLS
 - ... WINDS ALOFT
 - ... GEOSTROPHIC WIND
 - ... JET STREAMS (METEOROLOGY)
- RT AEOLIAN TONES
- AEROLOGY
- AIR CURRENTS
- AIR POLLUTION
- ALPINE METEOROLOGY
- ANEMOMETERS
- ATMOSPHERIC CIRCULATION
- BAROTROPIC FLOW
- ∞ BARRIERS
- BLOWING
- CLIMATOLOGY

WIND (METEOROLOGY)--(cont.)

- CYCLONES
- GRAVITY WAVES
- HOT-FILM ANEMOMETERS
- JIMSPHERE BALLOONS
- MARINE METEOROLOGY
- MERIDIONAL FLOW
- MESOSCALE PHENOMENA
- METEOROLOGY
- MIXING HEIGHT
- PRESSURE ICE
- RIPPLES
- STORM DAMAGE
- STORMS
- STORMS (METEOROLOGY)
- THUNDERSTORMS
- TIDAL WAVES
- TORNADOES
- UPWELLING WATER
- VERTICAL AIR CURRENTS
- WEATHER
- WEATHER FORECASTING
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWER UTILIZATION
- WINDPOWERED GENERATORS
- ZONAL FLOW (METEOROLOGY)

WIND CIRCULATION

- USE ATMOSPHERIC CIRCULATION

WIND DIRECTION

- RT ATMOSPHERIC CIRCULATION
- GROUND WIND
- MERIDIONAL FLOW
- SEA BREEZE
- SMOKE TRAILS
- UPSTREAM
- UPWELLING WATER
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWERED GENERATORS
- ZONAL FLOW (METEOROLOGY)

WIND EFFECTS

- RT ATMOSPHERIC EFFECTS
- DUNES
- DUST STORMS
- ∞ EFFECTS
- EROSION
- GROUND WIND
- PRESSURE EFFECTS
- SEA BREEZE
- SEA ROUGHNESS
- SEA STATES
- SOIL EROSION
- TURBULENCE
- WATER CIRCULATION

WIND ENERGY

- USE WINDPOWER UTILIZATION

WIND EROSION

- GS EROSION
- ... **WIND EROSION**
- RT ATMOSPHERIC EFFECTS
- GROUND WIND
- SEA BREEZE
- WATER EROSION

WIND MEASUREMENT

- GS MECHANICAL MEASUREMENT
- ... **WIND MEASUREMENT**
- ... WIND VELOCITY MEASUREMENT
- RT AERODYNAMICS
- ANEMOMETERS
- HOT-FILM ANEMOMETERS
- ∞ MEASUREMENT
- METEOROLOGICAL PARAMETERS
- METEOROLOGY
- RAWINSONDES
- SEA BREEZE
- SMOKE TRAILS

WIND PRESSURE

- GS PRESSURE
- ... **WIND PRESSURE**
- RT DYNAMIC LOADS
- GROUND WIND
- GUST LOADS
- LOADS (FORCES)
- WINDPOWER UTILIZATION
- WINDPOWERED GENERATORS

WIND PROFILES

- RT ATMOSPHERIC CIRCULATION
- GROUND WIND

WIND PROFILES--(cont.)

- ∞ PROFILES
- RADIAL DISTRIBUTION
- SMOKE TRAILS
- VERTICAL DISTRIBUTION
- ZONAL FLOW (METEOROLOGY)

WIND RIVER RANGE (WY)

- GS LANDFORMS
- ... MOUNTAINS
- ... **WIND RIVER RANGE (WY)**
- RT WYOMING

WIND SHEAR

- UF DUNGEYS WIND SHEAR MECHANISM
- RT AVIATION METEOROLOGY
- BAROTROPIC FLOW
- CLEAR AIR TURBULENCE
- DOWNBURSTS
- GEOSTROPHIC WIND
- GROUND WIND
- MICROBURSTS (METEOROLOGY)

WIND TUNNEL APPARATUS

- UF WIND TUNNEL BALANCES
- GS **WIND TUNNEL APPARATUS**
 - ... WIND TUNNEL DRIVES
 - ... WIND TUNNEL NOZZLES
- RT ∞ EQUIPMENT
- SUPERSONIC TEST APPARATUS

WIND TUNNEL BALANCES

- USE WEIGHT INDICATORS
- WIND TUNNEL APPARATUS

WIND TUNNEL CALIBRATION

- GS CALIBRATING
- ... **WIND TUNNEL CALIBRATION**
- RT MEASURING INSTRUMENTS
- PRESSURE MEASUREMENT
- SCALING LAWS
- TEMPERATURE MEASUREMENT

WIND TUNNEL DRIVES

- GS WIND TUNNEL APPARATUS
- ... **WIND TUNNEL DRIVES**
- RT ∞ DRIVES
- ∞ FANS
- MECHANICAL DRIVES
- PLASMA GENERATORS
- PRESSURE CHAMBERS
- VACUUM CHAMBERS

WIND TUNNEL MODELS

- GS MODELS
- ... **WIND TUNNEL MODELS**
- ... POWERED MODELS
- RT AERODYNAMIC CONFIGURATIONS
- AIRCRAFT MODELS
- DYNAMIC MODELS
- FLOW VISUALIZATION
- ∞ MISSILE SIMULATORS
- PYLON MOUNTING
- SCALE MODELS
- SEMISPAN MODELS
- SHADOWGRAPH PHOTOGRAPHY
- ∞ TEST EQUIPMENT

WIND TUNNEL NOZZLES

- GS WIND TUNNEL APPARATUS
- ... **WIND TUNNEL NOZZLES**
- RT CONICAL NOZZLES
- CONVERGENT-DIVERGENT NOZZLES
- DIVERGENT NOZZLES
- HYPERSONIC NOZZLES
- ∞ NOZZLES
- SUPERSONIC NOZZLES
- TRANSONIC NOZZLES

WIND TUNNEL STABILITY TESTS

- GS STABILITY TESTS
- ... **WIND TUNNEL STABILITY TESTS**
- RT AERODYNAMIC STABILITY
- AIRCRAFT STABILITY
- MISSILE TESTS
- SPACECRAFT STABILITY
- ∞ TESTS

WIND TUNNEL TESTS

- RT AERODYNAMIC CHARACTERISTICS
- AIR DATA SYSTEMS
- DENSITY MEASUREMENT
- FLOW DISTRIBUTION
- PRESSURE MEASUREMENT

WIND TUNNEL TESTS--(cont.)

- ∞ TESTS
- TRISONIC WIND TUNNELS
- WATER TUNNEL TESTS

WIND TUNNEL WALLS

- GS WALLS
- RT **WIND TUNNEL WALLS**
- PRESSURE VESSELS
- REINFORCED SHELLS

WIND TUNNELS

- GS TEST FACILITIES
- WIND TUNNELS**
- .. BLOWDOWN WIND TUNNELS
- .. COMBUSTION WIND TUNNELS
- .. CRYOGENIC WIND TUNNELS
- .. HYPERSONIC WIND TUNNELS
- .. CASCADE WIND TUNNELS
- .. HOTSHOT WIND TUNNELS
- .. PLASMA JET WIND TUNNELS
- .. SHOCK TUNNELS
- .. HYPERVELOCITY WIND TUNNELS
- .. CASCADE WIND TUNNELS
- .. HOTSHOT WIND TUNNELS
- .. PLASMA JET WIND TUNNELS
- .. SHOCK TUNNELS
- .. LOW DENSITY WIND TUNNELS
- .. LOW SPEED WIND TUNNELS
- .. SUBSONIC WIND TUNNELS
- .. RECTANGULAR WIND TUNNELS
- .. SLOTTED WIND TUNNELS
- .. SUPERSONIC WIND TUNNELS
- .. TRANSONIC WIND TUNNELS
- .. TRISONIC WIND TUNNELS
- RT AERODYNAMICS
- EXHAUST FLOW SIMULATION
- FLIGHT SIMULATORS
- GAS GUNS
- GAS STREAMS
- HYPERSONIC FLOW
- SPIKES (AERODYNAMIC CONFIGURATIONS)
- SUPERSONIC FLOW
- TEST CHAMBERS
- ∞ TEST EQUIPMENT
- TRANSONIC FLOW
- ∞ TUNNELS

WIND TURBINES

- GS TURBOMACHINERY
- .. TURBINES
- .. **WIND TURBINES**
- .. TIP VANES
- RT TURBOGENERATORS
- WIND VELOCITY
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWER UTILIZATION
- WINDPOWERED GENERATORS

WIND VANES

- GS DISPLAY DEVICES
- .. FLOW DIRECTION INDICATORS
- .. **WIND VANES**
- MEASURING INSTRUMENTS
- .. INDICATING INSTRUMENTS
- .. FLOW DIRECTION INDICATORS
- .. **WIND VANES**
- .. METEOROLOGICAL INSTRUMENTS
- .. **WIND VANES**
- VANES
- .. **WIND VANES**
- RT ANEMOMETERS
- HOT-FILM ANEMOMETERS

WIND VARIATIONS

- GS VARIATIONS
- .. **WIND VARIATIONS**
- RT ANNUAL VARIATIONS
- ATMOSPHERIC TURBULENCE
- DIURNAL VARIATIONS
- SEASONS

WIND VELOCITY

- GS RATES (PER TIME)
- .. **WIND VELOCITY**
- .. SOLAR WIND VELOCITY
- VELOCITY
- .. **WIND VELOCITY**
- .. SOLAR WIND VELOCITY
- RT AIRSPEED
- ANEMOMETERS
- FLOW MEASUREMENT
- GROUND WIND
- HOT-FILM ANEMOMETERS

WIND VELOCITY--(cont.)

- SEA ROUGHNESS
- WIND TURBINES
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWER UTILIZATION
- WINDPOWERED GENERATORS

WIND VELOCITY MEASUREMENT

- GS MECHANICAL MEASUREMENT
- .. VELOCITY MEASUREMENT
- .. **WIND VELOCITY MEASUREMENT**
- .. WIND MEASUREMENT
- .. **WIND VELOCITY MEASUREMENT**
- RT ANEMOMETERS
- HOT-FILM ANEMOMETERS

WINDING

- GS **WINDING**
- .. FILAMENT WINDING
- .. HELICAL WINDINGS
- .. WIRE WINDING
- RT COLD WORKING
- LEVELING
- METAL WORKING
- SPINDLES
- SPIRAL WRAPPING
- STRETCHING
- TWISTING

WINDMILLING

- USE AUTOROTATION

WINDMILLS (WINDPOWERED MACHINES)

- RT ELECTRIC GENERATORS
- GEARS
- GROUND WIND
- ∞ MACHINERY
- MECHANICAL DRIVES
- ∞ POWER TRANSMISSION
- ∞ PUMPING
- WIND (METEOROLOGY)
- WIND DIRECTION
- WIND TURBINES
- WIND VELOCITY
- WINDPOWER UTILIZATION
- WINDPOWERED GENERATORS
- WINDPOWERED PUMPS

WINDOW ATMOSPHERE SOUNDING PROJECTILE

- USE WASP SOUNDING ROCKET

∞ WINDOWS

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT INFRARED WINDOWS
- PORTS (OPENINGS)
- WAVEGUIDE WINDOWS
- WINDOWS (APERTURES)
- WINDOWS (INTERVALS)

WINDOWS (APERTURES)

- SN (EXCLUDES INTERVALS IN TIME, FREQUENCY, ENERGY AND SO ON)
- RT APERTURES
- ∞ BARRIERS
- CURTAINS
- DOORS
- DUCTS
- OPENINGS
- OPTICAL MATERIALS
- PORTS (OPENINGS)
- SEPARATORS
- SHIELDING
- VENTS
- ∞ WINDOWS
- WINDSHIELDS

WINDOWS (COMPUTER PROGRAMS)

- GS GRAPHICAL USER INTERFACE
- .. **WINDOWS (COMPUTER PROGRAMS)**
- RT COMPUTER GRAPHICS
- OPERATING SYSTEMS (COMPUTERS)
- REAL TIME OPERATION
- SOFTWARE TOOLS

WINDOWS (INTERVALS)

- SN (EXCLUDES INTERVALS IN SPACE CONTINUUM)
- GS **WINDOWS (INTERVALS)**
- .. LASER WINDOWS
- .. LAUNCH WINDOWS
- RT BANDWIDTH
- BURNING TIME

WINDOWS (INTERVALS)--(cont.)

- COUNTDOWN
- ENERGY BANDS
- FLIGHT TIME
- TESTING TIME
- TIME MEASUREMENT
- ∞ WINDOWS

WINDPOWER UTILIZATION

- UF WIND ENERGY
- GS UTILIZATION
- .. **WINDPOWER UTILIZATION**
- RT AIR CURRENTS
- AIR MASSES
- ATMOSPHERIC CIRCULATION
- CLEAN ENERGY
- EARTH RESOURCES
- GROUND WIND
- SEA BREEZE
- VANES
- WIND (METEOROLOGY)
- WIND PRESSURE
- WIND TURBINES
- WIND VELOCITY
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWERED GENERATORS
- WINDPOWERED PUMPS

WINDPOWERED GENERATORS

- RT ELECTRIC GENERATORS
- ∞ GENERATORS
- GROUND WIND
- VANES
- WIND (METEOROLOGY)
- WIND DIRECTION
- WIND PRESSURE
- WIND TURBINES
- WIND VELOCITY
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWER UTILIZATION

WINDPOWERED PUMPS

- GS PUMPS
- .. **WINDPOWERED PUMPS**
- RT PONDS
- ∞ PUMPING
- RESERVOIRS
- VANES
- WATER
- WATER RESOURCES
- WINDMILLS (WINDPOWERED MACHINES)
- WINDPOWER UTILIZATION

WINDS ALOFT

- GS WIND (METEOROLOGY)
- .. **WINDS ALOFT**
- .. GEOSTROPHIC WIND
- .. JET STREAMS (METEOROLOGY)
- RT CIRCUMPOLAR WESTERLIES
- SEA BREEZE
- VERTICAL AIR CURRENTS

WINDSCREENS

- USE WINDSHIELDS

WINDSHIELDS

- UF WINDSCREENS
- RT AIRCRAFT COMPARTMENTS
- CANOPIES
- COCKPITS
- ENVIRONMENTAL CONTROL
- LOCOMOTIVES
- SHIELDING
- WINDOWS (APERTURES)

WINES

- GS LIQUIDS
- .. POTABLE LIQUIDS
- .. BEVERAGES
- .. **WINES**
- RT VINEYARDS

WING CAMBER

- GS CAMBER
- .. **WING CAMBER**
- RT CAMBERED WINGS
- CONICAL CAMBER
- MISSION ADAPTIVE WINGS

WING FLAPS

- UF JET AUGMENTED WING FLAPS
- GS AIRFOILS
- .. FLAPS (CONTROL SURFACES)
- .. **WING FLAPS**

WING FLAPS--(cont.)

... LEADING EDGE FLAPS
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 ... VORTEX FLAPS
 BRAKES (FOR ARRESTING MOTION)
 . AERODYNAMIC BRAKES

WING FLAPS

... LEADING EDGE FLAPS
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 ... VORTEX FLAPS
 . AIRCRAFT BRAKES
 . **WING FLAPS**
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 CONTROL SURFACES
 . FLAPS (CONTROL SURFACES)

WING FLAPS

... LEADING EDGE FLAPS
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 ... VORTEX FLAPS
 DRAG DEVICES
 . AERODYNAMIC BRAKES
 . **WING FLAPS**
 ... LEADING EDGE FLAPS
 ... LEADING EDGE SLATS
 ... TRAILING EDGE FLAPS
 ... VORTEX FLAPS

RT EXTERNALLY BLOWN FLAPS
 JET FLAPS
 SPLIT FLAPS

WING FLOW METHOD TESTS

RT FLIGHT TESTS
 FLUID FLOW
 GROUND TESTS
 ∞ METHODOLOGY
 ∞ TESTS
 TRANSONIC WIND TUNNELS

WING ICING

USE AIRCRAFT ICING

WING LOADING

GS AERODYNAMIC FORCES
 . **WING LOADING**
 LOADS (FORCES)
 . DYNAMIC LOADS
 . **WING LOADING**
 RT AERODYNAMIC LOADS
 AEROELASTICITY
 EDGE LOADING
 FORCE DISTRIBUTION
 GUST LOADS
 LEADING EDGE THRUST
 STATIC LOADS
 SWEEP EFFECT
 VORTEX FLAPS

WING NACELLE CONFIGURATIONS

GS AERODYNAMIC CONFIGURATIONS
 . **WING NACELLE CONFIGURATIONS**
 RT ∞ AIRCRAFT
 AIRFRAMES
 EXTERNALLY BLOWN FLAPS

WING OSCILLATIONS

GS OSCILLATIONS
 . AIRFOIL OSCILLATIONS
 . **WING OSCILLATIONS**
 RT AERODYNAMIC STABILITY
 AEROELASTIC RESEARCH WINGS
 FLAPPING
 FLUTTER
 STABLE OSCILLATIONS
 UNDAMPED OSCILLATIONS
 UNSTEADY AERODYNAMICS
 VIBRATION

WING PANELS

GS PANELS
 . **WING PANELS**
 STRUCTURAL MEMBERS
 . **WING PANELS**
 RT CURVED PANELS
 RECTANGULAR PANELS
 WINGS

WING PLANFORMS

GS PLANFORMS
 . **WING PLANFORMS**
 . CHANNEL WINGS
 . INFINITE SPAN WINGS

WING PLANFORMS--(cont.)

... SWEEP FORWARD WINGS
 ... TRAPEZOIDAL WINGS
 ... SWEEPBACK WINGS
 ... ARROW WINGS
 ... DELTA WINGS
 ... TRAPEZOIDAL WINGS
 ... VARIABLE SWEEP WINGS
 RT HP-115 AIRCRAFT
 LOW ASPECT RATIO WINGS
 MONOPLANES
 OBLIQUE WINGS
 RECTANGULAR PLANFORMS
 SLENDER WINGS
 SWEEP WINGS
 SWING WINGS
 THRUST DISTRIBUTION
 UNSWEEP WINGS

WING PROFILES

GS AIRFOIL PROFILES
 . **WING PROFILES**
 . WING SPAN
 RT AERODYNAMIC INTERFERENCE
 GAW-1 AIRFOIL
 GAW-2 AIRFOIL
 MISSION ADAPTIVE WINGS
 MONOPLANES
 SUPERCRITICAL WINGS
 SWING WINGS
 WINGS

WING ROOTS

RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT CONFIGURATIONS
 DROOPED AIRFOILS
 FAIRINGS
 ∞ ROOTS

WING SLATS

USE LEADING EDGE SLATS

WING SLOTS

GS SLOTS
 . **WING SLOTS**
 RT BOUNDARY LAYER CONTROL
 LEADING EDGE SLATS
 VORTEX GENERATORS

WING SPAN

GS AIRFOIL PROFILES
 . WING PROFILES
 . **WING SPAN**
 RT ∞ SPAN
 SPANWISE BLOWING
 WINGS

WING TANKS

GS TANKS (CONTAINERS)
 . FUEL TANKS
 . **WING TANKS**
 RT ∞ CONTAINERS
 EXTERNAL STORE SEPARATION
 EXTERNAL STORES
 EXTERNAL TANKS
 JETTISON SYSTEMS
 WING-FUSELAGE STORES

WING TIP VORTICES

GS VORTICES
 . **WING TIP VORTICES**
 RT BLADE-VORTEX INTERACTION
 FLOW DISTORTION
 HORSESHOE VORTICES
 ROTATING FLUIDS

WING TIPS

GS TIPS
 . **WING TIPS**
 RT AIRFOIL PROFILES
 BLADE TIPS
 JOINED WINGS
 WINGS

WING-FUSELAGE STORES

RT EXTERNAL STORE SEPARATION
 EXTERNAL STORES
 FUSELAGES
 NACELLES
 PODS (EXTERNAL STORES)
 PROTUBERANCES
 ∞ STORAGE
 STORAGE TANKS
 TANKS (CONTAINERS)

WING-FUSELAGE STORES--(cont.)

WEAPONS
 WING TANKS

WINGED VEHICLES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)

RT ∞ AIRCRAFT
 B-1 AIRCRAFT
 DRONE VEHICLES
 FIREBEE 2 TARGET DRONE AIRCRAFT
 GLIDERS
 HANG GLIDERS
 HYPERSONIC VEHICLES
 JET AIRCRAFT
 KA-6 SAILPLANES
 LAUNCH VEHICLES
 LEADING EDGE FLAPS
 MAN POWERED AIRCRAFT
 MISSILES
 MONOPLANES
 RECOVERABLE LAUNCH VEHICLES
 RECOVERABLE SPACECRAFT
 REENTRY VEHICLES
 RESEARCH AIRCRAFT
 ROCKET VEHICLES
 SHORT TAKEOFF AIRCRAFT
 SUPERCRITICAL WINGS
 ULTRALIGHT AIRCRAFT
 ∞ VEHICLES
 VERTICAL TAKEOFF AIRCRAFT
 WINGS

WINGLETS

RT DRAG REDUCTION
 FINS
 PROTUBERANCES
 VORTEX ALLEVIATION
 VORTEX AVOIDANCE
 WINGS

WINGS

UF CANTILEVER WINGS
 GS AIRFOILS
 . **WINGS**
 . AEROELASTIC RESEARCH WINGS
 . CAMBERED WINGS
 . CARET WINGS
 . CHANNEL WINGS
 . CRUCIFORM WINGS
 . FIXED WINGS
 . FLEXIBLE WINGS
 . PARAWINGS
 . GAW-1 AIRFOIL
 . GAW-2 AIRFOIL
 . JOINED WINGS
 . LOW ASPECT RATIO WINGS
 . DELTA WINGS
 . TRAPEZOIDAL WINGS
 . MISSION ADAPTIVE WINGS
 . OBLIQUE WINGS
 . RIGID WINGS
 . ROTARY WINGS
 . CIRCULATION CONTROL ROTORS
 . LIFTING ROTORS
 . BEARINGLESS ROTORS
 . RIGID ROTORS
 . TILTING ROTORS
 . TIP DRIVEN ROTORS
 . X WING ROTORS
 . SLENDER WINGS
 . INFINITE SPAN WINGS
 . SUPERCRITICAL WINGS
 . SWEEP WINGS
 . SWEEP FORWARD WINGS
 . TRAPEZOIDAL WINGS
 . SWEEPBACK WINGS
 . ARROW WINGS
 . DELTA WINGS
 . TRAPEZOIDAL WINGS
 . SWING WINGS
 . THIN WINGS
 . INFINITE SPAN WINGS
 . TWISTED WINGS
 . UNCAMBERED WINGS
 . RING WINGS
 . UNSWEEP WINGS
 . INFINITE SPAN WINGS
 . RECTANGULAR WINGS
 . RING WINGS
 . VARIABLE SWEEP WINGS
 RT AIRCRAFT CONSTRUCTION MATERIALS
 AIRCRAFT PARTS
 AIRCRAFT STRUCTURES

WINGS--(cont.)

AIRFOIL FENCES
 AIRFRAMES
 ASPECT RATIO
 BLUNT TRAILING EDGES
 BODY-WING AND TAIL CONFIGURATIONS
 BODY-WING CONFIGURATIONS
 COATINGS
 CONTROL SURFACES
 DROOPED AIRFOILS
 DUAL WING CONFIGURATIONS
 LEADING EDGE FLAPS
 MISSILE COMPONENTS
 POROUS BOUNDARY LAYER CONTROL
 ROTORS
 SPOILERS
 WING PANELS
 WING PROFILES
 WING SPAN
 WING TIPS
 ∞ WINGED VEHICLES
 WINGLETS

WINTER

GS SEASONS
 . WINTER
 RT AUTUMN
 COLD WEATHER
 EQUINOXES
 PRESSURE ICE
 SOLSTICES
 SPRING (SEASON)
 SUMMER

WIRE

GS WIRE
 . ELECTRIC WIRE
 . EXPLODING WIRES
 . GUY WIRES
 RT BILLETS
 CABLES (ROPES)
 ∞ COILS
 CORDAGE
 FASTENERS
 ∞ FILAMENTS
 FLAT CONDUCTORS
 JUMPERS
 REINFORCEMENT (STRUCTURES)
 RODS
 WIRING

WIRE BRIDGE CIRCUITS

GS CIRCUITS
 . ELECTRIC BRIDGES
 . WIRE BRIDGE CIRCUITS
 . . . WHEATSTONE BRIDGES
 RT ELECTRIC WIRE
 EXPLODING WIRES

WIRE CLOTH

UF WIRE MESH
 RT FABRICS
 REINFORCEMENT (STRUCTURES)
 ∞ SCREENS
 SIEVES

WIRE GRID LENSES

GS LENSES
 . WIRE GRID LENSES
 RETICLES
 . WIRE GRID LENSES
 RT ∞ GRIDS
 LENS ANTENNAS
 MAGNETIC LENSES
 TURNSTILE ANTENNAS

WIRE MESH

USE WIRE CLOTH

WIRE WINDING

GS WINDING
 . WIRE WINDING
 RT MAGNET COILS
 WIRING

WIRELESS COMMUNICATION

UF CARRIER SYSTEMS
 GS TELECOMMUNICATION
 . WIRELESS COMMUNICATION
 RT AIRCRAFT COMMUNICATION
 CLOSED CIRCUIT TELEVISION
 COMMUNICATION SATELLITES
 DATA LINKS
 DATA TRANSMISSION
 DIGITAL SPACECRAFT TELEVISION

WIRELESS COMMUNICATION--(cont.)

FACSIMILE COMMUNICATION
 OPTICAL COMMUNICATION
 RADIO TELEMETRY
 SIGNAL TRANSMISSION
 SPACE COMMUNICATION
 SPACECRAFT COMMUNICATION
 TELEMETRY
 VOICE COMMUNICATION

WIRING

SN (PROCESS-AS DISTINGUISHED FROM MATERIAL)
 UF ELECTRIC WIRING
 WIRING SYSTEMS
 RT BUNDLES
 CIRCUITS
 ELECTRICAL INSULATION
 FLAT CONDUCTORS
 SPLICING
 TRANSMISSION LINES
 WIRE
 WIRE WINDING

WIRING SYSTEMS

USE WIRING

WISCONSIN

GS NATIONS
 . UNITED STATES
 . . WISCONSIN

WISWESSER NOTATIONS

GS CLASSIFICATIONS
 . INDEXES (DOCUMENTATION)
 . . WISWESSER NOTATIONS
 CODING
 . WISWESSER NOTATIONS
 RT ∞ CHEMICAL COMPOUNDS
 ∞ CHEMISTRY
 IDENTIFYING
 MOLECULAR STRUCTURE
 ∞ REFERENCE SYSTEMS

WKB APPROXIMATION

USE WENTZEL-KRAMER-BRILLOUIN METHOD

WOLF-RAYET STARS

UF W STARS
 W-R STARS
 GS CELESTIAL BODIES
 . STARS
 . . EARLY STARS
 . . . HOT STARS
 WOLF-RAYET STARS
 RT A STARS
 ASTROPHYSICS
 B STARS
 CARBON STARS
 CELESTIAL MECHANICS
 EJECTA
 HELIUM
 NITROGEN
 O STARS
 STELLAR ENVELOPES
 STELLAR LUMINOSITY
 STELLAR MASS EJECTION
 WHITE DWARF STARS

WOLFRAM

USE TUNGSTEN

WOLVES

GS ANIMALS
 . VERTEBRATES
 . . MAMMALS
 . . . WOLVES

WOMEN

USE FEMALES

WOOD

GS WOOD
 . CORK (MATERIALS)
 . PLYWOOD
 RT BALSA
 CELLULOSE
 MASONITE (TRADEMARK)
 ORGANIC MATERIALS
 PAPER (MATERIAL)
 PLANTS (BOTANY)
 SLIVERS
 TREES (PLANTS)
 WOODEN STRUCTURES

WOODEN STRUCTURES

RT PLYWOOD
 ∞ STRUCTURES
 WOOD
 WOOL
 SN (LIMITED TO ANIMAL FIBERS)
 GS FABRICS
 . WOOL
 FIBERS
 . WOOL
 RT FELTS
 HAIR
 KERATINS
 ORGANIC MATERIALS
 SHEEP
 YARNS

WORD PROCESSING

RT COMPUTER TECHNIQUES
 DATA PROCESSING
 OFFICE AUTOMATION
 WORDS (LANGUAGE)

WORDS (LANGUAGE)

GS COMMUNICATION THEORY
 . WORDS (LANGUAGE)
 . . SYLLABLES
 LANGUAGES
 . SENTENCES
 . . WORDS (LANGUAGE)
 . . . SYLLABLES
 LINGUISTICS
 . SYNTAX
 . . SENTENCES
 . . . WORDS (LANGUAGE)
 SYLLABLES
 SPEECH
 . TALKING
 . . WORDS (LANGUAGE)
 . . . SYLLABLES
 RT CONSONANTS (SPEECH)
 CONVERSATION
 ENGLISH LANGUAGE
 GRAMMARS
 MESSAGES
 ORTHOGRAPHY
 PHONEMES
 PHONEMICS
 PHONETICS
 SEMANTICS
 TERMINOLOGY
 THESAURI
 VERBAL COMMUNICATION
 VOICE COMMUNICATION
 VOWELS
 WORD PROCESSING

WORK

GS WORK
 . PHYSICAL WORK
 RT ∞ ENERGY
 HEAT
 HORSEPOWER
 KINETIC ENERGY
 OCCUPATION
 PHYSICAL FACTORS

WORK CAPACITY

RT HYPERKINESIA
 ORBITAL WORKERS
 PHYSICAL FITNESS
 PHYSICAL WORK
 WORKLOADS (PSYCHOPHYSIOLOGY)

WORK FUNCTIONS

UF SCHOTTKY EFFECT
 RT ELECTRON EMISSION
 ∞ FUNCTIONS
 IONIZATION POTENTIALS
 PERVEANCE
 PHOTOELECTRIC EMISSION
 SCHOTTKY DIODES
 THERMIONIC EMISSION

WORK HARDENING

GS HARDENING (MATERIALS)
 . WORK HARDENING
 . . STRAIN HARDENING
 RT COLD HARDENING
 MECHANICAL TWINNING
 METAL WORKING
 PEENING
 SHOT PEENING
 WORK SOFTENING

WORK SOFTENING

GS SOFTENING
 . **WORK SOFTENING**
 RT MICROSTRUCTURE
 PLASTIC DEFORMATION
 WORK HARDENING

WORK-REST CYCLE

GS CYCLES
 . **WORK-REST CYCLE**
 RT FATIGUE (BIOLOGY)
 RELAXATION (PHYSIOLOGY)

WORKHORSE HELICOPTER

USE CH-21 HELICOPTER

WORKING FLUIDS

RT CONSUMABLES (SPACECRAFT)
 FERROFLUIDS
 FLUID POWER
 FLUID TRANSMISSION LINES
 ∞ FLUIDS
 HIGH TEMPERATURE FLUIDS
 HYDRAULIC FLUIDS
 JET CONDENSERS
 PHASE CHANGE MATERIALS
 SULFUR HEXAFLUORIDE
 TRANSMISSION FLUIDS

WORKLOADS (PSYCHOPHYSIOLOGY)

RT FATIGUE (BIOLOGY)
 HUMAN PERFORMANCE
 MENTAL PERFORMANCE
 PHYSICAL WORK
 PSYCHOMOTOR PERFORMANCE
 PSYCHOPHYSIOLOGY
 STRESS (PSYCHOLOGY)
 WORK CAPACITY

WORKSTATIONS

GS STATIONS
 . **WORKSTATIONS**
 RT HUMAN FACTORS ENGINEERING
 MAN MACHINE SYSTEMS
 PRODUCTIVITY
 UNIX (OPERATING SYSTEM)

WORLD

USE EARTH (PLANET)

WORLD DATA CENTERS

RT ∞ CENTERS
 ∞ DATA
 DATA RETRIEVAL
 DATA STORAGE
 INTERNATIONAL GEOPHYSICAL YEAR
 LIBRARIES
 TRANSOCEANIC SYSTEMS

WORLD METEOROLOGICAL ORGANIZATION

GS ORGANIZATIONS
 . **WORLD METEOROLOGICAL ORGANIZATION**
 RT INTERNATIONAL COOPERATION
 METEOROLOGY
 UNITED NATIONS

WORMS

GS ANIMALS
 . INVERTEBRATES
 . . **WORMS**
 . . . FLATWORMS
 RT INFESTATION
 LARVAE
 ROTIFERA

WOUND HEALING

GS HEALING
 . **WOUND HEALING**
 RT INJURIES

WOVEN COMPOSITES

GS COMPOSITE MATERIALS
 . FIBER COMPOSITES
 . . **WOVEN COMPOSITES**
 RT BRAIDED COMPOSITES
 CARBON FIBER REINFORCED PLASTICS
 EPOXY MATRIX COMPOSITES
 FABRICS
 GLASS FIBER REINFORCED PLASTICS
 GRAPHITE-EPOXY COMPOSITES
 REINFORCING FIBERS
 THREE DIMENSIONAL COMPOSITES
 WEAVING

WRANGELL MOUNTAINS (AK)

GS LANDFORMS
 . MOUNTAINS
 . . **WRANGELL MOUNTAINS (AK)**
 RT ALASKA

∞ WRAP

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)*
 RT COMPOSITE WRAPPING
 PACKAGING

WRAPAROUND CONTACT SOLAR CELLS

USE SOLAR CELLS

WRECKAGE

RT ACCIDENT INVESTIGATION
 ACCIDENTS
 CRASHES
 SABOTAGE
 SPACECRAFT BREAKUP

WRENCHES

GS TOOLS
 . **WRENCHES**

WRINKLING

GS **WRINKLING**
 . FLANGE WRINKLING
 RT BUCKLING
 DEFORMATION
 DISTORTION
 ∞ RIDGES

WRIST

GS ANATOMY
 . MUSCULOSKELETAL SYSTEM
 . . JOINTS (ANATOMY)
 . . . **WRIST**
 RT ARM (ANATOMY)
 HAND (ANATOMY)

WROUGHT ALLOYS

GS ALLOYS
 . **WROUGHT ALLOYS**
 RT RENE 41
 RENE 63
 RENE 77
 WASPALOY

WU-2 AIRCRAFT

USE U-2 AIRCRAFT

WURTZITE

GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . ZINC SULFIDES
 . . . **WURTZITE**
 MINERALS
 . **WURTZITE**
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . ZINC SULFIDES
 . . . **WURTZITE**
 ZINC COMPOUNDS
 . ZINC SULFIDES
 . . **WURTZITE**

WYOMING

GS NATIONS
 . UNITED STATES
 . . **WYOMING**
 RT BIGHORN MOUNTAINS (MT-WY)
 BLACK HILLS (SD-WY)
 WIND RIVER RANGE (WY)
 YELLOWSTONE NATIONAL PARK
 (ID-MT-WY)

W2F AIRCRAFT

USE E-2 AIRCRAFT

X

X BAND

USE SUPERHIGH FREQUENCIES

X MESONS

GS PARTICLES

X MESONS--(cont.)

. ELEMENTARY PARTICLES
 . . BOSONS
 . . . MESONS
 MESON RESONANCE
 **X MESONS**
 . NUCLEAR PARTICLES
 . . BOSONS
 . . . MESONS
 MESON RESONANCE
 **X MESONS**
 RESONANCE
 . MESON RESONANCE
 . . **X MESONS**

X RAY ABSORPTION

GS ENERGY ABSORPTION
 . RADIATION ABSORPTION
 . . ELECTROMAGNETIC ABSORPTION
 . . . **X RAY ABSORPTION**
 RT ∞ ABSORPTION
 ELECTRON SPECTROSCOPY
 X RAY DETECTORS

X RAY ANALYSIS

SN (EXCLUDES X RAY STRESS ANALYSIS)
 GS **X RAY ANALYSIS**
 . LAUE METHOD
 . X RAY SPECTROSCOPY
 RT ∞ ANALYZING
 CHEMICAL ANALYSIS
 CRYSTALLOGRAPHY
 DEFECTS
 FLUOROSCOPY
 LATTICE PARAMETERS
 ∞ MATERIALS TESTS
 MICROANALYSIS
 MICROBEAMS
 RADIOGRAPHY
 RADIOLOGY
 STEREOCHEMISTRY
 TOMOGRAPHY

X RAY APPARATUS

GS MEDICAL EQUIPMENT
 . **X RAY APPARATUS**
 . . LIXISCOPES
 . . . X RAY TUBES
 RT ∞ EQUIPMENT
 RADIOGRAPHY
 X RAY DETECTORS

X RAY ASTRONOMY

GS ASTRONOMY
 . **X RAY ASTRONOMY**
 RT COSMIC X RAYS
 EXOSAT SATELLITE
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 GINGA SATELLITE
 GRAZING INCIDENCE TELESCOPES
 LIXISCOPES
 RADIOGRAPHY
 ROSAT MISSION
 SAS-3
 TENMA SATELLITE
 UHURU SATELLITE
 ULTRAVIOLET TELESCOPES
 X RAY ASTROPHYSICS FACILITY
 X RAY BINARIES
 X RAY DETECTORS
 X RAY SOURCES
 X RAY STARS

X RAY ASTROPHYSICS FACILITY

UF ADVANCED X RAY ASTROPHYSICS
 FACILITY
 AXAF
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . ASTRONOMICAL SATELLITES
 . . . **X RAY ASTROPHYSICS FACILITY**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **X RAY ASTROPHYSICS FACILITY**
 PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **X RAY ASTROPHYSICS FACILITY**
 TELESCOPES
 . SPACEBORNE TELESCOPES
 . . **X RAY ASTROPHYSICS FACILITY**
 . X RAY TELESCOPES
 . . **X RAY ASTROPHYSICS FACILITY**
 ASTROPHYSICS

X RAY ASTROPHYSICS FACILITY--(cont.)

∞ FACILITIES
SPACEBORNE ASTRONOMY
X RAY ASTRONOMY

X RAY BINARIES

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
X RAY BINARIES
X RAY STARS
X RAY BINARIES
X RAY SOURCES
X RAY STARS
X RAY BINARIES
RT ACCRETION DISKS
ASTROPHYSICS
BLACK HOLES (ASTRONOMY)
COMPANION STARS
COSMIC X RAYS
ECLIPSING BINARY STARS
NEUTRON STARS
STELLAR MASS ACCRETION
X RAY ASTRONOMY
X RAYS

X RAY DENSITY MEASUREMENT

GS DENSITY MEASUREMENT
X RAY DENSITY MEASUREMENT
RT FLUX DENSITY

X RAY DETECTORS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
X RAY DETECTORS
RT BOLOMETERS
INFRARED DETECTORS
MULTI-ANODE MICROCHANNEL ARRAYS
PHOTODIODES
PHOTOMETERS
RADIOMETERS
ULTRAVIOLET DETECTORS
X RAY ABSORPTION
X RAY APPARATUS
X RAY ASTRONOMY
X RAY SPECTROSCOPY
X RAY TELESCOPES
X RAYS

X RAY DIFFRACTION

GS DIFFRACTION
X RAY DIFFRACTION
RT CRYSTALLOGRAPHY
ELECTRON DIFFRACTION
LAUE METHOD
METALLOGRAPHY
RADIOGRAPHY

X RAY FLUORESCENCE

GS EMISSION
LIGHT EMISSION
LUMINESCENCE
FLUORESCENCE
X RAY FLUORESCENCE
PHOTOLUMINESCENCE
X RAY FLUORESCENCE
RT RADIOGRAPHY

X RAY IMAGERY

GS IMAGERY
X RAY IMAGERY
RT IMAGING TECHNIQUES
INFRARED IMAGERY
LIXISCOPES
MICROWAVE IMAGERY
RADAR IMAGERY
RADIOGRAPHY

X RAY INSPECTION

GS INSPECTION
X RAY INSPECTION
RT NONDESTRUCTIVE TESTS
RADIOGRAPHY
∞ TESTS

X RAY IRRADIATION

GS IRRADIATION
X RAY IRRADIATION

X RAY LASERS

GS STIMULATED EMISSION DEVICES
LASERS

X RAY LASERS--(cont.)

RT X RAY LASERS
ELECTRON TRANSITIONS
LASER OUTPUTS

X RAY SCATTERING

GS SCATTERING
WAVE SCATTERING
ELECTROMAGNETIC SCATTERING
X RAY SCATTERING
RT FORM FACTORS

X RAY SOURCES

GS X RAY SOURCES
X RAY STARS
X RAY BINARIES
RT COOLING FLOWS (ASTROPHYSICS)
COSMIC X RAYS
EXOSAT SATELLITE
GALACTIC BULGE
∞ RADIATION
ROSAT MISSION
X RAY ASTRONOMY
X RAYS

X RAY SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
X RAY SPECTRA
RT GINGA SATELLITE
NORTH POLAR SPUR (ASTRONOMY)
QUASARS
SOLAR SPECTRA
STELLAR SPECTRA
TENMA SATELLITE

X RAY SPECTROGRAPHY

USE X RAY SPECTROSCOPY

X RAY SPECTROMETRY

USE X RAY SPECTROSCOPY

X RAY SPECTROPOLARIMETRY PAYLOAD

USE EXPOS (SPACELAB PAYLOAD)

X RAY SPECTROSCOPY

UF X RAY SPECTROGRAPHY
X RAY SPECTROMETRY
GS SPECTROSCOPY
X RAY SPECTROSCOPY
X RAY ANALYSIS
X RAY SPECTROSCOPY
RT ASTRONOMICAL SPECTROSCOPY
∞ MATERIALS TESTS
MOLECULAR SPECTROSCOPY
RADIO SPECTROSCOPY
RADIOGRAPHY
SPECTROSCOPIC ANALYSIS
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY
X RAY DETECTORS

X RAY STARS

UF EXTARS
GS CELESTIAL BODIES
STARS
X RAY STARS
X RAY BINARIES
X RAY SOURCES
X RAY STARS
X RAY BINARIES
RT EMISSION SPECTRA
GINGA SATELLITE
NEUTRON STARS
RADIATION SOURCES
STELLAR RADIATION
TENMA SATELLITE
UHURU SATELLITE
X RAY ASTRONOMY
X RAY TELESCOPES
X RAYS

X RAY STRESS ANALYSIS

GS STRESS ANALYSIS
X RAY STRESS ANALYSIS
RT STRESSES
TEMPERATURE INVERSIONS

X RAY STRESS MEASUREMENT

GS MECHANICAL MEASUREMENT
STRESS MEASUREMENT
X RAY STRESS MEASUREMENT

X RAY TELESCOPES

GS TELESCOPES
X RAY TELESCOPES
X RAY ASTROPHYSICS FACILITY
RT GRAZING INCIDENCE TELESCOPES
RADIOGRAPHY
ROSAT MISSION
X RAY DETECTORS
X RAY STARS

X RAY TIMING EXPLORER

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
X RAY TIMING EXPLORER

X RAY TUBES

GS MEDICAL EQUIPMENT
X RAY APPARATUS
X RAY TUBES
RT ELECTRON TUBES
RADIOGRAPHY

X RAYS

GS ELECTROMAGNETIC RADIATION
X RAYS
COSMIC X RAYS
SOLAR X-RAYS
IONIZING RADIATION
X RAYS
COSMIC X RAYS
SOLAR X-RAYS
RT AURORAS
BLACKOUT (PROPAGATION)
BREMSSTRAHLUNG
COSMIC RAYS
EMISSION SPECTRA
EXTRATERRESTRIAL RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAYS
MONOCHROMATIC RADIATION
RADIOGRAPHY
RADIOLOGY
SYNCHROTRON RADIATION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
X RAY BINARIES
X RAY DETECTORS
X RAY SOURCES
X RAY STARS

X WING ROTORS

GS AIRFOILS
WINGS
ROTARY WINGS
X WING ROTORS
ROTATING BODIES
ROTORS
ROTARY WINGS
X WING ROTORS
RT CIRCULATION CONTROL ROTORS
∞ ROTOR BLADES

X-Y PLOTTERS

GS RECORDING INSTRUMENTS
PLOTTERS
RT DIGITAL TO ANALOG CONVERTERS

X-1 AIRCRAFT

GS BELL AIRCRAFT
X-1 AIRCRAFT
MONOPLANES
X-1 AIRCRAFT
RESEARCH AIRCRAFT
X-1 AIRCRAFT
ROCKET VEHICLES
ROCKET PLANES
X-1 AIRCRAFT
SUPERSONIC AIRCRAFT
X-1 AIRCRAFT
RT ∞ AIRCRAFT

X-2 AIRCRAFT

GS BELL AIRCRAFT
X-2 AIRCRAFT
MONOPLANES
X-2 AIRCRAFT
RESEARCH AIRCRAFT
X-2 AIRCRAFT
ROCKET VEHICLES
ROCKET PLANES
X-2 AIRCRAFT
SUPERSONIC AIRCRAFT
X-2 AIRCRAFT

X-2 AIRCRAFT--(cont.)
 RT ∞AIRCRAFT

X-3 AIRCRAFT

GS JET AIRCRAFT
 . X-3 AIRCRAFT
 MCDONNELL DOUGLAS AIRCRAFT
 . DOUGLAS AIRCRAFT
 . X-3 AIRCRAFT
 MONOPLANES
 . X-3 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-3 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . X-3 AIRCRAFT
 RT ∞AIRCRAFT

X-5 AIRCRAFT

GS BELL AIRCRAFT
 . X-5 AIRCRAFT
 JET AIRCRAFT
 . X-5 AIRCRAFT
 MONOPLANES
 . X-5 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-5 AIRCRAFT
 RT ∞AIRCRAFT

X-13 AIRCRAFT

GS JET AIRCRAFT
 . X-13 AIRCRAFT
 MONOPLANES
 . X-13 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-13 AIRCRAFT
 RYAN AIRCRAFT
 . X-13 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . X-13 AIRCRAFT
 RT ∞AIRCRAFT

X-14 AIRCRAFT

GS BELL AIRCRAFT
 . X-14 AIRCRAFT
 JET AIRCRAFT
 . X-14 AIRCRAFT
 MONOPLANES
 . X-14 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-14 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . X-14 AIRCRAFT
 RT ∞AIRCRAFT

X-15 AIRCRAFT

GS NORTH AMERICAN AIRCRAFT
 . X-15 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-15 AIRCRAFT
 ROCKET VEHICLES
 . ROCKET PLANES
 . X-15 AIRCRAFT
 SUPERSONIC AIRCRAFT
 . X-15 AIRCRAFT
 RT ∞AIRCRAFT
 LR-99 ENGINE
 XLR-99 ENGINE

X-17 REENTRY VEHICLE

GS REENTRY VEHICLES
 . X-17 REENTRY VEHICLE
 RT ROCKET VEHICLES
 SOLID PROPELLANT ROCKET ENGINES

X-19 AIRCRAFT

GS CURTISS-WRIGHT AIRCRAFT
 . X-19 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-19 AIRCRAFT
 TANDEM WING AIRCRAFT
 . X-19 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . X-19 AIRCRAFT
 RT ∞AIRCRAFT

X-20 AIRCRAFT

UF DYNA-SOAR SPACE GLIDER
 GS BOEING AIRCRAFT
 . X-20 AIRCRAFT
 GLIDERS
 . BOOSTGLIDE VEHICLES
 . X-20 AIRCRAFT

X-20 AIRCRAFT--(cont.)

. HYPERSONIC GLIDERS
 . X-20 AIRCRAFT
 HYPERSONIC VEHICLES
 . HYPERSONIC AIRCRAFT
 . HYPERSONIC GLIDERS
 . X-20 AIRCRAFT
 LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . X-20 AIRCRAFT
 MANEUVERABLE SPACECRAFT
 . X-20 AIRCRAFT
 REENTRY VEHICLES
 . BOOSTGLIDE VEHICLES
 . X-20 AIRCRAFT
 MANEUVERABLE REENTRY BODIES
 . LIFTING REENTRY VEHICLES
 . X-20 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-20 AIRCRAFT
 RT AEROSPACE PLANES
 ∞AIRCRAFT
 MANNED SPACECRAFT
 SOFT LANDING SPACECRAFT

X-21 AIRCRAFT

GS JET AIRCRAFT
 . X-21 AIRCRAFT
 MONOPLANES
 . X-21 AIRCRAFT
 NORTHROP AIRCRAFT
 . X-21 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-21 AIRCRAFT
 RT ∞AIRCRAFT
 BOUNDARY LAYER CONTROL
 LAMINAR BOUNDARY LAYER

X-21A AIRCRAFT

GS JET AIRCRAFT
 . X-21A AIRCRAFT
 MONOPLANES
 . X-21A AIRCRAFT
 NORTHROP AIRCRAFT
 . X-21A AIRCRAFT
 RESEARCH AIRCRAFT
 . X-21A AIRCRAFT
 RT ∞AIRCRAFT
 LAMINAR FLOW

X-22 AIRCRAFT

GS BELL AIRCRAFT
 . X-22 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-22 AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . X-22 AIRCRAFT
 RT ∞AIRCRAFT
 TANDEM WING AIRCRAFT
 TILT WING AIRCRAFT

X-22A AIRCRAFT

GS RESEARCH AIRCRAFT
 . X-22A AIRCRAFT
 TANDEM WING AIRCRAFT
 . X-22A AIRCRAFT
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . X-22A AIRCRAFT
 RT ∞AIRCRAFT

X-24 AIRCRAFT

GS LIFTING BODIES
 . LIFTING REENTRY VEHICLES
 . X-24 AIRCRAFT
 REENTRY VEHICLES
 . MANEUVERABLE REENTRY BODIES
 . LIFTING REENTRY VEHICLES
 . X-24 AIRCRAFT
 RESEARCH AIRCRAFT
 . X-24 AIRCRAFT
 RT ∞AIRCRAFT

X-29 AIRCRAFT

RT ∞AIRCRAFT
 SWEEPED FORWARD WINGS

X-30 VEHICLE

GS AEROSPACE VEHICLES
 . AEROSPACE PLANES
 . X-30 VEHICLE
 HYPERSONIC VEHICLES
 . X-30 VEHICLE
 MANEUVERABLE SPACECRAFT

X-30 VEHICLE--(cont.)

. AEROSPACE PLANES
 . X-30 VEHICLE
 MANNED SPACECRAFT
 . AEROSPACE PLANES
 . X-30 VEHICLE
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . REUSABLE SPACECRAFT
 . AEROSPACE PLANES
 . X-30 VEHICLE
 RESEARCH VEHICLES
 . X-30 VEHICLE
 SOFT LANDING SPACECRAFT
 . AEROSPACE PLANES
 . X-30 VEHICLE
 RT NATIONAL AEROSPACE PLANE
 PROGRAM
 SINGLE STAGE TO ORBIT VEHICLES
 ∞SPACECRAFT
 TRANSATMOSPHERIC VEHICLES

X-248 ENGINE

UF ALTAIR ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET
 ENGINES
 . X-248 ENGINE
 RT BLUE SCOUT ROCKET VEHICLE
 SCOUT LAUNCH VEHICLE
 VANGUARD 2 LAUNCH VEHICLE

X-254 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET
 ENGINES
 . X-254 ENGINE
 RT ANTARES ROCKET VEHICLE
 BLUE SCOUT ROCKET VEHICLE
 SCOUT LAUNCH VEHICLE

X-258 ENGINES

GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET
 ENGINES
 . X-258 ENGINES
 . X-258-B1 ENGINE
 RT SCOUT LAUNCH VEHICLE

X-258-B1 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET
 ENGINES
 . X-258 ENGINES
 . X-258-B1 ENGINE

X-259 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . SOLID PROPELLANT ROCKET
 ENGINES
 . X-259 ENGINE
 RT SCOUT LAUNCH VEHICLE

X-405 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . BOOSTER ROCKET ENGINES
 . X-405 ENGINE
 . LIQUID PROPELLANT ROCKET
 ENGINES
 . X-405 ENGINE
 RT VANGUARD PROJECT

XANTHIC ACIDS

GS ACIDS
 . XANTHIC ACIDS
 RT ORGANIC LIQUIDS

XANTHINES

GS FUNGICIDES
 . XANTHINES
 . CAFFEINE
 . GUANINES
 . URIC ACID
 NITROGEN COMPOUNDS
 . XANTHINES
 . CAFFEINE
 . GUANINES
 . URIC ACID
 ORGANIC COMPOUNDS

XANTHINES--(cont.)

. CYCLIC COMPOUNDS
 . . . HETEROCYCLIC COMPOUNDS
 . . . PURINES
 **XANTHINES**
 CAFFEINE
 GUANINES
 URIC ACID

XB-47 AIRCRAFT

USE B-47 AIRCRAFT

XB-70 AIRCRAFT

USE B-70 AIRCRAFT

XBQM-180A AIRCRAFT

USE VATOL AIRCRAFT

XC-142 AIRCRAFT

UF C-142 AIRCRAFT
 GS FAIRCHILD-HILLER AIRCRAFT
 . **XC-142 AIRCRAFT**
 . JET AIRCRAFT
 . . **XC-142 AIRCRAFT**
 . LING-TEMCO-VOUGHT AIRCRAFT
 . . **XC-142 AIRCRAFT**
 . MONOPLANES
 . . **XC-142 AIRCRAFT**
 . RYAN AIRCRAFT
 . . **XC-142 AIRCRAFT**
 . TILT WING AIRCRAFT
 . . **XC-142 AIRCRAFT**
 . TRANSPORT AIRCRAFT
 . . **XC-142 AIRCRAFT**
 . V/STOL AIRCRAFT
 . . VERTICAL TAKEOFF AIRCRAFT
 . . . **XC-142 AIRCRAFT**
 RT ∞ AIRCRAFT
 TURBOPROP ENGINES

XENON

GS CHEMICAL ELEMENTS
 . RARE GASES
 . . **XENON**
 . . . XENON ISOTOPES
 XENON 129
 XENON 133
 XENON 135
 GASES
 . RARE GASES
 . . **XENON**
 . . . XENON ISOTOPES
 XENON 129
 XENON 133
 XENON 135

XENON CHLORIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **XENON CHLORIDE LASERS**
 . . . RARE GAS-HALIDE LASERS
 **XENON CHLORIDE LASERS**
 RT ELECTRON TRANSITIONS
 EXCIMER LASERS
 LASER MATERIALS
 LASER OUTPUTS
 ULTRAVIOLET LASERS

XENON COMPOUNDS

RT ∞ CHEMICAL COMPOUNDS
 ∞ RARE GAS COMPOUNDS

XENON FLUORIDE LASERS

GS STIMULATED EMISSION DEVICES
 . LASERS
 . . GAS LASERS
 . . . **XENON FLUORIDE LASERS**
 . . . RARE GAS-HALIDE LASERS
 **XENON FLUORIDE LASERS**
 RT ELECTRON TRANSITIONS
 EXCIMER LASERS
 LASER MATERIALS
 LASER OUTPUTS

XENON ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **XENON ISOTOPES**
 XENON 129
 XENON 133
 XENON 135
 . RARE GASES

XENON ISOTOPES--(cont.)

. . XENON
 . . . **XENON ISOTOPES**
 XENON 129
 XENON 133
 XENON 135
 GASES
 . RARE GASES
 . . XENON
 . . . **XENON ISOTOPES**
 XENON 129
 XENON 133
 XENON 135

XENON LAMPS

GS LIGHTING EQUIPMENT
 . LUMINAIRES
 . . **XENON LAMPS**
 RT ARC LAMPS
 FLASH LAMPS
 INFRARED RADIATION
 MERCURY LAMPS

XENON 129

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . XENON ISOTOPES
 **XENON 129**
 . . . RARE GASES
 XENON
 XENON ISOTOPES
 **XENON 129**
 GASES
 . RARE GASES
 . . XENON
 . . . XENON ISOTOPES
 **XENON 129**

XENON 133

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **XENON 133**
 XENON ISOTOPES
 **XENON 133**
 . . . RARE GASES
 XENON
 XENON ISOTOPES
 **XENON 133**
 GASES
 . RARE GASES
 . . XENON
 . . . XENON ISOTOPES
 **XENON 133**

XENON 135

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **XENON 135**
 XENON ISOTOPES
 **XENON 135**
 . . . RARE GASES
 XENON
 XENON ISOTOPES
 **XENON 135**
 GASES
 . RARE GASES
 . . XENON
 . . . XENON ISOTOPES
 **XENON 135**

XEROGRAPHY

GS IMAGERY
 . REPRODUCTION (COPYING)
 . . **XEROGRAPHY**
 RT ELECTROSTATIC CHARGE
 PHOTOGRAPHS
 PHOTOGRAPHY

XH-51 HELICOPTER

UF AEROGYRO HELICOPTERS
 CL-595 HELICOPTER
 H-51 HELICOPTER
 LOCKHEED CL-595 HELICOPTER
 LOCKHEED 186 HELICOPTER
 LOCKHEED AIRCRAFT
 . **XH-51 HELICOPTER**
 RESEARCH AIRCRAFT
 . **XH-51 HELICOPTER**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT

XH-51 HELICOPTER--(cont.)

. . HELICOPTERS
 . . . RIGID ROTOR HELICOPTERS
 **XH-51 HELICOPTER**

XI HYPERONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . **XI HYPERONS**
 . . FERMIONS
 . . . BARYONS
 HYPERONS
 **XI HYPERONS**
 . . NUCLEAR PARTICLES
 . . . BOSONS
 **XI HYPERONS**

XJ-34-WE-32 ENGINE

USE J-34 ENGINE

XJ-79-GE-1 ENGINE

USE J-79 ENGINE

XLR-91-AJ-5 ENGINE

USE LR-91-AJ-5 ENGINE

XLR-99 ENGINE

GS ENGINES
 . ROCKET ENGINES
 . . LIQUID PROPELLANT ROCKET
 . . . ENGINES
 **XLR-99 ENGINE**
 RT X-15 AIRCRAFT

XM-6 SQUIB

USE SQUIBS

XM-8 SQUIB

USE SQUIBS

XM-33 ENGINE

UF TX-33-39 ENGINE
 GS ENGINES
 . ROCKET ENGINES
 . . SOLID PROPELLANT ROCKET
 . . . ENGINES
 **XM-33 ENGINE**
 RT BLUE SCOUT ROCKET VEHICLE
 EXOS SOUNDING ROCKET
 LITTLE JOE 2 LAUNCH VEHICLE
 POLARIS MISSILES
 SCOUT LAUNCH VEHICLE
 TX-354 ENGINE

XV-3 AIRCRAFT

UF V-3 AIRCRAFT
 GS BELL AIRCRAFT
 . **XV-3 AIRCRAFT**
 V/STOL AIRCRAFT
 . **XV-3 AIRCRAFT**
 RT ∞ AIRCRAFT
 TILTING ROTORS

XV-4 AIRCRAFT

UF HUMMINGBIRD AIRCRAFT
 LOCKHEED XV-4A AIRCRAFT
 V-4 AIRCRAFT
 VZ-10 AIRCRAFT
 GS JET AIRCRAFT
 . **XV-4 AIRCRAFT**
 LOCKHEED AIRCRAFT
 . **XV-4 AIRCRAFT**
 MONOPLANES
 . **XV-4 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **XV-4 AIRCRAFT**
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . **XV-4 AIRCRAFT**
 RT ∞ AIRCRAFT

XV-5 AIRCRAFT

UF V-5 AIRCRAFT
 VZ-11 AIRCRAFT
 XV-5A AIRCRAFT
 GS FAN IN WING AIRCRAFT
 . **XV-5 AIRCRAFT**
 JET AIRCRAFT
 . **XV-5 AIRCRAFT**
 MONOPLANES
 . **XV-5 AIRCRAFT**
 RESEARCH AIRCRAFT
 . **XV-5 AIRCRAFT**

XV-5 AIRCRAFT--(cont.)

RYAN AIRCRAFT
 . **XV-5 AIRCRAFT**
 V/STOL AIRCRAFT
 . **XV-5 AIRCRAFT**
 RT ∞ AIRCRAFT

XV-5A AIRCRAFT

USE XV-5 AIRCRAFT

XV-6A AIRCRAFT

USE P-1127 AIRCRAFT

XV-8A AIRCRAFT

GS RESEARCH AIRCRAFT
 . **XV-8A AIRCRAFT**
 RYAN AIRCRAFT
 . **XV-8A AIRCRAFT**
 UTILITY AIRCRAFT
 . **XV-8A AIRCRAFT**
 V/STOL AIRCRAFT
 . **XV-8A AIRCRAFT**
 RT ∞ AIRCRAFT
 FLEXIBLE WINGS

XV-9A AIRCRAFT

UF V-9 AIRCRAFT
 GS HUGHES AIRCRAFT
 . **XV-9A AIRCRAFT**
 JET AIRCRAFT
 . **XV-9A AIRCRAFT**
 RESEARCH AIRCRAFT
 . **XV-9A AIRCRAFT**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . . HELICOPTERS
 . . . MILITARY HELICOPTERS
 . . . **XV-9A AIRCRAFT**
 RT ∞ AIRCRAFT
 TIP DRIVEN ROTORS

XV-11A AIRCRAFT

GS RESEARCH AIRCRAFT
 . **XV-11A AIRCRAFT**
 V/STOL AIRCRAFT
 . VERTICAL TAKEOFF AIRCRAFT
 . . **XV-11A AIRCRAFT**
 RT ∞ AIRCRAFT
 LIFT FANS
 SHROUDED PROPELLERS

XV-15 AIRCRAFT

GS BELL AIRCRAFT
 . **XV-15 AIRCRAFT**
 V/STOL AIRCRAFT
 . ROTARY WING AIRCRAFT
 . . TILT ROTOR AIRCRAFT
 . . . **XV-15 AIRCRAFT**
 RT ∞ AIRCRAFT
 HELICOPTERS
 TILT ROTOR RESEARCH AIRCRAFT
 PROGRAM

XYLENE

GS ORGANIC COMPOUNDS
 . HYDROCARBONS
 . . **XYLENE**
 RT TOLUENE

XYLOSE

GS ORGANIC COMPOUNDS
 . CARBOHYDRATES
 . . SUGARS
 . . . MONOSACCHARIDES
 PENTOSE
 **XYLOSE**

Y**Y-BA-CU-O SUPERCONDUCTORS**

USE YBCO SUPERCONDUCTORS

YAG (GARNET)

USE YTTRIUM-ALUMINUM GARNET

YAG LASERS

GS ELECTRONIC EQUIPMENT
 . SOLID STATE DEVICES
 . . SOLID STATE LASERS
 . . . **YAG LASERS**
 STIMULATED EMISSION DEVICES

YAG LASERS--(cont.)

. LASERS
 . . SOLID STATE LASERS
 . . . **YAG LASERS**
 RT LASER HEATING
 LASER MATERIALS
 LASER OUTPUTS

YAGI ANTENNAS

GS ANTENNAS
 . DIRECTIONAL ANTENNAS
 . . **YAGI ANTENNAS**
 ARRAYS
 . ANTENNA ARRAYS
 . . LINEAR ARRAYS
 . . . ENDFIRE ARRAYS
 **YAGI ANTENNAS**
 RT ANTENNA DESIGN
 DIPOLE ANTENNAS
 DIRECTORS (ANTENNA ELEMENTS)
 PARASITIC ELEMENTS (ANTENNAS)
 WAVEGUIDE ANTENNAS

YAK 40 AIRCRAFT

GS GENERAL AVIATION AIRCRAFT
 . **YAK 40 AIRCRAFT**
 JET AIRCRAFT
 . **YAK 40 AIRCRAFT**
 LIGHT AIRCRAFT
 . **YAK 40 AIRCRAFT**
 PASSENGER AIRCRAFT
 . **YAK 40 AIRCRAFT**
 RT ∞ AIRCRAFT

YANG-MILLS FIELDS

RT ELECTROMAGNETIC FIELDS
 FIELD THEORY (PHYSICS)
 GAUGE THEORY
 GRAVITATIONAL FIELDS
 PERTURBATION THEORY
 YANG-MILLS THEORY

YANG-MILLS THEORY

RT FIELD THEORY (PHYSICS)
 GAUGE THEORY
 PERTURBATION THEORY
 SPACE-TIME FUNCTIONS
 STATISTICAL ANALYSIS
 SUPERGRAVITY
 THEORETICAL PHYSICS
 ∞ THEORIES
 YANG-MILLS FIELDS

YARNS

RT CORDAGE
 COTTON
 FIBERS
 ∞ ROVINGS
 STRANDS
 WOOL

YAV-8B AIRCRAFT

USE HARRIER AIRCRAFT

YAW

UF DAMPING IN YAW
 FISHTAILING
 YAWMETERS
 GS ATTITUDE (INCLINATION)
 . **YAW**
 RT AERODYNAMIC STABILITY
 DIRECTIONAL CONTROL
 DIRECTIONAL STABILITY
 LATERAL OSCILLATION
 ∞ MOTION
 PITCH (INCLINATION)
 ROLL
 ROTATION
 SIDESLIP
 SKIDDING
 TURNING FLIGHT
 YAWING MOMENTS

YAWING MOMENTS

GS MOMENTS
 . STABILITY DERIVATIVES
 . . **YAWING MOMENTS**
 RT AERODYNAMIC COEFFICIENTS
 LATERAL OSCILLATION
 MOMENTS OF INERTIA
 PITCHING MOMENTS
 ROLLING MOMENTS
 TORQUE
 YAW

YAWMETERS

USE ATTITUDE INDICATORS
 YAW

YBCO SUPERCONDUCTORS

UF Y-BA-CU-O SUPERCONDUCTORS
 GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . MIXED OXIDES
 **YBCO SUPERCONDUCTORS**
 CONDUCTORS
 . SUPERCONDUCTORS
 . . HIGH TEMPERATURE
 SUPERCONDUCTORS
 . . . **YBCO SUPERCONDUCTORS**
 RT BARIUM OXIDES
 CERAMICS
 CERMETS
 COPPER OXIDES
 LOW TEMPERATURE PHYSICS
 SUPERCONDUCTING FILMS
 SUPERCONDUCTIVITY
 THIN FILMS
 YTTRIUM OXIDES

YC-14 AIRCRAFT

GS TRANSPORT AIRCRAFT
 . CARGO AIRCRAFT
 . . **YC-14 AIRCRAFT**
 RT ∞ AIRCRAFT
 BOEING AIRCRAFT
 ∞ MILITARY AIRCRAFT

YC-15 AIRCRAFT

USE C-15 AIRCRAFT

YC-123 AIRCRAFT

USE C-123 AIRCRAFT

YEAST

GS PLANTS (BOTANY)
 . FUNGI
 . . **YEAST**
 RT ∞ FOOD

YELLOWSTONE NATIONAL PARK (ID-MT-WY)

GS LAND
 . PARKS
 . . NATIONAL PARKS
 . . . **YELLOWSTONE NATIONAL PARK**
 (ID-MT-WY)
 RT IDAHO
 MONTANA
 WYOMING

YEMEN

GS NATIONS
 . **YEMEN**
 RT ASIA

YF-12 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . **YF-12 AIRCRAFT**
 RT ∞ AIRCRAFT
 AIRCRAFT DESIGN
 ∞ INTERCEPTORS
 JET AIRCRAFT
 ∞ MILITARY AIRCRAFT
 RECONNAISSANCE AIRCRAFT
 RESEARCH AIRCRAFT

YF-16 AIRCRAFT

GS ATTACK AIRCRAFT
 . FIGHTER AIRCRAFT
 . . **YF-16 AIRCRAFT**
 SINGLE ENGINE AIRCRAFT
 . **YF-16 AIRCRAFT**
 RT ∞ AIRCRAFT
 ∞ MILITARY AIRCRAFT

YF-17 AIRCRAFT

USE F-17 AIRCRAFT

YF-22 AIRCRAFT

USE F-22 AIRCRAFT

YF-102 AIRCRAFT

USE F-102 AIRCRAFT

YHU-1 HELICOPTER

USE UH-1 HELICOPTER

YIELD
RT LOSSES
OUTPUT

YIELD POINT
UF DAMAGE THRESHOLD
LUDER BANDS
GS MECHANICAL PROPERTIES
. PLASTIC PROPERTIES
. **YIELD POINT**
RT MICROYIELD STRENGTH
TRESCA FLOW

YIELD STRENGTH
GS MECHANICAL PROPERTIES
. **YIELD STRENGTH**
. . . LOAD CARRYING CAPACITY
. . . MICROYIELD STRENGTH
RT ELASTIC PROPERTIES
FRACTURE STRENGTH
HIGH STRENGTH
J INTEGRAL
PLASTIC DEFORMATION
 ∞ STRENGTH
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRESSES
TEMPERATURE INVERSIONS

YIG (GARNET)
USE YTTRIUM-IRON GARNET

YJ-73-GE-3 ENGINE
USE J-73 ENGINE

YJ-79 ENGINE
USE J-79 ENGINE

YJ-85 ENGINE
USE J-85 ENGINE

YJ-93 ENGINE
USE J-93 ENGINE

YJ-93-GE-3 ENGINE
USE J-93 ENGINE

YJ73 TURBOJET ENGINE
USE J-73 ENGINE

YLF LASERS
UF YTTRIUM LITHIUM FLUORIDE LASERS
GS STIMULATED EMISSION DEVICES
. LASERS
. . . SEMICONDUCTOR LASERS
. . . **YLF LASERS**
. . . SOLID STATE LASERS
. . . **YLF LASERS**
RT INFRARED LASERS

YLR-91-AJ-1 ENGINE
GS ENGINES
. ROCKET ENGINES
. . . LIQUID PROPELLANT ROCKET
ENGINES
. . . **YLR-91-AJ-1 ENGINE**
RT TITAN ICBM

YLR-99-RM-1 ENGINE
USE LR-99 ENGINE

YO-YO DEVICES
RT ANGULAR ACCELERATION
GYROSCOPIC STABILITY
SATELLITE ROTATION
SPIN
SPIN REDUCTION

YOKES
RT BEAM WAVEGUIDES
CONNECTORS
COUPLERS
COUPLES
DEFLECTION
DIRECTIONAL COUPLERS
FERROMAGNETIC MATERIALS
 ∞ JOINING
LINKAGES
MAGNET COILS

YOUNG MODULUS
USE MODULUS OF ELASTICITY

YOUNG-HELMHOLTZ THEORY
RT COLOR VISION
PHOTORECEPTORS
 ∞ THEORIES

YOUTH
RT GROWTH
HUMAN BEINGS

YS-11 AIRCRAFT
UF NIHON YS-11 AIRCRAFT
GS JET AIRCRAFT
. TURBOPROP AIRCRAFT
. . . **YS-11 AIRCRAFT**
MONOPLANES
. . . **YS-11 AIRCRAFT**
NIHON AIRCRAFT
. . . **YS-11 AIRCRAFT**
PASSENGER AIRCRAFT
. . . **YS-11 AIRCRAFT**
TRANSPORT AIRCRAFT
. . . **YS-11 AIRCRAFT**

YT-2 AIRCRAFT
USE T-2 AIRCRAFT

YTTERBIUM
GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . **YTTERBIUM**
. . . YTTERBIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . **YTTERBIUM**
. . . YTTERBIUM ISOTOPES

YTTERBIUM COMPOUNDS
GS RARE EARTH COMPOUNDS
. **YTTERBIUM COMPOUNDS**
RT ∞ CHEMICAL COMPOUNDS
 ∞ METAL COMPOUNDS

YTTERBIUM ISOTOPES
GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . **YTTERBIUM**
. . . **YTTERBIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. . . **YTTERBIUM**
. . . **YTTERBIUM ISOTOPES**

YTTRIUM
GS CHEMICAL ELEMENTS
. RARE EARTH ELEMENTS
. . . **YTTRIUM**
. . . YTTRIUM ISOTOPES
METALS
. RARE EARTH ELEMENTS
. . . **YTTRIUM**
. . . YTTRIUM ISOTOPES
TRANSITION METALS
. . . **YTTRIUM**
. . . YTTRIUM ISOTOPES

YTTRIUM ALLOYS
GS ALLOYS
. **YTTRIUM ALLOYS**
RT RARE EARTH ALLOYS

YTTRIUM COMPOUNDS
GS **YTTRIUM COMPOUNDS**
. YTTRIUM OXIDES
. YTTRIUM-ALUMINUM GARNET
. YTTRIUM-IRON GARNET
RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 3B COMPOUNDS
 ∞ METAL COMPOUNDS

YTTRIUM ISOTOPES
GS CHEMICAL ELEMENTS
. NUCLIDES
. . . ISOTOPES
. . . **YTTRIUM ISOTOPES**
. RARE EARTH ELEMENTS
. . . **YTTRIUM**
. . . **YTTRIUM ISOTOPES**
METALS
. RARE EARTH ELEMENTS
. . . **YTTRIUM**
. . . **YTTRIUM ISOTOPES**
TRANSITION METALS
. . . **YTTRIUM**
. . . **YTTRIUM ISOTOPES**

YTTRIUM LITHIUM FLUORIDE LASERS
USE YLF LASERS

YTTRIUM OXIDES
GS CHALCOGENIDES
. OXIDES
. . . METAL OXIDES
. . . **YTTRIUM OXIDES**
YTTRIUM COMPOUNDS
. **YTTRIUM OXIDES**
RT HIGH TEMPERATURE
SUPERCONDUCTORS
YBCO SUPERCONDUCTORS

YTTRIUM-ALUMINUM GARNET
UF YAG (GARNET)
GS MINERALS
. GARNETS
. . . **YTTRIUM-ALUMINUM GARNET**
SILICON COMPOUNDS
. SILICATES
. . . GARNETS
. . . **YTTRIUM-ALUMINUM GARNET**
YTTRIUM COMPOUNDS
. **YTTRIUM-ALUMINUM GARNET**
RT FERRITES
MAGNETOSTATIC AMPLIFIERS

YTTRIUM-IRON GARNET
UF YIG (GARNET)
GS MINERALS
. GARNETS
. . . **YTTRIUM-IRON GARNET**
SILICON COMPOUNDS
. SILICATES
. . . GARNETS
. . . **YTTRIUM-IRON GARNET**
YTTRIUM COMPOUNDS
. **YTTRIUM-IRON GARNET**
RT FERRITES
MAGNETOSTATIC AMPLIFIERS
WAVEGUIDE TUNERS

YUGOSLAVIA
GS NATIONS
. **YUGOSLAVIA**
RT ADRIATIC SEA
EUROPE

YUH-1 HELICOPTER
USE UH-1 HELICOPTER

YUH-60A HELICOPTER
USE UH-60A HELICOPTER

YUH-61A HELICOPTER
USE UH-61A HELICOPTER

YUKAWA POTENTIAL
RT MESON-NUCLEON INTERACTIONS
 ∞ POTENTIAL

YUKON AIRCRAFT
USE CL-44 AIRCRAFT

YUKON TERRITORY
GS NATIONS
. CANADA
. . . **YUKON TERRITORY**

Z

Z-37 AIRCRAFT
UF OMNIPOL Z-37 AIRCRAFT
GS MONOPLANES
. **Z-37 AIRCRAFT**
UTILITY AIRCRAFT
. **Z-37 AIRCRAFT**

ZAIRE
UF BELGIAN CONGO
CONGO (KINSHASA)
GS NATIONS
. **ZAIRE**
RT AFRICA

ZAMBIA
GS NATIONS
. **ZAMBIA**
RT AFRICA

ZEEMAN EFFECT

RT ∞ EFFECTS
 . MAGNETIC FIELDS
 . SPECTROSCOPY
 . SPECTRUM ANALYSIS
 . STARK EFFECT
 . VOIGT EFFECT

ZENER DIODES

USE AVALANCHE DIODES

ZENER EFFECT

RT BARRIER LAYERS
 . CARRIER DENSITY (SOLID STATE)
 ∞ CARRIERS
 ∞ EFFECTS
 . ELECTRIC DISCHARGES
 . FIELD EMISSION

ZENITH

RT ANTIPODES
 . APEXES
 . CELESTIAL SPHERE
 . MAXIMA
 . NOON
 . SOLAR POSITION

ZEOLITES

GS SILICON COMPOUNDS
 . SILICATES
 . . . ZEOLITES
 RT ION EXCHANGE RESINS
 . MINERALS

ZERO ANGLE OF ATTACK

GS GEOMETRY
 . EUCLIDEAN GEOMETRY
 . . ANGLES (GEOMETRY)
 . . . ANGLE OF ATTACK
 ZERO ANGLE OF ATTACK

ZERO CROSSINGS

USE ROOTS OF EQUATIONS

ZERO FORCE CURVES

RT CURVATURE
 ∞ CURVES
 ∞ FORCE

ZERO GRAVITY

USE WEIGHTLESSNESS

ZERO LIFT

GS AERODYNAMIC CHARACTERISTICS
 . LIFT
 . . ZERO LIFT
 . AERODYNAMIC FORCES
 . LIFT
 . . ZERO LIFT
 . DYNAMIC CHARACTERISTICS
 . LIFT
 . . ZERO LIFT
 RT AERODYNAMIC STALLING
 . BOUNDARY LAYER SEPARATION
 . DISTRIBUTION (PROPERTY)

ZERO POINT ENERGY

RT ABSOLUTE ZERO
 . FIELD THEORY (PHYSICS)
 . KINETIC ENERGY
 . THERMODYNAMIC PROPERTIES

ZERO POWER REACTOR 2

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . HEAVY WATER REACTORS
 ZERO POWER REACTOR 2
 ZERO POWER REACTORS
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 2

ZERO POWER REACTOR 3

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 ZERO POWER REACTOR 3
 ZERO POWER REACTOR 3
 ZERO POWER REACTOR 3
 ZERO POWER REACTOR 3

ZERO POWER REACTOR 6

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 6

ZERO POWER REACTOR 9

GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 ZERO POWER REACTOR 9
 ZERO POWER REACTOR 9
 ZERO POWER REACTOR 9
 ZERO POWER REACTOR 9
 ZERO POWER REACTOR 9

ZERO POWER REACTORS

UF ZPR REACTORS
 GS NUCLEAR REACTORS
 . LIQUID COOLED REACTORS
 . . WATER COOLED REACTORS
 . . . ZERO POWER REACTORS
 ZERO POWER REACTOR 2
 ZERO POWER REACTOR 3
 ZERO POWER REACTOR 6
 ZERO POWER REACTOR 9

ZERO SOUND

GS ACOUSTIC PROPERTIES
 . SOUND INTENSITY
 . . ZERO SOUND
 . RATES (PER TIME)
 . . FLUX DENSITY
 . . . SOUND INTENSITY
 ZERO SOUND
 RT ACOUSTIC ATTENUATION
 . ACOUSTICS
 . ANECHOIC CHAMBERS
 . REFLECTION
 . SILENCERS
 . SUBAUDIBLE FREQUENCIES

ZERO-G ACPL (SPACELAB)

USE ATMOSPHERIC CLOUD PHYSICS LAB
 (SPACELAB)

ZETA AURIGAE STAR

GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . BINARY STARS
 ECLIPSING BINARY STARS
 ZETA AURIGAE STAR
 RT AURIGA CONSTELLATION

ZETA PINCH

GS PINCH EFFECT
 . PLASMA PINCH
 . . ZETA PINCH
 RT CONTROLLED FUSION
 . MAGNETOHYDRODYNAMIC STABILITY
 . PLASMA COMPRESSION
 . PLASMA CONTROL
 . PLASMA ELECTRODES
 . PLASMA FOCUS
 . Q DEVICES
 . ROTATING PLASMAS
 . SCREW PINCH
 . THETA PINCH

ZETA THERMONUCLEAR REACTOR

RT PINCH EFFECT
 . THERMONUCLEAR POWER GENERATION
 . THERMONUCLEAR REACTIONS

ZEUS MISSILE

USE NIKE-ZEUS MISSILE

ZIEGLER CATALYST

GS CATALYSTS
 . ZIEGLER CATALYST
 RT POLYMERIZATION

ZIMBABWE

UF RHODESIA
 GS NATIONS
 . ZIMBABWE
 RT AFRICA

ZINC

GS CHEMICAL ELEMENTS
 . ZINC
 . . ZINC ISOTOPES
 . METALS
 . . TRANSITION METALS
 . . ZINC
 . . . ZINC ISOTOPES

ZINC ALLOYS

GS ALLOYS
 . ZINC ALLOYS
 RT BEARING ALLOYS
 . SOLDERS

ZINC ANTIMONIDES

GS ANTIMONY COMPOUNDS
 . ANTIMONIDES
 . . ZINC ANTIMONIDES
 . ZINC COMPOUNDS
 . . ZINC ANTIMONIDES

ZINC CHLORIDES

GS HALOGEN COMPOUNDS
 . CHLORINE COMPOUNDS
 . . CHLORIDES
 . . . ZINC CHLORIDES
 . . . HALIDES
 CHLORIDES
 ZINC CHLORIDES
 METAL HALIDES
 ZINC CHLORIDES
 . ZINC COMPOUNDS
 . . ZINC CHLORIDES

ZINC COATINGS

UF GALVANIZING
 GS COATINGS
 . METAL COATINGS
 . . ZINC COATINGS
 RT PROTECTIVE COATINGS

ZINC COMPOUNDS

GS ZINC COMPOUNDS
 . ZINC ANTIMONIDES
 . ZINC CHLORIDES
 . ZINC FLUORIDES
 . ZINC OXIDES
 . ZINC SELENIDES
 . ZINC SULFIDES
 . . WURTZITE
 . . ZINCBLENDE
 . . ZINC TELLURIDES
 . . ZINC TUNGSTATES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 2B COMPOUNDS
 ∞ METAL COMPOUNDS

ZINC FLUORIDES

GS HALOGEN COMPOUNDS
 . FLUORINE COMPOUNDS
 . . FLUORIDES
 . . . METAL FLUORIDES
 ZINC FLUORIDES
 . ZINC COMPOUNDS
 . . ZINC FLUORIDES

ZINC ISOTOPES

GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . ZINC ISOTOPES
 . . ZINC
 . . . ZINC ISOTOPES
 . METALS
 . . TRANSITION METALS
 . . ZINC
 . . . ZINC ISOTOPES

ZINC NICKEL BATTERIES

USE NICKEL ZINC BATTERIES

ZINC OXIDES

GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . ZINC OXIDES
 . ZINC COMPOUNDS
 . . ZINC OXIDES

ZINC SELENIDES

GS CHALCOGENIDES
 . SELENIDES
 . . ZINC SELENIDES

ZINC SELENIDES--(cont.)
 SELENIUM COMPOUNDS
 . SELENIDES
 . . . **ZINC SELENIDES**
 ZINC COMPOUNDS
 . **ZINC SELENIDES**
 RT SCHOTTKY DIODES

ZINC SILVER BATTERIES
 USE SILVER ZINC BATTERIES

ZINC SILVER OXIDE BATTERIES
 USE SILVER ZINC BATTERIES

ZINC SULFIDES
 GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **ZINC SULFIDES**
 WURTZITE
 ZINCBLLENDE
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . **ZINC SULFIDES**
 WURTZITE
 ZINCBLLENDE
 ZINC COMPOUNDS
 . **ZINC SULFIDES**
 . . WURTZITE
 . . ZINCBLLENDE

ZINC TELLURIDES
 GS CHALCOGENIDES
 . TELLURIDES
 . . **ZINC TELLURIDES**
 TELLURIUM COMPOUNDS
 . TELLURIDES
 . . **ZINC TELLURIDES**
 ZINC COMPOUNDS
 . **ZINC TELLURIDES**

ZINC TUNGSTATES
 GS TUNGSTEN COMPOUNDS
 . TUNGSTATES
 . . **ZINC TUNGSTATES**
 ZINC COMPOUNDS
 . **ZINC TUNGSTATES**

ZINC-BROMIDE BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **ZINC-BROMIDE BATTERIES**
 RT ZINC-CHLORINE BATTERIES

ZINC-CHLORINE BATTERIES
 GS ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . STORAGE BATTERIES
 . . . **ZINC-CHLORINE BATTERIES**
 RT ZINC-BROMIDE BATTERIES

ZINC-OXYGEN BATTERIES
 GS ELECTRIC GENERATORS
 . DIRECT POWER GENERATORS
 . . PRIMARY BATTERIES
 . . . METAL AIR BATTERIES
 **ZINC-OXYGEN BATTERIES**
 ELECTROCHEMICAL CELLS
 . ELECTRIC BATTERIES
 . . PRIMARY BATTERIES
 . . . METAL AIR BATTERIES
 **ZINC-OXYGEN BATTERIES**

ZINCBLLENDE
 UF SPHALERITE
 GS CHALCOGENIDES
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . ZINC SULFIDES
 **ZINCBLLENDE**
 MINERALS
 . **ZINCBLLENDE**
 SULFUR COMPOUNDS
 . SULFIDES
 . . INORGANIC SULFIDES
 . . . ZINC SULFIDES
 **ZINCBLLENDE**
 ZINC COMPOUNDS
 . ZINC SULFIDES
 . . **ZINCBLLENDE**

ZIPPER
 GS FASTENERS
 . **ZIPPER**
 RT HOLDERS

ZIRCALOY 2 (TRADEMARK)
 GS ALLOYS
 . ZIRCONIUM ALLOYS
 . . ZIRCALOYS (TRADEMARK)
 . . . **ZIRCALOY 2 (TRADEMARK)**

ZIRCALOYS (TRADEMARK)
 GS ALLOYS
 . ZIRCONIUM ALLOYS
 . . **ZIRCALOYS (TRADEMARK)**
 . . . ZIRCALOY 2 (TRADEMARK)
 RT IRON ALLOYS
 TIN ALLOYS

ZIRCONATES
 GS ZIRCONIUM COMPOUNDS
 . **ZIRCONATES**
 . . BARIUM ZIRCONATES
 . . STRONTIUM ZIRCONATES

ZIRCONIA
 USE ZIRCONIUM OXIDES

ZIRCONIUM
 GS CHEMICAL ELEMENTS
 . **ZIRCONIUM**
 . . ZIRCONIUM ISOTOPES
 . . . ZIRCONIUM 95
 METALS
 . TRANSITION METALS
 . . **ZIRCONIUM**
 . . . ZIRCONIUM ISOTOPES
 ZIRCONIUM 95

ZIRCONIUM ALLOYS
 GS ALLOYS
 . **ZIRCONIUM ALLOYS**
 . . ZIRCALOYS (TRADEMARK)
 . . . ZIRCALOY 2 (TRADEMARK)
 RT HAFNIUM ALLOYS
 LITHIUM ALLOYS

ZIRCONIUM CARBIDES
 GS CARBON COMPOUNDS
 . CARBIDES
 . . **ZIRCONIUM CARBIDES**
 ZIRCONIUM COMPOUNDS
 . **ZIRCONIUM CARBIDES**

ZIRCONIUM COMPOUNDS
 GS **ZIRCONIUM COMPOUNDS**
 . ZIRCONATES
 . . BARIUM ZIRCONATES
 . . STRONTIUM ZIRCONATES
 . ZIRCONIUM CARBIDES
 . ZIRCONIUM HYDRIDES
 . ZIRCONIUM IODIDES
 . ZIRCONIUM NITRIDES
 . ZIRCONIUM OXIDES
 . ZIRCONIUM TITANATES
 RT ∞ CHEMICAL COMPOUNDS
 ∞ GROUP 4B COMPOUNDS
 ∞ METAL COMPOUNDS

ZIRCONIUM HYDRIDES
 GS HYDROGEN COMPOUNDS
 . HYDRIDES
 . . **ZIRCONIUM HYDRIDES**
 ZIRCONIUM COMPOUNDS
 . **ZIRCONIUM HYDRIDES**

ZIRCONIUM IODIDES
 GS HALOGEN COMPOUNDS
 . HALIDES
 . . METAL HALIDES
 . . . **ZIRCONIUM IODIDES**
 . . . IODINE COMPOUNDS
 . . . IODIDES
 **ZIRCONIUM IODIDES**
 ZIRCONIUM COMPOUNDS
 . **ZIRCONIUM IODIDES**

ZIRCONIUM ISOTOPES
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . **ZIRCONIUM ISOTOPES**
 ZIRCONIUM 95
 . ZIRCONIUM

ZIRCONIUM ISOTOPES--(cont.)
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 . TRANSITION METALS
 . . ZIRCONIUM
 . . . **ZIRCONIUM ISOTOPES**
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ZIRCONIUM NITRIDES
 GS NITROGEN COMPOUNDS
 . NITRIDES
 . . METAL NITRIDES
 . . . **ZIRCONIUM NITRIDES**
 ZIRCONIUM COMPOUNDS
 . **ZIRCONIUM NITRIDES**

ZIRCONIUM OXIDES
 UF ZIRCONIA
 GS CHALCOGENIDES
 . OXIDES
 . . METAL OXIDES
 . . . **ZIRCONIUM OXIDES**
 ZIRCONIUM COMPOUNDS
 . **ZIRCONIUM OXIDES**

ZIRCONIUM TITANATES
 GS TITANIUM COMPOUNDS
 . TITANATES
 . . **ZIRCONIUM TITANATES**
 ZIRCONIUM COMPOUNDS
 . **ZIRCONIUM TITANATES**

ZIRCONIUM 95
 GS CHEMICAL ELEMENTS
 . NUCLIDES
 . . ISOTOPES
 . . . RADIOACTIVE ISOTOPES
 **ZIRCONIUM 95**
 ZIRCONIUM ISOTOPES
 **ZIRCONIUM 95**
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 . . ZIRCONIUM ISOTOPES
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 METALS
 . TRANSITION METALS
 . . ZIRCONIUM
 . . . ZIRCONIUM ISOTOPES
 **ZIRCONIUM 95**

ZODIAC
 RT CONSTELLATIONS
 ECLIPTIC
 SCORPIUS CONSTELLATION
 SCUTUM CONSTELLATION

ZODIACAL DUST
 GS CELESTIAL BODIES
 . METEORIDS
 . . MICROMETEORIDS
 . . . METEOROID DUST CLOUDS
 **ZODIACAL DUST**
 MEDIA
 . INTERPLANETARY MEDIUM
 . . INTERPLANETARY DUST
 . . . METEOROID DUST CLOUDS
 **ZODIACAL DUST**
 PARTICLES
 . DUST
 . . COSMIC DUST
 . . . INTERPLANETARY DUST
 METEOROID DUST CLOUDS
 **ZODIACAL DUST**
 RT EXPLORER SATELLITES
 MICROMETEORITES
 POYNTING-ROBERTSON EFFECT
 TERRESTRIAL DUST BELT

ZODIACAL LIGHT
 GS ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . . **ZODIACAL LIGHT**
 EXTRATERRESTRIAL RADIATION
 . **ZODIACAL LIGHT**
 RT GEGENSCHNEID
 HELIOS PROJECT
 MICROMETEORIDS
 NIGHT SKY
 POLARIZED LIGHT
 POYNTING-ROBERTSON EFFECT
 SKY BRIGHTNESS
 SOLAR RADIATION
 SUNLIGHT

ZONAL CIRCULATION

ZONAL CIRCULATION
 USE ZONAL FLOW (METEOROLOGY)

ZONAL EARTH ENERGY BUDGET EXPERIMENT
 USE LZEEBE SATELLITE

ZONAL FLOW (METEOROLOGY)
 UF ZONAL CIRCULATION
 GS CIRCULATION
 . ATMOSPHERIC CIRCULATION
 . **ZONAL FLOW (METEOROLOGY)**
 RT AIR CURRENTS
 ANNUAL VARIATIONS
 BAROCLINIC INSTABILITY
 BAROCLINIC WAVES
 CIRCUMPOLAR WESTERLIES
 CLIMATOLOGY
 INTERTROPICAL CONVERGENT ZONES
 JET STREAMS (METEOROLOGY)
 MERIDIONAL FLOW
 METEOROLOGY
 MIDDLE ATMOSPHERE
 MIXING HEIGHT
 PLANETARY WAVES
 WIND (METEOROLOGY)
 WIND DIRECTION
 WIND PROFILES

ZONAL HARMONICS
 GS ANALYSIS (MATHEMATICS)
 . FUNCTIONAL ANALYSIS
 . HARMONIC ANALYSIS
 . **ZONAL HARMONICS**
 HARMONICS
 . **ZONAL HARMONICS**

ZOND SPACE PROBES
 GS INTERPLANETARY SPACECRAFT
 . **ZOND SPACE PROBES**
 . ZOND 1 SPACE PROBE
 . ZOND 2 SPACE PROBE
 . ZOND 3 SPACE PROBE
 . ZOND 4 SPACE PROBE
 . ZOND 5 SPACE PROBE
 . ZOND 6 SPACE PROBE
 . ZOND 7 SPACE PROBE
 . ZOND 8 SPACE PROBE
 SOVIET SPACECRAFT
 . **ZOND SPACE PROBES**
 . ZOND 1 SPACE PROBE
 . ZOND 2 SPACE PROBE
 . ZOND 3 SPACE PROBE
 . ZOND 4 SPACE PROBE
 . ZOND 5 SPACE PROBE
 . ZOND 6 SPACE PROBE
 . ZOND 7 SPACE PROBE
 . ZOND 8 SPACE PROBE
 UNMANNED SPACECRAFT
 . **ZOND SPACE PROBES**
 . ZOND 1 SPACE PROBE
 . ZOND 2 SPACE PROBE
 . ZOND 3 SPACE PROBE
 . ZOND 4 SPACE PROBE
 . ZOND 5 SPACE PROBE
 . ZOND 6 SPACE PROBE
 . ZOND 7 SPACE PROBE
 . ZOND 8 SPACE PROBE
 RT MARS PROBES

ZOND 1 SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . **ZOND 1 SPACE PROBE**
 . ZOND SPACE PROBES
 . **ZOND 1 SPACE PROBE**
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
 . **ZOND 1 SPACE PROBE**
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 . SPACE PROBES
 . VENUS PROBES
 . **ZOND 1 SPACE PROBE**
 . ZOND SPACE PROBES
 . **ZOND 1 SPACE PROBE**

ZOND 2 SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . **ZOND 2 SPACE PROBE**
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 . **ZOND 2 SPACE PROBE**
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 . MARS PROBES
 . **ZOND 2 SPACE PROBE**
 . ZOND SPACE PROBES
 . **ZOND 2 SPACE PROBE**

ZOND 3 SPACE PROBE
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 . VENUS PROBES
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 . ZOND SPACE PROBES
 . **ZOND 3 SPACE PROBE**
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 . SPACE PROBES
 . VENUS PROBES
 . **ZOND 3 SPACE PROBE**
 . ZOND SPACE PROBES
 . **ZOND 3 SPACE PROBE**

ZOND 4 SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
 . **ZOND 4 SPACE PROBE**
 . ZOND SPACE PROBES
 . **ZOND 4 SPACE PROBE**
 SOVIET SPACECRAFT
 . ZOND SPACE PROBES
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 UNMANNED SPACECRAFT
 . SPACE PROBES
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 . ZOND SPACE PROBES
 . **ZOND 4 SPACE PROBE**

ZOND 5 SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . VENUS PROBES
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 . ZOND SPACE PROBES
 . **ZOND 5 SPACE PROBE**
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ZOND 7 SPACE PROBE
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ZONE MELTING
 UF ZONE REFINING
 GS PHASE TRANSFORMATIONS
 . FREEZING
 . **ZONE MELTING**
 RT ARC MELTING
 CRYSTALLIZATION
 FLOAT ZONES
 MELTING
 PURIFICATION
 REFINING
 ∞ SEPARATION
 ULTRAPURE METALS
 VACUUM MELTING

ZONE REFINING
 USE ZONE MELTING

ZONES
 USE REGIONS

∞ ZOOLOGY
 SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ANIMALS
 BOTANY
 ENTOMOLOGY
 ∞ SCIENCE
 TAXONOMY

ZOOM LENSES
 GS LENSES
 . **ZOOM LENSES**
 RT LENS DESIGN

ZOOPLANKTON
 GS ANIMALS
 . **ZOOPLANKTON**
 PLANKTON
 . **ZOOPLANKTON**
 RT MARINE BIOLOGY
 PHYTOPLANKTON

ZPR REACTORS
 USE ZERO POWER REACTORS

ZUNI ROCKET VEHICLE
 GS ROCKET VEHICLES
 . SINGLE STAGE ROCKET VEHICLES
 . **ZUNI ROCKET VEHICLE**
 RT SOLID PROPELLANT ROCKET ENGINES

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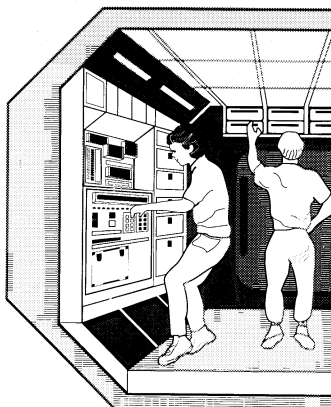
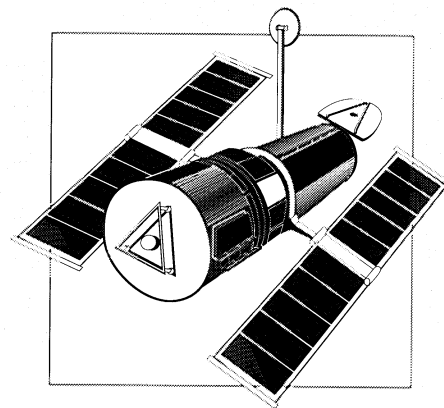


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NASA Thesaurus

VOLUME 2
Access Vocabulary
1994 Edition

National Aeronautics and Space Administration



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NASA THESAURUS

**VOLUME 2
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Space Administration

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INTRODUCTION

The *Access Vocabulary* is made available as a ready reference tool to provide better access to the *NASA Thesaurus Volume 1 – Hierarchical Listing*. For convenience, the postable terms without their hierarchies and the nonpostable 'USE' terms have been repeated. The remainder of the *Access Vocabulary* contains unique 'access points' to the hierarchies in Volume 1. It utilizes pseudoterms (permuted terms), embedded terms, other word entries, nonpostable terms (cross references), and postable terms. Once the desired postable term has been located, the complete hierarchical information for that term should be consulted in the *Hierarchical Listing*. This volume is updated by Part 2 of the *NASA Thesaurus Supplement*.

PSEUDOTERMS

Pseudoterms are permuted terms where each word in the term is rearranged by the computer to give access to any word in the term. By looking up any word in a term, the user can locate the postable term.

As an example of the potential use of permuted terms, suppose that a user wants to find information on a specific band that he knows is named for a person, but he cannot remember the person's name. By looking up the word band, he will find 14 types of bands. If the band he was trying to remember was the Herzberg Band, he would find it listed and its presence would probably jog his memory. Without the *Access Vocabulary* this might be difficult, if not impossible.

bands, absorption
USE absorption spectra

bands, Hertzberg
USE Hertzberg bands

EMBEDDED TERMS

Embedded terms are rearrangements of parts of a word that contain other words within the term. The feature of permuting such a word is valuable and provides access to information that might otherwise be unavailable. The word geomagnetism is thus permuted to become **magnetism, geo** and can be located under **magnetism** in the *Access Vocabulary*. Permutations are also made in terms such as **magnetohydrodynamics**. Access is available through **hydro** and **dynamics**. These terms are manually selected and segmented by subsequent computer manipulation.

magnetism, geo
USE geomagnetism

hydrodynamics, magneto
USE magnetohydrodynamics

OTHER WORD ENTRIES

These include chemical abbreviations and abbreviations of states.

CS
USE cesium

KS
USE Kansas

NON POSTABLE AND POSTABLE TERMS

These terms without their hierarchies are included for the convenience of the user. Consult the *Hierarchical Listing* for complete information.

STOPWORDS

Certain access points in inverted listings have questionable value for the user and have been eliminated for the purposes of economy. As an example, such words as: *the, an, of*, etc., are not inverted. With this edition many pages have been saved by eliminating numerical entry inversions which are rarely used.

GLOSSES

A part of a term, usually at the end of a term, that is put in parentheses and qualifies the main term is called a gloss. These glosses which are usually terms for broader qualifiers are accessible in the *Access Vocabulary*. For example, there are 25 entries under the gloss **(biology)**. Parentheses are ignored in filing glosses due to permutation factors.

(biology), activity cycles
USE activity cycles (biology)

(biology), cells
USE cells (biology)

(biology), reproduction
USE reproduction (biology)

UPPERCASE AND LOWERCASE AUTHORITY

With this edition, the *NASA Thesaurus* provides upper/lowercase authority for all of its terms and cross references. This information is for the convenience of the user and establishes a more complete authority for aerospace terminology. NASA RECON users do not have to key in a term in its upper/lowercase form for retrieval since the system is not case sensitive.

TYPICAL ACCESS VOCABULARY ENTRIES

Nonpostable term in natural language order.
Postable term reference.

Air Density Explorer A
USE Explorer 19 Satellite

Pseudoterms (permutations) derived from
nonpostable multiword term. Postable term ref-
erence follows USE.

A, Air Density Explorer
USE Explorer 19 Satellite

Density Explorer A, Air
USE Explorer 19 Satellite

Explorer A, Air Density
USE Explorer 19 Satellite

Embedded term.

biogeochemistry

Pseudoterms (permutations) derived from
embedded term.

chemistry, biogeo
USE biogeochemistry

geochemistry, bio
USE biogeochemistry

Postable multiword term.

Apollo Soyuz Test Project

Pseudoterms derived from multiword term.

project, Apollo Soyuz test
USE Apollo Soyuz test project

Soyuz test project, Apollo
USE Apollo Soyuz test project

test project, Apollo Soyuz
USE Apollo Soyuz test project

Typical OTHER WORD entry (abbreviation)
with postable term reference.

MA
USE Massachusetts

Typical OTHER WORD entry (chemical sym-
bol) with postable term reference.

zn
USE zinc

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VOLUME 2 ACCESS VOCABULARY

A

A, Air Density Explorer
USE Explorer 19 satellite

A, Anik
USE Anik 1

A, Atmosphere Explorer
USE Explorer 17 satellite

A, BE
USE Beacon Explorer A

A, Beacon Explorer
USE Beacon Explorer A

A, Cassiopeia
USE Cassiopeia A

A, compound
USE compound A

A computer, CDC 160-
USE CDC 160-A computer

A, Energetic Particle Explorer
USE Explorer 12 satellite

A, EOS-
USE Landsat E

A, EPE-
USE Explorer 12 satellite

A, ERTS-
USE Landsat 1

A, HEAO
USE HEAO 1

A, Helios
USE Helios A

A, High Energy Astronomy Observatory
USE HEAO 1

A, IMP-
USE Explorer 18 satellite

A, Ionosphere Explorer
USE Explorer 20 satellite

A, ISIS-
USE ISIS-A

A, Lunar Orbiter
USE Lunar Orbiter 1

A missile, BOMARC
USE BOMARC A missile

A, OAO-
USE OAO 1

A, OGO-
USE OGO-A

A, OSO-
USE OSO-1

A reactor, Tory 2-
USE Tory 2-A reactor

A rocket vehicle, Agena
USE Agena A rocket vehicle

A satellite, AD-
USE Explorer 19 satellite

A satellite, AE-
USE Explorer 17 satellite

A satellite, DME-
USE Explorer 31 satellite

A satellite, EXOS-
USE EXOS-A satellite

A satellite, HEOS
USE HEOS A satellite

A satellite, Magsat
USE Magsat A satellite

A, SE-
USE Explorer 30 satellite

A, SIR-
USE Shuttle Imaging Radar

A, SMM-
USE solar maximum mission-A

A, solar maximum mission-
USE solar maximum mission-A

A, Space Shuttle mission 31-
USE Space Shuttle mission 31-A

A, Space Shuttle mission 41-
USE Space Shuttle mission 41-A

A, Space Shuttle mission 51-
USE Space Shuttle mission 51-A

A, Space Shuttle mission 61-
USE Space Shuttle mission 61-A

A, Space Shuttle upper stage
USE Space Shuttle upper stage A

A, SSUS-
USE Space Shuttle upper stage A

A stars

A, Telesat Canada
USE Anik 1

A, TOS-
USE ESSA 3 satellite

A, vitamin
USE retinene

A-W devices, B-
USE bulk acoustic wave devices

A-W devices, S-
USE surface acoustic wave devices

A-1 aircraft

A-1 engine, RL-10-
USE RL-10-A-1 engine

A-2 aircraft

A-3 aircraft

A-3 engine, RL-10-
USE RL-10-A-3 engine

A-4 aircraft

A-5 aircraft

A-6 aircraft

A-7 aircraft

A-9 aircraft

A-10 aircraft

A-11 satellite
USE Echo 1 satellite

A-12 satellite
USE Echo 2 satellite

A-37 aircraft

A-300 aircraft

A-310 aircraft

A-320 aircraft

AABNCP
USE E-4A aircraft

AAP 1 mission

AAP 2 mission

AAP 3 mission

AAP 4 mission

(abandonment), escape
USE escape (abandonment)

abatement, smoke
USE smoke abatement

abdomen

Abel function

aberration

abilities

abilities, dis
USE disabilities

abiogenesis

ablated nosetips
USE PANT program

ablation

ablation, laser
USE laser ablation

ablative materials

ablative nose cones

Able rocket vehicle, Thor
USE Thor Able rocket vehicle

Able 5 launch vehicle, Atlas
USE Atlas Able 5 launch vehicle

Ablestar launch vehicle

ABM

ABM

USE apogee boost motors

abnormalities

aborigines

abort apparatus

abort trajectories

aborted missions

abrasion

abrasion resistance

abrasives

Abrikosov theory

absolute zero

absorbents

absorbers

absorbers (equipment)

absorbers (materials)

absorbers, neutron

USE neutron absorbers

absorbers, radar

USE radar absorbers

absorbers, shock

USE shock absorbers

absorbers, solar energy

USE solar energy absorbers

absorptance

absorptiometry, gamma ray

USE gamma ray absorptiometry

absorptiometry, photon

USE photon absorptiometry

absorption

absorption, atmospheric

USE atmospheric attenuation

absorption, auroral

USE auroral absorption

absorption bands

USE absorption spectra

absorption coefficient

USE absorptivity

absorption cooling

absorption cross sections

absorption, electromagnetic

USE electromagnetic absorption

absorption, energy

USE energy absorption

absorption films, energy

USE energy absorption films

absorption, gamma ray

USE gamma ray absorption

absorption, infrared

USE infrared absorption

absorption, ionospheric

USE ionospheric propagation
electromagnetic absorption

absorption lidar, differential

USE differential absorption lidar

absorption, light

USE electromagnetic absorption

absorption, magnetic

USE electromagnetic absorption

absorption, material

USE material absorption

absorption, microwave

USE microwave absorption

absorption), moderation (energy

USE moderation (energy absorption)

absorption, molecular

USE molecular absorption

absorption, multiphoton

USE multiphoton absorption

absorption, optical

USE light transmission
electromagnetic absorption

absorption, photo

USE photoabsorption

absorption, polar cap

USE polar cap absorption

absorption, radiation

USE radiation absorption

absorption, self

USE self absorption

absorption, sound

USE sound transmission

absorption spectra

absorption, spectral

USE absorption spectra

absorption spectroscopy

absorption, thermal

USE thermal absorption

absorption), thermalization (energy

USE thermalization (energy absorption)

absorption, ultraviolet

USE ultraviolet absorption

absorption, X ray

USE X ray absorption

absorptive index

USE absorptivity

absorptivity

abstracts

abundance

abundance, element

USE abundance

Ac

USE actinium

AC alternators, linear

USE linear alternators

AC (current)

USE alternating current

AC generators

AC), inverted converters (DC to

USE inverted converters (DC to AC)

(AC to AC), voltage converters

USE voltage converters (AC to AC)

(AC to DC), current converters

USE current converters (AC to DC)

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AC), voltage converters (AC to

USE voltage converters (AC to AC)

AC-1 aircraft

USE DHC 4 aircraft

accelerated life tests

accelerating agents

acceleration

acceleration, angular

USE angular acceleration

acceleration, electromagnetic

USE electromagnetic acceleration

acceleration, electron

USE electron acceleration

acceleration, high

USE high acceleration

(acceleration), high gravity

USE high gravity environments

acceleration, impact

USE impact acceleration

acceleration, magnetohydrodynamic

USE plasma acceleration

acceleration, particle

USE particle acceleration

acceleration (physics)

acceleration, physiological

USE physiological acceleration

acceleration, plasma

USE plasma acceleration

acceleration protection

acceleration stresses (physiology)

acceleration tolerance

acceleration, transverse

USE transverse acceleration

accelerator, Cyclops plasma

USE Cyclops plasma accelerator

accelerator, Nimrod

USE Nimrod accelerator

accelerator targets, particle

USE particle accelerator targets

accelerators

accelerators, coaxial plasma

USE coaxial plasma accelerators

accelerators, cyclic

USE cyclic accelerators

accelerators, electron

USE electron accelerators

accelerators, electron ring

USE storage rings (particle accelerators)

accelerators, Hall

USE Hall accelerators

accelerators, hypervelocity

USE hypervelocity guns

accelerators, ion

USE ion accelerators

accelerators, linear

USE linear accelerators

accelerators, particle

USE particle accelerators

accelerators, plasma
USE plasma accelerators

accelerators), racetracks (particle
USE racetracks (particle accelerators)

accelerators, railgun
USE railgun accelerators

Accelerators, Space Exper with Particle
USE SEPAC (payload)

accelerators), storage rings (particle
USE storage rings (particle accelerators)

accelerators, Van de Graaff
USE Van de Graaff accelerators

accelerometers

accelerometers, strain gage
USE strain gage accelerometers

acceptability

acceptance
USE acceptability

acceptor materials

access, code division multiple
USE code division multiple access

access control

access, demand assignment multiple
USE demand assignment multiple access

access, frequency division multiple
USE frequency division multiple access

access memory, random
USE random access memory

access, multiple
USE multiple access

access, random
USE random access

access time

access, time division multiple
USE time division multiple access

accessories

accident investigation

accident investigation, aircraft
USE aircraft accident investigation

accident prevention

accident proneness

accidents

accidents, aircraft
USE aircraft accidents

accidents, automobile
USE automobile accidents

accidents, cerebral vascular
USE cerebral vascular accidents

acclimatization

acclimatization, altitude
USE altitude acclimatization

acclimatization, cold
USE cold acclimatization

acclimatization, heat
USE heat acclimatization

accommodation

accommodation coefficient

accommodation coefficients, thermal
USE accommodation coefficient

accommodation, visual
USE visual accommodation

accounting

accretion
USE deposition

accretion disks

accretion, stellar mass
USE stellar mass accretion

accumulations

accumulators

accumulators (computers)

accuracy

accuracy, geodetic
USE geodetic accuracy

accuracy, geometric
USE geometric accuracy

ACEE program

acetaldehyde

acetals

acetanilide

acetates

acetates, cobalt
USE cobalt acetates

acetates, lead
USE lead acetates

acetation
USE acetylation

acetazolamide

acetic acid

acetone

acetone, acetyl
USE acetylacetone

acetonitrile

acetyl compounds

acetylacetone

acetylation

acetylene

acetylene, oxy
USE oxyacetylene

acetylsalicylic acid

achievement

achondrite, Kapoeta
USE Kapoeta achondrite

achondrite, Norton County
USE Norton County achondrite

achondrites

acid, acetic
USE acetic acid

acid, acetylsalicylic
USE acetylsalicylic acid

acid, acrylic
USE acrylic acid

acid, ascorbic
USE ascorbic acid

acid, aspartic
USE aspartic acid

acid base equilibrium

acid batteries, lead
USE lead acid batteries

acid, benzoic
USE benzoic acid

acid, benzoic
USE benzoic acid

acid, butyric
USE butyric acid

acid, carbonic
USE carbonic acid

acid, chromic
USE chromic acid

acid, citric
USE citric acid

acid, cyanuric
USE cyanuric acid

acid, cytidylic
USE cytidylic acid

acid denaturation, nucleic
USE biopolymer denaturation

acid, deoxyribonucleic
USE deoxyribonucleic acid

acid, folic
USE folic acid

acid, formhydroxamic
USE formhydroxamic acid

acid, formic
USE formic acid

acid fuel cells, phosphoric
USE phosphoric acid fuel cells

acid, glutamic
USE glutamic acid

acid, hippuric
USE hippuric acid

acid, hydrazoic
USE hydrazoic acid

acid, hydrobromic
USE hydrobromic acid

acid, hydrochloric
USE hydrochloric acid

acid, hydrocyanic
USE hydrocyanic acid

acid, hydrofluoric
USE hydrofluoric acid

acid, iodoacetic
USE iodoacetic acid

acid, lactic
USE lactic acid

acid, lipic
USE lipic acid

acid metabolism, ascorbic
USE ascorbic acid metabolism

acid, nicotinic
USE nicotinic acid

acid, nitric

acid, nitric

USE nitric acid

acid, nitrous

USE nitrous acid

acid, oleic

USE oleic acid

acid, oxalic

USE oxalic acid

acid, palmitic

USE palmitic acid

acid, perchloric

USE perchloric acid

acid, phosphoric

USE phosphoric acid

acid, propionic

USE propionic acid

acid, prussic

USE hydrocyanic acid

acid rain

acid, sebatic

USE sebatic acid

acid, sulfonic

USE sulfonic acid

acid, sulfuric

USE sulfuric acid

acid, uric

USE uric acid

acid, uridylic

USE uridylic acid

acid, valeric

USE valeric acid

acidity

acidosis

acids

acids, amino

USE amino acids

acids, boric

USE boric acids

acids, carboxylic

USE carboxylic acids

acids, dicarboxylic

USE dicarboxylic acids

acids, ethylenediaminetetraacetic

USE ethylenediaminetetraacetic acids

acids, fatty

USE fatty acids

acids, nucleic

USE nucleic acids

acids, oxamic

USE oxamic acids

acids, ribonucleic

USE ribonucleic acids

acids, xanthic

USE xanthic acids

acoustic attenuation

acoustic combustion

USE combustion stability

acoustic coupling

acoustic delay lines

acoustic detection

USE sound detecting and ranging

acoustic ducts

acoustic emission

acoustic excitation

acoustic fatigue

acoustic frequencies

acoustic generators

USE sound generators

acoustic imaging

acoustic impedance

acoustic instability

acoustic levitation

acoustic measurement

acoustic microscope (SLAM), scanning laser

USE acoustic microscopes

acoustic microscopes

acoustic nozzles

acoustic propagation

acoustic properties

acoustic radiation

USE sound waves

acoustic radiation, coherent

USE coherent acoustic radiation

acoustic retrofitting

acoustic scattering

acoustic simulation

acoustic sounding

acoustic stability

USE frequency stability

acoustic streaming

acoustic velocity

acoustic vibrations

USE sound waves

acoustic wave devices, bulk

USE bulk acoustic wave devices

acoustic wave devices, surface

USE surface acoustic wave devices

acoustic waves, ion

USE ion acoustic waves

acoustical holography

acoustics

acoustics, aero

USE aeroacoustics

acoustics, bio

USE bioacoustics

acoustics, electro

USE electroacoustics

acoustics, geometrical

USE geometrical acoustics

acoustics, magneto

USE magnetoacoustics

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acoustics, psycho

USE psychoacoustics

acoustics, ray

USE geometrical acoustics

acoustics, underground

USE underground acoustics

acoustics, underwater

USE underwater acoustics

acousto-optics

ACPL (Spacelab)

USE Atmospheric Cloud Physics Lab (Spacelab)

ACPL (Spacelab), zero-g

USE Atmospheric Cloud Physics Lab (Spacelab)

Acq Network, Satellite Tracking and Data

USE STDN (network)

acquired immunodeficiency syndrome

acquisition

acquisition and tracking, video landmark

USE video landmark acquisition and tracking

acquisition, data

USE data acquisition

acquisition, target

USE target acquisition

acquisitions systems, ocean data

USE ocean data acquisitions systems

acriflavine

acrobatics, aerial

USE aerobatics

acrobatics (aircraft)

USE aerobatics

acroleins

acrylates

acrylic acid

acrylic resins

acrylonitriles

ACTH

USE adrenocorticotropin (ACTH)

(ACTH), adrenocorticotropin

USE adrenocorticotropin (ACTH)

actinide series

actinide series compounds

actinium

actinographs

USE actinometers

actinometers

actinomycetes

actinomycin

action, nonoscillatory

USE nonoscillatory action

actions, evasive

USE evasive actions

actions, involuntary

USE involuntary actions

activated carbon

activated sludge

activation**activation analysis**

activation analysis, neutron
USE neutron activation analysis

activation (biology)**activation energy**

active agents, surface-
USE surfactants

active control**active galactic nuclei****active galaxies**

active glaciers
USE glaciers

Active Magneto Particle Tracer Explorers
USE AMPTE (satellites)

active satellites

active volcanoes
USE volcanoes

activity

activity, auroral
USE auroras

activity, biological
USE activity (biology)

activity (biology)

activity, catalytic
USE catalytic activity

activity cycles (biology)

activity effects, solar
USE solar activity effects

activity, enzyme
USE enzyme activity

activity, extravehicular
USE extravehicular activity

activity, intravehicular
USE intravehicular activity

activity, magneto
USE magnetoactivity

activity, optical
USE optical activity

activity, plasma renin
USE immunoassay

activity, radio
USE radioactivity

activity, solar
USE solar activity

activity, stellar
USE stellar activity

ACTS

actuated devices, cartridge
USE actuators
explosive devices

actuated devices, propellant
USE propellant actuated devices

actuated instruments, propellant
USE propellant actuated instruments

actuation**actuator disks****actuators**

actuators, hydraulic
USE actuators
hydraulic equipment

acuity

acuity, visual
USE visual acuity

acylation

AD-A satellite
USE Explorer 19 satellite

AD/I B
USE Explorer 25 satellite

AD/I satellite
USE Explorer 24 satellite

Ada (programming language)**adaptation**

adaptation, dark
USE dark adaptation

adaptation, desert
USE desert adaptation

adaptation, light
USE light adaptation

adaptation, retinal
USE retinal adaptation

adaptation syndrome, space
USE space adaptation syndrome

adapters

adapters, multiple docking
USE multiple docking adapters

adaptive control

adaptive control, model reference
USE model reference adaptive control

adaptive control systems
USE adaptive control

adaptive control systems, self
USE self adaptive control systems

adaptive evaluator/monitor, data
USE data reduction
data transmission
data processing

adaptive filters**adaptive optics**

adaptive system, information
USE information adaptive system

adaptive wings, mission
USE mission adaptive wings

adders (circuits)
USE adding circuits

adding circuits**addition****addition resins****addition theorem****additives**

additives, antilcing
USE antilcing additives

additives, antiknock
USE antiknock additives

(additives), doping
USE additives

additives, oil
USE oil additives

additives, propellant
USE propellant additives

address beacon system, discrete
USE discrete address beacon system

address systems, public
USE public address systems

addressing**adducts**

Aden
USE Southern Yemen

adenines**adenosine diphosphate**

adenosine monophosphate, cyclic
USE cyclic AMP

adenosine triphosphate**adenosines****adenoviruses**

ADEPT computer, Honeywell
USE Honeywell ADEPT computer

adequacy

adherometers
USE adhesion tests

adhesion**adhesion tests****adhesive bonding****adhesives**

(adhesives), binders
USE adhesives

ADI methods
USE alternating direction implicit methods

adiabat, Hugoniot
USE Hugoniot equation of state

adiabatic conditions**adiabatic demagnetization cooling****adiabatic equations****adiabatic flow****adipose tissues****Adiprene (trademark)****Adirondack Mountains (NY)****adjoints****adjusting**

adjustment
USE adjusting

administration
USE management

admittance
USE electrical impedance

admixtures

adobe flats

adobe flats

USE flats (landforms)

ADP

USE adenosine diphosphate

adrenal gland

adrenal metabolism

adrenaline

USE epinephrine

adrenergics

adrenergics, anti

USE antiadrenergics

adrenocorticotropin (ACTH)

Adriatic Sea

adsorbents

adsorption

adsorption equation, Gibbs

USE Gibbs adsorption equation

adsorptivity

Advanced Airborne Command Post

USE E-4A aircraft

advanced communications technology sat

USE ACTS

Advanced EVA Protection Systems

USE AEPS

Advanced Launch System (STS)

Advanced Orbiting Solar Observatory

USE AOSO

Advanced Range Instrumentation Aircraft

Advanced Range Instrumentation Ship

Advanced Reconn Electric Spacecraft

advanced sodium cooled reactor

Advanced Solid Rocket Motor (STS)

advanced tactical fighter

USE F-22 aircraft

Advanced Technology Laboratory

Advanced Technology Light Twin aircraft

USE ATLIT project

advanced test reactors

Advanced Very High Resolution Radiometer

Advanced Vidicon Camera System (AVCS)

Advanced X Ray Astrophysics Facility

USE X Ray Astrophysics Facility

advancing glaciers

USE glaciers

advancing shorelines

USE beaches

advection

Advent Project

advisory and resolution, automatic traffic

USE automatic traffic advisory and resolution

advisory system, automated pilot

USE automated pilot advisory system

advisory system, vortex

USE vortex advisory system

AE-A satellite

USE Explorer 17 satellite

AE-B satellite

USE Explorer 32 satellite

AE-C satellite

USE Explorer 51 satellite

AE-D satellite

USE Explorer 54 satellite

AE-E satellite

USE Explorer 55 satellite

aeolian tones

aeolotropism

AEPS

aeration

aerial acrobatics

USE aerobatics

aerial applicator aircraft S-2B, Snow

USE S-2 aircraft

aerial explosions

aerial imagery

USE aerial photography

aerial photography

aerial reconnaissance

aerial rudders

aeroacoustics

aeroassist

aerobatics

Aerobee rocket vehicle

aerobes

aerobes, an

USE anaerobes

aerobiology

aerobraking

aerocapture

aerodontalgia

USE tooth diseases

Aerodynamic and Struct Test, Drones for

USE DAST program

aerodynamic axis

USE aerodynamic balance

aerodynamic balance

aerodynamic brakes

aerodynamic buzz

USE flutter

aerodynamic center

USE aerodynamic balance

aerodynamic characteristics

aerodynamic characteristics, static

USE static aerodynamic characteristics

aerodynamic chords

USE airfoil profiles
chords (geometry)

aerodynamic coefficients

aerodynamic configurations

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(aerodynamic configurations), spikes

USE spikes (aerodynamic configurations)

aerodynamic drag

aerodynamic forces

aerodynamic heat transfer

aerodynamic heating

aerodynamic interference

aerodynamic lift

USE lift

aerodynamic loads

aerodynamic moments

USE stability derivatives

aerodynamic noise

Aerodynamic Reusable Spaceship, Manned

USE MARS (Manned Reusable Spacecraft)

aerodynamic stability

aerodynamic stalling

aerodynamic vehicles

USE aircraft

aerodynamics

(aerodynamics), ASE

USE aeroservoelasticity

(aerodynamics), ground effect

USE ground effect (aerodynamics)

aerodynamics, interactional

USE interactional aerodynamics

aerodynamics, rotor

USE rotor aerodynamics

aerodynamics, unsteady

USE unsteady aerodynamics

aeroelastic research wings

aeroelasticity

aeroembolism

aerogels

aerogyro helicopters

USE XH-51 helicopter

aerology

aeromagnetism

aeromagneto flutter

USE flutter

aeromaneuvering

Aeromaneuvering Orbit to Orbit Shuttle

aeronautical engineering

aeronautical satellites

aeronautics

aeronomy

aerophysics

USE atmospheric physics

aeroquatic vehicles

AEROS satellite

Aerosat satellites

aeroservoelasticity

aerosinusitis

Aerosol & Gas Experiment, Stratospheric
USE SAGE satellite

aerosols

aerospace engineering

aerospace environments

aerospace industry

aerospace medicine

Aerospace Plane Program, National
USE National Aerospace Plane Program

aerospace planes

aerospace safety

aerospace sciences

aerospace systems

aerospace technology transfer

Aerospace Veh Design, Integ Program for
USE IPAD

aerospace vehicles

aerostatics

aerostats
USE airships

aerothermochemistry

aerothermodynamics

aerothermoelasticity

aerозine

AFC (control)
USE automatic frequency control

AFCS (control system)
USE automatic flight control

affected zone, heat
USE heat affected zone

affects
USE effects

afferent nervous systems

affinity

affinity, electron
USE electron affinity

affinity, negative electron
USE negative electron affinity

Afghanistan

Africa

(Africa), Kalahari Basin
USE Kalahari Basin (Africa)

Africa, Republic of South
USE Republic of South Africa

(Africa), Sahara Desert
USE Sahara Desert (Africa)

Africa, South
USE Republic of South Africa

Africa, South West
USE Namibia

African Republic, Central
USE Central African Republic

African rift system

afterbodies

afterbodies, cylindrical
USE afterbodies
cylindrical bodies

afterburners
USE afterburning

afterburning

aftereffects, motion
USE motion aftereffects

afterglow, helium
USE helium afterglow

afterglow, oxygen
USE oxygen afterglow

afterglows

afterimages

Ag
USE silver

AGB stars
USE asymptotic giant branch stars

AGC (control)
USE automatic gain control

age determination
USE chronology

age determination, radioactive
USE radioactive age determination

age factor

age hardening
USE precipitation hardening

Agema A rocket vehicle

Agema B launch vehicle, Atlas
USE Atlas Agema B launch vehicle

Agema B Ranger Program

Agema B rocket vehicle

Agema C rocket vehicle

Agema D rocket vehicle

Agema launch vehicle, Thor
USE Thor Agema launch vehicle

Agema launch vehicles, Atlas
USE Atlas Agema launch vehicles

Agema rocket vehicles

Agency, European Space
USE European Space Agency

agents

agents, accelerating
USE accelerating agents

agents, antihypertensive
USE antihypertensive agents

agents, cholinergic blocking
USE anticholinergics

agents, radioprotective
USE antiradiation drugs

(agents), stabilizers
USE stabilizers (agents)

agents, surface-active
USE surfactants

agglomeration

agglutination

aggregates

aging

aging (biology)

aging (materials)

aging (metallurgy)

aging, strain
USE precipitation hardening

agitation

agitation, thermal
USE thermal energy

agitation, ultrasonic
USE ultrasonic agitation

agreements

agricultural aircraft

agriculture

AgRISTARS project

agroclimatology

agrometeorology

agrophysical units

AGT
USE automated guideway transit vehicles

AH-1G helicopter

AH-63 helicopter

AH-64 helicopter

aid, first
USE first aid

aid, microvision landing
USE microvision landing aid

aid television system, pilot landing
USE PLAT system

aided design, computer
USE computer aided design

aided engineering, computer
USE computer aided design

aided manufacturing, computer
USE computer aided manufacturing

aided mapping, computer
USE computer aided mapping

aided tomography, computer
USE computer aided tomography

aids

AIDS (disease)
USE acquired immunodeficiency syndrome

aids, landing
USE landing aids

aids, navigation
USE navigation aids

aids, visual
USE visual aids

aileron

aileron, spoiler slot
USE spoiler slot aileron

AIMP-D
USE Explorer 33 satellite

AIMP-E

AIMP-E

USE Explorer 35 satellite

AIMP-1

USE Explorer 33 satellite

AIMP-2

USE Explorer 35 satellite

air

air, alveolar

USE alveolar air

air bag restraint devices

air batteries, metal

USE metal air batteries

air bearings

USE gas bearings

air blasts

USE aerial explosions

air breathing boosters

air breathing engines

air bubble vehicles, captured

USE captured air bubble vehicles

air cargo

(air circulation), registers

USE registers (air circulation)

air, compressed

USE compressed air

air conditioning

air conditioning equipment

air conductivity

air cooling

air currents

air currents, vertical

USE vertical air currents

air cushion landing systems

air cushion vehicles

USE ground effect machines

air cycle engines, liquid

USE liquid air cycle engines

air data systems

air defense

air defense system, SAGE

USE SAGE air defense system

Air Density Explorer A

USE Explorer 19 satellite

Air Density Explorer, Dual

USE Dual Air Density Explorer

Air Density/Injun Explorer B

USE Explorer 25 satellite

air drop operations

air ducts

air, expired

USE expired air

air facilities, military

USE military air facilities

air filters

air flow

air freight

USE air cargo

air fuel cells, hydrogen

USE hydrogen oxygen fuel cells

air, high temperature

USE high temperature air

air, hot

USE high temperature air

air inlets

USE air intakes

air intakes

air jets

air land interactions

air launching

air law

air, liquid

USE liquid air

air locks

air mail

air masses

air missiles, air to

USE air to air missiles

air missiles, ground-to-

USE surface to air missiles

air missiles, surface to

USE surface to air missiles

air navigation

air navigation, all-weather

USE all-weather air navigation

air navigation, tactical

USE Tacan

air piracy

air pollution

air pollution, global

USE global air pollution

air pollution, indoor

USE indoor air pollution

air purification

air quality

air ratio, fuel-

USE fuel-air ratio

air refueling, air to

USE air to air refueling

air rockets, air to

USE air to air missiles

air sampling

air sampling program, global

USE global air sampling program

air sea ice interactions

air sea interactions

USE air water interactions

air sickness

USE motion sickness

air slew missiles

air start

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air to air missiles

air to air refueling

air to air rockets

USE air to air missiles

air to surface missiles

air traffic

air traffic control

air traffic controllers (personnel)

Air Traffic Satellites, Location of

USE LOCATES system

air transport, supersonic commercial

USE supersonic commercial air transport

air transportation

air turbulence, clear

USE clear air turbulence

air, upper

USE upper atmosphere

air water interactions

air-ground communication, ground-

USE ground-air-ground communication

air-launched booster, Pegasus

USE Pegasus air-launched booster

Airborne Command Post, Advanced

USE E-4A aircraft

airborne equipment

airborne infection

airborne integrated reconnaissance system

airborne lasers

Airborne Multipurpose System, Light

USE Light Airborne Multipurpose System

Airborne Observatory, Kuiper

USE Kuiper Airborne Observatory

(airborne observatory), SOFIA

USE SOFIA (airborne observatory)

airborne radar

airborne radar approach

airborne range and orbit determination

airborne surveillance radar

Airborne Warning and Control System

USE AWACS aircraft

airborne/spaceborne computers

Airbus

USE European Airbus

Airbus, European

USE European Airbus

aircraft

aircraft, A-1

USE A-1 aircraft

aircraft, A-2

USE A-2 aircraft

aircraft, A-3

USE A-3 aircraft

aircraft, A-4

USE A-4 aircraft

- aircraft, A-5**
USE A-5 aircraft
- aircraft, A-6**
USE A-6 aircraft
- aircraft, A-7**
USE A-7 aircraft
- aircraft, A-9**
USE A-9 aircraft
- aircraft, A-10**
USE A-10 aircraft
- aircraft, A-37**
USE A-37 aircraft
- aircraft, A-300**
USE A-300 aircraft
- aircraft, A-310**
USE A-310 aircraft
- aircraft, A-320**
USE A-320 aircraft
- aircraft, AC-1**
USE DHC 4 aircraft
- aircraft accident investigation**
- aircraft accidents**
- (aircraft), acrobatics**
USE aerobatics
- Aircraft, Advanced Range Instrumentation**
USE Advanced Range Instrumentation Aircraft
- aircraft, Advanced Technology Light Twin**
USE ATLIT project
- aircraft, agricultural**
USE agricultural aircraft
- aircraft, Airgeep**
USE VZ-8 aircraft
- aircraft, Aladin 2**
USE Aladin 2 aircraft
- aircraft, Alpha jet**
USE Alpha jet aircraft
- aircraft, amphibious**
USE amphibious aircraft
- aircraft, AN-2**
USE AN-2 aircraft
- aircraft, AN-22**
USE AN-22 aircraft
- aircraft, AN-24**
USE AN-24 aircraft
- aircraft antennas**
- aircraft, Antheus**
USE AN-22 aircraft
- aircraft, antisubmarine warfare**
USE antisubmarine warfare aircraft
- aircraft, Antonov**
USE Antonov aircraft
- aircraft, Antonov AN-22**
USE AN-22 aircraft
- aircraft, Antonov AN-24**
USE AN-24 aircraft
- aircraft, AO-1**
USE OV-1 aircraft
- aircraft approach spacing**
- aircraft, Argosy MK-1**
USE Argosy MK-1 aircraft
- aircraft, Atlantic**
USE Breguet 1150 aircraft
- aircraft, attack**
USE attack aircraft
- aircraft, AV-8A**
USE Harrier aircraft
- aircraft, AV-8B**
USE Harrier aircraft
- aircraft, AVRO Whitworth HS-748**
USE HS-748 aircraft
- aircraft, AVRO 698**
USE Vulcan aircraft
- aircraft, AVRO 707**
USE AVRO 707 aircraft
- aircraft, AWACS**
USE AWACS aircraft
- aircraft, A2F**
USE A-6 aircraft
- aircraft, A3D**
USE A-3 aircraft
- aircraft, A3J**
USE A-5 aircraft
- aircraft, A4D**
USE A-4 aircraft
- aircraft, B-1**
USE B-1 aircraft
- aircraft, B-2**
USE B-2 aircraft
- aircraft, B-26**
USE B-26 aircraft
- aircraft, B-47**
USE B-47 aircraft
- aircraft, B-50**
USE B-50 aircraft
- aircraft, B-52**
USE B-52 aircraft
- aircraft, B-57**
USE B-57 aircraft
- aircraft, B-58**
USE B-58 aircraft
- aircraft, B-66**
USE B-66 aircraft
- aircraft, B-70**
USE B-70 aircraft
- aircraft, B-103**
USE Buccaneer aircraft
- aircraft, BAC**
USE BAC aircraft
- aircraft, BAC TSR 2**
USE TSR-2 aircraft
- aircraft, BAC 111**
USE BAC 111 aircraft
- aircraft bases**
USE military air facilities
- aircraft, Beagle**
USE Beagle aircraft
- aircraft, Beech**
USE Beechcraft aircraft
- aircraft, Beech C-33**
USE C-33 aircraft
- aircraft, Beech S-35**
USE C-35 aircraft
- aircraft, Beech 99**
USE Beech 99 aircraft
- aircraft, Beechcraft**
USE Beechcraft aircraft
- aircraft, Beechcraft 18**
USE Beechcraft 18 aircraft
- aircraft, Belfast**
USE SC-5 aircraft
- aircraft, Bell**
USE Bell aircraft
- aircraft, Blackbird**
USE SR-71 aircraft
- aircraft, Blackburn B-103**
USE Buccaneer aircraft
- aircraft, Boeing**
USE Boeing aircraft
- aircraft, Boeing military**
USE military aircraft
- aircraft, Boeing 707**
USE Boeing 707 aircraft
- aircraft, Boeing 720**
USE Boeing 720 aircraft
- aircraft, Boeing 727**
USE Boeing 727 aircraft
- aircraft, Boeing 733**
USE Boeing 733 aircraft
- aircraft, Boeing 737**
USE Boeing 737 aircraft
- aircraft, Boeing 747**
USE Boeing 747 aircraft
- aircraft, Boeing 747B**
USE E-4A aircraft
- aircraft, Boeing 757**
USE Boeing 757 aircraft
- aircraft, Boeing 767**
USE Boeing 767 aircraft
- aircraft, Boeing 2707**
USE Boeing 2707 aircraft
- aircraft, Bolkow**
USE Bolkow aircraft
- aircraft, bomber**
USE bomber aircraft
- aircraft, Bonanza**
USE C-35 aircraft
- aircraft brakes**
- aircraft, Breguet**
USE Breguet aircraft
- aircraft, Breguet 940**
USE Breguet 940 aircraft
- aircraft, Breguet 941**
USE Breguet 941 aircraft
- aircraft, Breguet 1150**
USE Breguet 1150 aircraft
- aircraft, British Aircraft Corp**
USE BAC aircraft
- aircraft, Buccaneer**
USE Buccaneer aircraft
- aircraft, buckeye**
USE T-2 aircraft

aircraft, Buffalo

aircraft, Buffalo
USE DHC 5 aircraft

aircraft, C-1A
USE C-1A aircraft

aircraft, C-2
USE C-2 aircraft

aircraft, C-5
USE C-5 aircraft

aircraft, C-8A augmentor wing
USE C-8A augmentor wing aircraft

aircraft, C-9
USE C-9 aircraft

aircraft, C-15
USE C-15 aircraft

aircraft, C-33
USE C-33 aircraft

aircraft, C-35
USE C-35 aircraft

aircraft, C-46
USE C-46 aircraft

aircraft, C-47
USE C-47 aircraft

aircraft, C-54
USE C-54 aircraft

aircraft, C-118
USE C-118 aircraft

aircraft, C-119
USE C-119 aircraft

aircraft, C-121
USE C-121 aircraft

aircraft, C-123
USE C-123 aircraft

aircraft, C-124
USE C-124 aircraft

aircraft, C-130
USE C-130 aircraft

aircraft, C-131
USE C-131 aircraft

aircraft, C-133
USE C-133 aircraft

aircraft, C-135
USE C-135 aircraft

aircraft, C-140
USE C-140 aircraft

aircraft, C-141
USE C-141 aircraft

aircraft, C-142
USE XC-142 aircraft

aircraft, C-160
USE C-160 aircraft

aircraft cabins
USE aircraft compartments

aircraft, Camel
USE TU-104 aircraft

aircraft, Canadair
USE Canadair aircraft

aircraft, Canadair CF-104
USE Canadair aircraft
F-104 aircraft

aircraft, Canadair CL-41
USE CL-41 aircraft

aircraft, Canadair CL-44
USE CL-44 aircraft

aircraft, Canadair CL-84
USE CL-84 aircraft

aircraft, Canberra
USE Canberra aircraft

(aircraft capability), ceiling
USE ceiling (aircraft capability)

aircraft, Caravelle
USE SE-210 aircraft

aircraft, cargo
USE cargo aircraft

aircraft, Cargomaster
USE C-133 aircraft

aircraft, Caribou
USE DHC 4 aircraft

aircraft carriers

aircraft, CC-106
USE CL-44 aircraft

aircraft, Centurion
USE Cessna 210 aircraft

aircraft, Cessna
USE Cessna aircraft

aircraft, Cessna L-19
USE Cessna L-19 aircraft

aircraft, Cessna military
USE military aircraft

aircraft, Cessna 172
USE Cessna 172 aircraft

aircraft, Cessna 205
USE Cessna 205 aircraft

aircraft, Cessna 210
USE Cessna 210 aircraft

aircraft, Cessna 402B
USE Cessna 402B aircraft

aircraft, CF-104
USE Canadair aircraft
F-104 aircraft

aircraft, Chance-Vought
USE Chance-Vought aircraft

aircraft, Chance-Vought military
USE Chance-Vought aircraft
military aircraft

aircraft, Chinese
USE Chinese aircraft

aircraft, CL-41
USE CL-41 aircraft

aircraft, CL-44
USE CL-44 aircraft

aircraft, CL-84
USE CL-84 aircraft

aircraft, CL-600 challenger
USE CL-600 challenger aircraft

aircraft, CL-823
USE CL-823 aircraft

aircraft, Classic
USE IL-62 aircraft

aircraft, Cock
USE AN-22 aircraft

aircraft, COD
USE C-2 aircraft

NASA THESAURUS VOLUME 2

AIRCRAFT, COIN
USE COIN AIRCRAFT

aircraft, Coke
USE AN-24 aircraft

aircraft collisions, bird-
USE bird-aircraft collisions

aircraft, Comet 4
USE Comet 4 aircraft

aircraft, Commando
USE C-46 aircraft

aircraft, commercial
USE commercial aircraft

aircraft communication

aircraft, commuter
USE commuter aircraft

aircraft compartments

aircraft, Concorde
USE Concorde aircraft

aircraft configurations

aircraft construction
USE aircraft structures

aircraft construction materials

aircraft control

aircraft, Convair military
USE military aircraft
General Dynamics aircraft

aircraft, Convair 340
USE CV-340 aircraft

aircraft, Convair 440
USE CV-440 aircraft

aircraft, Convair 880
USE CV-880 aircraft

aircraft, Convair 990
USE CV-990 aircraft

aircraft, Cookpot
USE TU-124 aircraft

Aircraft Corp aircraft, British
USE BAC aircraft

aircraft, Corsair
USE A-7 aircraft

aircraft, Cougar
USE F-9 aircraft

aircraft, Courier
USE U-10 aircraft

aircraft, Crusader
USE F-8 aircraft

aircraft, CT-114
USE CL-41 aircraft

aircraft, Curtiss C-46
USE C-46 aircraft

aircraft, Curtiss-Wright
USE Curtiss-Wright aircraft

aircraft, Curtiss-Wright military
USE Curtiss-Wright aircraft
military aircraft

aircraft, CV-2
USE DHC 4 aircraft

aircraft, CV-7
USE DHC 5 aircraft

aircraft, CV-340
USE CV-340 aircraft

aircraft, CV-440
USE CV-440 aircraft

aircraft, CV-880
USE CV-880 aircraft

aircraft, CV-990
USE CV-990 aircraft

aircraft, D-558
USE D-558 aircraft

aircraft, Dakota
USE C-47 aircraft

aircraft, Dassault
USE Dassault aircraft

aircraft, Dassault Mirage 3
USE Mirage 3 aircraft

aircraft, Dassault Mystere 20
USE Mystere 20 aircraft

aircraft, Dassault Mystere 50
USE Mystere 50 aircraft

aircraft, DC 3
USE DC 3 aircraft

aircraft, DC 7
USE DC 7 aircraft

aircraft, DC 8
USE DC 8 aircraft

aircraft, DC 9
USE DC 9 aircraft

aircraft, DC 10
USE DC 10 aircraft

aircraft, de Havilland
USE de Havilland aircraft

aircraft, de Havilland DH 106
USE Comet 4 aircraft

aircraft, de Havilland DH 112
USE DH 112 aircraft

aircraft, de Havilland DH 115
USE DH 115 aircraft

aircraft, de Havilland DH 121
USE DH 121 aircraft

aircraft, de Havilland DH 125
USE DH 125 aircraft

aircraft, de Havilland DHC 4
USE DHC 4 aircraft

aircraft, de Havilland DHC 5
USE DHC 5 aircraft

aircraft, de Havilland Venom
USE DH 112 aircraft

aircraft, Debonair
USE C-33 aircraft

aircraft, Delfin
USE L-29 jet trainer

aircraft, Delta Dagger
USE F-102 aircraft

aircraft, Delta Dart
USE F-106 aircraft

aircraft design

aircraft, Destroyer
USE B-66 aircraft

aircraft detection

aircraft, DH 106
USE Comet 4 aircraft

aircraft, DH 112
USE DH 112 aircraft

aircraft, DH 115
USE DH 115 aircraft

aircraft, DH 121
USE DH 121 aircraft

aircraft, DH 125
USE DH 125 aircraft

aircraft, DHC Beaver
USE DHC 2 aircraft

aircraft, DHC 2
USE DHC 2 aircraft

aircraft, DHC 4
USE DHC 4 aircraft

aircraft, DHC 5
USE DHC 5 aircraft

aircraft, DO-27
USE DO-27 aircraft

aircraft, DO-28
USE DO-28 aircraft

aircraft, DO-31
USE DO-31 aircraft

aircraft, Dornier
USE Dornier aircraft

aircraft, Dornier DO-27
USE DO-27 aircraft

aircraft, Dornier DO-28
USE DO-28 aircraft

aircraft, Dornier DO-31
USE DO-31 aircraft

aircraft, Douglas
USE Douglas aircraft

aircraft, Douglas D-558
USE D-558 aircraft

aircraft, Douglas DC-3
USE DC 3 aircraft

aircraft, Douglas DC-7
USE DC 7 aircraft

aircraft, Douglas DC-8
USE DC 8 aircraft

aircraft, Douglas DC-9
USE DC 9 aircraft

aircraft, Douglas PD-808
USE PD-808 aircraft

aircraft, drone
USE drone aircraft

aircraft, E-2
USE E-2 aircraft

aircraft, E-3A
USE E-3A aircraft

aircraft, E-4A
USE E-4A aircraft

aircraft, Earth Resources Survey
USE Earth Resources Survey aircraft

aircraft, EC-121
USE EC-121 aircraft

aircraft, Electra
USE Electra aircraft

aircraft, electric
USE fly by wire control

aircraft, electronic
USE electronic aircraft

Aircraft Energy Efficiency program
USE ACEE program

aircraft engines

aircraft, English Electric Canberra
USE Canberra aircraft

aircraft equipment

aircraft, executive
USE passenger aircraft
general aviation aircraft

aircraft, experimental
USE research aircraft

aircraft, F-2
USE F-2 aircraft

aircraft, F-4
USE F-4 aircraft

aircraft, F-5
USE F-5 aircraft

aircraft, F-8
USE F-8 aircraft

aircraft, F-9
USE F-9 aircraft

aircraft, F-14
USE F-14 aircraft

aircraft, F-15
USE F-15 aircraft

aircraft, F-16
USE F-16 aircraft

aircraft, F-17
USE F-17 aircraft

aircraft, F-18
USE F-18 aircraft

aircraft, F-20
USE F-20 aircraft

aircraft, F-22
USE F-22 aircraft

aircraft, F-27
USE F-27 aircraft

aircraft, F-28 transport
USE F-28 transport aircraft

aircraft, F-80
USE T-33 aircraft

aircraft, F-84
USE F-84 aircraft

aircraft, F-86
USE F-86 aircraft

aircraft, F-89
USE F-89 aircraft

aircraft, F-94
USE F-94 aircraft

aircraft, F-100
USE F-100 aircraft

aircraft, F-101
USE F-101 aircraft

aircraft, F-102
USE F-102 aircraft

aircraft, F-104
USE F-104 aircraft

aircraft, F-105

aircraft, F-105
USE F-105 aircraft

aircraft, F-106
USE F-106 aircraft

aircraft, F-110
USE F-4 aircraft

aircraft, F-111
USE F-111 aircraft

aircraft, F-117A
USE F-117A aircraft

aircraft, Fairchild military
USE Fairchild-Hiller aircraft
military aircraft

aircraft, Fairchild-Hiller
USE Fairchild-Hiller aircraft

aircraft, Fairey
USE Fairey aircraft

aircraft, Fairey Delta 2
USE FD 2 aircraft

aircraft, fan in wing
USE fan in wing aircraft

aircraft, FD 2
USE FD 2 aircraft

aircraft, Fellowship
USE F-28 transport aircraft

aircraft, Fiat
USE Fiat aircraft

aircraft, Fiat G-91
USE G-91 aircraft

aircraft, Fiat G-95/4
USE G-95/4 aircraft

aircraft, Fiat G-222
USE G-222 aircraft

aircraft, fighter
USE fighter aircraft

aircraft, Firebee 2 target drone
USE Firebee 2 target drone aircraft

aircraft, fixed-wing
USE fixed wings
aircraft configurations

aircraft, flying bedstead
USE flying platforms

aircraft, flying wing
USE tailless aircraft

aircraft, Fokker
USE Fokker aircraft

aircraft, Fokker F 27
USE F-27 aircraft

aircraft, Fokker F 28
USE F-28 transport aircraft

aircraft, Fokker Friendship
USE F-27 aircraft

aircraft, free wing
USE free wing aircraft

aircraft, Freedom Fighter
USE F-5 aircraft

aircraft fuel systems

aircraft fuels

aircraft, FV-12A
USE FV-12A aircraft

aircraft, F4H
USE F-4 aircraft

aircraft, F8U
USE F-8 aircraft

aircraft, F9F
USE F-9 aircraft

aircraft, G-1
USE G-1 aircraft

aircraft, G-91
USE G-91 aircraft

aircraft, G-95/4
USE G-95/4 aircraft

aircraft, G-222
USE G-222 aircraft

aircraft, GA-5
USE GA-5 aircraft

aircraft, Galaxy
USE C-5 aircraft

aircraft, GC-130
USE C-130 aircraft

aircraft, general aviation
USE general aviation aircraft

aircraft, General Dynamics
USE General Dynamics aircraft

aircraft, GETOL
USE GETOL aircraft

aircraft, Gloster GA-5
USE GA-5 aircraft

aircraft, Griffon
USE Nord 1500 aircraft

aircraft, Grumman
USE Grumman aircraft

aircraft, Grumman OV-1C
USE OV-1 aircraft

aircraft guidance

aircraft, Gyrodyne
USE Gyrodyne aircraft

aircraft, Gyrodyne military
USE QH-50 helicopter

aircraft, H-126
USE H-126 aircraft

aircraft, Hamburger
USE Hamburger aircraft

aircraft, Hamburger HFB-320
USE HFB-320 aircraft

aircraft, Handley Page
USE Handley Page aircraft

aircraft, Handley Page HP-115
USE HP-115 aircraft

aircraft hangars
USE hangars

aircraft, Harrier
USE Harrier aircraft

aircraft, Hawker Hunter
USE F-2 aircraft

aircraft, Hawker P-1127
USE P-1127 aircraft

aircraft, Hawker P-1154
USE P-1154 aircraft

aircraft, Hawker Siddeley
USE Hawker Siddeley aircraft

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aircraft, Hawkeye
USE E-2 aircraft

aircraft hazards

aircraft, Heinkel
USE Heinkel aircraft

aircraft, Hello
USE Hello aircraft

aircraft, Hello military
USE Hello aircraft

aircraft, Hercules
USE C-130 aircraft

aircraft, HFB-320
USE HFB-320 aircraft

aircraft, highly maneuverable
USE highly maneuverable aircraft

aircraft, Hiller
USE Hiller aircraft

aircraft, Hiller military
USE Hiller aircraft
military aircraft

aircraft, HP-115
USE HP-115 aircraft

aircraft, HS-125
USE DH 125 aircraft

aircraft, HS-748
USE HS-748 aircraft

aircraft, HS-801
USE HS-801 aircraft

aircraft, Hughes
USE Hughes aircraft

aircraft, Hummingbird
USE XV-4 aircraft

aircraft, Hunter F-2
USE F-2 aircraft

aircraft, Hunting H-126
USE H-126 aircraft

aircraft, Hunting P-84
USE jet provost aircraft

aircraft, Hustler
USE B-58 aircraft

aircraft hydraulic systems

aircraft, hypersonic
USE hypersonic aircraft

aircraft icing

aircraft, IL-14
USE IL-14 aircraft

aircraft, IL-62
USE IL-62 aircraft

aircraft, Ilyushin
USE Ilyushin aircraft

aircraft, Ilyushin IL-14
USE IL-14 aircraft

aircraft, Ilyushin IL-62
USE IL-62 aircraft

aircraft industry

aircraft instruments

aircraft, Interceptor
USE fighter aircraft

aircraft interiors
USE aircraft compartments

- aircraft, Intruder**
USE A-6 aircraft
- aircraft, Invader**
USE B-26 aircraft
- aircraft, Iskra**
USE TS-11 aircraft
- aircraft, Jaguar**
USE Jaguar aircraft
- aircraft, Javelin**
USE GA-5 aircraft
- aircraft, JC-130**
USE C-130 aircraft
- aircraft, jet**
USE jet aircraft
- aircraft, Jet Dragon**
USE DH 125 aircraft
- aircraft, jet provost**
USE jet provost aircraft
- aircraft, Jet Star**
USE C-140 aircraft
- aircraft, Jetstream**
USE Jetstream aircraft
- aircraft, JF 101**
USE F-101 aircraft
- aircraft, Jindivik target**
USE Jindivik target aircraft
- aircraft, Kaman**
USE Kaman aircraft
- aircraft, Kawasaki**
USE Kawasaki aircraft
- aircraft, KC-130**
USE C-130 aircraft
- aircraft, KC-135**
USE C-135 aircraft
- aircraft, Kestrel**
USE P-1127 aircraft
- aircraft, L-28**
USE U-10 aircraft
- aircraft, L-29**
USE L-29 jet trainer
- aircraft, L-1011**
USE L-1011 aircraft
- aircraft, L-2000**
USE L-2000 aircraft
- aircraft landing**
- aircraft, LARA**
USE COIN AIRCRAFT
- aircraft launching devices**
- aircraft, Lear jet**
USE Lear jet aircraft
- aircraft, light**
USE light aircraft
- aircraft, light armed reconnaissance**
USE COIN AIRCRAFT
- aircraft, light transport**
USE light transport aircraft
- aircraft lights**
- aircraft, Ling-Temco-Vought**
USE Ling-Temco-Vought aircraft
- aircraft, Lockheed**
USE Lockheed aircraft
- aircraft, Lockheed C-5**
USE C-5 aircraft
- aircraft, Lockheed CL-823**
USE CL-823 aircraft
- aircraft, Lockheed Constellation**
USE C-121 aircraft
- aircraft, Lockheed L-2000**
USE L-2000 aircraft
- aircraft, Lockheed model 18**
USE Lockheed model 18 aircraft
- aircraft, Lockheed U-2**
USE U-2 aircraft
- aircraft, Lockheed XV-4A**
USE XV-4 aircraft
- aircraft, low wing**
USE low wing aircraft
- aircraft, LTV**
USE Ling-Temco-Vought aircraft
- aircraft maintenance**
- aircraft, man powered**
USE man powered aircraft
- aircraft maneuvers**
- aircraft, Martin**
USE Martin aircraft
- aircraft, Max Holste MH-262**
USE MH-262 aircraft
- aircraft, McDonnell**
USE McDonnell aircraft
- aircraft, McDonnell Douglas**
USE McDonnell Douglas aircraft
- aircraft, ME P-160**
USE P-160 aircraft
- aircraft, ME P-308**
USE P-308 aircraft
- aircraft, Mercure**
USE Mercure aircraft
- aircraft, Messerschmitt ME P-160**
USE P-160 aircraft
- aircraft, Messerschmitt ME P-308**
USE P-308 aircraft
- aircraft, meteorological research**
USE meteorological research aircraft
- aircraft, Metropolitan**
USE CV-440 aircraft
- aircraft, MH-262**
USE MH-262 aircraft
- aircraft, MIG**
USE MiG aircraft
- aircraft, Mil**
USE Mil aircraft
- aircraft, military**
USE military aircraft
- aircraft, Mirage**
USE Mirage aircraft
- aircraft, Mirage 3**
USE Mirage 3 aircraft
- aircraft models**
- aircraft, Mohawk**
USE OV-1 aircraft
- aircraft, MRCA**
USE MRCA aircraft
- aircraft, multi-role combat**
USE MRCA aircraft
- aircraft, Mustang**
USE P-51 aircraft
- aircraft, Mystere 20**
USE Mystere 20 aircraft
- aircraft, Mystere 50**
USE Mystere 50 aircraft
- aircraft, N-156**
USE F-5 aircraft
- aircraft, NA-300**
USE OV-10 aircraft
- aircraft, NAMC**
USE Nihon aircraft
- aircraft, Navion**
USE Navion aircraft
- aircraft, Navion G-1**
USE G-1 aircraft
- aircraft, Navion Rangemaster**
USE G-1 aircraft
- aircraft, NC-130**
USE C-130 aircraft
- (aircraft), night flights**
USE night flights (aircraft)
- aircraft, Nihon**
USE Nihon aircraft
- aircraft, Nihon YS-11**
USE YS-11 aircraft
- aircraft noise**
- aircraft noise, jet**
USE jet aircraft noise
- (aircraft), noise prediction**
USE noise prediction (aircraft)
- aircraft noise prediction**
USE noise prediction (aircraft)
- aircraft, Nord**
USE Nord aircraft
- aircraft, Nord 262**
USE MH-262 aircraft
- aircraft, Nord 1500**
USE Nord 1500 aircraft
- aircraft, North American**
USE North American aircraft
- aircraft, Northrop**
USE Northrop aircraft
- aircraft, nuclear propelled**
USE nuclear propelled aircraft
- aircraft, observation**
USE observation aircraft
- aircraft, Omnipol L-29**
USE L-29 jet trainer
- aircraft, Omnipol Z-37**
USE Z-37 aircraft
- aircraft, Orion**
USE P-3 aircraft
- aircraft, ornithopter**
USE research aircraft

aircraft, Osprey

aircraft, Osprey
USE V-22 aircraft

aircraft, OV-1
USE OV-1 aircraft

aircraft, OV-10
USE OV-10 aircraft

aircraft, P-3
USE P-3 aircraft

aircraft, P-51
USE P-51 aircraft

aircraft, P-84
USE jet provost aircraft

aircraft, P-160
USE P-160 aircraft

aircraft, P-166
USE P-166 aircraft

aircraft, P-308
USE P-308 aircraft

aircraft, P-1127
USE P-1127 aircraft

aircraft, P-1154
USE P-1154 aircraft

aircraft, PA-34 Seneca
USE PA-34 Seneca aircraft

aircraft, Panavia military
USE Panavia military aircraft

aircraft, Panther
USE F-9 aircraft

aircraft parts

aircraft, passenger
USE passenger aircraft

aircraft, PD-808
USE PD-808 aircraft

aircraft performance

aircraft, Phantom
USE Phantom aircraft

aircraft, Piaggio
USE Piaggio aircraft

aircraft, Piaggio P-166
USE P-166 aircraft

aircraft, Piaggio-Douglas PD-808
USE PD-808 aircraft

aircraft, Piasecki
USE Piasecki aircraft

aircraft, pilotless
USE pilotless aircraft

aircraft pilots

aircraft, Piper
USE Piper aircraft

aircraft, pivoted wing
USE tilt wing aircraft

aircraft, Polish TS-11
USE TS-11 aircraft

aircraft, Potez
USE Potez aircraft

aircraft power sources
USE aircraft engines

aircraft power supplies

aircraft, powered lift
USE powered lift aircraft

aircraft, private
USE general aviation aircraft

aircraft production

aircraft production costs

aircraft program, tilt rotor research
USE tilt rotor research aircraft program

aircraft, Provider
USE C-123 aircraft

aircraft, P3V
USE P-3 aircraft

aircraft, Questol
USE Questol aircraft

aircraft, Rangemaster
USE G-1 aircraft

aircraft, RB-47
USE B-47 aircraft

aircraft, RB-50
USE RB-50 aircraft

aircraft, RB-57
USE B-57 aircraft

aircraft, RB-66
USE B-66 aircraft

aircraft readiness monitor, automatic light
USE ALARM project

aircraft, reconnaissance
USE reconnaissance aircraft

aircraft reliability

aircraft, Republic
USE Republic aircraft

aircraft, Republic military
USE military aircraft

aircraft, research
USE research aircraft

aircraft research, supersonic cruise
USE supersonic cruise aircraft research

aircraft, RF-4
USE RF-4 aircraft

aircraft, RF-8
USE F-8 aircraft

aircraft rocket vehicle, Folding Fin
USE Folding Fin aircraft rocket vehicle

aircraft, rotary wing
USE rotary wing aircraft

aircraft, rotor systems research
USE rotor systems research aircraft

aircraft, rotorcraft
USE rotorcraft aircraft

aircraft runup

aircraft, Ryan
USE Ryan aircraft

aircraft, ryan military
USE Ryan aircraft

aircraft, R5D
USE C-54 aircraft

aircraft, R7V
USE C-121 aircraft
EC-121 aircraft

aircraft, S-2
USE S-2 aircraft

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aircraft S-2B, Snow aerial applicator
USE S-2 aircraft

aircraft, S-3
USE S-3 aircraft

aircraft, Saab
USE Saab aircraft

aircraft, Saab 37
USE Saab 37 aircraft

aircraft, Saab 105
USE Saab 105 aircraft

aircraft, Sabre
USE F-86 aircraft

aircraft, Sabreliner
USE T-39 aircraft

aircraft safety

aircraft, Samaritan
USE C-131 aircraft

aircraft, Savage
USE A-2 aircraft

aircraft, SC-1
USE SC-1 aircraft

aircraft, SC-5
USE SC-5 aircraft

aircraft, SC-7
USE SC-7 aircraft

aircraft, Schleicher
USE Schleicher aircraft

aircraft, Scimitar
USE Scimitar aircraft

aircraft, SE-210
USE SE-210 aircraft

aircraft, Seneca
USE PA-34 Seneca aircraft

aircraft, Shooting Star
USE T-33 aircraft

aircraft, Short Belfast C MK-1
USE SC-5 aircraft

aircraft, short haul
USE short haul aircraft

aircraft, Short SC-1
USE SC-1 aircraft

aircraft, Short SC-5
USE SC-5 aircraft

aircraft, Short SC-7
USE SC-7 aircraft

aircraft, short takeoff
USE short takeoff aircraft

aircraft, short takeoff & vertical landing
USE STOVL aircraft

aircraft, Siebel
USE Siebel aircraft

aircraft, Sikorsky
USE Sikorsky aircraft

aircraft, single engine
USE single engine aircraft

aircraft, Skyhawk
USE A-4 aircraft

aircraft, Skymaster
USE C-54 aircraft

aircraft, Skyraider
USE A-1 aircraft

aircraft, Skyrocket
USE D-558 aircraft

aircraft, Skystreak
USE D-558 aircraft

aircraft, Skyvan
USE SC-7 aircraft

aircraft, Skywarrior
USE A-3 aircraft

aircraft, snow
USE snow aircraft

aircraft, Snow S-2
USE S-2 aircraft

aircraft, solar powered
USE solar powered aircraft

aircraft, spanloader
USE spanloader aircraft

aircraft specifications

aircraft spin

aircraft, SR-71
USE SR-71 aircraft

aircraft stability

aircraft, Starfighter
USE F-104 aircraft

aircraft, Starlifter
USE C-141 aircraft

aircraft, steep gradient
USE V/STOL aircraft

aircraft, STOL
USE short takeoff aircraft

aircraft, STOVL
USE STOVL aircraft

aircraft, Stratofortress
USE B-52 aircraft

aircraft, Stratojet
USE B-47 aircraft

aircraft, Stratotanker
USE C-135 aircraft

aircraft structures

aircraft structures, plastic
USE plastic aircraft structures

aircraft, submersible
USE submersible aircraft

aircraft, subsonic
USE subsonic aircraft

aircraft, Sud Aviation
USE Sud Aviation aircraft

aircraft, Sud Aviation SE-210
USE SE-210 aircraft

aircraft, Sud VJ-101
USE VJ-101 aircraft

aircraft, Super Fortress
USE RB-50 aircraft

aircraft, Super Sabre
USE F-100 aircraft

aircraft, supersonic
USE supersonic aircraft

aircraft survivability

aircraft, T-2
USE T-2 aircraft

aircraft, T-28
USE T-28 aircraft

aircraft, T-33
USE T-33 aircraft

aircraft, T-37
USE T-37 aircraft

aircraft, T-38
USE T-38 aircraft

aircraft, T-39
USE T-39 aircraft

aircraft, tailless
USE tailless aircraft

aircraft, Talon
USE T-38 aircraft

aircraft, tandem wing
USE tandem wing aircraft

aircraft, tanker
USE tanker aircraft

aircraft, target drone
USE target drone aircraft

Aircraft Technology Program, Transonic
USE TACT program

aircraft, terrain following
USE terrain following aircraft

aircraft, TFX
USE F-111 aircraft

aircraft, Thunderchief
USE F-105 aircraft

aircraft, tilt rotor
USE tilt rotor aircraft

aircraft, tilt wing
USE tilt wing aircraft

aircraft tires

aircraft, Tornado
USE MRCA aircraft

aircraft, Trader
USE C-1A aircraft

aircraft, training
USE training aircraft

aircraft, Transall C-160
USE C-160 aircraft

aircraft, transonic
USE supersonic aircraft

aircraft, transport
USE transport aircraft

aircraft, Trident
USE DH 121 aircraft

aircraft, Trojan
USE T-28 aircraft

aircraft, TS-11
USE TS-11 aircraft

aircraft, TSR-2
USE TSR-2 aircraft

aircraft, TU-104
USE TU-104 aircraft

aircraft, TU-124
USE TU-124 aircraft

aircraft, TU-134
USE TU-134 aircraft

aircraft, TU-144
USE TU-144 aircraft

aircraft, TU-154
USE TU-154 aircraft

aircraft, Tupolev
USE Tupolev aircraft

aircraft, Turbo-Skyvan
USE SC-7 aircraft

aircraft, turbofan
USE turbofan aircraft

aircraft, turbojet
USE jet aircraft

aircraft, turboprop
USE turboprop aircraft

aircraft, Tutor
USE CL-41 aircraft

aircraft, T2J
USE T-2 aircraft

aircraft, T3J
USE T-39 aircraft

aircraft, U-2
USE U-2 aircraft

aircraft, U-10
USE U-10 aircraft

aircraft, ultralight
USE ultralight aircraft

aircraft, US-2A
USE S-2 aircraft

aircraft, utility
USE utility aircraft

aircraft, V-3
USE XV-3 aircraft

aircraft, V-4
USE XV-4 aircraft

aircraft, V-5
USE XV-5 aircraft

aircraft, V-9
USE XV-9A aircraft

aircraft, V-22
USE V-22 aircraft

aircraft, V/STOL
USE V/STOL aircraft

aircraft, Vallant
USE Valiant aircraft

aircraft, Valkyrie
USE B-70 aircraft

aircraft, Vampire
USE DH 115 aircraft

aircraft, Vampire MK 35
USE Vampire MK 35 aircraft

aircraft, VATOL
USE VATOL aircraft

aircraft, VC-10
USE VC-10 aircraft

aircraft, Venom
USE DH 112 aircraft

aircraft, vertical attitude takeoff-landing
USE VATOL aircraft

aircraft, vertical takeoff
USE vertical takeoff aircraft

aircraft, Vickers Scimitar
USE Scimitar aircraft

aircraft, Vickers Valiant

aircraft, Vickers Valiant
USE Valiant aircraft

aircraft, Vickers VC-10
USE VC-10 aircraft

aircraft, Vickers 1100
USE VC-10 aircraft

aircraft, Victor MK-1
USE Victor MK-1 aircraft

aircraft, Vigilante
USE A-5 aircraft

aircraft, Viscount
USE Viscount aircraft

aircraft, VJ-101
USE VJ-101 aircraft

aircraft, Voodoo
USE F-101 aircraft

aircraft, VTOL
USE vertical takeoff aircraft

aircraft, Vulcan
USE Vulcan aircraft

aircraft, VZ-2
USE VZ-2 aircraft

aircraft, VZ-8
USE VZ-8 aircraft

aircraft, VZ-10
USE XV-4 aircraft

aircraft, VZ-11
USE XV-5 aircraft

aircraft, VZ-12
USE P-1127 aircraft

aircraft wakes

aircraft, Warning Star
USE EC-121 aircraft

aircraft, water takeoff and landing
USE water takeoff and landing aircraft

aircraft, weather reconnaissance
USE weather reconnaissance aircraft

aircraft, Weser
USE Weser aircraft

aircraft, Westland
USE Westland aircraft

aircraft, WU-2
USE U-2 aircraft

aircraft, W2F
USE E-2 aircraft

aircraft, X-1
USE X-1 aircraft

aircraft, X-2
USE X-2 aircraft

aircraft, X-3
USE X-3 aircraft

aircraft, X-5
USE X-5 aircraft

aircraft, X-13
USE X-13 aircraft

aircraft, X-14
USE X-14 aircraft

aircraft, X-15
USE X-15 aircraft

aircraft, X-19
USE X-19 aircraft

aircraft, X-20
USE X-20 aircraft

aircraft, X-21
USE X-21 aircraft

aircraft, X-21A
USE X-21A aircraft

aircraft, X-22
USE X-22 aircraft

aircraft, X-22A
USE X-22A aircraft

aircraft, X-24
USE X-24 aircraft

aircraft, X-29
USE X-29 aircraft

aircraft, XB-47
USE B-47 aircraft

aircraft, XB-70
USE B-70 aircraft

aircraft, XBQM-180A
USE VATOL aircraft

aircraft, XC-142
USE XC-142 aircraft

aircraft, XV-3
USE XV-3 aircraft

aircraft, XV-4
USE XV-4 aircraft

aircraft, XV-5
USE XV-5 aircraft

aircraft, XV-5A
USE XV-5 aircraft

aircraft, XV-6A
USE P-1127 aircraft

aircraft, XV-8A
USE XV-8A aircraft

aircraft, XV-9A
USE XV-9A aircraft

aircraft, XV-11A
USE XV-11A aircraft

aircraft, XV-15
USE XV-15 aircraft

aircraft, Yak 40
USE Yak 40 aircraft

aircraft, YAV-8B
USE Harrier aircraft

aircraft, YC-14
USE YC-14 aircraft

aircraft, YC-15
USE C-15 aircraft

aircraft, YC-123
USE C-123 aircraft

aircraft, YF-12
USE YF-12 aircraft

aircraft, YF-16
USE YF-16 aircraft

aircraft, YF-17
USE F-17 aircraft

aircraft, YF-22
USE F-22 aircraft

aircraft, YF-102
USE F-102 aircraft

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aircraft, YS-11
USE YS-11 aircraft

aircraft, YT-2
USE T-2 aircraft

aircraft, Yukon
USE CL-44 aircraft

aircraft, Z-37
USE Z-37 aircraft

aircrews
USE flight crews

airdrops

airfield surface movements

airfields
USE airports

airfoil characteristics
USE airfoils

airfoil, Clark Y
USE airfoil profiles

airfoil fences

airfoil, GAW-1
USE GAW-1 airfoil

airfoil, GAW-2
USE GAW-2 airfoil

airfoil, General Aviation Whitcomb
USE GAW-1 airfoil
GAW-2 airfoil

airfoil oscillations

airfoil profiles

airfoil sections
USE airfoil profiles

airfoil thickness
USE airfoil profiles

airfoils

airfoils, circulation control
USE circulation control airfoils

airfoils, drooped
USE drooped airfoils

airfoils, laminar flow
USE laminar flow airfoils

airfoils, porous
USE porous boundary layer control

airfoils, supercritical
USE supercritical airfoils

airfoils, supersonic
USE supersonic airfoils

airfoils, thin
USE thin airfoils

airframe configurations, inlet
USE inlet airframe configurations

airframe integration, engine
USE engine airframe integration

airframe materials

airframes

Airgeep aircraft
USE VZ-8 aircraft

airglow

airglow, night
USE nightglow

- airline operations**
- airlock modules**
- airplane, experimental STOL transport rsch**
USE Questol aircraft
- airport beacons**
- airport lights**
- airport planning**
- airport security**
- airport surface detection equipment**
- airport towers**
- airports**
- AIRS (reconnaissance sys)**
USE airborne integrated reconnaissance system
- airships**
- airships, heavy lift**
USE heavy lift airships
- airspace**
- Airspace System, National**
USE National Airspace System
- Airspace Utilization System, National**
USE National Airspace Utilization System
- airspeed**
- airstreams, jet**
USE jet streams (meteorology)
- airworthiness**
USE aircraft reliability
- airworthiness requirements**
USE aircraft reliability
- airy function**
- Altken nuclei**
- AJ-1 engine, YLR-91-**
USE YLR-91-AJ-1 engine
- AJ-5 engine, LR-87-**
USE LR-87-AJ-5 engine
- AJ-5 engine, LR-91-**
USE LR-91-AJ-5 engine
- AJ-5 engine, XLR-91-**
USE LR-91-AJ-5 engine
- AJ-10 engine**
- AJ-1000 engine**
USE M-1 engine
- Ajax missile, Nike-**
USE Nike-Ajax missile
- AK**
USE Alaska
- (AK), Chena River Basin**
USE Chena River Basin (AK)
- (AK), Cook Inlet**
USE Cook Inlet (AK)
- (AK), Prince William Sound**
USE Prince William Sound (AK)
- (AK), Wrangell Mountains**
USE Wrangell Mountains (AK)
- Akebono satellite**
USE EXOS-D SATELLITE
- akermanite**
- AL**
USE Alabama
- Al**
USE aluminum
- (AL-KY-TN), Tennessee Valley**
USE Tennessee Valley (AL-KY-TN)
- Alabama**
- Aladin 2 aircraft**
- Alais meteorite**
- Alamos Molten Plutonium Reactor, Los**
USE Los Alamos Molten Plutonium Reactor
- Alamos Turret Reactor, Los**
USE high temperature nuclear reactors
- Alamos Water Boiler Reactor, Los**
USE Los Alamos Water Boiler Reactor
- alanine**
- alanine, phenyl**
USE phenylalanine
- ALARM project**
- alarms**
USE warning systems
- alarms, false**
USE false alarms
- Alaska**
- Alaska, Gulf of**
USE Gulf of Alaska
- Albania**
- albedo**
- albedo, cosmic ray**
USE cosmic ray albedo
- albedo, Earth**
USE Earth albedo
- albedo, lunar**
USE lunar albedo
- Alberta**
- albinism**
- albumins**
- Alcock comet, IRAS-Araki-**
USE IRAS-Araki-Alcock comet
- alcohol, ethyl**
USE ethyl alcohol
- alcohol, furfuryl**
USE furfuryl alcohol
- alcohol, isopropyl**
USE isopropyl alcohol
- alcohol, methyl**
USE methyl alcohol
- alcohol, polyvinyl**
USE polyvinyl alcohol
- alcohols**
- aldehyde, acet**
USE acetaldehyde
- aldehyde, form**
USE formaldehyde
- aldehydes**
- Alder reactions, Diels-**
USE Diels-Alder reactions
- aldofase**
- aldosterone**
- alertness**
- Aleutian Islands (US)**
- alexandrite**
- alfalfa**
- Alfven waves**
USE magnetohydrodynamic waves
- AlGaAs**
USE aluminum gallium arsenides
- algae**
- algae, blue green**
USE blue green algae
- algal bloom**
USE algae
- algebra**
- algebra, Boolean**
USE Boolean algebra
- algebra, current**
USE current algebra
- algebra, differential**
USE differential calculus matrices (mathematics)
- (algebra), field theory**
USE field theory (algebra)
- algebra, Grassmann**
USE vector spaces
- Algeria**
- ALGOL**
- Algol engine**
- algorithmic oriented language**
USE ALGOL
- algorithms**
- algorithms, genetic**
USE genetic algorithms
- algorithms, parsing**
USE parsing algorithms
- aligned currents, field**
USE field aligned currents
- alignment**
- alignment, mis**
USE misalignment
- alignment), polarization (spin**
USE polarization (spin alignment)
- alignment, runway**
USE runway alignment
- alignment, self**
USE self alignment
- Alin meteorite, Sikhote-**
USE Sikhote-Alin meteorite
- aliphatic compounds**
- aliphatic hydrocarbons**
- alkali halides**
- alkali metal compounds**
- alkali metals**

alkali vapor lamps

alkali vapor lamps

alkalies

alkaline batteries

alkaline earth compounds

alkaline earth metals

alkaline earth oxides

alkalinity

alkaloids

alkalosis

alkane, perfluoro
USE perfluoroalkane

alkanes

alkenes

alkyd resins

alkyl compounds

alkylates

alkylation

alkylferrocene

alkylidene

alkynes

all sky photography

all-weather air navigation

all-weather landing systems

Allegheny Plateau (US)

Allen radiation belts, Van
USE radiation belts

Allende meteorite

allergic diseases

alleviation, vortex
USE vortex alleviation

alleviators, gust
USE gust alleviators

allocation, resource
USE resource allocation

allocations

allotropy

allowances

alloxan

(alloy), mulberry
USE mulberry (alloy)

alloy steels, low
USE high strength steels

alloying

alloys

alloys, aluminum
USE aluminum alloys

alloys, aluminum-lithium
USE aluminum-lithium alloys

alloys, antimony
USE antimony alloys

alloys, arsenic
USE arsenic alloys

alloys, barium
USE barium alloys

alloys, bearing
USE bearing alloys

alloys, beryllium
USE beryllium alloys

alloys, binary
USE binary alloys

alloys, bismuth
USE bismuth alloys

alloys, boron
USE boron alloys

alloys, cadmium
USE cadmium alloys

alloys, cast
USE cast alloys

alloys, cesium
USE cesium alloys

alloys, chromium
USE chromium alloys

alloys, cobalt
USE cobalt alloys

alloys, copper
USE copper alloys

alloys, erbium
USE erbium alloys

alloys, eutectic
USE eutectic alloys

alloys, gadolinium
USE gadolinium alloys

alloys, gallium
USE gallium alloys

alloys, germanium
USE germanium alloys

alloys, gold
USE gold alloys

alloys, hafnium
USE hafnium alloys

alloys, heat resistant
USE heat resistant alloys

alloys, high strength
USE high strength alloys

alloys, high temperature
USE heat resistant alloys

alloys, indium
USE indium alloys

alloys, iridium
USE iridium alloys

alloys, iron
USE iron alloys

alloys, lanthanum
USE lanthanum alloys

alloys, lead
USE lead alloys

alloys, light
USE light alloys

alloys, liquid
USE liquid alloys

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alloys, lithium
USE lithium alloys

alloys, magnesium
USE magnesium alloys

alloys, manganese
USE manganese alloys

alloys, mercury
USE mercury alloys

alloys, molybdenum
USE molybdenum alloys

alloys, monotectic
USE monotectic alloys

alloys, neodymium
USE neodymium alloys

alloys, nickel
USE nickel alloys

alloys, nimonic
USE nimonic alloys

alloys, niobium
USE niobium alloys

alloys, nitinol
USE nitinol alloys

alloys, osmium
USE osmium alloys

alloys, palladium
USE palladium alloys

alloys, platinum
USE platinum alloys

alloys, plutonium
USE plutonium alloys

alloys, polymer
USE polymer blends

alloys, potassium
USE potassium alloys

alloys, quaternary
USE quaternary alloys

alloys, rare earth
USE rare earth alloys

alloys, refractory metal
USE refractory metal alloys

alloys, rhenium
USE rhenium alloys

alloys, rhodium
USE rhodium alloys

alloys, ruthenium
USE ruthenium alloys

alloys, selenium
USE selenium alloys

alloys, shape memory
USE shape memory alloys

alloys, silicon
USE silicon alloys

alloys, silver
USE silver alloys

alloys, sodium
USE sodium alloys

alloys, syntectic
USE syntectic alloys

alloys, tantalum
USE tantalum alloys

alloys, tellurium
USE tellurium alloys

alloys, ternary
USE ternary alloys

alloys, thallium
USE thallium alloys

alloys, thorium
USE thorium alloys

alloys, tin
USE tin alloys

alloys, titanium
USE titanium alloys

alloys, tungsten
USE tungsten alloys

alloys, udimet
USE udimet alloys

alloys, uranium
USE uranium alloys

alloys, vanadium
USE vanadium alloys

alloys, wrought
USE wrought alloys

alloys, yttrium
USE yttrium alloys

alloys, zinc
USE zinc alloys

alloys, zirconium
USE zirconium alloys

alluvium

allyl compounds

almucantar
USE elevation angle

aloft, winds
USE winds aloft

Aloha system

Alouette B satellite

Alouette helicopters

Alouette project

Alouette satellites

Alouette 1 satellite

Alouette 2 satellite

Alouette 3 helicopter
USE SE-3160 helicopter

Alpert ionization gages, Bayard-
USE Bayard-Alpert ionization gages

alpha decay

Alpha jet aircraft

alpha line, H
USE H alpha line

alpha particles

alpha plasma devices

alpha radiation
USE alpha particles

alpha radiation, Lyman
USE Lyman alpha radiation

alphabets

alphanumeric characters

alphatrons

Alpine meteorology

Alps Mountains (Europe)

ALS (launch system)
USE Advanced Launch System (STS)

ALSEP
USE Apollo Lunar Surface Experiments Package

alt target and background measurement, high
USE high alt target and background measurement

Altair engine
USE X-248 engine

alteration
USE revisions

alternating current

alternating current generators
USE AC generators

alternating direction implicit methods

alternations

alternatives

alternators (generators)
USE AC generators

alternators, linear
USE linear alternators

alternators, linear AC
USE linear alternators

alternators, static
USE static alternators

altimeters

altimeters, laser
USE laser altimeters

altimeters, radar
USE radio altimeters

altimeters, radio
USE radio altimeters

altimetry

altimetry, satellite
USE satellite altimetry

altitude

altitude acclimatization

altitude balloons, high
USE high altitude balloons

altitude breathing, high
USE high altitude breathing

altitude control

altitude environments, high
USE high altitude environments

altitude, flight
USE flight altitude

altitude flight, high
USE flight
high altitude

altitude, high
USE high altitude

altitude, low
USE low altitude

altitude missile, supersonic low
USE supersonic low altitude missile

altitude nuclear detection, high
USE high altitude nuclear detection

altitude pressure, high
USE high altitude pressure

altitude sickness

altitude, simulated
USE altitude simulation

altitude simulation

altitude sounding projectile, high
USE WASP sounding rocket

Altitude, Spacecraft Charging at High
USE SCATHA satellite

altitude tests

altitude tests, high
USE high altitude tests

altitude tolerance

ALU (computer components)
USE arithmetic and logic units

alum

alumina
USE aluminum oxides

aluminates

aluminides

aluminizing
USE aluminum coatings

aluminum

aluminum alloys

aluminum antimonides

aluminum arsenides

aluminum borohydrides

aluminum boron composites

aluminum carbides

aluminum chlorides

aluminum coatings

aluminum compounds

aluminum compounds, organic
USE organic aluminum compounds

aluminum fluorides

aluminum gallium arsenide lasers

aluminum gallium arsenides

aluminum garnet, yttrium-
USE yttrium-aluminum garnet

aluminum graphite composites

aluminum hydrides

aluminum hydrides, lithium
USE lithium aluminum hydrides

aluminum isotopes

aluminum nitrides

aluminum oxides

aluminum perchlorates

aluminum powder, sintered

aluminum powder, sintered
USE sintered aluminum powder

aluminum, powdered
USE powdered aluminum

aluminum silicates

aluminum 26

aluminum 27

aluminum-lithium alloys

alveolar air

alveoli

Am
USE americium

AM (modulation)
USE amplitude modulation

amalgams
USE mercury amalgams

amalgams, mercury
USE mercury amalgams

Amalthea

Amazon region (South America)

Amberlite (trademark)

ambience

ambient temperature

ambiguity

ambipolar diffusion

ambit
USE field theory (physics)

ambulances

America), Amazon region (South
USE Amazon region (South America)

America), Andes Mountains (South
USE Andes Mountains (South America)

America), Appalachian Mountains (North
USE Appalachian Mountains (North America)

America), Beaufort Sea (North
USE Beaufort Sea (North America)

America, Central
USE Central America

America), Colorado River (North
USE Colorado River (North America)

America), Great Lakes (North
USE Great Lakes (North America)

America), Great Plains Corridor (North
USE Great Plains Corridor (North America)

America, North
USE North America

America), Rio Grande (North
USE Rio Grande (North America)

America), Rocky Mountains (North
USE Rocky Mountains (North America)

America, South
USE South America

America), St Lawrence Valley (North
USE St Lawrence Valley (North America)

America, Voice of
USE Voice of America

America), Williston Basin (North
USE Williston Basin (North America)

American aircraft, North
USE North American aircraft

American Indians

American Search and Ranging Radar, North
USE North American Search and Ranging Radar

americium

americium isotopes

americium 241

amidase

amide, acetazol
USE acetazolamide

amides

amides, carb
USE carbamides

amine, catechol
USE catecholamine

amine, ergot
USE ergotamine

amine, ethylenedi
USE ethylenediamine

amine, hexamethylenetetra
USE hexamethylenetetramine

amine, mecaml
USE mecamlamine

amine, mel
USE melamine

amine, methamphet
USE methamphetamine

amine, nitros
USE nitrosamine

amine, trinitr
USE trinitramine

amines

amines, amphet
USE amphetamines

amines, di
USE diamines

amines, fluoro
USE fluoroamines

amines, hist
USE histamines

amines, nitro
USE nitroamines

amines, trypt
USE tryptamines

amino acids

amino radical

aminophylline

ammeters

ammeters, micromilli
USE micromilliammeters

ammeters, thermoelement
USE thermoelement ammeters

ammines

ammonia

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ammonia, liquid
USE liquid ammonia

ammonium bromides

ammonium chlorides

ammonium compounds

ammonium nitrates

ammonium perchlorates

ammonium phosphates

ammonium picrates

ammonium sulfates

ammonolysis

ammunition

ammunition, incendiary
USE incendiary ammunition

amobarbital

amoeba

AMOSS
USE Aeromaneuvering Orbit to Orbit Shuttle

Amor asteroid

amorphous materials

amorphous semiconductors

amorphous silicon

amount

AMP, cyclic
USE cyclic AMP

amperage
USE electric current

ampere characteristics, volt-
USE volt-ampere characteristics

Ampere equation, Monge-
USE Monge-Ampere equation

amphetamine, meth
USE methamphetamine

amphetamines

amphibia

amphibious aircraft

amphibious vehicles

amphiboles

Amphitrite asteroid

amplidynes

amplification

amplification factor
USE amplification

amplification, fluid
USE fluid amplifiers

(amplification), gain
USE amplification

amplification, sound
USE sound amplification

amplification, wave
USE wave amplification

amplifier design

- amplifiers**
- amplifiers, balanced**
USE push-pull amplifiers
- amplifiers, beam plasma**
USE beam plasma amplifiers
- amplifiers, bistable**
USE flip-flops
- amplifiers, broadband**
USE broadband amplifiers
- amplifiers, crossed field**
USE crossed field amplifiers
- amplifiers, current**
USE current amplifiers
- amplifiers, differential**
USE differential amplifiers
- amplifiers, distributed**
USE distributed amplifiers
- amplifiers, electronic**
USE amplifiers
- amplifiers, feedback**
USE feedback amplifiers
- amplifiers, fluid**
USE fluid amplifiers
- amplifiers, fluid jet**
USE fluid amplifiers
jet amplifiers
- amplifiers, intermediate frequency**
USE intermediate frequency amplifiers
- amplifiers, jet**
USE jet amplifiers
- amplifiers, light**
USE light amplifiers
- amplifiers, limiter**
USE limiter amplifiers
- amplifiers, linear**
USE linear amplifiers
- amplifiers, magnetic**
USE magnetic amplifiers
- amplifiers, magnetostatic**
USE magnetostatic amplifiers
- amplifiers, microwave**
USE microwave amplifiers
- amplifiers, operational**
USE operational amplifiers
- amplifiers, optical**
USE light amplifiers
- amplifiers, paramagnetic**
USE masers
- amplifiers, parametric**
USE parametric amplifiers
- amplifiers, power**
USE power amplifiers
- amplifiers, pre**
USE preamplifiers
- amplifiers, push-pull**
USE push-pull amplifiers
- amplifiers, quantum**
USE quantum amplifiers
- amplifiers, reactance**
USE parametric amplifiers
- amplifiers, servo**
USE servoamplifiers
- amplifiers, transistor**
USE transistor amplifiers
- amplifiers, traveling wave**
USE traveling wave amplifiers
- amplifiers, voltage**
USE voltage amplifiers
- amplitrans (trademark)**
USE planotrons
- amplitude converters, pulse width**
USE pulse width amplitude converters
- amplitude distribution analysis**
- amplitude loading, variable**
USE variable amplitude loading
- amplitude modulation**
- amplitude modulation, pulse**
USE pulse amplitude modulation
- amplitude modulation, quadrature**
USE quadrature amplitude modulation
- amplitude probability analysis**
USE amplitude distribution analysis
- amplitude, pulse**
USE pulse amplitude
- amplitude, scattering**
USE scattering amplitude
- amplitudes**
- ampoules**
- AMPS (satellite payload)**
- AMPTE (satellites)**
- AMTV**
USE automated mixed traffic vehicles
- AN-2 aircraft**
- AN-22 aircraft**
- AN-22 aircraft, Antonov**
USE AN-22 aircraft
- AN-24 aircraft**
- AN-24 aircraft, Antonov**
USE AN-24 aircraft
- anabaena**
- anaerobes**
- analgesia**
- analog circuits**
- analog computers**
- analog converters, digital to**
USE digital to analog converters
- analog data**
- analog simulation**
- analog to digital converters**
- analogies**
- analogies, hydraulic**
USE hydraulic analogies
- analogous**
- analogy, membrane**
USE membrane structures
structural analysis
- analysis**
USE analyzing
- analysis, activation**
USE activation analysis
- analysis, amplitude distribution**
USE amplitude distribution analysis
- analysis, amplitude probability**
USE amplitude distribution analysis
- analysis, biological**
USE bioassay
- analysis, bivariate**
USE bivariate analysis
- analysis, cepstral**
USE cepstral analysis
- analysis, chemical**
USE chemical analysis
- analysis, cluster**
USE cluster analysis
- analysis, combinatorial**
USE combinatorial analysis
- analysis, cost**
USE cost analysis
- analysis, creep**
USE creep analysis
- analysis, DAEMO (data)**
USE data reduction
data transmission
data processing
- analysis, data**
USE data reduction
data processing
- analysis, data flow**
USE data flow analysis
- analysis, design**
USE design analysis
- analysis, differential thermal**
USE thermal analysis
- analysis, dimensional**
USE dimensional analysis
- (analysis), DTA**
USE thermal analysis
- analysis, dynamic structural**
USE dynamic structural analysis
- analysis, economic**
USE economic analysis
- analysis, error**
USE error analysis
- analysis, factor**
USE factor analysis
- analysis, failure**
USE failure analysis
- analysis, feasibility**
USE feasibility analysis
- analysis, flutter**
USE flutter analysis
- analysis, Fourier**
USE Fourier analysis
- analysis, functional**
USE functional analysis

analysis, gas

analysis, gas
USE gas analysis

analysis, gas path
USE gas path analysis

analysis, harmonic
USE harmonic analysis

analysis, histochemical
USE histochemical analysis

analysis, hydrothermal stress
USE hydrothermal stress analysis

analysis, image
USE image analysis

analysis, instrumental
USE analyzing automation

analysis, management
USE management analysis

analysis, mathematical
USE applications of mathematics

analysis (mathematics)

analysis, matrix
USE matrices (mathematics)

analysis, micro
USE microanalysis

analysis, multitemporal
USE temporal resolution

analysis, multivariate statistical
USE multivariate statistical analysis

analysis, neph
USE nephanalysis

analysis, network
USE network analysis

analysis, neutron activation
USE neutron activation analysis

analysis, numerical
USE numerical analysis

analysis of variance

analysis, optical flow (image)
USE optical flow (image analysis)

analysis, photoelastic
USE photoelastic analysis

analysis, postflight
USE postflight analysis

analysis, potentiometric
USE potentiometric analysis

analysis, preflight
USE preflight analysis

analysis, principal components
USE principal components analysis

Analysis program, NASA Structural
USE NASTRAN

analysis, program trend line
USE program trend line analysis

analysis, qualitative
USE qualitative analysis

analysis, quantitative
USE quantitative analysis

analysis, regression
USE regression analysis

analysis, reliability
USE reliability analysis

analysis, scene
USE scene analysis

analysis, sequential
USE sequential analysis

analysis, signal
USE signal analysis

analysis, signature
USE signature analysis

analysis, sneak circuit
USE sneak circuit analysis

analysis (spacecraft), postmission
USE postmission analysis (spacecraft)

analysis, spectral
USE spectrum analysis

analysis, spectroscopic
USE spectroscopic analysis

analysis, spectrum
USE spectrum analysis

analysis, statistical
USE statistical analysis

analysis (statistics), discriminant
USE discriminant analysis (statistics)

analysis, stress
USE stress analysis

analysis, structural
USE structural analysis

analysis, systems
USE systems analysis

analysis techniques, prediction
USE prediction analysis techniques

analysis, tensor
USE tensor analysis

analysis, terrain
USE terrain analysis

analysis, thermal
USE thermal analysis

analysis, time series
USE time series analysis

analysis, training
USE training analysis

analysis, trajectory
USE trajectory analysis

analysis, trend
USE trend analysis

analysis, vector
USE vector analysis

analysis, volumetric
USE volumetric analysis

analysis, wavelet
USE wavelet analysis

analysis, weight
USE weight analysis

analysis, X ray
USE X ray analysis

analysis, X ray stress
USE X ray stress analysis

analytic functions

analytic geometry

analytical chemistry

analyzers

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analyzers, differential
USE differential analyzers

analyzers, engine
USE engine analyzers

analyzers, frequency
USE frequency analyzers

analyzers, oxygen
USE oxygen analyzers

analyzers, signal
USE signal analyzers

analyzing

anaphylaxis

anastigmatism

anatase

anatomy

(anatomy), appendix
USE appendix (anatomy)

(anatomy), arm
USE arm (anatomy)

(anatomy), capillaries
USE capillaries (anatomy)

(anatomy), diaphragm
USE diaphragm (anatomy)

(anatomy), elbow
USE elbow (anatomy)

(anatomy), eye
USE eye (anatomy)

(anatomy), face
USE face (anatomy)

(anatomy), feet
USE feet (anatomy)

(anatomy), glands
USE glands (anatomy)

(anatomy), hand
USE hand (anatomy)

(anatomy), head
USE head (anatomy)

(anatomy), joints
USE joints (anatomy)

(anatomy), knee
USE knee (anatomy)

(anatomy), leg
USE leg (anatomy)

(anatomy), limbs
USE limbs (anatomy)

(anatomy), lips
USE lips (anatomy)

(anatomy), neck
USE neck (anatomy)

(anatomy), nose
USE nose (anatomy)

(anatomy), skin
USE skin (anatomy)

anchors (fasteners)

and-Lee topography, Stoss-
USE glacial drift

Andes Mountains (South America)

andesite

- Andorra**
- Andreas Fault experiment, San**
USE San Andreas Fault experiment
- Andreas Fault, San**
USE San Andreas Fault
- Andromeda**
- Andromeda Constellation**
- Andromeda Galaxy**
- anechoic chambers**
- anelasticity**
- anemias**
- anemometers**
- anemometers, drag force**
USE drag force anemometers
- anemometers, hot-film**
USE hot-film anemometers
- anemometers, hot-wire**
USE hot-wire anemometers
- anemometers, laser**
USE laser anemometers
- anemometers, sonic**
USE sonic anemometers
- anemometry**
USE velocity measurement
- anesthesia**
- anesthesia, electro**
USE electroanesthesia
- anesthesiology**
- anesthetics**
- angels (radar)**
- angina pectoris**
- angiography**
- angiosperms**
- angle, Bragg**
USE Bragg angle
- angle, Brewster**
USE Brewster angle
- angle, dihedral**
USE dihedral angle
- angle, elevation**
USE elevation angle
- angle lenses, wide**
USE wide angle lenses
- angle of attack**
- angle of attack, zero**
USE zero angle of attack
- angle, phase**
USE phase shift
- angle, sweep**
USE sweep angle
- angles, apsidal**
USE apsides
- angles (electronics), look**
USE look angles (electronics)
- angles (geometry)**
- angles, glide**
USE glide paths
- angles, pitch**
USE pitch (inclination)
- angles, sweepback**
USE sweepback
- angles (tracking), look**
USE look angles (tracking)
- Angola**
- angular acceleration**
- angular correlation**
- angular distribution**
- angular momentum**
- angular motion**
USE angular velocity
- angular resolution**
- angular velocity**
- anhydrase, carbonic**
USE carbonic anhydrase
- anhydrides**
- Anik A**
USE Anik 1
- Anik B**
USE Anik 2
- Anik C**
USE Anik 3
- Anik satellites**
- Anik 1**
- Anik 2**
- Anik 3**
- aniline**
- animals**
- animals, cold blooded**
USE poikilothermia
- (animals), seals**
USE seals (animals)
- animals, warm blooded**
USE homeotherms
- animation**
- animation, computer**
USE computer animation
- anions**
- anisole**
- anisotropic fluids**
- anisotropic media**
- anisotropic plates**
- anisotropic shells**
- anisotropy**
- anisotropy, elastic**
USE elastic anisotropy
- anisotropy, plastic**
USE plastic anisotropy
- Anna hurricane**
- ANNA satellites**
- annealing**
- annealing, laser**
USE laser annealing
- annealing, simulated**
USE simulated annealing
- annihilation, electron-positron**
USE positron annihilation
- annihilation, positron**
USE positron annihilation
- annihilation reactions**
- annotations**
- annual variations**
- annular arc, magnetic**
USE magnetic annular arc
- annular core pulse reactors**
- annular ducts**
- annular flow**
- annular nozzles**
- annular plates**
- annular shock tubes, magnetic**
USE magnetic annular shock tubes
- annular suspension and pointing system**
- annuli**
- anode microchannel arrays, multi-**
USE multi-anode microchannel arrays
- anodes**
- anodes, cell**
USE cell anodes
- anodes, shell**
USE shell anodes
- anodes, tube**
USE tube anodes
- anodic coatings**
- anodic stripping**
- anodizing**
- anolytes**
- anomalies**
- anomalies, congenital**
USE congenital anomalies
- anomalies, geomagnetic**
USE magnetic anomalies
- anomalies, geothermal**
USE geothermal anomalies
- anomalies, gravity**
USE gravity anomalies
- anomalies, magnetic**
USE magnetic anomalies
- anomalous temperature zones**
- anorthosite**
- anoxia**
- ANS**
USE Astronomical Netherlands Satellite

Antarctic environment

Antarctic environment

USE ice environments

Antarctic Ocean

Antarctic regions

Antarctica

USE Antarctic regions

Antares rocket vehicle

Antelope missile

antenna arrays

antenna components

antenna couplers

antenna design

(antenna elements), directors

USE directors (antenna elements)

antenna feeds

antenna fields

USE antenna radiation patterns

Antenna Grid (navy), Global Communications

USE Seafarer project

antenna grid (navy), underground radio

USE Seafarer project

antenna radiation patterns

antennas

antennas, aircraft

USE aircraft antennas

antennas, backfire

USE backfire antennas

antennas, Cassegrain

USE Cassegrain antennas

antennas, cylindrical

USE cylindrical antennas

antennas, delta

USE delta antennas

antennas, dipole

USE dipole antennas

antennas, directional

USE directional antennas

antennas, furlable

USE furlable antennas

antennas, gravitational wave

USE gravitational wave antennas

antennas, Gregorian

USE Gregorian antennas

antennas, helical

USE helical antennas

antennas, high resolution coverage

USE high resolution coverage antennas

antennas, hoop column

USE hoop column antennas

antennas, horn

USE horn antennas

antennas, inertialess steerable

USE inertialess steerable antennas

antennas, lens

USE lens antennas

antennas, log periodic

USE log periodic antennas

antennas, log spiral

USE log spiral antennas

antennas, loop

USE loop antennas

antennas, maypole

USE maypole antennas

antennas, microstrip

USE microstrip antennas

antennas, microwave

USE microwave antennas

antennas, missile

USE missile antennas

antennas, monopole

USE monopole antennas

antennas, monopulse

USE monopulse antennas

antennas, multibeam

USE multibeam antennas

antennas, omnidirectional

USE omnidirectional antennas

antennas, parabolic

USE parabolic antennas

antennas, parasitic

USE parasitic elements (antennas)

(antennas), parasitic elements

USE parasitic elements (antennas)

antennas, plasma

USE plasma antennas

antennas, radar

USE radar antennas

antennas, radio

USE radio antennas

antennas, rectifier

USE rectennas

antennas, reflector

USE reflector antennas

antennas, rhombic

USE rhombic antennas

antennas, satellite

USE satellite antennas

antennas, Schwarzschild

USE Schwarzschild antennas

antennas, slot

USE slot antennas

antennas, slotted

USE slot antennas

antennas, spacecraft

USE spacecraft antennas

antennas, spherical

USE spherical antennas

antennas, spike

USE monopole antennas

antennas, spiral

USE spiral antennas

antennas, steerable

USE steerable antennas

antennas, tracking

USE directional antennas

antennas, turnstile

USE turnstile antennas

NASA THESAURUS VOLUME 2

antennas, two reflector

USE two reflector antennas

antennas, waveguide

USE waveguide antennas

antennas, whip

USE whip antennas

antennas, Yagi

USE Yagi antennas

Antheus aircraft

USE AN-22 aircraft

anthracene

anthracite

anthraquinones

anthropology

(anthropology), races

USE races (anthropology)

anthropometry

anti-Stokes Raman spectroscopy, coherent

USE Raman spectroscopy

antiadrenergics

antiaircraft missiles

antiaircraft missiles, self initiated

USE SIAM missiles

antibacterials, antiinfectives and

USE antiinfectives and antibacterials

antibiotics

antibodies

anticholinergics

anticlines

anticlinoria

USE anticlines

anticoagulants

anticonvulsants

anticyclones

antidiuretics

antidotes

antiemetics and antinauseants

antiferroelectricity

antiferromagnetism

antifouling

antifreezes

antifriction bearings

antigens

antigravity

Antigua and Barbuda

antihistaminics

antihypertensive agents

anticling additives

antiinfectives and antibacterials

antiknock additives

- Antilles, Lesser**
USE Lesser Antilles
- antimatter**
- antimatter propulsion, matter-**
USE matter-antimatter propulsion
- antimissile defense**
- Antimissile Measurement Program, Downrange**
USE Downrange Antimissile Measurement Program
- antimissile missiles**
- antimisting fuels**
- antimonides**
- antimonides, aluminum**
USE aluminum antimonides
- antimonides, cadmium**
USE cadmium antimonides
- antimonides, cesium**
USE cesium antimonides
- antimonides, gallium**
USE gallium antimonides
- antimonides, germanium**
USE germanium antimonides
- antimonides, indium**
USE indium antimonides
- antimonides, zinc**
USE zinc antimonides
- antimony**
- antimony alloys**
- antimony compounds**
- antimony fluorides**
- antimony isotopes**
- antinauseants, antiemetics and**
USE antiemetics and antinauseants
- antineutrinos**
- antinodes**
- antinucleons**
- antioxidants**
- antiparticles**
- antipodes**
- antiprotons**
- antiquities**
- antiradar coatings**
- antiradiation drugs**
- antiradiation missiles**
- antireflection coatings**
- antiseptics**
- antiserums**
- antiship missiles**
- antiship warfare**
- antiskid devices**
- antistatic devices**
USE static dischargers
- antisubmarine warfare**
- antisubmarine warfare aircraft**
- antisymmetry**
- antitank missiles**
- antitoxins, toxins and**
USE toxins and antitoxins
- Antonov aircraft**
- Antonov AN-22 aircraft**
USE AN-22 aircraft
- Antonov AN-24 aircraft**
USE AN-24 aircraft
- anvil clouds**
- anvils**
- anxiety**
- anxiety scale, Taylor manifest**
USE Taylor manifest anxiety scale
- AO-1 aircraft**
USE OV-1 aircraft
- AOIPS**
USE Atmospheric & Oceanographic Inform Sys
- aorta**
- AOSO**
- Apache rocket vehicle**
- Apache rocket vehicle, Nike-**
USE Nike-Apache rocket vehicle
- apatites**
USE minerals
calcium phosphates
- aperiodic functions**
- aperture radar, synthetic**
USE synthetic aperture radar
- aperture seismic array, large**
USE large aperture seismic array
- aperture terminals, very small**
USE VSAT (network)
- apertures**
- apertures, irises (mechanical)**
USE irises (mechanical apertures)
- apertures, synthetic**
USE synthetic apertures
- (apertures), windows**
USE windows (apertures)
- apes**
- apexes**
- aphelions**
- APL (programming language)**
- apnea**
USE respiration
- apogee boost motors**
- apogee engines, SYNCOM**
USE SYNCOM apogee engines
- apogee satellites, perigee-**
USE PAS
- apogees**
- Apollo applications program**
- Apollo asteroids**
- Apollo extension system**
- Apollo flights**
- Apollo lunar experiment module**
- Apollo, lunar exploration system for**
USE lunar exploration system for Apollo
- Apollo Lunar Surface Experiments Package**
- Apollo project**
- Apollo short stack**
- Apollo Soyuz test project**
- Apollo spacecraft**
- Apollo Surface Experiments Package, Early**
USE EASEP
- Apollo telescope mount**
- Apollo 5 flight**
- Apollo 6 flight**
- Apollo 7 flight**
- Apollo 8 flight**
- Apollo 9 flight**
- Apollo 10 flight**
- Apollo 11 flight**
- Apollo 12 flight**
- Apollo 13 flight**
- Apollo 14 flight**
- Apollo 15 flight**
- Apollo 16 flight**
- Apollo 17 flight**
- Appalachian Mountains (North America)**
- apparatus**
USE equipment
- apparatus, abort**
USE abort apparatus
- apparatus, breathing**
USE breathing apparatus
- apparatus, drying**
USE drying apparatus
- apparatus, free flight test**
USE free flight test apparatus
- apparatus, hypersonic test**
USE hypersonic test apparatus
- apparatus, spraying**
USE sprayers
- apparatus, supersonic test**
USE supersonic test apparatus
- apparatus, torque measuring**
USE torqueometers
- apparatus, underwater breathing**
USE underwater breathing apparatus
- apparatus, vacuum**
USE vacuum apparatus
- apparatus, wind tunnel**
USE wind tunnel apparatus

apparatus, X ray

apparatus, X ray

USE X ray apparatus

appearance

appendages

appendix (anatomy)

Appleton approximation, Hartree-

USE Hartree approximation

appliances, electric

USE electric equipment

Applic Payloads, Office of Space & Terrest

USE OSTA-1 payload

OSTA-2 payload

OSTA-3 payload

application

USE utilization

application specific integrated circuits

Applications Explorer Satellites

Applications Laboratory, Earth Viewing

USE Earth Viewing Applications Laboratory

applications, laser

USE laser applications

applications, microgravity

USE microgravity applications

applications, multisensor

USE multisensor applications

applications of mathematics

applications, patent

USE patent applications

applications program, Apollo

USE Apollo applications program

Applications Program, Earth & Ocean Physics

USE Earth & Ocean Physics Applications Program

applications program, geographic

USE geographic applications program

applications programs (computers)

Applications Rocket, Space Processing

USE Space Processing Applications Rocket

Applications Technology Satellites

USE ATS

applicator aircraft S-2B, Snow aerial

USE S-2 aircraft

approach

approach, airborne radar

USE airborne radar approach

approach and landing tests (STS)

approach control

approach control, radar

USE radar approach control

approach, delayed flap

USE delayed flap approach

approach indicators

approach, instrument

USE instrument approach

approach spacing, aircraft

USE aircraft approach spacing

appropriations

approximation

approximation, Bardeen

USE barrier layers
electrical properties
surface properties

approximation, Born

USE Born approximation

approximation, Born-Oppenheimer

USE Born-Oppenheimer approximation

approximation, Boussinesq

USE Boussinesq approximation

approximation, Chebyshev

USE Chebyshev approximation

approximation, Eddington

USE Eddington approximation

approximation, Hartree

USE Hartree approximation

approximation, Hartree-Appleton

USE Hartree approximation

approximation, Hartree-Fock

USE Hartree approximation

approximation methods

USE approximation

approximation, Oseen

USE Oseen approximation

approximation, Pade

USE Pade approximation

approximation, quadrature

USE quadratures

approximation, Sommerfeld

USE Sommerfeld approximation

approximation, WKB

USE Wentzel-Kramer-Brillouin method

apsidal angles

USE apsides

apsides

APT (picture transmission)

USE automatic picture transmission

aptitude

Aquarid meteoroids

aquatic plants

aqueous solutions

aquiculture

aquifers

Ar

USE argon

AR

USE Arkansas

Arab Emirates, United

USE United Arab Emirates

Arabia, Saudi

USE Saudi Arabia

Arabian commercial satellite

USE Arcomsat

Arabian Sea

Arabian space program, Saudi

USE Saudi Arabian space program

Arabsat

aragonite

NASA THESAURUS VOLUME 2

Araki-Alcock comet, IRAS-

USE IRAS-Araki-Alcock comet

aramid fiber composites

aramid fibers

arc chambers

arc clouds

arc cutting, plasma

USE plasma arc cutting

arc discharges

arc generators

arc heaters, Gerdien

USE arc heating
heating equipment

arc heating

arc jet engines

arc lamps

arc, magnetic annular

USE magnetic annular arc

arc melting

arc spraying

arc spraying, plasma

USE arc spraying

arc switches, vacuum

USE vacuum arc switches

arc welding

arc welding, gas tungsten

USE gas tungsten arc welding

arc welding, plasma

USE plasma arc welding

Arcas rocket vehicles

archaeobacteria

archaeology

arches

archipelagoes

architecture

(architecture), ceilings

USE ceilings (architecture)

architecture, computer

USE architecture (computers)

architecture (computers)

Arcomsat

Arcon rocket vehicle

arcs

arcs, auroral

USE auroral arcs

arcs, carbon

USE carbon arcs

arcs, electric

USE electric arcs

arcs, island

USE island arcs

arcs, mercury

USE mercury arcs

arcs, plasma
USE plasma jets

arcs, red
USE red arcs

Arctic environments
USE ice environments

Arctic Ocean

Arctic regions

area

Area Crop Inventory Experiment, Large
USE Large Area Crop Inventory Experiment

area energy management, terminal
USE terminal area energy management

area), flux (rate per unit
USE flux density

area index, leaf
USE leaf area index

area navigation

area networks, local
USE local area networks

Area Twin Hull, Small Water Plane
USE SWATH (ship)

area wings, variable
USE trailing edge flaps

areas, auditory sensation
USE auditory sensation areas

areas, catchment
USE watersheds

areas, industrial
USE industrial areas

areas, lumbering
USE forests

areas (meteorology), frontal
USE fronts (meteorology)

areas, metropolitan
USE cities

areas, residential
USE residential areas

areas, rural
USE rural areas

areas, suburban
USE suburban areas

areas, urban
USE cities

Arend-Roland comet

ARES (spacecraft)
USE Advanced Recon Electric Spacecraft

ARETS
USE Arizona Regional Ecological Test Site

Argentina

Argentine space program

Argo rocket vehicles

argon

argon isotopes

argon lasers

argon lasers, HCL
USE HCL argon lasers

argon plasma

argon, solid
USE solidified gases

argon-oxygen atmospheres

Argos system

Argosy MK-1 aircraft

arguments (mathematics)
USE independent variables

Argus project

Ariane launch vehicle

arid lands

Ariel

Ariel satellites

Ariel 1 satellite

Ariel 2 satellite

Ariel 3 satellite

Ariel 4 satellite

Ariel 5 satellite

Aries constellation

Aries sounding rocket

Arietid meteoroids

ARIP (impact prediction)
USE computerized simulation
impact prediction

ARIS instrumentation ship
USE Advanced Range Instrumentation Ship

arithmetic

arithmetic and logic units

arithmetic, double precision
USE double precision arithmetic

arithmetic, fixed point
USE fixed point arithmetic

arithmetic, floating point
USE floating point arithmetic

Arizona

Arizona Regional Ecological Test Site

Arkansas

arm (anatomy)

armament, dis
USE disarmament

armatures

armed forces

armed forces (foreign)

armed forces (United States)

armed reconnaissance aircraft, light
USE COIN AIRCRAFT

Armenia

armor

arms, robot
USE robot arms

arms (robotics)
USE robot arms

army ballistic missiles, field
USE field army ballistic missiles

Army-Navy instrumentation program

AROD (range-orbit determination)
USE airborne range and orbit determination

aromatic compounds

aromatics, chloro
USE chloroaromatics

Aroos meteorite

arousal

ARPA computer network

ARQ (communication)
USE automatic repeat request

array, large aperture seismic
USE large aperture seismic array

Array (VLA), Very Large
USE Very Large Array (VLA)

Array (VLBA), Very Long Baseline
USE Very Long Baseline Array (VLBA)

arrays

arrays, antenna
USE antenna arrays

arrays, endfire
USE endfire arrays

arrays, focal plane
USE focal plane devices

arrays, laser
USE laser arrays

arrays, linear
USE linear arrays

arrays, multi-anode microchannel
USE multi-anode microchannel arrays

arrays, multispectral linear
USE multispectral linear arrays

arrays, phased
USE phased arrays

arrays, rollup solar
USE solar arrays

arrays, solar
USE solar arrays

arrays, synthetic
USE synthetic arrays

arrays, systolic
USE systolic arrays

arrest, crack
USE crack arrest

arresters

arresting gear

arresting motion, brakes (for
USE brakes (for arresting motion)

arrhythmia

arrivals

Arrow launch vehicle, Black
USE Black Knight rocket vehicle

Arrow satellite, Space
USE Cosmos 149 satellite

arrow wings

arrow wings

arroyos

arsenates

arsenic

arsenic alloys

arsenic compounds

arsenic isotopes

arsenide lasers, aluminum gallium
USE aluminum gallium arsenide lasers

arsenide lasers, gallium
USE gallium arsenide lasers

arsenides

arsenides, aluminum
USE aluminum arsenides

arsenides, aluminum gallium
USE aluminum gallium arsenides

arsenides, gallium
USE gallium arsenides

arsenides, indium
USE indium arsenides

arsenides, indium gallium
USE indium gallium arsenides

artemia

arteries

arteriography, phono
USE phonoarteriography

arteriosclerosis

artery disease, coronary
USE coronary artery disease

arthritis

arthropods

articulation (speech)

artifacts

artificial cardiac pacemaker

artificial clouds

artificial ears

artificial gravity

artificial harbors

artificial heart valves

artificial intelligence

(artificial intelligence), knowledge bases
USE knowledge bases (artificial intelligence)

artificial radiation belts

artificial respiration
USE resuscitation

artificial satellites

artillery

artillery fire

arts

arts, graphic
USE graphic arts

Aryabhata
USE Indian spacecraft

aryl compounds
USE aromatic compounds

As
USE arsenic

ASA
USE acetylsalicylic acid

asbestos

ascent

ascent method, steepest
USE steepest descent method

ascent propulsion systems

ascent stage, lunar module
USE lunar module ascent stage

ascent stage, Space Shuttle
USE Space Shuttle ascent stage

ascent trajectories

ascorbic acid

ascorbic acid metabolism

ASCR reactor
USE advanced sodium cooled reactor

ASDE
USE airport surface detection equipment

ASE (aerodynamics)
USE aeroservoelasticity

ash, fly
USE fly ash

ashes

Asia

Asia, Southeast
USE Southeast Asia

ASIC
USE application specific integrated circuits

aspartates

aspartic acid

aspect ratio

aspect ratio, high
USE high aspect ratio

aspect ratio, low
USE low aspect ratio

aspect ratio wings, high
USE slender wings

aspect ratio wings, low
USE low aspect ratio wings

Aspergillus

asphalt

asphaltenes

asphericity

asphyxia

aspiration
USE vacuum

ASRM (STS)
USE Advanced Solid Rocket Motor (STS)

ASROC engine

NASA THESAURUS VOLUME 2

Assateague Island (MD-VA)

assault helicopter, Black Hawk
USE H-60 Helicopter

assaulting
USE attacking (assaulting)

(assaulting), attacking
USE attacking (assaulting)

assay, immuno
USE immunoassay

assay, radioimmuno
USE radioimmunoassay

assaying

assembler routines

assemblies

assemblies, sub
USE subassemblies

assemblies, swing tail
USE swing tail assemblies

assemblies, tail
USE tail assemblies

(assemblies), tails
USE tail assemblies

assembling

assembly

Assembly language

assembly, orbital
USE orbital assembly

assembly, spacecraft orbital
USE orbital assembly

Assess program

assessment, damage
USE damage assessment

assessment, technology
USE technology assessment

assessments

ASSET gliders

ASSET project

assignment
USE allocations

assignment, frequency
USE frequency assignment

assignment multiple access, demand
USE demand assignment multiple access

assimilation

assist, aero
USE aeroassist

assist module, payload
USE payload assist module

assist trajectories, gravity
USE swingby technique

assisted instruction, computer
USE computer assisted instruction

assisted takeoff, jet
USE JATO engines

association reactions

associations
USE organizations

- associative processing (computers)
- assumptions
- assurance
- astatine
- astatine isotopes
- ASTEC solar turboelectric generator
- asteroid, Amor
 - USE Amor asteroid
- asteroid, Amphitrite
 - USE Amphitrite asteroid
- asteroid belts
- asteroid capture
- asteroid, Ceres
 - USE Ceres asteroid
- Asteroid Flyby Mission, Comet Rendezvous
 - USE Comet Rendezvous Asteroid Flyby Mission
- asteroid, Icarus
 - USE Icarus asteroid
- asteroid missions
- asteroid, Toro
 - USE Toro asteroid
- asteroid, Vesta
 - USE Vesta asteroid
- asteroids
- asteroids, Apollo
 - USE Apollo asteroids
- asthenopia
- asthma
- astigmatism
- astigmatism, an
 - USE anastigmatism
- ASTP
 - USE Apollo Soyuz test project
- astrionics
- Astro missions (STS)
- Astro vehicle
- Astrobee rocket vehicles
- Astrobee 1500 rocket vehicle
- astrobiology
 - USE exobiology
- astrodynamics
- astrography
- Astroguide Navigation System
- astrolabes
- Astroloy (trademark)
- astromasts
 - USE longerons
- astrometry
- Astron thermonuclear reactor
- astronaut locomotion
- astronaut maneuvering equipment
- astronaut performance
- astronaut training
- astronautics
- astronauts
- astronavigation
- astronomical catalogs
- astronomical coordinates
- astronomical interferometry
- astronomical maps
- astronomical models
- Astronomical Netherlands Satellite
- astronomical observatories
- Astronomical Observatory, Orbiting
 - USE OAO
- astronomical photography
- astronomical photometry
- astronomical polarimetry
- astronomical satellites
- astronomical spectroscopy
- astronomical telescopes
 - USE telescopes
- astronomy
- (astronomy), black holes
 - USE black holes (astronomy)
- Astronomy Explorer B, Radio
 - USE Explorer 49 satellite
- Astronomy Explorer, Gamma Ray
 - USE Explorer 11 satellite
- Astronomy Explorer satellite, Radio
 - USE Radio Astronomy Explorer satellite
- Astronomy Explorer 2, Radio
 - USE Explorer 49 satellite
- astronomy, gamma ray
 - USE gamma ray astronomy
- astronomy, infrared
 - USE infrared astronomy
- (astronomy), infrared cirrus
 - USE infrared cirrus (astronomy)
- (astronomy), infrared sources
 - USE infrared sources (astronomy)
- (astronomy), local group
 - USE local group (astronomy)
- (astronomy), LTE
 - USE local thermodynamic equilibrium
- (astronomy), North Polar Spur
 - USE North Polar Spur (astronomy)
- Astronomy Observatories, High Energy
 - USE HEAO
- Astronomy Observatory A, High Energy
 - USE HEAO 1
- Astronomy Observatory B, High Energy
 - USE HEAO 2
- Astronomy Observatory C, High Energy
 - USE HEAO 3
- Astronomy Observatory 1, High Energy
 - USE HEAO 1
- Astronomy Observatory 2, High Energy
 - USE HEAO 2
- Astronomy Observatory 3, High Energy
 - USE HEAO 3
- astronomy, radar
 - USE radar astronomy
- astronomy, radio
 - USE radio astronomy
- (astronomy), radio jets
 - USE radio jets (astronomy)
- (astronomy), radio sources
 - USE radio sources (astronomy)
- (astronomy), Rhea
 - USE Rhea (astronomy)
- astronomy satellite, infrared
 - USE infrared astronomy satellite
- astronomy satellite, Magellan ultraviolet
 - USE Magellan ultraviolet astronomy satellite
- Astronomy Satellite 1, Small
 - USE SAS-1
- Astronomy Satellite 2, Small
 - USE SAS-2
- Astronomy Satellite 3, Small
 - USE SAS-3
- Astronomy Satellites, Small
 - USE SAS
- (astronomy), seeing
 - USE seeing (astronomy)
- (astronomy), sky surveys
 - USE sky surveys (astronomy)
- (astronomy), solar convection
 - USE solar convection (astronomy)
- astronomy, spaceborne
 - USE spaceborne astronomy
- Astronomy, Stratospheric Observatory for IR
 - USE SOFIA (airborne observatory)
- astronomy, ultraviolet
 - USE ultraviolet astronomy
- (astronomy), white holes
 - USE white holes (astronomy)
- astronomy, X ray
 - USE X ray astronomy
- astrophysics
- astrophysics, computational
 - USE computational astrophysics
- (astrophysics), cooling flows
 - USE cooling flows (astrophysics)
- Astrophysics Facility, Advanced X Ray
 - USE X Ray Astrophysics Facility
- Astrophysics Facility, X Ray
 - USE X Ray Astrophysics Facility
- (astrophysics), missing mass
 - USE missing mass (astrophysics)
- astrophysics, nuclear
 - USE nuclear astrophysics
- Astroplane
- asymmetry
- asymptotes

asymptotic giant branch stars

asymptotic giant branch stars

asymptotic methods

asymptotic properties

asymptotic series

asynchronous motors

At

USE astatine

at High Altitude, Spacecraft Charging

USE SCATHA satellite

ATARS

USE automatic traffic advisory and resolution

ataxia

ataxite

ATC, automated en route

USE automated en route ATC

Atchafalaya River Basin (LA)

atelectasis

ATF

USE F-22 aircraft

Athena rocket vehicle

atherosclerosis

USE arteriosclerosis

athletes

athodyds

USE ramjet engines

Atlanta (GA)

Atlantic aircraft

USE Breguet 1150 aircraft

Atlantic Ocean

Atlantic Region (US), Central

USE Central Atlantic Region (US)

Atlantic Regional Ecol Test Site, Central

USE Central Atlantic Regional Ecol Test Site

Atlantic Treaty Organization (NATO), North

USE North Atlantic Treaty Organization (NATO)

Atlantic Tropical Experiment, GARP

USE GARP Atlantic Tropical Experiment

Atlantis (orbiter)

Atlas Able 5 launch vehicle

Atlas Agena B launch vehicle

Atlas Agena launch vehicles

Atlas Centaur launch vehicle

Atlas D ICBM

Atlas E ICBM

Atlas F ICBM

Atlas ICBM

Atlas launch vehicles

Atlas SLV-3 launch vehicle

ATLIT project

atmosphere, Earth

USE Earth atmosphere

atmosphere, equatorial

USE equatorial atmosphere

Atmosphere Explorer A

USE Explorer 17 satellite

Atmosphere Explorer B*

USE Explorer 32 satellite

Atmosphere Explorer C

USE Explorer 51 satellite

Atmosphere Explorer D

USE Explorer 54 satellite

Atmosphere Explorer E

USE Explorer 55 satellite

atmosphere, free

USE free atmosphere

atmosphere, inert

USE inert atmosphere

atmosphere, Jupiter

USE Jupiter atmosphere

atmosphere, lower

USE lower atmosphere

atmosphere, lunar

USE lunar atmosphere

atmosphere, Mars

USE Mars atmosphere

atmosphere, Mercury

USE Mercury atmosphere

atmosphere, middle

USE middle atmosphere

atmosphere, midlatitude

USE midlatitude atmosphere

atmosphere, Neptune

USE Neptune atmosphere

atmosphere, Pluto

USE Pluto atmosphere

atmosphere, primitive Earth

USE primitive Earth atmosphere

Atmosphere Research Satellite (UARS), Upper

USE Upper Atmosphere Research Satellite (UARS)

atmosphere, Saturn

USE Saturn atmosphere

atmosphere, solar

USE solar atmosphere

atmosphere sounding projectile, window

USE WASP sounding rocket

atmosphere, upper

USE upper atmosphere

atmosphere, Uranus

USE Uranus atmosphere

atmosphere, Venus

USE Venus atmosphere

atmospheres

atmospheres, argon-oxygen

USE argon-oxygen atmospheres

atmospheres, cabin

USE cabin atmospheres

atmospheres, cometary

USE cometary atmospheres

atmospheres, controlled

USE controlled atmospheres

atmospheres, helium hydrogen

USE helium hydrogen atmospheres

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atmospheres, helium-oxygen

USE helium-oxygen atmospheres

atmospheres, hypobaric

USE hypobaric atmospheres

atmospheres, neutral

USE neutral atmospheres

atmospheres, nongray

USE nongray atmospheres

atmospheres, planetary

USE planetary atmospheres

atmospheres, reference

USE reference atmospheres

atmospheres, satellite

USE satellite atmospheres

atmospheres, spacecraft cabin

USE spacecraft cabin atmospheres

atmospheres, standard

USE reference atmospheres

atmospheres, stellar

USE stellar atmospheres

Atmospheric & Oceanographic Inform Sys

atmospheric absorption

USE atmospheric attenuation

atmospheric and magnetospheric payload

USE AMPS (satellite payload)

atmospheric attenuation

atmospheric boundary layer

atmospheric chemistry

atmospheric circulation

Atmospheric Cloud Physics Lab (Spacelab)

atmospheric composition

Atmospheric Composition Experiment, Lower

USE LACATE (experiment)

atmospheric conditions

USE meteorology

atmospheric conductivity

atmospheric correction

atmospheric density

atmospheric diffusion

atmospheric effects

atmospheric electricity

atmospheric emission

USE airglow

atmospheric energy sources

atmospheric entry

atmospheric entry simulation

Atmospheric General Circulation Experiment

(atmospheric), general circulation models

USE Atmospheric General Circulation Models

Atmospheric General Circulation Models

atmospheric heat budget

atmospheric heating

atmospheric impurities

USE air pollution

atmospheric ionization

atmospheric lasers

atmospheric lasers, transversely excited
USE TEA lasers

atmospheric loading
USE pollution transport

atmospheric models

atmospheric moisture

atmospheric noise
USE atmospherics

atmospheric optics

atmospheric physics

atmospheric pressure

atmospheric radiation

atmospheric refraction

Atmospheric Research Program, Global
USE Global Atmospheric Research Program

atmospheric scattering

atmospheric seeing
USE seeing (astronomy)

atmospheric shells
USE atmospheric stratification

atmospheric sounding

atmospheric stratification

atmospheric temperature

atmospheric tides

atmospheric turbulence

atmospheric windows

atmospherics

atmospherics, sudden enhancement of
USE sudden enhancement of atmospherics

atoll reefs
USE coral reefs

atolls

atom concentration

atom interactions, ion
USE ion atom interactions

atomic batteries
USE radioisotope batteries

atomic beams

atomic bombs
USE fission weapons

atomic clocks

atomic collisions

atomic energy
USE nuclear energy

atomic energy levels

atomic excitations

atomic explosions
USE nuclear explosions

atomic gases
USE monatomic gases

atomic interactions

atomic mass
USE atomic weights

atomic mobilities

atomic physics

(atomic physics), quenching
USE quenching (atomic physics)

atomic power plant, Enrico Fermi
USE Enrico Fermi atomic power plant

atomic recombination

atomic spectra

atomic structure

atomic theory

atomic weights

atomization
USE atomizing

atomization, gas
USE gas atomization

atomization, liquid
USE liquid atomization

atomizers

atomizing

atoms

atoms, helium
USE helium atoms

atoms, hot
USE hot atoms

atoms, hydrogen
USE hydrogen atoms

atoms, metastable
USE metastable atoms

atoms, neutral
USE neutral atoms

atoms, nitrogen
USE nitrogen atoms

atoms, oxygen
USE oxygen atoms

atoms, recoil
USE recoil atoms

ATP
USE adenosine triphosphate

ATR reactor
USE advanced test reactors

atriums, solar
USE solar atrioms

atrophy

atropine

ATS

ATS 1

ATS 2

ATS 3

ATS 4

ATS 5

ATS 6

ATS 7

ATS 8

attachment

attachment, electron
USE electron attachment

attachments
USE accessories

attack

attack aircraft

attack, angle of
USE angle of attack

attack, chemical
USE chemical attack

attack, zero angle of
USE zero angle of attack

attacking (assaulting)

attention

attenuation

attenuation, acoustic
USE acoustic attenuation

attenuation, atmospheric
USE atmospheric attenuation

attenuation coefficients

Attenuation Measurement project, Radio
USE Radio Attenuation Measurement project

attenuation, microwave
USE microwave attenuation

attenuation, noise
USE noise reduction

attenuation, radar
USE radar attenuation

attenuation, radio
USE radio attenuation

attenuation, radio signal
USE radio attenuation

attenuation, shock wave
USE shock wave attenuation

attenuation, wave
USE wave attenuation

attenuators

attitude control

attitude control), Discos (satellite
USE Discos (satellite attitude control)

attitude control, pitch
USE longitudinal control

attitude control, satellite
USE satellite attitude control

attitude control satellite, transit
USE transit attitude control satellite

attitude disturbance, satellite
USE spacecraft stability
attitude stability

attitude gyros

attitude (inclination)

attitude indicators

attitude indicators, helicopter

attitude indicators, helicopter

USE attitude indicators
helicopters

attitude stability

attitude takeoff-landing aircraft, vertical

USE VATOL aircraft

attraction

attractors, strange

USE strange attractors

attributes

USE properties

attrition (materials)

USE comminution

Au

USE gold

audio data

audio equipment

audio frequencies

audio signals

audio tapes

audio visual equipment

audio visual material

audiology

audiometry

auditory defects

auditory fatigue

auditory perception

auditory sensation areas

auditory signals

auditory stimuli

auditory tasks

aufeis (ice)

Auger effect

Auger spectroscopy

augmentation

augmentation, lift

USE lift augmentation

augmentation, stability

USE stability augmentation

augmentation, thrust

USE thrust augmentation

augmented wing flaps, jet

USE wing flaps
jet flaps

augmentor wing aircraft, C-8A

USE C-8A augmentor wing aircraft

auricles, cardiac

USE cardiac auricles

Auriga constellation

Aurigae star, Zeta

USE Zeta Aurigae star

Aurora 7

auroral absorption

auroral activity

USE auroras

auroral arcs

auroral echoes

auroral electrojets

auroral ionization

auroral irradiation

auroral spectroscopy

auroral temperature

auroral zones

auroras

auroras, polar

USE auroras

auroras, radio

USE radio auroras

ausforming

austenite

austenitic stainless steels

Austin comet

Australia

Australian space program

australites

Austria

Austrian space program

autocatalysis

autoclaves

autoclaving

autocoders

autocollimators

USE collimators

autocorrelation

autodynes

autogiro, Avian 2/180

USE Avian 2/180 autogiro

autogyros

autoionization

autokinesis

automata theory

automated en route ATC

automated guideway transit vehicles

automated mixed traffic vehicles

automated pilot advisory system

automated radar terminal system

automated transit vehicles

automatic control

automatic control valves

automatic data processing

USE data processing

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automatic flight control

automatic frequency control

automatic gain control

automatic landing control

automatic light aircraft readiness monitor

USE ALARM project

automatic pattern recognition

USE pattern recognition

automatic picture transmission

automatic pilots

automatic repeat query

USE automatic repeat request

automatic repeat request

automatic request for retransmission

USE automatic repeat request

automatic rocket impact predictors

USE computerized simulation
impact prediction

automatic test equipment

automatic traffic advisory and resolution

automatic typewriters

automatic weather stations

automation

automation, office

USE office automation

automobile accidents

automobile engines

automobile fuels

automobiles

automobiles, electric

USE electric automobiles

automorphisms

autonomic nervous system

autonomous navigation

autonomous spacecraft clocks

autonomy

autopilots

USE automatic pilots

autopsies

autoradiography

autoregressive processes

autorotation

autotrophs

autumn

auxiliary equipment (computers)

USE peripheral equipment (computers)

auxiliary power sources

Auxiliary Power, Systems for Nuclear

USE SNAP

auxiliary power units, chemical

USE chemical auxiliary power units

auxiliary power units, nuclear
USE nuclear auxiliary power units

auxiliary power units, solar
USE solar auxiliary power units

auxiliary propulsion

AV-8A aircraft
USE Harrier aircraft

AV-8B aircraft
USE Harrier aircraft

availability

avalanche diodes

avalanche, electron
USE electron avalanche

avalanche, Townsend
USE Townsend avalanche

avalanche transit time devices, controlled
USE CATT devices

avalanche triggered transit, trapped plasma
USE TRAPATT devices

avalanches

AVCS
USE Advanced Vidicon Camera System (AVCS)

(AVCS), Advanced Vidicon Camera System
USE Advanced Vidicon Camera System (AVCS)

average

averaging method, Ritz
USE Ritz averaging method

AVHRR
USE Advanced Very High Resolution Radiometer

Avian 2/180 autogiro

aviation
USE aeronautics

aviation aircraft, general
USE general aviation aircraft

Aviation aircraft, Sud
USE Sud Aviation aircraft

aviation, civil
USE civil aviation

aviation, commercial
USE civil aviation
commercial aircraft

aviation meteorology

aviation, military
USE military aviation

aviation psychology

Aviation SA-321 helicopter, Sud
USE SA-321 helicopter

Aviation SA-330 helicopter, Sud
USE SA-330 helicopter

Aviation SE-210 aircraft, Sud
USE SE-210 aircraft

Aviation SE-3160 helicopter, Sud
USE SE-3160 helicopter

Aviation System, National
USE National Aviation System

Aviation Whitcomb airfoil, General
USE GAW-2 airfoil
GAW-1 airfoil

aviators
USE aircraft pilots

avionics

avionics integration laboratory, shuttle
USE SAIL project

avoidance

avoidance, collision
USE collision avoidance

avoidance, obstacle
USE obstacle avoidance

Avoidance System, Beacon Collision
USE Beacon Collision Avoidance System

avoidance, vortex
USE vortex avoidance

AVRO Whitworth HS-748 aircraft
USE HS-748 aircraft

AVRO 698 aircraft
USE Vulcan aircraft

AVRO 707 aircraft

AWACS aircraft

awards

Away Specials (STS), Get
USE Get Away Specials (STS)

AXAF
USE X Ray Astrophysics Facility

axes (coordinates)
USE coordinates

axes of rotation

axes (reference lines)

axial compression loads

axial compressors
USE turbocompressors

axial flow

axial flow compressors
USE turbocompressors

axial flow pumps

axial flow turbines

axial loads

axial modes

axial strain

axial stress

axioms

axis, aerodynamic
USE aerodynamic balance

axis, Earth
USE Earth axis

axis spectrometers, triple
USE neutron spectrometers

axis stabilization, three
USE three axis stabilization

axisymmetric bodies

axisymmetric deformation
USE axial strain

axisymmetric flow

axisymmetry
USE symmetry

axes
USE shafts (machine elements)

axons

AZ
USE Arizona

(AZ), Grand Canyon
USE Grand Canyon (AZ)

(AZ), Phoenix
USE Phoenix (AZ)

(AZ), Phoenix quadrangle
USE Phoenix quadrangle (AZ)

azeotropes

Azerbaijan

azide polymer, glycidyl
USE glycidyl azide polymer

azide, triaminoguanidinium
USE triaminoguanidinium azide

azides, hydrogen
USE hydrogen azides

azides (inorganic)

azides (organic)

azides, sodium
USE sodium azides

azimuth

azimuth, solar
USE azimuth
solar position

azines

azo compounds

azoles

azoles, carb
USE carbazoles

azoles, tetr
USE tetrazoles

Azores

Azotobacter

azulene

Azur satellite

A1 missile, Polaris
USE Polaris A1 missile

A2 missile, Polaris
USE Polaris A2 missile

A2, OAO-
USE OAO 2

A2F aircraft
USE A-6 aircraft

A3 missile, Polaris
USE Polaris A3 missile

A3D aircraft
USE A-3 aircraft

A3J aircraft
USE A-5 aircraft

A4D aircraft
USE A-4 aircraft

B

B

B
USE boron

B, AD/I
USE Explorer 25 satellite

B, Air Density/Injun Explorer
USE Explorer 25 satellite

B, Anik
USE Anik 2

B, Atmosphere Explorer
USE Explorer 32 satellite

B, BE
USE Explorer 22 satellite

B, Beacon Explorer
USE Explorer 22 satellite

B complex, vitamin
USE biotin

B, Earth Resources Technology Satellite
USE Landsat 2

B, Energetic Particle Explorer
USE Explorer 14 satellite

B, EOS-
USE Landsat F

B, EPE-
USE Explorer 14 satellite

B, ERTS-
USE Landsat 2

B, Geostationary Operati Environ Satellite
USE GOES 2

B, Gravity Probe
USE Gravity Probe B

B, HEAO
USE HEAO 2

B, Helios
USE Helios B

B, High Energy Astronomy Observatory
USE HEAO 2

B, IMP-
USE Explorer 21 satellite

B, ISIS-
USE ISIS-B

B launch vehicle, Atlas Agena
USE Atlas Agena B launch vehicle

B launch vehicle, RAM
USE RAM B launch vehicle

B, Lunar Orbiter
USE Lunar Orbiter 2

B missile, BOMARC
USE BOMARC B missile

B missile, Bullpup
USE Bullpup B missile

B, OGO-
USE OGO-3

B, OSO-
USE OSO-2

B, Radio Astronomy Explorer
USE Explorer 49 satellite

B, RAE
USE Explorer 49 satellite

B Ranger Program, Agena
USE Agena B Ranger Program

B reactors, KIWI
USE KIWI B reactors

B rocket vehicle, Agena
USE Agena B rocket vehicle

B satellite, AE-
USE Explorer 32 satellite

B satellite, Alouette
USE Alouette B satellite

B satellite, COS-
USE COS-B satellite

B satellite, EXOS-
USE EXOS-B satellite

B satellite, GEOS-
USE GEOS 2 satellite

B satellite, HEOS
USE HEOS B satellite

B satellite, MagSat
USE MagSat B satellite

B satellite, Palapa
USE Palapa 2 satellite

B satellite, SEASAT-
USE SEASAT-B satellite

B satellite, SIRS
USE SIRS B satellite

B, SIR-
USE Shuttle Imaging Radar

B, Space Shuttle mission 31-
USE Space Shuttle mission 31-B

B, Space Shuttle mission 41-
USE Space Shuttle mission 41-B

B, Space Shuttle mission 51-
USE Space Shuttle mission 51-B

B, Space Shuttle mission 61-
USE Space Shuttle mission 61-B

B spacecraft, Gemini
USE Gemini B spacecraft

B stars

B, Telesat Canada
USE Anik 2

B, vitamin
USE thiamine

B 2, vitamin
USE riboflavin

B 6, vitamin
USE pyridoxine

B 12, vitamin
USE cyanocobalamin

B-A-W devices
USE bulk acoustic wave devices

B-1 aircraft

B-1 Reactor, KIWI
USE KIWI B-1 Reactor

B-2 aircraft

B-4 Reactor, KIWI
USE KIWI B-4 Reactor

B-26 aircraft

B-47 aircraft

B-50 aircraft

B-52 aircraft

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B-57 aircraft

B-58 aircraft

B-66 aircraft

B-70 aircraft

B-103 aircraft
USE Buccaneer aircraft

B-103 aircraft, Blackburn
USE Buccaneer aircraft

Ba
USE barium

Ba-Cu-O superconductors, Y-
USE YBCO SUPERCONDUCTORS

babbitt metal

baboons

BAC aircraft

BAC TSR 2 aircraft
USE TSR-2 aircraft

BAC 111 aircraft

Bacillus

back injuries

backfire

backfire antennas

Background Explorer satellite, Cosmic
USE Cosmic Background Explorer satellite

background measurement, high alt target and
USE high alt target and background measurement

background noise

background radiation

Background sats, Galactic Radiation Exp
USE GREB satellites

backings
USE backups

backlobes

backpacks, reaction jet
USE self maneuvering units

backscatter UV spectrometer, solar
USE solar backscatter UV spectrometer

backscattering

backshores
USE beaches

backups

backward differencing

backward facing steps

backward wave tubes

backward waves

backwash

bacteria

bacteria, archae
USE archaeobacteria

bacterial diseases

bactericides

bacteriology

bacteriophages

badlands

baffles

bag restraint devices, air
USE air bag restraint devices

baggage

bags

bags, gas
USE gas bags

Bahamas

Bahrain

bailout

bainite

bainitic steel

Baja California
USE Lower California (Mexico)

bajadas
USE fans (landforms)

Bakelite (trademark)

bakeout
USE degassing

Baker-Nunn camera

baking

balance

balance, aerodynamic
USE aerodynamic balance

balance, drag
USE aerodynamic balance
lift drag ratio

balance equations
USE equations

balance, heat
USE heat balance

balance, mass
USE mass balance

balance, material
USE material balance

(balance), trim
USE aerodynamic balance

balance, water
USE water balance

balanced amplifiers
USE push-pull amplifiers

balances, counter
USE counterbalances

balances, micro
USE microbalances

balances, strain gage
USE strain gage balances

balances, thermo
USE thermobalances

balances, wind tunnel
USE weight indicators
wind tunnel apparatus

balancing

ball bearings

ball lightning

ballast

ballast (mass)

ballasts (impedances)

ballistic cameras

ballistic missile decoys

Ballistic Missile Early Warning System

ballistic missile submarines

ballistic missiles

ballistic missiles, field army
USE field army ballistic missiles

ballistic missiles, fleet
USE fleet ballistic missiles

ballistic missiles, intercontinental
USE intercontinental ballistic missiles

ballistic missiles, intermediate range
USE intermediate range ballistic missiles

ballistic missiles, short range
USE short range ballistic missiles

ballistic ranges

ballistic trajectories

ballistic vehicles

ballistics

ballistics, hydro
USE hydroballistics

ballistics identification, rapid
USE rapid ballistics identification

ballistics, interior
USE interior ballistics

ballistics, penetration
USE terminal ballistics

ballistics, terminal
USE terminal ballistics

ballistocardiography

balloon flight

balloon sounding

balloon-borne instruments

ballooning modes

balloons

balloons, constant volume
USE superpressure balloons

balloons, high altitude
USE high altitude balloons

balloons, jimsphere
USE jimsphere balloons

balloons, kite
USE tethered balloons

balloons, meteorological
USE meteorological balloons

balloons, micro
USE microballoons

balloons, ROBIN
USE ROBIN balloons

balloons, skyhook
USE skyhook balloons

balloons, superpressure
USE superpressure balloons

balloons, tethered
USE tethered balloons

balls

balls, fire
USE fireballs

ballutes

Balmer series

balsa

Baltic sea

Baltic Shield (Europe)

Banach space

band, Bloch
USE Bloch band

band, broad
USE broadband

band, C
USE C band

band cameras, multispectral
USE multispectral band cameras

band, error
USE accuracy

band, K
USE extremely high frequencies

band, KA
USE extremely high frequencies

band, KU
USE superhigh frequencies

band, L
USE ultrahigh frequencies

band, P
USE P band

band radiometers, passive L-
USE passive L-band radiometers

band ratioing

band, S
USE ultrahigh frequencies
superhigh frequencies

band scanners, multispectral
USE multispectral band scanners

band structure of solids

band, unified S
USE unified S band

band, V
USE extremely high frequencies

band, X
USE superhigh frequencies

bandgap
USE energy gaps (solid state)

bandpass filters

bands

bands, absorption
USE absorption spectra

bands, conduction
USE conduction bands

bands, energy
USE energy bands

bands, forbidden

bands, forbidden
USE forbidden bands

bands, frequency
USE frequencies

bands, Herzberg
USE Herzberg bands

bands, low frequency
USE low frequency bands

bands, Luder
USE plastic deformation
yield point

bands, photoluminescent
USE photoluminescent bands

bands, Schumann-Runge
USE Schumann-Runge bands

bands, side
USE sidebands

bands, slip
USE edge dislocations

bands, spectral
USE spectral bands

bands, Swan
USE Swan bands

bands, Vegard-Kaplan
USE Vegard-Kaplan bands

bandstop filters

bandwidth

bang control, bang-
USE off-on control

bang cosmology, big
USE big bang cosmology

bang-bang control
USE off-on control

Bangladesh

Bank Observatory, Jodrell
USE Jodrell Bank Observatory

banking flight
USE turning flight

Banks (NC), Outer
USE Outer Banks (NC)

Barany chair

Barbados

Barbuda, Antigua and
USE Antigua and Barbuda

barchans
USE dunes

Bardeen approximation
USE electrical properties
barrier layers
surface properties

Bardeen-Cooper-Schrieffer theory
USE BCS theory

Barents Sea

barite

barium

barium alloys

barium compounds

barium ferrates

barium fluorides

barium ion clouds

barium isotopes

barium oxides

barium sulfides

barium titanates

barium zirconates

Barkhausen effect

barley

baroclinic instability

baroclinic waves

baroclinity

barometers

barometric pressure
USE atmospheric pressure

baroreceptors

barotrauma

barotropic flow

barotropism

barrages

barred galaxies

barrels

barrels (containers)

barren land

barrens
USE barren land

barricades
USE barriers

barrier, blood-brain
USE blood-brain barrier

barrier clothing, vapor
USE vapor barrier clothing

barrier diodes, Schottky
USE Schottky diodes

barrier injection transit time diodes
USE Barritt diodes

barrier layers

barrier, sound
USE acoustic velocity

barrier-metal junctions, metal-
USE MBM junctions

barriers

barriers, electrode film
USE electrode film barriers

(barriers), fences
USE fences (barriers)

barriers (landforms)

barriers (plasma control), thermal
USE thermal barriers (plasma control)

Barritt diodes

bars

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bars, elastic
USE elastic bars

bars (landforms)

bars, prismatic
USE prismatic bars

barycenter
USE center of gravity

baryon resonance

baryons

basalt

base equilibrium, acid
USE acid base equilibrium

base flow

base heating

base interferometry, very long
USE very long base interferometry

base, Lewis
USE Lewis base

base management systems, data
USE data base management systems

base pressure

base propellants, double
USE double base propellants

base rocket propellants, double
USE double base rocket propellants

baseband compression, speech
USE speech baseband compression

based control, ground
USE ground based control

based energy, hydrogen-
USE hydrogen-based energy

based equipment, lunar
USE lunar based equipment

based radar, space
USE space based radar

based), space surveillance (ground
USE space surveillance (ground based)

based systems, knowledge
USE knowledge based systems

Baseline Array (VLBA), Very Long
USE Very Long Baseline Array (VLBA)

basements

bases

bases, aircraft
USE military air facilities

bases (artificial intelligence), knowledge
USE knowledge bases (artificial intelligence)

bases (chemical)

bases, data
USE data bases

bases (foundations)
USE foundations

bases, launching
USE launching bases

bases, lunar
USE lunar bases

bases, numerical data
USE numerical data bases

bases, planetary
USE planetary bases

bases, Schiff
USE imines

bases, space
USE space bases

BASIC (programming language)

Basin (Africa), Kalahari
USE Kalahari Basin (Africa)

Basin (AK), Chena River
USE Chena River Basin (AK)

Basin (CA), Feather River
USE Feather River Basin (CA)

Basin (ID-OR-WA), Columbia River
USE Columbia River Basin (ID-OR-WA)

Basin (IL-IN-OH), Wabash River
USE Wabash River Basin (IL-IN-OH)

Basin (LA), Atchafalaya River
USE Atchafalaya River Basin (LA)

Basin (MD-NY-PA), Susquehanna River
USE Susquehanna River Basin (MD-NY-PA)

Basin (North America), Williston
USE Williston Basin (North America)

Basin (NY-VT), Lake Champlain
USE Lake Champlain Basin (NY-VT)

Basin (US), Delaware River
USE Delaware River Basin (US)

Basin (US), Great
USE Great Basin (US)

Basin (US), Missouri River
USE Missouri River Basin (US)

basins
USE structural basins

basins, closed
USE structural basins

basins (containers)

basins, river
USE river basins

basins, structural
USE structural basins

baskets

bastnasite

batch processing

bathing

batholiths

baths

baths, salt
USE salt baths

bathymeters

bathymetry
USE bathymeters

bathythermographs

bats

batteries
USE electric batteries

batteries, alkaline
USE alkaline batteries

batteries, atomic
USE radioisotope batteries

batteries, cadmium nickel
USE nickel cadmium batteries

batteries, cadmium silver
USE silver cadmium batteries

batteries, electric
USE electric batteries

batteries, lead acid
USE lead acid batteries

batteries, lithium sulfur
USE lithium sulfur batteries

batteries, metal air
USE metal air batteries

batteries, nickel cadmium
USE nickel cadmium batteries

batteries, nickel hydrogen
USE nickel hydrogen batteries

batteries, nickel iron
USE nickel iron batteries

batteries, nickel zinc
USE nickel zinc batteries

batteries, primary
USE primary batteries

batteries, radioisotope
USE radioisotope batteries

batteries, secondary
USE storage batteries

batteries, silver cadmium
USE silver cadmium batteries

batteries, silver hydrogen
USE silver hydrogen batteries

batteries, silver oxide zinc
USE silver zinc batteries

batteries, silver zinc
USE silver zinc batteries

batteries, sodium sulfur
USE sodium sulfur batteries

batteries, storage
USE storage batteries

batteries, thermal
USE thermal batteries

batteries, zinc nickel
USE nickel zinc batteries

batteries, zinc silver
USE silver zinc batteries

batteries, zinc silver oxide
USE silver zinc batteries

batteries, zinc-bromide
USE zinc-bromide batteries

batteries, zinc-chlorine
USE zinc-chlorine batteries

batteries, zinc-oxygen
USE zinc-oxygen batteries

battery chargers

battery separators
USE separators

Bauschinger effect

bauxite

Bay (CA), Monterey
USE Monterey Bay (CA)

Bay (CA), San Francisco
USE San Francisco Bay (CA)

Bay (CA), San Pablo
USE San Pablo Bay (CA)

Bay (Canada), Hudson
USE Hudson Bay (Canada)

bay ice

Bay (MI), Saginaw
USE Saginaw Bay (MI)

Bay (US), Chesapeake
USE Chesapeake Bay (US)

Bay (US), Delaware
USE Delaware Bay (US)

Bayard-Alpert ionization gages

Bayes theorem

Bayesian statistics
USE Bayes theorem

bayous

bays

bays (structural units)

bays (topographic features)

BBGKY hierarchy

BCAS
USE Beacon Collision Avoidance System

BCC lattices
USE body centered cubic lattices

BCH codes

BCS theory

Be
USE beryllium

BE A
USE Beacon Explorer A

BE B
USE Explorer 22 satellite

BE C
USE Explorer 27 satellite

BE-3 engine

beaches

Beacon Collision Avoidance System

Beacon Explorer A

Beacon Explorer B
USE Explorer 22 satellite

Beacon Explorer C
USE Explorer 27 satellite

beacon ionospheric sounder, orbiting radio
USE ORBIS

beacon, polar ionosphere
USE Beacon satellites

Beacon satellites

beacon system, discrete address
USE discrete address beacon system

beacons

beacons, airport
USE airport beacons

beacons, racon

beacons, racon
USE radar beacons

beacons, radar
USE radar beacons

beacons, radio
USE radio beacons

beads

Beagle aircraft

beam currents

beam defocusing, laser
USE thermal blooming

beam epitaxy, molecular
USE molecular beam epitaxy

beam forming
USE beamforming

beam injection

beam interactions

beam interval scanners, multiple
USE multiple beam interval scanners

beam landing system, microwave scanning
USE microwave scanning beam landing system

beam leads

beam neutralization

beam plasma amplifiers

beam reactors, high flux
USE high flux beam reactors

beam rider guidance

beam splitters

beam switching

beam vidicons, return
USE return beam vidicons

beam waveguides

beam welding, electron
USE electron beam welding

beamed power
USE power beaming

beamforming

beaming, laser power
USE laser power beaming

beaming, microwave power
USE microwave power beaming

beaming, power
USE power beaming

beams

beams, atomic
USE atomic beams

beams, box
USE box beams

beams, cantilever
USE cantilever beams

beams, curved
USE curved beams

beams, electron
USE electron beams

beams, gamma ray
USE gamma ray beams

beams, I
USE I beams

beams, ion
USE ion beams

beams, laser
USE laser beams

beams, light
USE light beams

beams, micro
USE microbeams

beams, molecular
USE molecular beams

beams, neutral
USE neutral beams

beams, neutrino
USE neutrino beams

beams, neutron
USE neutron beams

beams, particle
USE particle beams

beams, pencil
USE pencil beams

beams, phonon
USE phonon beams

beams, photon
USE photon beams

beams, pion
USE pion beams

beams, proton
USE proton beams

beams, radar
USE radar beams

beams (radiation)

beams, rectangular
USE rectangular beams

beams, relativistic electron
USE relativistic electron beams

beams, structural
USE beams (supports)

beams (supports)

beams, Timoshenko
USE Timoshenko beams

beamshaping
USE beamforming

bearing

bearing alloys

bearing (direction)

bearingless rotors

bearings

bearings, air
USE gas bearings

bearings, antifriction
USE antifriction bearings

bearings, ball
USE ball bearings

bearings, foil
USE foil bearings

bearings, gas
USE gas bearings

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bearings, gas lubricated
USE gas bearings

bearings, journal
USE journal bearings

bearings, liquid
USE liquid bearings

bearings, magnetic
USE magnetic bearings

bearings, needle
USE needle bearings

bearings, roller
USE roller bearings

bearings, thrust
USE thrust bearings

bears

beat
USE synchronism

beat frequencies

Beaufort Sea (North America)

Beaver aircraft, DHC
USE DHC 2 aircraft

bed processors, fluidized
USE fluidized bed processors

bed reactors, pebble
USE pebble bed reactors

bed rest

bedding equipment

bediasites

bedrock

beds

beds (geology)

beds, lake
USE beds (geology)

beds (process engineering)

beds, salt
USE salt beds

beds, test
USE test stands

bedstead aircraft, flying
USE flying platforms

Beech aircraft
USE Beechcraft aircraft

Beech C-33 aircraft
USE C-33 aircraft

Beech S-35 aircraft
USE C-35 aircraft

Beech 99 aircraft

Beechcraft aircraft

Beechcraft 18 aircraft

Beer law

bees

beetles

beets, sugar
USE sugar beets

behavior

behavior, group
USE group dynamics

behavior, human
USE human behavior

Behavioral Lab Measur System, Integ Med and
USE IMBLMS

beings, human
USE human beings

Belarus

Belfast aircraft
USE SC-5 aircraft

Belfast C MK-1 aircraft, Short
USE SC-5 aircraft

Belgian Congo
USE Zaire

Belgian space program

Belgium

Belize

Bell aircraft

Bell 214A helicopter

Bellman theory

bellows

bells

belt, inner radiation
USE inner radiation belt

belt, outer radiation
USE outer radiation belt

belt, terrestrial dust
USE terrestrial dust belt

Beltrami equation, Stokes-
USE Stokes-Beltrami equation

Beltrami flow

belts

belts, artificial radiation
USE artificial radiation belts

belts, asteroid
USE asteroid belts

belts, proton
USE proton belts

belts, radiation
USE radiation belts

belts, Rouse
USE Rouse belts

belts, seat
USE seat belts

belts, Van Allen radiation
USE radiation belts

Benard cells

Benard convection, Rayleigh-
USE Rayleigh-Benard convection

benches
USE seats

bend tests

bending

bending, brakes (forming or
USE brakes (forming or bending)

bending diagrams

bending, elastic
USE elastic bending

bending fatigue

bending moments

bending theory

bending vibration

bends (physiology)
USE decompression sickness

bends, U
USE U bends

beneficiation

Benin

bentonite

benzene

benzene poisoning

benzenes, chloro
USE chlorobenzenes

benzenes, nitro
USE nitrobenzenes

benzilic acid

benzoic acid

benzoquinone
USE quinones

Berenice rocket vehicle

Bergman operator

Bering Sea

berkelium

Bermuda

Bernoulli equation
USE Bernoulli theorem

Bernoulli theorem

Bernstein energy principle

beryl

beryllium

beryllium alloys

beryllium borohydrides

beryllium chlorides

beryllium compounds

beryllium fluorides

beryllium hydrides

beryllium isotopes

beryllium nitrides

beryllium oxides

beryllium poisoning

beryllium 7

beryllium 9

beryllium 10

BESS (satellite)

Bessel functions

Bessel transformations, Fourier-
USE Fourier-Bessel transformations

Bessel-Bredichin theory

beta factor

beta interactions
USE weak interactions (field theory)

beta line, H
USE H beta line

beta particles

beta radiation, Lyman
USE Lyman beta radiation

betaines

betatrons

Bethe-Heitler formula

Bethe-Salpeter equation

between failures, mean time
USE MTBF

bevatron

beverages

BGK model

Bhatnagar-Grass-Krook model
USE BGK model

Bhutan

Bi
USE bismuth

Bi-Sr-Ca-Cu-O superconductors
USE BSCCO superconductors

bias

bias, response
USE response bias

bibliographies

bicarbonates
USE carbonates

bicrystals

bicycle

bidirectional reflectance

Biesbroeck star, Van
USE Van Biesbroeck star

bifurcation (biology)

bifurcation (mathematics)
USE branching (mathematics)

big bang cosmology

Big Shot project

Bighorn Mountains (MT-WY)

bights
USE bays (topographic features)

biharmonic equations

billets

bimetals

bimetric theories

binaries, x ray

binaries, x ray
USE x ray binaries

binary alloys

binary codes

binary converters, decimal to
USE decimal to binary converters

binary data

binary digits

binary fluids

binary integration

binary mixtures

binary phase shift keying

binary stars

binary stars, eclipsing
USE eclipsing binary stars

binary summators
USE adding circuits

binary systems (digital)
USE digital systems

binary systems (materials)

binary to decimal converters

binaural hearing

binders (adhesives)
USE adhesives

binders (materials)

binders, propellant
USE propellant binders

binders, solid rocket
USE solid rocket binders

binding

binding energy, nuclear
USE nuclear binding energy

binocular vision

binoculars

binomial coefficients

binomial theorem

binomials

bioacoustics

bioassay

Bioastronautical Orbital Space System

bioastronautics

biochemical fuel cells

biochemical oxygen demand

biochemistry

bioclimatology
USE biometeorology

biocompatibility

biocontrol systems

biocconversion

biodegradability

biodegradation

biodynamics

bioelectric potential

bioelectricity

bioengineering

biofeedback

bioflavonoids

biogenesis
USE biological evolution

biogeny

biogeochemistry

biography

bioinstrumentation

biological activity
USE activity (biology)

biological analysis
USE bioassay

biological, body temperature (non-
USE temperature

biological cells
USE cells (biology)

biological, cellular materials (non
USE foams

biological clocks
USE rhythm (biology)

biological effectiveness (RBE), relative
USE relative biological effectiveness (RBE)

biological effects

biological evolution

biological models
USE bionics

biological models (mathematics)

biological rhythm
USE rhythm (biology)

biological, skin temperature (non-
USE skin temperature (non-biological)

biology

(biology), activation
USE activation (biology)

(biology), activity
USE activity (biology)

(biology), activity cycles
USE activity cycles (biology)

biology, aero
USE aerobiology

(biology), aging
USE aging (biology)

(biology), bifurcation
USE bifurcation (biology)

(biology), body composition
USE body composition (biology)

(biology), body measurement
USE body measurement (biology)

(biology), body size
USE body size (biology)

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(biology), body volume
USE body volume (biology)

(biology), cell membranes
USE cell membranes (biology)

(biology), cells
USE cells (biology)

(biology), complement
USE complement (biology)

(biology), desynchronization
USE desynchronization (biology)

(biology), differentiation
USE differentiation (biology)

biology, exo
USE exobiology

(biology), fatigue
USE fatigue (biology)

(biology), flight stress
USE flight stress (biology)

(biology), hybrids
USE genetic engineering

(biology), implanted electrodes
USE implanted electrodes (biology)

(biology), information processing
USE information processing (biology)

(biology), ingestion
USE ingestion (biology)

(biology), life
USE life sciences

biology, marine
USE marine biology

biology, micro
USE microbiology

biology, molecular
USE molecular biology

(biology), motor systems
USE efferent nervous systems

biology, paleo
USE paleobiology

(biology), periodicity
USE rhythm (biology)

biology, proto
USE protobiology

biology, radio
USE radiobiology

(biology), regulatory mechanisms
USE regulatory mechanisms (biology)

(biology), reproduction
USE reproduction (biology)

(biology), rhythm
USE rhythm (biology)

(biology), skin temperature
USE skin temperature (biology)

biology, space
USE exobiology

(biology), stress
USE stress (biology)

(biology), tissues
USE tissues (biology)

bioluminescence

biomagnetism

biomass

biomass energy production

biomechanics
USE biodynamics

biomedical data

Biomedical Experiment Scientific Satellite
USE BESS (satellite)

biometeorology

biometrics

bionics

biopaks

biophysics

biopolymer denaturation

biopolymers

(biopolymers), denaturation
USE biopolymer denaturation

bioprocessing

bioreactors

bioregeneration
USE regeneration (physiology)

bioregenerative life support systems
USE closed ecological systems

biorhythms
USE rhythm (biology)

BIOS project

Biosatellite 1

Biosatellite 2

Biosatellite 3

biosatellites

biosensors
USE bioinstrumentation

biosimulation
USE bionics

biosphere

Biosphere program, International Geosphere-
USE International Geosphere-Biosphere program

biosynthesis

Biot method

Biot number

biotechnology

biotelemetry

biotics, anti
USE antibiotics

biotin

biotite

biphase shift keying
USE binary phase shift keying

biphenyls, polybrominated
USE polybrominated biphenyls

biphenyls, polychlorinated
USE polychlorinated biphenyls

biplanes

bipolar transistors

bipolarity

bipropellants
USE liquid rocket propellants

Bird satellites, Early
USE Early Bird satellites

bird-aircraft collisions

birds

birefringence

birefringent coatings

birefringent filters

Birkeland currents

birth

bismaleimide

bismuth

bismuth alloys

bismuth compounds

bismuth isotopes

bismuth oxides

bismuth sulfides

bismuth tellurides

bismuth 205
USE bismuth isotopes

bisphenols

bistability, optical
USE optical bistability

bistable amplifiers
USE flip-flops

bistable circuits

bistatic radar
USE multistatic radar

bistatic reflectivity

bit error rate

bit synchronization

biternary code

bits

bits, drill
USE drill bits

bitumens

bivariate analysis

Bk
USE berkelium

BL lacertae objects

black and white photography

Black Arrow launch vehicle
USE Black Knight rocket vehicle

black body radiation

Black Brant sounding rockets

Black Brant 1 sounding rocket

Black Brant 2 sounding rocket

Black Brant 3 sounding rocket

Black Brant 4 sounding rocket

Black Brant 5 sounding rocket

Black Hawk assault helicopter
USE H-60 Helicopter

Black Hills (SD-WY)

black holes (astronomy)

Black Knight rocket vehicle

black, platinum
USE platinum black

Black Sea

Blackbird aircraft
USE SR-71 aircraft

Blackburn B-103 aircraft
USE Buccaneer aircraft

blackout

blackout, ionospheric
USE blackout (propagation)

blackout (physiology)

blackout, polar radio
USE polar radio blackout

blackout prevention

blackout (propagation)

bladder

bladders, expulsion
USE expulsion bladders

bladders (mechanics)
USE diaphragms (mechanics)

blade interaction, vortex-
USE blade-vortex interaction

blade slap
USE blade-vortex interaction

blade slap noise

blade tips

blade-vortex interaction

blades

blades, compressor
USE compressor blades

blades (cutters)

blades, fan
USE fan blades

blades, hinged rotor
USE hinges
rotary wings

blades, impeller
USE rotor blades (turbomachinery)

blades, propeller
USE propeller blades

blades, razor
USE razor blades

blades, rotor
USE rotor blades

blades, stator
USE stator blades

blades, turbine
USE turbine blades

blades, turbomachine

blades, turbomachine
USE turbomachine blades

blades (turbomachinery), rotor
USE rotor blades (turbomachinery)

blankets

blankets (fission reactors)

blankets (fusion reactors)

blankets, solar
USE solar blankets

blanking

blanking (cutting)

blanks

Blasius equation

Blasius flow

blast deflectors

blast effects, jet
USE jet blast effects

blast loads

blast nuclear radiation, post-
USE post-blast nuclear radiation

blastoff
USE rocket launching

blasts

blasts, air
USE aerial explosions

Blattidae
USE cockroaches

blazars

bleaching

bleed-off
USE pressure reduction

bleeding

blends
USE mixtures

blends, polymer
USE polymer blends

blight

blind landing

blindness

blindness, flash
USE flash blindness

blinds

blinking

blisters

Bloch band

block copolymers

block diagrams

Block Island Sound (RI)

block 3 television system, Ranger
USE Ranger block 3 television system

blocking

blocking agents, cholinergic
USE anticholinergics

blocks

Blodgett films, Langmuir-
USE Langmuir-Blodgett films

bloedite

blood

blood cells

blood cells, red
USE erythrocytes

blood cells, white
USE leukocytes

blood circulation

blood coagulation

(blood), corpuscles
USE blood cells

blood flow

blood groups

blood plasma

blood pressure

blood pumps

blood vessels

blood volume

blood-brain barrier

blooded animals, cold
USE poikilothermia

blooded animals, warm
USE homeotherms

bloom, algal
USE algae

bloom, plankton
USE plankton

blooming, thermal
USE thermal blooming

blowdown wind tunnels

blowers

blowing

blowing, spanwise
USE spanwise blowing

blowing, under surface
USE under surface blowing

blowing, upper surface
USE upper surface blowing

blown flaps
USE externally blown flaps

blown flaps, externally
USE externally blown flaps

blown flaps, upper surface
USE upper surface blown flaps

blowoff (combustion)
USE flameout

blowouts

Blue Goose missile

blue green algae

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blue, methylene
USE methylene blue

Blue Scout rocket vehicle

blue stars

Blue Steel missile

Blue Streak launch vehicle

Blue Streak missile

blueprints

bluff bodies

bluffs (landforms)
USE cliffs

blunt bodies

blunt leading edges

blunt trailing edges

blurring

BMC
USE bone mineral content

BMEWS
USE Ballistic Missile Early Warning System

BO-105 helicopter

boards, circuit
USE circuit boards

boards, computer bulletin
USE electronic bulletin boards

boards, control
USE control boards

boards, electronic bulletin
USE electronic bulletin boards

boards (paper)

boats

boats, hydrofoil
USE hydrofoil craft

boattails

BOD
USE biochemical oxygen demand

Bodewadt flow, Karman-
USE Karman-Bodewadt flow

bodies

bodies, after
USE afterbodies

bodies, anti
USE antibodies

bodies, axisymmetric
USE axisymmetric bodies

bodies, bluff
USE bluff bodies

bodies, blunt
USE blunt bodies

bodies, celestial
USE celestial bodies

bodies, center
USE centerbodies

bodies, conical
USE conical bodies

bodies, cylindrical
USE cylindrical bodies

bodies, ducted
USE ducted bodies

bodies, elastic
USE elastic bodies

bodies, finned
USE finned bodies

bodies, flared
USE flared bodies

bodies, flexible
USE flexible bodies

bodies, fore
USE forebodies

bodies, foreign
USE foreign bodies

bodies, hemisphere cylinder
USE hemisphere cylinder bodies

bodies, inelastic
USE rigid structures

bodies, lenticular
USE lenticular bodies

bodies, lifting
USE lifting bodies

bodies, maneuverable reentry
USE maneuverable reentry bodies

bodies, Maxwell
USE Maxwell bodies

bodies, missile
USE missile bodies

bodies of revolution

bodies, parabolic
USE parabolic bodies

bodies, plastic
USE plastic bodies

bodies, pyramidal
USE pyramidal bodies

bodies, reentry
USE reentry vehicles

bodies, rigid
USE rigid structures

bodies, rotating
USE rotating bodies

bodies, shrouded
USE shrouds

bodies, slender
USE slender bodies

bodies, streamlined
USE streamlined bodies

bodies, submerged
USE submerged bodies

bodies, symmetrical
USE symmetrical bodies

bodies, thin
USE thin bodies

bodies, three dimensional
USE three dimensional bodies

bodies, towed
USE towed bodies

bodies, two dimensional
USE two dimensional bodies

body, carotid sinus
USE carotid sinus body

body centered cubic lattices

body composition (biology)

body fluids

body, human
USE human body

body interactions, rotor
USE rotor body interactions

body kinematics

body, M-2 lifting
USE M-2 lifting body

body, M-2F2 lifting
USE M-2F2 lifting body

body, M-2F3 lifting
USE M-2F3 lifting body

body, Mark 1 reentry
USE Mark 1 reentry body

body, Mark 2 reentry
USE Mark 2 reentry body

body, Mark 3 reentry
USE Mark 3 reentry body

body, Mark 4 reentry
USE Mark 4 reentry body

body, Mark 5 reentry
USE Mark 5 reentry body

body, Mark 6 reentry
USE Mark 6 reentry body

body, Mark 11 reentry
USE Mark 11 reentry body

body, Mark 12 reentry
USE Mark 12 reentry body

body, Mark 17 reentry
USE Mark 17 reentry body

body measurement (biology)

body negative pressure, lower
USE lower body negative pressure

body orbits, two
USE two body problem

body problem, four
USE four body problem

body problem, many
USE many body problem

body problem, N-
USE many body problem

body problem, three
USE three body problem

body problem, two
USE two body problem

body radiation, black
USE black body radiation

body size (biology)

body sway test

body temperature

body temperature (non-biological)
USE temperature

body temperature regulation
USE thermoregulation

body volume (biology)

body weight

body-wing and tail configurations

body-wing configurations

Boeing aircraft

Boeing military aircraft
USE military aircraft

Boeing 707 aircraft

Boeing 720 aircraft

Boeing 727 aircraft

Boeing 733 aircraft

Boeing 737 aircraft

Boeing 747 aircraft

Boeing 747B aircraft
USE E-4A aircraft

Boeing 757 aircraft

Boeing 767 aircraft

Boeing 2707 aircraft

Bogolubov theory

bogs
USE marshlands

Bohr magneton

Bohr theory

boiler plate

Boiler Reactor, Los Alamos Water
USE Los Alamos Water Boiler Reactor

boilers

boiling

boiling, film
USE film boiling

boiling, nucleate
USE nucleate boiling

Boiling Water Reactor, Halden
USE Halden Boiling Water Reactor

boiling water reactors

boiling water reactors, experimental
USE experimental boiling water reactors

Bokkeveld meteorite, Cold
USE Cold Bokkeveld meteorite

bolides

Bolivia

Bolkow aircraft

boll weevils

bollworms

bolograms
USE bolometers

bolometers

bolted joints

bolts

bolts, rock
USE rock bolts

Boltzmann density function, Maxwell-
USE Maxwell-Boltzmann density function

Boltzmann distribution

Boltzmann distribution

Boltzmann law, Stefan-
USE Stefan-Boltzmann law

Boltzmann transport equation

Boltzmann-Vlasov equation

Bolza problems

BOMARC A missile

BOMARC B missile

BOMARC missiles

bomb calorimeters

bombardment

bombardment, electron
USE electron bombardment

bomber aircraft

bomber, Canberra
USE B-57 aircraft

bomber, shackleton
USE shackleton bomber

bomber, stealth
USE B-2 aircraft

bombing equipment

bombs

bombs, atomic
USE fission weapons

bombs, hydrogen
USE fusion weapons

bombs (ordnance)

bombs (pressure gages)
USE pressure gages

bombs (samplers)
USE samplers

Bonanza aircraft
USE C-35 aircraft

bond graphs

bond testers, Fokker
USE adhesion tests

bonded joints

bonded propellants, case
USE case bonded propellants

bonding

bonding, adhesive
USE adhesive bonding

bonding, ceramic
USE ceramic bonding

bonding, diffusion
USE diffusion welding

bonding, electrostatic
USE electrostatic bonding

bonding, inertia
USE inertia bonding

bonding, metal
USE metal bonding

bonding, metal-metal
USE metal-metal bonding

bonding, reaction
USE reaction bonding

bonding, resin
USE resin bonding

bondlines
USE bonded joints

Bondoc meteorite

bonds, chemical
USE chemical bonds

bonds, covalent
USE covalent bonds

bonds, hydrogen
USE hydrogen bonds

bonds, molecular
USE chemical bonds

bone demineralization

bone marrow

bone mineral content

bones

Bonne projection

books, hand
USE handbooks

books, text
USE textbooks

Boolean algebra

Boolean functions

boom

booms (equipment)

booms, sonic
USE sonic booms

boost
USE acceleration (physics)

boost motors, apogee
USE apogee boost motors

boost propulsion system, post
USE post boost propulsion system

booster, Pegasus air-launched
USE Pegasus air-launched booster

booster recovery

booster rocket engines

booster rocket engines, Nike
USE Nike booster rocket engines

booster rockets

boosters

boosters, air breathing
USE air breathing boosters

boosters (explosives)

boosters, rocket
USE booster rocket engines

boosters, shuttle
USE Space Shuttle boosters

boosters, Space Shuttle
USE Space Shuttle boosters

boosters (space shuttle), solid rocket
USE Space Shuttle boosters

boosters (Space Shuttle), solid rocket
USE Space Shuttle boosters

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boosters), SRB (solid rocket
USE Space Shuttle boosters

boostglide vehicles

boots (footwear)

Boral

borane, di
USE diborane

borane, hydrazine
USE hydrazine borane

boranes

borates

borates, lithium
USE lithium borates

Borazon (trademark)
USE boron nitrides

borders

Bordoni peaks

Borealis constellation, Corona
USE Corona Borealis constellation

Borealis stars, R Coronae
USE R Coronae Borealis stars

boredom

boreholes

Borel sets

bores
USE cavities

borescopes
USE endoscopes

boresight error

boresights

boric acids

borides

borides, chromium
USE chromium borides

borides, titanium
USE titanium borides

boring machines

Born approximation

Born-Infeld theory

Born-Mayer equation
USE Born approximation

Born-Oppenheimer approximation

borne instruments, balloon-
USE balloon-borne instruments

borne instruments, rocket-
USE rocket-borne instruments

borne instruments, satellite-
USE satellite-borne instruments

borne photography, rocket-
USE rocket-borne photography

borne photography, satellite-
USE satellite-borne photography

borne radar, satellite-
USE satellite-borne radar

borohydrides

borohydrides, aluminum
USE aluminum borohydrides

borohydrides, beryllium
USE beryllium borohydrides

boron

boron alloys

boron carbides

boron chlorides

boron composites, aluminum
USE aluminum boron composites

boron compounds

boron compounds, organic
USE organic boron compounds

boron fibers

boron fluorides

boron hydrides

boron isotopes

boron nitrides

boron oxides

boron phosphides

boron reinforced materials

boron trifluoride
USE boron fluorides

boron 10

boron-epoxy composites

borosilicate glass

Borsic (tradename)

Bose geometry

Bose-Chaudhuri-Hocquenghem codes
USE BCH codes

Bose-Einstein statistics
USE quantum statistics

boson fields

bosons

botany

(botany), brush
USE brush (botany)

(botany), cortexes
USE cortexes (botany)

botany, geo
USE geobotany

(botany), plants
USE plants (botany)

(botany), rusts
USE rust fungi

(botany), scrubs
USE brush (botany)

Botswana

bottles

bottom, ocean
USE ocean bottom

botulinum, Clostridium
USE Clostridium botulinum

Bouguer law

boules

boundaries

boundaries, fluid
USE fluid boundaries

boundaries, free
USE free boundaries

boundaries, grain
USE grain boundaries

boundaries, jet
USE jet boundaries

boundary conditions

boundary, Cretaceous-Tertiary
USE Cretaceous-Tertiary boundary

boundary detection (imagery)
USE edge detection

boundary element method

boundary integral method

boundary, K-T
USE Cretaceous-Tertiary boundary

boundary layer, atmospheric
USE atmospheric boundary layer

boundary layer combustion

boundary layer, compressible
USE compressible boundary layer

boundary layer control

boundary layer control, porous
USE porous boundary layer control

boundary layer equations

boundary layer flow

boundary layer, hypersonic
USE hypersonic boundary layer

boundary layer, incompressible
USE incompressible boundary layer

boundary layer, laminar
USE laminar boundary layer

boundary layer noise
USE boundary layers
aerodynamic noise

boundary layer, planetary
USE planetary boundary layer

boundary layer plasmas

boundary layer separation

boundary layer separation, laminar
USE laminar boundary layer

boundary layer separation, laminar
USE boundary layer separation

boundary layer stability

boundary layer, thermal
USE thermal boundary layer

boundary layer, three dimensional
USE three dimensional boundary layer

boundary layer transition

boundary layer, turbulent
USE turbulent boundary layer

boundary layer, two dimensional
USE two dimensional boundary layer

boundary layers

boundary layers, supersonic
USE supersonic boundary layers

boundary lubrication

boundary value problems

Bourdon tubes

Boussinesq approximation

bow shock waves
USE shock waves

bow waves

bows

bows, rain
USE rainbows

box beams

boxes

boxes (containers)

boxes, Skinner
USE Skinner boxes

BPSK
USE binary phase shift keying

Br
USE bromine

brackets

bradycardia

Bragg angle

Bragg cells

Bragg curve

Bragg reflector lasers, distributed
USE DBR lasers

braided composites

braille

brain

brain barrier, blood-
USE blood-brain barrier

brain circulation

brain damage

brain stem

brakes

brakes, aerodynamic
USE aerodynamic brakes

brakes, aircraft
USE aircraft brakes

brakes (for arresting motion)

brakes (forming or bending)

brakes, wheel
USE wheel brakes

braking

braking, aero
USE aerobraking

branch stars, asymptotic giant
USE asymptotic giant branch stars

branch stars, horizontal

branch stars, horizontal
USE horizontal branch stars

branching (mathematics)

branching (physics)

Brant sounding rockets, Black
USE Black Brant sounding rockets

Brant 1 sounding rocket, Black
USE Black Brant 1 sounding rocket

Brant 2 sounding rocket, Black
USE Black Brant 2 sounding rocket

Brant 3 sounding rocket, Black
USE Black Brant 3 sounding rocket

Brant 4 sounding rocket, Black
USE Black Brant 4 sounding rocket

Brant 5 sounding rocket, Black
USE Black Brant 5 sounding rocket

brasses

Bravais crystals

Brayton cycle

Brazil

Brazilian space program

brazing

brazing, low temperature
USE low temperature brazing

Brazzaville
USE Congo (Brazzaville)

(Brazzaville), Congo
USE Congo (Brazzaville)

breadboard models

breakaway
USE boundary layer separation

breakdown

breakdown, electrical
USE electrical faults

breakdown, voltage
USE electrical faults

breakdown, vortex
USE vortex breakdown

breakers, circuit
USE circuit breakers

breakers (electric)
USE circuit breakers

breaking

breaking, symmetry
USE broken symmetry

breakup, orbital
USE spacecraft breakup

breakup, reentry
USE spacecraft breakup

breakup, satellite
USE spacecraft breakup

breakup (spacecraft)
USE spacecraft breakup

breakup, spacecraft
USE spacecraft breakup

breakwaters

breathing

breathing apparatus

breathing apparatus, underwater
USE underwater breathing apparatus

breathing boosters, air
USE air breathing boosters

breathing engines, air
USE air breathing engines

breathing, high altitude
USE high altitude breathing

breathing, liquid
USE liquid breathing

breathing, oxygen
USE oxygen breathing

breathing, pressure
USE pressure breathing

breathing, re
USE rebreathing

breathing techniques, emergency
USE emergency breathing techniques

breathing vibration

breccia

Bredichin theory, Bessel-
USE Bessel-Bredichin theory

Breeder Reactor 1, Experimental
USE Experimental Breeder Reactor 1

Breeder Reactor 2, Experimental
USE Experimental Breeder Reactor 2

breeder reactors

breeder reactors, light water
USE light water breeder reactors

breeder reactors, liquid metal fast
USE liquid metal fast breeder reactors

breeding (reproduction)

breeze, sea
USE sea breeze

Breguet aircraft

Breguet 940 aircraft

Breguet 941 aircraft

Breguet 1150 aircraft

bremsstrahlung

Breuer reflex, Hering-
USE Hering-Breuer reflex

Brewster angle

bricks

bridge circuits, wire
USE wire bridge circuits

bridges

bridges, electric
USE electric bridges

bridges (landforms)

bridges, liquid
USE liquid bridges

bridges (structures)

bridges, wheatstone
USE wheatstone bridges

Bridgman method

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brigade devices, bucket
USE bucket brigade devices

brightening, limb
USE limb brightening

brightness

brightness discrimination

brightness distribution

brightness, sky
USE sky brightness

brightness temperature

Brillouin effect

Brillouin flow

Brillouin method, Wentzel-Kramer-
USE Wentzel-Kramer-Brillouin method

Brillouin zones

Brillouin-Wigner equation

brines

briques

Bristol-Siddeley BS 53 engine

Bristol-Siddeley Olympus 593 engine

Bristol-Siddeley Viper engine

Britain, Great
USE United Kingdom

British Aircraft Corp aircraft
USE BAC aircraft

British Columbia

British Guinea
USE Guyana

British Honduras
USE Belize

brittle materials

brittleness

broadband

broadband amplifiers

broadcast satellites, direct
USE direct broadcast satellites

broadcasting

broadcasting, radio
USE broadcasting

broadening, pressure
USE pressure broadening

Brogie wavelengths, de
USE de Broglie wavelengths

broken symmetry

bromates

bromide batteries, zinc-
USE zinc-bromide batteries

bromides

bromides, ammonium
USE ammonium bromides

bromides, cesium
USE cesium bromides

bromides, chromium
USE chromium bromides

bromides, di
USE dibromides

bromides, hydro
USE hydrobromides

bromides, magnesium
USE magnesium bromides

bromides, potassium
USE potassium bromides

bromides, silver
USE silver bromides

bromides, sodium
USE sodium bromides

bromides, strontium
USE strontium bromides

bromination

bromine

bromine compounds

bromine isotopes

bromine 82
USE bromine isotopes

bromine 87
USE bromine isotopes

bronchi

bronchial tubes
USE bronchi

bronzes

Brook Reactor, Plum
USE Plum Brook Reactor

Brorsen-Metcalf comet

broths

brown dwarf stars

brown wave effect

Brownian movements

Bruceton test
USE statistical tests

brucite

Bruderheim meteorite

Brunel

Brunswick, New
USE New Brunswick

Brunt-Valsala frequency

brush (botany)

brush seals

brushes

brushes (electrical contacts)

Bryophytes

BS 53 engine, Bristol-Siddeley
USE Bristol-Siddeley BS 53 engine

BSCCO superconductors

BSX

bubble chambers

bubble memory devices

bubble technique

bubble vehicles, captured air
USE captured air bubble vehicles

bubbles

bubbles, plasma
USE plasma bubbles

Buccaneer aircraft

bucket brigade devices

buckets

buckeye aircraft
USE T-2 aircraft

buckling

buckling, creep
USE creep buckling

buckling, elastic
USE elastic buckling

buckling, Euler
USE Euler buckling

buckling, thermal
USE thermal buckling

buckminsterfullerene

budget, atmospheric heat
USE atmospheric heat budget

budget, Earth radiation
USE Earth radiation budget

Budget Experiment, Earth Energy
USE LZEEBE satellite

budget experiment, Earth radiation
USE Earth radiation budget experiment

Budget Experiment, Zonal Earth Energy
USE LZEEBE satellite

budget, heat
USE heat budget

budgeting

budgets

budgets, energy
USE energy budgets

budgets, federal
USE federal budgets

Buffalo aircraft
USE DHC 5 aircraft

buffer storage

buffers

buffers (chemistry)

buffeting

building materials
USE construction materials

building structures
USE buildings

buildings

(buildings), space cooling
USE space cooling (buildings)

(buildings), space heating
USE space heating (buildings)

bulbs

bulbs, light
USE luminaires

Bulgaria

bulge, galactic
USE galactic bulge

bulge (galaxies), central
USE galactic bulge

bulge (galaxies), nuclear
USE galactic bulge

bulging

bulk acoustic wave devices

bulk modulus

bulkheads

bulletin boards, computer
USE electronic bulletin boards

bulletin boards, electronic
USE electronic bulletin boards

Bullpup B missile

Bullpup missiles

Bumblebee project

bumpers

bumpy toruses

Buna (trademark)

bunching

bunching, electron
USE electron bunching

bundle drawing

bundle, His
USE His bundle

bundles

bunkers (fuel)

buoyancy

buoyancy simulation, neutral
USE neutral buoyancy simulation

buoys

buoys, sono
USE sonobuoys

Buran space shuttle

bureaus (organizations)

burettes

Burger equation

Burkina

Burma

burn-in

burners

burners, pre
USE preburners

burning
USE combustion

burning, after
USE afterburning

burning, erosive

burning, erosive
USE erosive burning

burning, hole
USE hole burning

burning process
USE combustion

burning rate

burning time

burnout

burns (injuries)

burnthrough (failure)

burnup, nuclear fuel
USE nuclear fuel burnup

burst tests

bursts

bursts, cosmic gamma ray
USE gamma ray bursts

bursts, down
USE downbursts

bursts, gamma ray
USE gamma ray bursts

bursts, meteor
USE meteoroid showers

bursts, radio
USE radio bursts

bursts, solar radio
USE solar radio bursts

bursts, type 2
USE type 2 bursts

bursts, type 3
USE type 3 bursts

bursts, type 4
USE type 4 bursts

bursts, type 5
USE type 5 bursts

Burundi

bus conductors

bus, Pioneer Venus 2 transporter
USE Pioneer Venus 2 transporter bus

Busemann law, Newton-
USE Newton-Busemann law

buses, space
USE ferry spacecraft

bushings

business management
USE industrial management

Business Oriented Language, Common
USE Cobol

busses, data
USE channels (data transmission)

butadiene

butadiene, poly
USE polybutadiene

butane, cyclo
USE cyclobutane

butanes

butenes

butt joints

butterfly valves

buttes

buttons

butylene
USE butenes

butylene oxides
USE tetrahydrofuran

butyls, tetra
USE tetrabutyls

butyric acid

buzz, aerodynamic
USE flutter

by-products

bypass ratio

bypasses

B1 engine, X-258-
USE X-258-B1 engine

C

C
USE carbon

C, Anik
USE Anik 3

C, Atmosphere Explorer
USE Explorer 51 satellite

C band

C, BE
USE Explorer 27 satellite

C, Beacon Explorer
USE Explorer 27 satellite

C, ComStar
USE ComStar C

C, Earth Resources Technology Satellite
USE Landsat 3

C, Energetic Particle Explorer
USE Explorer 15 satellite

C, EPE-
USE Explorer 15 satellite

C, ERTS-
USE Landsat 3

C, HEAO
USE HEAO 3

C, High Energy Astronomy Observatory
USE HEAO 3

C, IMP-
USE Explorer 28 satellite

C, Ioran
USE Ioran C

C, Lunar Orbiter
USE Lunar Orbiter 3

C MK-1 aircraft, Short Belfast
USE SC-5 aircraft

C, OAO-
USE OAO 3

C, OGO-
USE OGO-C

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C, OSO-
USE OSO-C

C (programming language)

C reactor, tory 2-
USE tory 2-C reactor

C rocket vehicle, Agena
USE Agena C rocket vehicle

C rocket vehicle, Jupiter
USE Jupiter C rocket vehicle

C satellite, AE-
USE Explorer 51 satellite

C satellite, EXOS-
USE EXOS-C satellite

C satellite, GEOS-
USE GEOS 3 satellite

C, Space Shuttle mission 31-
USE Space Shuttle mission 31-C

C, Space Shuttle mission 41-
USE Space Shuttle mission 41-C

C, Space Shuttle mission 51-
USE Space Shuttle mission 51-C

C, Space Shuttle mission 61-
USE Space Shuttle mission 61-C

C spacecraft, Mariner
USE Mariner C spacecraft

C stars
USE carbon stars

C, Telesat Canada
USE Anik 3

C, vitamin
USE ascorbic acid

C++ (PROGRAMMING LANGUAGE)

C-M diagram
USE color-magnitude diagram

C-1A aircraft

C-2 aircraft

C-5 aircraft

C-5 aircraft, Lockheed
USE C-5 aircraft

C-8A augmentor wing aircraft

C-9 aircraft

C-15 aircraft

C-33 aircraft

C-33 aircraft, Beech
USE C-33 aircraft

C-35 aircraft

C-46 aircraft

C-46 aircraft, Curtiss
USE C-46 aircraft

C-47 aircraft

C-54 aircraft

C-118 aircraft

C-119 aircraft

C-121 aircraft

C-123 aircraft

C-124 aircraft

C-130 aircraft

C-131 aircraft

C-133 aircraft

C-135 aircraft

C-140 aircraft

C-141 aircraft

C-142 aircraft
USE XC-142 aircraft

C-160 aircraft

C-160 aircraft, Transall
USE C-160 aircraft

Ca
USE calcium

CA
USE California

(CA), Coachella Valley
USE Coachella Valley (CA)

(CA), coastal ranges
USE coastal ranges (CA)

(CA), Death Valley
USE Death Valley (CA)

(CA), Feather River Basin
USE Feather River Basin (CA)

(CA), Imperial Valley
USE Imperial Valley (CA)

(CA), Mojave Desert
USE Mojave Desert (CA)

(CA), Monterey Bay
USE Monterey Bay (CA)

(CA), Palo Verde Valley
USE Palo Verde Valley (CA)

(CA), Peninsular Ranges
USE Peninsular Ranges (CA)

(CA), Sacramento Valley
USE Sacramento Valley (CA)

(CA), Salton Sea
USE Salton Sea (CA)

(CA), San Francisco
USE San Francisco (CA)

(CA), San Francisco Bay
USE San Francisco Bay (CA)

(CA), San Joaquin Valley
USE San Joaquin Valley (CA)

(CA), San Pablo Bay
USE San Pablo Bay (CA)

(CA), Sierra Nevada Mountains
USE Sierra Nevada Mountains (CA)

Ca-Cu-O superconductors, Bi-Sr-
USE BSCCO superconductors

(CA-NV), Lake Tahoe
USE Lake Tahoe (CA-NV)

(CA-OR-WA), Cascade Range
USE Cascade Range (CA-OR-WA)

cabin atmospheres

cabin atmospheres, spacecraft
USE spacecraft cabin atmospheres

cabin simulators, spacecraft
USE spacecraft cabin simulators

cabins

cabins, aircraft
USE aircraft compartments

cabins, pressure
USE pressurized cabins

cabins, pressurized
USE pressurized cabins

cabins, spacecraft
USE spacecraft cabins

cable force recorders

cable television

cables

cables, coaxial
USE coaxial cables

cables, communication
USE communication cables

cables (ropes)

cables, submarine
USE submarine cables

CAD (design)
USE computer aided design

cadastral mapping

cadmium

cadmium alloys

cadmium antimonides

cadmium batteries, nickel
USE nickel cadmium batteries

cadmium batteries, silver
USE silver cadmium batteries

cadmium chlorides

cadmium compounds

cadmium fluorides

cadmium isotopes

cadmium mercury tellurides
USE mercury cadmium tellurides

cadmium nickel batteries
USE nickel cadmium batteries

cadmium selenides

cadmium silver batteries
USE silver cadmium batteries

cadmium sulfides

cadmium tellurides

cadmium tellurides, mercury
USE mercury cadmium tellurides

cadmium 114
USE cadmium isotopes

caffeine

CAI
USE computer assisted instruction

caissons

Cajun rocket vehicle

Cajun rocket vehicle, Nike-
USE Nike-Cajun rocket vehicle

CAL satellite, ORBIS
USE ORBIS CAL satellite

calciferol

calcification

calcination
USE roasting

calcite

calcium

calcium carbonates

calcium chlorides

calcium compounds

calcium fluorides

calcium isotopes

calcium metabolism

calcium oxides

calcium phosphates

calcium silicates

calcium sulfides

calcium tungstates

calcium vanadates

calcium 45
USE calcium isotopes

calculation
USE computation

calculation, matrix stress
USE matrix methods

calculation, orbit
USE orbit calculation

calculation, satellite orbit
USE orbit calculation

calculations, stress
USE stress analysis

calculators

calculi

calculi, dental
USE dental calculi

calculi, renal
USE calculi

calculus

calculus, derivation
USE differential calculus

calculus, differential
USE differential calculus

calculus, Graeff
USE Graeff calculus

calculus, integral
USE integral calculus

calculus of variations

calculus, operational
USE operational calculus

calculus, predicate
USE predicate calculus

calculus), Stokes theorem (vector
USE Stokes theorem (vector calculus)

calculus, vector

calculus, vector
USE vector spaces

calderas

calendars

calendars, crop
USE crop calendars

calibrating

calibrating omnirange, self
USE self calibrating omnirange

Calibration Facility, Solar Cell
USE Solar Cell Calibration Facility

calibration, wind tunnel
USE wind tunnel calibration

California

California, Baja
USE Lower California (Mexico)

California (Mexico), Gulf of
USE Gulf of California (Mexico)

California (Mexico), Lower
USE Lower California (Mexico)

California, Southern
USE Southern California

californium

californium compounds

californium isotopes

californium 252
USE californium isotopes

Callisto

calmodulin

caloric requirements

caloric stimuli

calorimeters

calorimeters, bomb
USE bomb calorimeters

calorimeters, drop
USE drop calorimeters

calorimeters, flame
USE flame calorimeters

calorimetry
USE heat measurement

calutrons
USE cyclotrons

calves

CAM (manufacturing)
USE computer aided manufacturing

camber

camber, conical
USE conical camber

camber, wing
USE wing camber

cambered wings

Cambodia

Cambrian Period

Camel aircraft
USE TU-104 aircraft

camera, Baker-Nunn
USE Baker-Nunn camera

camera, Delft
USE Delft camera

camera, faint object
USE faint object camera

camera shutters

Camera System (AVCS), Advanced Vidicon
USE Advanced Vidicon Camera System (AVCS)

camera tubes

cameras

cameras, ballistic
USE ballistic cameras

cameras, diffraction limited
USE diffraction limited cameras

cameras, framing
USE framing cameras

cameras, high speed
USE high speed cameras

cameras, I2S
USE I2S cameras

cameras, Lallemand
USE Lallemand cameras

cameras, multispectral band
USE multispectral band cameras

cameras, panoramic
USE panoramic cameras

cameras, pinhole
USE pinhole cameras

cameras, Schmidt
USE Schmidt cameras

cameras, streak
USE streak cameras

cameras, television
USE television cameras

Cameroon

camouflage

Campbell-Hausdorff series

camphor

cams

can, sortie
USE sortie systems

Canada

Canada A, Telesat
USE Anik 1

Canada B, Telesat
USE Anik 2

Canada C, Telesat
USE Anik 3

(Canada), Hudson Bay
USE Hudson Bay (Canada)

Canada 3, Telesat
USE Anik 3

Canadair aircraft

Canadair CF-104 aircraft
USE Canadair aircraft
F-104 aircraft

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Canadair CL-41 aircraft
USE CL-41 aircraft

Canadair CL-44 aircraft
USE CL-44 aircraft

Canadair CL-84 aircraft
USE CL-84 aircraft

Canadian Shield

Canadian space program

Canadian spacecraft

Canal Zone, Panama
USE Panama Canal Zone

canals

canals, semicircular
USE semicircular canals

canard configurations

Canary Islands

Canberra aircraft

Canberra aircraft, English Electric
USE Canberra aircraft

Canberra bomber
USE B-57 aircraft

cancellation

cancellation circuits

cancer

cane, sugar
USE sugar cane

canisters
USE cans

canning

Cannonball 2 satellite

cannons
USE guns (ordnance)

cannulae

canonical forms

canopies

canopies (vegetation)

cans

cant
USE slopes

cantilever beams

cantilever members

cantilever plates

cantilever wings
USE wings

Canyon (AZ), Grand
USE Grand Canyon (AZ)

canyons

cap absorption, polar
USE polar cap absorption

cap clouds

capability, ceiling (aircraft)
USE ceiling (aircraft capability)

capacitance

capacitance switches

capacitance-voltage characteristics

capacitive fuel gages

capacitors

capacity

capacity, channel
USE channel capacity

capacity, heat
USE specific heat

capacity, load carrying
USE load carrying capacity

Capacity Mapping Mission, Heat
USE Heat Capacity Mapping Mission

capacity, work
USE work capacity

Cape Hatteras (NC)

Cape Kennedy launch complex

Cape Verde

capes (landforms)

capillaries

capillaries (anatomy)

capillary circulation
USE capillary flow

capillary flow

capillary tubes

capillary waves

caps

caps (explosives)

caps, nose
USE nose cones

caps, polar
USE polar caps

caps, spherical
USE spherical caps

(capsule), DRC
USE Discoverer recovery capsules

capsules

capsules, Discoverer recovery
USE Discoverer recovery capsules

capsules, escape
USE escape capsules

capsules, fuel
USE fuel capsules

capsules, space
USE space capsules

capsules (spacecraft)
USE space capsules

captive tests

capture, aero
USE aerocapture

capture, asteroid
USE asteroid capture

capture cross sections
USE absorption cross sections

capture effect

capture, electron
USE electron capture

capture, nuclear
USE nuclear capture

capture, satellite
USE spacecraft recovery

captured air bubble vehicles

Caravelle aircraft
USE SE-210 aircraft

Carbamates (tradename)

carbamides

carbazoles

carbenes

carbides

carbides, aluminum
USE aluminum carbides

carbides, boron
USE boron carbides

carbides, chromium
USE chromium carbides

carbides, hafnium
USE hafnium carbides

carbides, molybdenum
USE molybdenum carbides

carbides, niobium
USE niobium carbides

carbides, plutonium
USE plutonium compounds

carbides, silicon
USE silicon carbides

carbides, tantalum
USE tantalum carbides

carbides, titanium
USE titanium carbides

carbides, tungsten
USE tungsten carbides

carbides, uranium
USE uranium carbides

carbides, vanadium
USE vanadium carbides

carbides, zirconium
USE zirconium carbides

carbohydrate metabolism

carbohydrates

carbon

carbon, activated
USE activated carbon

carbon arcs

carbon composites, carbon-
USE carbon-carbon composites

carbon compounds

carbon cycle

carbon dioxide

carbon dioxide concentration

carbon dioxide lasers

carbon dioxide removal

carbon dioxide tension

carbon disulfide

carbon fiber reinforced plastics

carbon fibers

carbon, glassy
USE glassy carbon

carbon isotopes

carbon lasers

carbon monoxide

carbon monoxide lasers

carbon monoxide poisoning

carbon stars

carbon steels

carbon steels, low
USE low carbon steels

carbon suboxides

carbon tetrachloride

carbon tetrachloride poisoning

carbon tetrafluoride

carbon 12

carbon 13

carbon 14

carbon-carbon composites

carbon-phenolic composites

carbonaceous chondrites

carbonaceous materials

carbonaceous meteorites

carbonaceous rocks

carbonates

carbonates, calcium
USE calcium carbonates

carbonates, poly
USE polycarbonates

carbonates, sodium
USE sodium carbonates

carbonation, de
USE decarbonation

carbonic acid

carbonic anhydrase

carbonization

carbons, chloro
USE chlorocarbons

carbons, fluoro
USE fluorocarbons

carbons, fluorohydro
USE fluorohydrocarbons

carbons, hydro
USE hydrocarbons

carbonyl compounds

carborane

Carborundum (trademark)

Carborundum (trademark)

carboxyhemoglobin

carboxyhemoglobin test

carboxyl group

carboxylates

carboxylation

carboxylation, de
USE decarboxylation

carboxylic acids

carburetors

carburetors, injection
USE carburetors
fuel injection

carburizing

carcinogens

carcinoma
USE cancer

carcinotrons

cardiac auricles

cardiac output

cardiac pacemaker, artificial
USE artificial cardiac pacemaker

cardiac ventricles

cardiograms

cardiography

cardiography, echo
USE echocardiography

cardiography, electro
USE electrocardiography

cardiography, magneto
USE magnetocardiography

cardiography, phono
USE phonocardiography

cardiography, radio
USE radiocardiography

cardiography, vector
USE vectorcardiography

cardiology

cardiotachometers

(cardiovascular), pulse
USE heart rate

cardiovascular system

cards

cards, punched
USE punched cards

caret wings

CARETS (test site)
USE Central Atlantic Regional Ecol Test Site

cargo

cargo, air
USE air cargo

cargo aircraft

cargo ships

cargo ships, LOTS
USE cargo ships

cargo spacecraft

Cargomaster aircraft
USE C-133 aircraft

Caribbean region

Caribbean Sea

Caribou aircraft
USE DHC 4 aircraft

caribous

Carlo method, Monte
USE Monte Carlo method

carnitine

Carnot cycle

Carolina, North
USE North Carolina

Carolina, South
USE South Carolina

carotene

carotid sinus body

carotid sinus reflex

Carpathian Mountains (Europe)

carriages

carriages, under
USE undercarriages

carrier density (solid state)

Carrier, European Retrievable
USE Eureka (ESA)

carrier frequencies

carrier injection

carrier lifetime

carrier, logistics over the shore (LOTS)
USE logistics over the shore (LOTS) carrier

carrier mobility

carrier modulation
USE modulation

carrier rocket, Echo 1
USE Thor Delta launch vehicle

carrier rockets
USE launch vehicles

carrier systems
USE wireless communication

carrier to noise ratios

carrier transmission, single channel per
USE single channel per carrier transmission

carrier transport (solid state)

carrier waves

carriers

carriers, aircraft
USE aircraft carriers

carriers, charge
USE charge carriers

carriers, majority
USE majority carriers

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carriers, minority
USE minority carriers

Carrington rotation
USE solar rotation

carrying capacity, load
USE load carrying capacity

Cartan space

Cartesian coordinates

cartilage

cartography
USE mapping

cartridge actuated devices
USE actuators
explosive devices

cartridges

carts

cascade control

cascade flow

Cascade Range (CA-OR-WA)

cascade wind tunnels

cascades

cascades, electron photon
USE electron photon cascades

cascades (fluid dynamics)
USE fluid dynamics

cascode MOSFET
USE field effect transistors

case bonded propellants

case histories

cases (containers)

cases, missile
USE missile bodies

cases, missile engine
USE rocket engine cases

cases, rocket engine
USE rocket engine cases

cases, rocket motor
USE rocket engine cases

casing

casks
USE barrels (containers)

Caspian Sea

Cassegrain antennas

Cassegrain optics

Cassini mission

Cassiopeia A

Cassiopeia constellation

cast alloys

Castigliano variational theorem

casting

casting, centrifugal
USE centrifugal casting

casting, fore
USE forecasting

casting, investment
USE investment casting

casting, propellant
USE propellant casting

casting, sand
USE sand casting

casting, slip
USE slip casting

casting solvents
USE plasticizers

casting, squeeze
USE squeeze casting

castings

castor oil

Castor 2 engine
USE TX-354 engine

casts

casualties

CAT scanner
USE computer aided tomography

catabolism

cataclysmic variables

catalase

catalogs

catalogs, astronomical
USE astronomical catalogs

catalogs (publications)

catalogs, star
USE astronomical catalogs

catalysis

catalysis, auto
USE autocatalysis

catalyst, Ziegler
USE Ziegler catalyst

catalysts

catalysts, electro
USE electrocatalysts

catalysts, fuel cell
USE electrocatalysts

catalytic activity

catapults

catapults, rocket
USE rocket catapults

cataracts

catastrophe theory

catchers

catchment areas
USE watersheds

catecholamine

categories

catenaries

catheterization

cathetometers

cathode glow

cathode ray tubes

cathode tubes, cold
USE cold cathode tubes

cathodes

cathodes, cell
USE cell cathodes

cathodes, cold
USE cold cathodes

cathodes, hollow
USE hollow cathodes

cathodes, hot
USE hot cathodes

cathodes, photo
USE photocathodes

cathodes, photoelectric
USE photocathodes

cathodes, thermionic
USE thermionic cathodes

cathodes, tube
USE tube cathodes

cathodes, tunnel
USE tunnel cathodes

cathodic coatings

cathodoluminescence

catholytes

cations

cats

CATT devices

cattle

CATV
USE cable television

Cauca Valley (Colombia), Magdalena-
USE Magdalena-Cauca Valley (Colombia)

Caucasus Mountains (U.S.S.R.)

Cauchy equations, Euler-
USE Euler-Cauchy equations

Cauchy integral formula

Cauchy problem

Cauchy-Riemann equations

caulking

cause, retirement for
USE retirement for cause

causes

caustic lines

caustics
USE alkalis

caustics (optics)

caves

cavitation
USE cavitation flow

cavitation corrosion

cavitation flow

cavitation, gaseous
USE cavitation flow
gas flow

cavities

cavities, laser
USE laser cavities

cavities, resonant
USE cavity resonators

cavitons

cavity flow

cavity, intracranial
USE intracranial cavity

cavity resonators

cavity resonators, superconducting
USE superconducting cavity resonators

cavity vapor generators

cays
USE keys (islands)

CC-106 aircraft
USE CL-44 aircraft

CCD
USE charge coupled devices

CCD star tracker

Cd
USE cadmium

CD-ROM

CDC computers

CDC Cyber 74 computer

CDC Cyber 170 series computers

CDC Cyber 174 computer

CDC Cyber 175 computer

CDC Cyber 203 computer

CDC Cyber 205 computer

CDC Star 100 computer

CDC 160-A computer

CDC 1604 computer

CDC 3100 computer

CDC 3200 computer

CDC 3600 computer

CDC 3800 computer

CDC 6000 series computers

CDC 6400 computer

CDC 6600 computer

CDC 6700 computer

CDC 7000 series computers

CDC 7600 computer

CDC 8090 computer

CDMA
USE code division multiple access

Ce

Ce

USE cerium

Cedar Rapids (IA)

CEFOAM checkout equipment

ceiling (aircraft capability)

ceilings

ceilings (architecture)

ceilings (meteorology)

cellometers

USE cloud height indicators

telescopes

celestial bodies

celestial geodesy

celestial mechanics

(celestial mechanics), orbital resonances

USE orbital resonances (celestial mechanics)

celestial navigation

celestial observation

USE astronomy

celestial reference systems

celestial sphere

cell anodes

Cell Calibration Facility, Solar

USE Solar Cell Calibration Facility

cell catalysts, fuel

USE electrocatalysts

cell cathodes

cell division

cell membranes (biology)

cell power plants, fuel

USE fuel cell power plants

cell, resolution

USE resolution cell

cell technique, particle in

USE particle in cell technique

cell technique, vortex in

USE vortex in cell technique

cellophane

cells

cells, Benard

USE Benard cells

cells, biochemical fuel

USE biochemical fuel cells

cells, biological

USE cells (biology)

cells (biology)

cells, blood

USE blood cells

cells, Bragg

USE Bragg cells

cells, convection

USE convection cells

cells, dry

USE dry cells

cells, electric

USE electric cells

cells, electrochemical

USE electrochemical cells

cells, electrolytic

USE electrolytic cells

cells, fission electric

USE fission electric cells

cells, fuel

USE fuel cells

cells, galvanic

USE electrolytic cells

cells, geophysical fluid flow

USE geophysical fluid flow cells

cells, Golay detector

USE Golay detector cells

cells, hexagonal

USE hexagonal cells

cells, hydrogen air fuel

USE hydrogen oxygen fuel cells

cells, hydrogen oxygen fuel

USE hydrogen oxygen fuel cells

cells, Kerr

USE Kerr cells

cells, Knudsen

USE Knudsen gages

cells, magnesium

USE magnesium cells

cells, phosphoric acid fuel

USE phosphoric acid fuel cells

cells, photoconductive

USE photoconductive cells

cells, photoelectric

USE photoelectric cells

cells, photovoltaic

USE photovoltaic cells

cells, red blood

USE erythrocytes

cells, Redox

USE Redox cells

cells, regenerative fuel

USE regenerative fuel cells

cells, silicon solar

USE solar cells

cells, solar

USE solar cells

cells, vertical junction solar

USE vertical junction solar cells

cells, wet

USE wet cells

cells, white blood

USE leukocytes

cells, wraparound contact solar

USE solar cells

cellular materials (non biological)

USE foams

cellulose

cellulose nitrate

cementation

cementite

NASA THESAURUS VOLUME 2

cements

CEMS system

USE Central Electronic Management System

Cenozoic Era

censored data (mathematics)

census

Centaur launch vehicle

Centaur launch vehicle, Atlas

USE Atlas Centaur launch vehicle

Centaur launch vehicle, Titan

USE Titan Centaur launch vehicle

Centaur project

Centaur vehicle

USE Centaur launch vehicle

Centaurus constellation

center, aerodynamic

USE aerodynamic balance

center), IMCC (control

USE integrated mission control center

center, integrated mission control

USE integrated mission control center

center (NASA), space operations

USE space operations center (NASA)

center of gravity

center of mass

center of pressure

centerbodies

centered cubic lattices, body

USE body centered cubic lattices

centered cubic lattices, face

USE face centered cubic lattices

centers

centers, color

USE color centers

centers, F

USE color centers

centers, world data

USE world data centers

centimeter waves

Central African Republic

Central America

Central Atlantic Region (US)

Central Atlantic Regional Ecol Test Site

central bulge (galaxies)

USE galactic bulge

Central Electronic Management System

Central Europe

central nervous system

central nervous system depressants

central nervous system stimulants

Central Piedmont (US)

central processing units

centrifugal casting

centrifugal compressors

centrifugal force

centrifugal pumps

centrifuges

centrifuges, human
USE human centrifuges

centrifuges, piloted
USE human centrifuges

centrifuging

centrifuging stress

centripetal force

centroids

Centurion aircraft
USE Cessna 210 aircraft

cephalagia
USE headache

cephalopods

cephheid variables

Cepheus constellation

cepstra

cepstral analysis

ceramal protective coatings
USE cermets
protective coatings

ceramals
USE cermets

ceramic bonding

ceramic coatings

ceramic fibers

ceramic honeycombs

ceramic matrix composites

ceramic nuclear fuels

ceramic-metal composites
USE cermets

ceramics

ceramics, piezoelectric
USE piezoelectric ceramics

cerebellum

cerebral cortex

cerebral vascular accidents

cerebral ventricles

cerebrospinal fluid

cerebrum

Cerenkov counters

Cerenkov effect
USE Cerenkov radiation

Cerenkov radiation

Ceres asteroid

ceresin

cerium

cerium compounds

cerium isotopes

cerium oxides

cerium 137

cerium 144

cermets

certification

cesium

cesium alloys

cesium antimonides

cesium bromides

cesium compounds

cesium diodes

cesium engines

cesium fluorides

cesium halides

cesium hydrides

cesium iodides

cesium ions

cesium isotopes

cesium oxides

cesium plasma

cesium vapor

cesium 133

cesium 134

cesium 137

cesium 144

Cessna aircraft

Cessna L-19 aircraft

Cessna military aircraft
USE military aircraft

Cessna 172 aircraft

Cessna 205 aircraft

Cessna 210 aircraft

Cessna 402B aircraft

cetane

Ceti star, Mira
USE Omicron Ceti star

Ceti star, Omicron
USE Omicron Ceti star

Ceti stars, UV
USE flare stars

cetyl compounds

Ceylon
USE Sri Lanka

Cf
USE californium

CF-104 aircraft
USE Canadair aircraft
F-104 aircraft

CF-104 aircraft, Canadair
USE F-104 aircraft
Canadair aircraft

CF-700 engine

CFCs
USE chlorofluorocarbons

CFD
USE charge flow devices

CFRP
USE carbon fiber reinforced plastics

CH (methylidyne)
USE methylidyne

CH-3 helicopter

CH-21 helicopter

CH-34 helicopter

CH-46 helicopter

CH-47 helicopter

CH-53 helicopter
USE H-53 helicopter

CH-54 helicopter

CH-62 helicopter

CH-113 helicopter
USE CH-46 helicopter

Chad

chaff

chain, food
USE food chain

chains

chains, Markov
USE Markov chains

chains, molecular
USE molecular chains

chair, Barany
USE Barany chair

chairs
USE seats

chalcogenides

chalk

challenger aircraft, CL-600
USE CL-600 challenger aircraft

Challenger (Orbiter)

chamber pressure, thrust
USE thrust chamber pressure

chambers

chambers, anechoic
USE anechoic chambers

chambers, arc
USE arc chambers

chambers, bubble
USE bubble chambers

chambers, cloud
USE cloud chambers

chambers, combustion
USE combustion chambers

chambers, cylindrical

chambers, cylindrical
USE cylindrical chambers

chambers, environmental
USE test chambers

chambers, flow
USE flow chambers

chambers, growth
USE phytotrons

chambers, hyperbaric
USE hyperbaric chambers

chambers, ion
USE ionization chambers

chambers, ionization
USE ionization chambers

chambers, low pressure
USE vacuum chambers

chambers, magazines (supply)
USE magazines (supply chambers)

chambers, plenum
USE plenum chambers

chambers, pressure
USE pressure chambers

chambers, reverberation
USE reverberation chambers

chambers, rocket
USE thrust chambers

chambers, spark
USE spark chambers

chambers, test
USE test chambers

chambers, thrust
USE thrust chambers

chambers, vacuum
USE vacuum chambers

Champlain Basin (NY-VT), Lake
USE Lake Champlain Basin (NY-VT)

Chance-Vought aircraft

Chance-Vought military aircraft
USE Chance-Vought aircraft
military aircraft

Chandler motion
USE polar wandering (geology)

Chandler wobble

Chandrasekhar equation

change, climate
USE climate change

change detection

change materials, phase
USE phase change materials

channel capacity

Channel, English
USE English Channel

channel flow

channel flow, open
USE open channel flow

channel multipliers

channel noise

channel per carrier transmission, single
USE single channel per carrier transmission

channel wings

channels

channels (data transmission)

channels, micro
USE microchannels

channeltrons
USE channel multipliers

chaos

chaotic cloud patterns
USE clouds (meteorology)

chaparral

Chaparral missile

Chaplygin equation

Chapman shear layer
USE shear layers

Chapman theory, Enskog-
USE Chapman-Enskog theory

Chapman-Enskog theory

Chapman-Ferraro problem

Chapman-Jouget flame
USE chemical equilibrium
detonation
flame propagation

character recognition

characteristic equations
USE eigenvectors
eigenvalues

characteristic functions
USE eigenvalues
eigenvectors

characteristic method
USE method of characteristics

characteristic, Segre
USE Segre characteristic

characteristics

characteristics, aerodynamic
USE aerodynamic characteristics

characteristics, airfoil
USE airfoils

characteristics, capacitance-voltage
USE capacitance-voltage characteristics

characteristics, dynamic
USE dynamic characteristics

characteristics, flight
USE flight characteristics

characteristics, flow
USE flow characteristics

characteristics, method of
USE method of characteristics

characteristics, polarization
USE polarization characteristics

characteristics, spray
USE spray characteristics

characteristics, static
USE static characteristics

characteristics, static aerodynamic
USE static aerodynamic characteristics

characteristics, volt-ampere
USE volt-ampere characteristics

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characterization

characters
USE symbols

characters, alphanumeric
USE alphanumeric characters

charcoal

charge carriers

charge coupled devices

charge density, magnetic
USE magnetic charge density

charge distribution

charge efficiency

charge, electric
USE electric charge

charge, electrostatic
USE electrostatic charge

charge exchange

charge exchange, resonance
USE resonance charge exchange

charge flow devices

charge injection devices

charge, ion
USE ion charge

charge, scalar magnetic
USE magnetic charge density

charge separation
USE polarization (charge separation)

(charge separation), polarization
USE polarization (charge separation)

charge, space
USE space charge

charge transfer

charge transfer devices

charge transfer salts, organic
USE organic charge transfer salts

charge, traveling
USE traveling charge

charged particles

chargers, battery
USE battery chargers

charges, shaped
USE shaped charges

charging

Charging at High Altitude, Spacecraft
USE SCATHA satellite

charging, particle
USE particle charging

charging, pulse
USE pulse charging

charging, spacecraft
USE spacecraft charging

charm (particle physics)

Charon

Charpy impact test

charring

- chart, Smith**
USE Smith chart
- charts**
- charts, flow**
USE flow charts
- (charts), graphs**
USE graphs (charts)
- charts, meteorological**
USE meteorological charts
- charts, nautical**
USE nautical charts
- charts, polarization**
USE polarization (waves)
graphs (charts)
- charts, weather**
USE meteorological charts
- chassignites**
- chassis**
- Chaudhuri-Hocquenghem codes, Bose-**
USE BCH codes
- Chebyshev approximation**
- checkout**
- checkout equipment**
USE test equipment
- checkout equipment, CEFOAM**
USE CEFOAM checkout equipment
- checkout program, space vehicle**
USE space vehicle checkout program
- chelate compounds**
USE chelates
- chelates**
- chelation**
- chemical analysis**
- chemical attack**
- chemical auxiliary power units**
- (chemical), bases**
USE bases (chemical)
- chemical bonds**
- chemical cleaning**
- chemical clouds**
- chemical composition**
- chemical compounds**
- chemical defense**
- chemical effects**
- chemical elements**
- chemical energy**
- chemical engineering**
- (chemical engineering), cracking**
USE cracking (chemical engineering)
- chemical equilibrium**
- chemical evolution**
- chemical explosions**
- chemical extinguishers**
USE fire extinguishers
- chemical fractionation**
- chemical fuels**
- chemical indicators**
- chemical kinetics**
USE reaction kinetics
- chemical lasers**
- chemical machining**
- chemical milling**
USE chemical machining
- chemical properties**
- chemical propulsion**
- chemical reaction control**
- chemical reactions**
- chemical reactors**
- chemical relaxation**
USE molecular relaxation
- chemical release modules**
- chemical shift**
USE chemical equilibrium
- chemical sterilization**
- chemical tests**
- chemical vapor deposition**
USE vapor deposition
- chemical vapor deposition, metalorganic**
USE metalorganic chemical vapor deposition
- chemical vapor desposition, metalorganic**
USE metalorganic chemical vapor deposition
- chemical vapor infiltration**
- chemical warfare**
- chemically reacting flow**
USE reacting flow
- chemicals**
- chemiluminescence**
- chemisorption**
- chemistry**
- chemistry, aerothermo**
USE aerothermochemistry
- chemistry, analytical**
USE analytical chemistry
- chemistry, atmospheric**
USE atmospheric chemistry
- chemistry, bio**
USE biochemistry
- chemistry, biogeo**
USE biogeochemistry
- (chemistry), buffers**
USE buffers (chemistry)
- chemistry, combustion**
USE combustion chemistry
- chemistry, computational**
USE computational chemistry
- chemistry, cryo**
USE cryochemistry
- chemistry, electro**
USE electrochemistry
- chemistry, environmental**
USE environmental chemistry
- Chemistry Experiment in Space, Physics and**
USE Physics and Chemistry Experiment in Space
- chemistry, geo**
USE geochemistry
- chemistry, inorganic**
USE inorganic chemistry
- chemistry, interstellar**
USE interstellar chemistry
- chemistry, marine**
USE marine chemistry
- chemistry, nuclear**
USE nuclear chemistry
- chemistry, organic**
USE organic chemistry
- chemistry, photoelectro**
USE photoelectrochemistry
- chemistry, physical**
USE physical chemistry
- chemistry, physio**
USE physiochemistry
- chemistry, plasma**
USE plasma chemistry
- chemistry, polymer**
USE polymer chemistry
- (chemistry), precipitation**
USE precipitation (chemistry)
- chemistry, propellant**
USE propellant chemistry
- chemistry, quantum**
USE quantum chemistry
- chemistry, radiation**
USE radiation chemistry
- chemistry, radio**
USE radiochemistry
- chemistry, reactor**
USE radiochemistry
- (chemistry), reduction**
USE reduction (chemistry)
- (chemistry), saturation**
USE saturation (chemistry)
- chemistry, stereo**
USE stereochemistry
- (chemistry), synthesis**
USE synthesis (chemistry)
- chemistry, thermo**
USE thermochemistry
- (chemistry), unsaturation**
USE unsaturation (chemistry)
- chemonuclear propulsion**
USE nuclear propulsion
chemical propulsion
- chemoreceptors**
- chemosphere**
- chemotherapy**
- Chena River Basin (AK)**
- Chesapeake Bay (US)**

chest

chest

chewing

USE mastication

chiasms

chickens

child device

Child-Langmuir law

children

Chile

chilling

USE cooling

chilling, heat dissipation

USE cooling

chimes

USE auditory signals

chimneys

chimpanzees

chin

China

China (communist) mainland

USE China

China, Republic of

USE Taiwan

Chinese aircraft

Chinese Peoples Republic

USE China

Chinese space program

Chinese spacecraft

chinone

USE quinones

Chinook helicopter

USE CH-47 helicopter

chipping

chips

chips (electronics)

chips (memory devices)

chiral dynamics

Chiron

chironomus files

chirp

chirp signals

chitin

chloral

chlorates

chlorates, per

USE perchlorates

Chlorella

chloride lasers, hydrogen

USE HCL lasers

chloride lasers, xenon

USE xenon chloride lasers

chloride, methyl

USE methyl chloride

chloride, polyvinyl

USE polyvinyl chloride

chlorides

chlorides, aluminum

USE aluminum chlorides

chlorides, ammonium

USE ammonium chlorides

chlorides, beryllium

USE beryllium chlorides

chlorides, boron

USE boron chlorides

chlorides, cadmium

USE cadmium chlorides

chlorides, calcium

USE calcium chlorides

chlorides, copper

USE copper chlorides

chlorides, di

USE dichlorides

chlorides, germanium

USE germanium chlorides

chlorides, hydro

USE hydrochlorides

chlorides, hydrogen

USE hydrogen chlorides

chlorides, iron

USE iron chlorides

chlorides, lanthanum

USE lanthanum chlorides

chlorides, lead

USE lead chlorides

chlorides, lithium

USE lithium chlorides

chlorides, magnesium

USE magnesium chlorides

chlorides, nitrosyl

USE nitrosyl chlorides

chlorides, nitroxy

USE nitroxychlorides

chlorides, nitryl

USE nitryl chlorides

chlorides, potassium

USE potassium chlorides

chlorides, silver

USE silver chlorides

chlorides, sodium

USE sodium chlorides

chlorides, sulfur

USE sulfur chlorides

chlorides, tetra

USE tetrachlorides

chlorides, titanium

USE titanium chlorides

chlorides, tungsten

USE tungsten chlorides

chlorides, zinc

USE zinc chlorides

chlorination

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chlorine

chlorine batteries, zinc-

USE zinc-chlorine batteries

chlorine compounds

chlorine fluorides

chlorine oxides

chloroaromatics

chlorobenzenes

chlorocarbons

chlorodifluoroacetates, sodium

USE sodium chlorodifluoroacetates

chloroethylene

chlorofluorocarbons

chlorofluoromethane

chloroform

chloroformate

chlorophylls

chloroplasts

chloroprene resins

chlorosilanes

chlorosilanes, methyl

USE methyl chlorosilanes

chlorpromazine

Choctaw helicopter

USE CH-34 helicopter

choice

USE selection

choked flow

chokes

chokes (fuel systems)

chokes (restrictions)

cholera

Cholesky factorization

cholesterol

choline

cholinergic blocking agents

USE anticholinergics

cholinergics

cholinergics, anti

USE anticholinergics

cholinesterase

chondrite, Hvittis

USE Hvittis chondrite

chondrites

chondrites, carbonaceous

USE carbonaceous chondrites

chondrites, Pantar

USE Pantar chondrites

chondrule

choppers, electric

USE electric choppers

choppers (electric)
USE electric choppers

chords, aerodynamic
USE chords (geometry)
airfoil profiles

chords (geometry)

choroid membranes

chorus, dawn
USE dawn chorus

chorus (dawn phenomenon)
USE dawn chorus

chorus phenomenon
USE dawn chorus

Christoffel transformation, Schwarz-
USE Schwarz-Christoffel transformation

chromates

chromates, potassium
USE potassium chromates

chromatography

chromatography, gas
USE gas chromatography

chromatography, gel permeation
USE liquid chromatography

chromatography, liquid
USE liquid chromatography

chromatography, paper
USE paper chromatography

chromatography, thin layer
USE thin layer chromatography

chrome
USE chromium

chromic acid

chromism, electro
USE electrochromism

chromites

chromites, sodium
USE sodium chromites

chromium

chromium alloys

chromium borides

chromium bromides

chromium carbides

chromium compounds

chromium fluorides

chromium isotopes

chromium oxides

chromium steels

chromodynamics, quantum
USE quantum chromodynamics

chromosomes

chromosphere

chronaxy

chronic conditions

chronobiology
USE rhythm (biology)

chronographs
USE chronometers

chronology

chronology, geo
USE geochronology

chronometers

chronophotography

chronotrons
USE pulse rate
time lag

chugging
USE combustion stability

Chukchi Sea

chutes

chutes, drag
USE drag chutes

CID
USE charge injection devices

cinder cones
USE cones (volcanoes)

cinelfluorography
USE radiography
motion pictures

cinematography

cinematography, lunar
USE lunar photography

cineradiography
USE motion pictures
radiography

cinespectrographs

cinetheodolites

circadian rhythms

circle turning flight, minor
USE minor circle turning flight

circles (geometry)

circles, great
USE great circles

circles, Mohr
USE fracture mechanics

circles, Rowland
USE Rowland circles

circuit analysis, sneak
USE sneak circuit analysis

circuit boards

circuit breakers

circuit currents, short
USE short circuit currents

circuit diagrams

circuit protection

circuit reliability

circuit television, closed
USE closed circuit television

circuit voltage, open
USE open circuit voltage

circuits

(circuits), adders
USE adding circuits

circuits, adding
USE adding circuits

circuits, analog
USE analog circuits

circuits, application specific integrated
USE application specific integrated circuits

circuits, bistable
USE bistable circuits

circuits, cancellation
USE cancellation circuits

circuits, circulators (phase shift)
USE circulators (phase shift circuits)

circuits, clamping
USE clamping circuits

circuits, clipper
USE clipper circuits

circuits, coincidence
USE coincidence circuits

circuits, comparator
USE comparator circuits

circuits, conjugated
USE conjugated circuits

circuits, counting
USE counting circuits

circuits, coupling
USE coupling circuits

circuits, custom integrated
USE application specific integrated circuits

circuits, delay
USE delay circuits

circuits, digital
USE digital electronics
logic circuits

circuits, Diode-Transistor-Logic integ
USE DTL integrated circuits

circuits, DTL integrated
USE DTL integrated circuits

circuits, electric
USE circuits

(circuits), equalizers
USE equalizers (circuits)

circuits, equivalent
USE equivalent circuits

circuits, exploding conductor
USE exploding wires
circuits

circuits, feedback
USE feedback circuits

circuits, fire control
USE fire control circuits

circuits, fluidic
USE fluidic circuits

(circuits), gates
USE gates (circuits)

circuits, hybrid
USE hybrid circuits

circuits, integrated
USE integrated circuits

circuits, LC
USE LC circuits

circuits, limiter
USE limiter circuits

circuits, linear

circuits, linear

USE linear circuits

circuits, linear integrated

USE linear integrated circuits

circuits, logic

USE logic circuits

circuits, LR

USE RL circuits

circuits, LRC

USE RLC circuits

circuits, magnetic

USE magnetic circuits

(circuits), matrices

USE matrices (circuits)

circuits, microwave

USE microwave circuits

circuits, mixing

USE mixing circuits

circuits, monolithic

USE integrated circuits

circuits, negative resistance

USE negative resistance circuits

circuits, phase shift

USE phase shift circuits

circuits, pneumatic

USE pneumatic circuits

circuits, power supply

USE power supply circuits

circuits, printed

USE printed circuits

circuits, RC

USE RC circuits

circuits, RL

USE RL circuits

circuits, RLC

USE RLC circuits

circuits, short

USE short circuits

circuits, squelch

USE squelch circuits

circuits, sweep

USE sweep circuits

circuits, switching

USE switching circuits

circuits, transistor

USE transistor circuits

circuits, transistor-transistor-logic integ

USE TTL integrated circuits

circuits, transmission

USE transmission circuits

circuits, trigger

USE trigger circuits

circuits, TTL integrated

USE TTL integrated circuits

circuits, varactor diode

USE varactor diode circuits

circuits, very high speed integrated

USE VHSIC (circuits)

(circuits), VHSIC

USE VHSIC (circuits)

circuits, wire bridge

USE wire bridge circuits

circular cones

circular cylinders

circular orbits

circular plates

circular polarization

circular shells

circular tubes

circular waveguides

circulation

circulation, atmospheric

USE atmospheric circulation

circulation, blood

USE blood circulation

circulation, brain

USE brain circulation

circulation, capillary

USE capillary flow

circulation control airfoils

circulation control rotors

circulation, coronary

USE coronary circulation

circulation distribution

Circulation Experiment, Atmospheric General

USE Atmospheric General Circulation Experiment

circulation, intercranial

USE intercranial circulation

Circulation Models, Atmospheric General

USE Atmospheric General Circulation Models

circulation models (atmospheric), general

USE Atmospheric General Circulation Models

circulation, ocular

USE ocular circulation

circulation, peripheral

USE peripheral circulation

circulation, pulmonary

USE pulmonary circulation

circulation), registers (air

USE registers (air circulation)

circulation, water

USE water circulation

circulation, wind

USE atmospheric circulation

circulation, zonal

USE zonal flow (meteorology)

circulators (phase shift circuits)

circulatory system

circumferences

circumlunar communication

circumlunar trajectories

circumpolar westerlies

circumsolar radiation

circumsolar telescopes

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circumstellar matter

USE stellar envelopes

cirques (landforms)

cirrocumulus clouds

cirrostratus clouds

cirrus (astronomy), infrared

USE infrared cirrus (astronomy)

cirrus clouds

cirrus shields

CIS

USE Commonwealth of Independent States

cislunar space

cities

citrates

citric acid

citrus trees

City Corridor (MO), St Louis-Kansas

USE St Louis-Kansas City Corridor (MO)

City (NY), New York

USE New York City (NY)

City, Vatican

USE Vatican City

civil aviation

civil defense

Cl

USE chlorine

CL-41 aircraft

CL-41 aircraft, Canadair

USE CL-41 aircraft

CL-44 aircraft

CL-44 aircraft, Canadair

USE CL-44 aircraft

CL-84 aircraft

CL-84 aircraft, Canadair

USE CL-84 aircraft

CL-595 helicopter

USE XH-51 helicopter

CL-595 helicopter, Lockheed

USE XH-51 helicopter

CL-600 challenger aircraft

CL-823 aircraft

CL-823 aircraft, Lockheed

USE CL-823 aircraft

cladding

claiming

clamping circuits

clamps

clarity

Clark Y airfoil

USE airfoil profiles

classes

Classic aircraft

USE IL-62 aircraft

- classical mechanics**
- classification, image**
USE image classification
- classifications**
- classifiers**
- classifying**
- clathrates**
- clays**
- clean energy**
- clean fuels**
- clean rooms**
- cleaners**
- (cleaners), washers**
USE washers (cleaners)
- cleaning**
- cleaning, chemical**
USE chemical cleaning
- cleaning, ultrasonic**
USE ultrasonic cleaning
- cleanliness**
- clear air turbulence**
- clearances**
- clearing**
- clearings (openings)**
- cleavage**
- Clebsch-Gordan coefficients**
- cliffs**
- climate**
- climate change**
- climatology**
- climatology, agro**
USE agroclimatology
- (climatology), FIRE**
USE FIRE (climatology)
- Climatology, International Satellite Cloud**
USE ISCCP Project
- climatology, micro**
USE microclimatology
- Climatology Orbiter, Mars Geoscience**
USE Mars Observer
- climatology, paleo**
USE paleoclimatology
- climb indicators, rate of**
USE rate of climb indicators
- climbing flight**
- clines, anti**
USE anticyclones
- clinical medicine**
- clipper circuits**
- clips**
- clock paradox**
- clocks**
- clocks, atomic**
USE atomic clocks
- clocks, autonomous spacecraft**
USE autonomous spacecraft clocks
- clocks, biological**
USE rhythm (biology)
- clogging**
USE plugging
- close packed lattices**
- closed basins**
USE structural basins
- closed circuit television**
- closed cycles**
- closed ecological systems**
- closed faults**
USE geological faults
- closed loop systems**
USE feedback control
- closing**
- Clostridium**
- Clostridium botulinum**
- closure, crack**
USE crack closure
- closure law**
- closures**
- cloth**
USE fabrics
- cloth, wire**
USE wire cloth
- clothing**
- clothing, flight**
USE flight clothing
- clothing, protective**
USE protective clothing
- clothing, vapor barrier**
USE vapor barrier clothing
- clotting**
- cloud chambers**
- Cloud Climatology, International Satellite**
USE ISCCP Project
- cloud cover**
- cloud dispersal**
- cloud glaciation**
- cloud height indicators**
- cloud, Oort**
USE Oort cloud
- cloud patterns, chaotic**
USE clouds (meteorology)
- cloud photographs**
- cloud photography**
- cloud physics**
- Cloud Physics Lab (Spacelab), Atmospheric**
USE Atmospheric Cloud Physics Lab (Spacelab)
- cloud seeding**
- clouds**
- clouds, anvil**
USE anvil clouds
- clouds, arc**
USE arc clouds
- clouds, artificial**
USE artificial clouds
- clouds, barium ion**
USE barium ion clouds
- clouds, cap**
USE cap clouds
- clouds, chemical**
USE chemical clouds
- clouds, cirrocumulus**
USE cirrocumulus clouds
- clouds, cirrostratus**
USE cirrostratus clouds
- clouds, cirrus**
USE cirrus clouds
- clouds, convection**
USE convection clouds
- clouds, cumulonimbus**
USE cumulonimbus clouds
- clouds, cumulus**
USE cumulus clouds
- clouds, electron**
USE electron clouds
- clouds, exhaust**
USE exhaust clouds
- clouds, ground**
USE exhaust clouds
- clouds, hydrogen**
USE hydrogen clouds
- clouds, ice**
USE ice clouds
- clouds, launch**
USE exhaust clouds
- clouds, Magellanic**
USE Magellanic clouds
- clouds, magnetic**
USE magnetic clouds
- clouds, meteoroid dust**
USE meteoroid dust clouds
- clouds (meteorology)**
- clouds, molecular**
USE molecular clouds
- clouds, nimbostratus**
USE nimbostratus clouds
- clouds, nimbus**
USE nimbostratus clouds
- clouds, noctilucent**
USE noctilucent clouds
- clouds, Ophiuchi**
USE Ophiuchi clouds
- clouds, orographic**
USE cap clouds
- clouds, plasma**
USE plasma clouds

clouds, stratocumulus

clouds, stratocumulus
USE stratocumulus clouds

clouds, stratus
USE stratus clouds

clouds, Venus
USE Venus clouds

clumps

cluster analysis

Cluster Mission

cluster, Pleiades
USE Pleiades cluster

cluster, Virgo galactic
USE Virgo galactic cluster

cluster, Virgo star
USE Virgo galactic cluster

clusters

clusters, galactic
USE galactic clusters

clusters, globular
USE globular clusters

clusters, open
USE open clusters

clusters, Praesepe star
USE Praesepe star clusters

clusters, star
USE star clusters

clutches

clutter

clutter maps, radar
USE radar clutter maps

Cm
USE curium

CMOS

CN emission

cnoidal waves

Co
USE cobalt

CO
USE Colorado

(CO), Manitou
USE Manitou (CO)

(CO), Pike's Peak
USE Pike's Peak (CO)

(CO), San Juan Mountains
USE San Juan Mountains (CO)

Coachella Valley (CA)

coagulation

coagulation, blood
USE blood coagulation

coal

coal, char
USE charcoal

coal derived gases

coal derived liquids

coal gasification

coal, hard
USE anthracite

coal liquefaction

coal, solvent refined
USE solvent refined coal

coal utilization

coalescence
USE coalescing

coalescing

Coanda effect

coarseness

Coast, Ivory
USE Cote d'Ivoire

coastal currents

coastal dunes
USE dunes

coastal ecology

coastal marshlands
USE marshlands

coastal plains

coastal ranges (CA)

coastal water

Coastal Zone Color Scanner

coasting flight

coasts

coating

coatings

coatings, aluminum
USE aluminum coatings

coatings, anodic
USE anodic coatings

coatings, antiradar
USE antiradar coatings

coatings, antireflection
USE antireflection coatings

coatings, birefringent
USE birefringent coatings

coatings, cathodic
USE cathodic coatings

coatings, ceramal protective
USE cermets
protective coatings

coatings, ceramic
USE ceramic coatings

coatings, glass
USE glass coatings

coatings, gold
USE gold coatings

coatings, inorganic
USE inorganic coatings

coatings, metal
USE metal coatings

coatings, nickel
USE nickel coatings

coatings, plastic
USE plastic coatings

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(coatings), primers
USE primers (coatings)

coatings, protective
USE protective coatings

coatings, refractory
USE refractory coatings

coatings, rubber
USE rubber coatings

coatings, solar selective
USE selective surfaces

coatings, sprayed
USE sprayed coatings

coatings, sprayed protective
USE sprayed coatings
protective coatings

coatings, thermal control
USE thermal control coatings

coatings, zinc
USE zinc coatings

coaxial cables

coaxial flow

coaxial nozzles

coaxial plasma accelerators

coaxial transmission
USE coaxial cables
transmission

coaxial transmission lines, flat
USE microstrip transmission lines

cobalt

cobalt acetates

cobalt alloys

cobalt compounds

cobalt fluorides

cobalt isotopes

cobalt oxalates

cobalt oxides

cobalt 58

cobalt 60

COBE
USE Cosmic Background Explorer satellite

Cobol

Cobra Dane (radar)

Coccomyces

cochlea

Cock aircraft
USE AN-22 aircraft

cockpit simulators

cockpits

cockroaches

cocks

COD aircraft
USE C-2 aircraft

COD (cracks)
USE crack opening displacement

- code, biternary**
USE biternary code
- code division multiple access**
- code division multiplexing**
- code, genetic**
USE genetic code
- code, Legendre**
USE computer programming
neutron scattering
- code modulation, differential pulse**
USE differential pulse code modulation
- code modulation, pulse**
USE pulse code modulation
- code, Morse**
USE Morse code
- coders**
- coders, auto**
USE autocoders
- coders, de**
USE decoders
- coders, vo**
USE vocoders
- codes**
- codes, BCH**
USE BCH codes
- codes, binary**
USE binary codes
- codes, Bose-Chaudhuri-Hocquenghem**
USE BCH codes
- codes, computer**
USE computer programs
- codes, concatenated**
USE concatenated codes
- codes, error correcting**
USE error correcting codes
- codes, error detection**
USE error detection codes
- codes, Reed-Solomon**
USE Reed-Solomon codes
- codes, RS**
USE Reed-Solomon codes
- coding**
- coding, color**
USE color coding
- coding, de**
USE decoding
- coding, trellis**
USE trellis coding
- coefficient, absorption**
USE absorptivity
- coefficient, accommodation**
USE accommodation coefficient
- coefficient, coherence**
USE coherence coefficient
- coefficient, diffusion**
USE diffusion coefficient
- coefficient, discharge**
USE discharge coefficient
- coefficient, friction**
USE coefficient of friction
- coefficient, friction loss**
USE friction factor
- coefficient, Glauert**
USE aerodynamic forces
Mach number
- coefficient, Hall**
USE Hall effect
- coefficient, influence**
USE influence coefficient
- coefficient, nozzle**
USE nozzle flow
- coefficient of friction**
- coefficient, Onsager phenomenological**
USE Onsager phenomenological coefficient
- coefficient, racah**
USE racah coefficient
- coefficient, recombination**
USE recombination coefficient
- coefficient, reflection**
USE reflectance
- coefficient, Seebeck**
USE Seebeck effect
- (coefficient), SIC**
USE structural influence coefficients
- coefficient, Soret**
USE Soret coefficient
- coefficient, Wigner**
USE Wigner coefficient
- coefficients**
- coefficients, aerodynamic**
USE aerodynamic coefficients
- coefficients, attenuation**
USE attenuation coefficients
- coefficients, binomial**
USE binomial coefficients
- coefficients, Clebsch-Gordan**
USE Clebsch-Gordan coefficients
- coefficients, correlation**
USE correlation coefficients
- coefficients, coupling**
USE coupling coefficients
- coefficients, drag**
USE drag coefficients
- coefficients, flow**
USE flow coefficients
- coefficients, heat transfer**
USE heat transfer coefficients
- coefficients, hydrodynamic**
USE hydrodynamic coefficients
- coefficients, ionization**
USE ionization coefficients
- coefficients, lift**
USE lift
aerodynamic coefficients
- coefficients, nozzle thrust**
USE nozzle thrust coefficients
- coefficients, regression**
USE regression coefficients
- coefficients, resistance**
USE resistance
- coefficients, scattering**
USE scattering coefficients
- coefficients, structural influence**
USE structural influence coefficients
- coefficients, thermal accommodation**
USE accommodation coefficient
- coefficients, transport**
USE transport properties
- coefficients, virial**
USE virial coefficients
- coenzymes**
- coercivity**
- coesite**
- coffee**
- Coffin-Manson law**
- cogeneration**
- cognition**
- cognitive psychology**
- COGO (programming language)**
- cohenite**
- coherence**
- coherence coefficient**
- coherence, in**
USE incoherence
- coherence, phase**
USE phase coherence
- coherent acoustic radiation**
- coherent anti-Stokes Raman spectroscopy**
USE Raman spectroscopy
- coherent electromagnetic radiation**
- coherent light**
- coherent radar**
- coherent radiation**
- coherent scattering**
- coherent sources**
USE coherent radiation
radiation sources
- coherent states, two photon**
USE squeezed states (quantum theory)
- coherent transmission**
USE coherent radiation
- cohesion**
- cohomology**
USE homology
- coils**
- coils, electric**
USE electric coils
- coils, field**
USE field coils
- coils, magnet**
USE magnet coils
- coils, magnetic**
USE magnetic coils

coincidence circuits

coincidence circuits

coining

coke

Coke aircraft

USE AN-24 aircraft

colchicine

cold acclimatization

cold blooded animals

USE poikilothermia

Cold Bokkeveld meteorite

cold cathode tubes

cold cathodes

cold drawing

cold flow tests

cold forming

USE cold working

cold fronts

cold gas

cold hardening

cold neutrons

cold plasmas

cold pressing

cold rolling

cold strength

cold surfaces

cold tolerance

cold traps

cold walls

USE cold surfaces
walls

cold water

cold weather

cold weather tests

cold welding

cold working

Coleoptera

colic

collagens

collapse

collapse, gravitational

USE gravitational collapse

collating

collection

collection platforms, data

USE data collection platforms

collectors

USE accumulators

collectors, dust

USE dust collectors

collectors, solar

USE solar collectors

colleges

USE universities

collider, superconducting super

USE superconducting super collider

collimation

collimators

collinearity

collision avoidance

Collision Avoidance System, Beacon

USE Beacon Collision Avoidance System

collision parameters

collision rates

collision warning devices

USE collision avoidance
warning systems

collisional plasmas

collisionless plasmas

collisions

collisions, atomic

USE atomic collisions

collisions, bird-aircraft

USE bird-aircraft collisions

collisions, Coulomb

USE Coulomb collisions

collisions, elastic

USE elastic scattering

collisions, electron

USE electron scattering

collisions, inelastic

USE inelastic collisions

collisions, ionic

USE ionic collisions

collisions, meteorite

USE meteorite collisions

collisions, midair

USE midair collisions

collisions, molecular

USE molecular collisions

collisions, particle

USE particle collisions

collocation

colloidal generators

colloidal propellants

colloding

colloids

Colombia

(Colombia), Llanos Orientales

USE Llanos Orientales (Colombia)

(Colombia), Magdalena-Cauca Valley

USE Magdalena-Cauca Valley (Colombia)

colonies

colonies, space

USE space colonies

color

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color centers

color coding

color diagram, color-

USE color-color diagram

color enhancement

USE color coding

color infrared photography

color (particle physics)

USE quantum chromodynamics

color perception

USE color vision

color photography

Color Scanner, Coastal Zone

USE Coastal Zone Color Scanner

color scanner, ocean

USE ocean color scanner

color, stellar

USE stellar color

color television

color vision

color, water

USE water color

color-color diagram

color-magnitude diagram

Colorado

Colorado Plateau (US)

Colorado River (North America)

coloration

USE color

colorimetry

cols

USE gaps (geology)

Columbia, British

USE British Columbia

Columbia, District of

USE District of Columbia

Columbia (Orbiter)

Columbia River Basin (ID-OR-WA)

columbium

USE niobium

Columbus space station

column antennas, hoop

USE hoop column antennas

column, vertebral

USE spine

columns

columns (process engineering)

columns (supports)

columns, tapered

USE tapered columns

columns, vortex

USE vortices

coma

combat

combat aircraft, multi-role
USE MRCA aircraft

(combat vehicles), tanks
USE tanks (combat vehicles)

combination

combinations (mathematics)

combinatorial analysis

combined cycle power generation

Combined Release and Radiation Effects Sat
USE CRRES (satellite)

combined stress

combustibility
USE flammability

combustible flow

combustion

combustion, acoustic
USE combustion stability

(combustion), blowoff
USE flameout

combustion, boundary layer
USE boundary layer combustion

combustion chambers

combustion chemistry

combustion control

combustion efficiency

combustion engines, external
USE external combustion engines

combustion engines, internal
USE internal combustion engines

combustion, fuel
USE fuel combustion

combustion heat
USE heat of combustion

combustion, heat of
USE heat of combustion

combustion, hybrid
USE hybrid propellant rocket engines

combustion, hydrocarbon
USE hydrocarbon combustion

combustion, hypersonic
USE hypersonic combustion

combustion instability
USE combustion stability

combustion, metal
USE metal combustion

combustion physics

combustion products

combustion, propellant
USE propellant combustion

combustion ramjet engines, supersonic
USE supersonic combustion ramjet engines

combustion, solid propellant
USE solid propellant combustion

combustion, spontaneous
USE spontaneous combustion

combustion stability

combustion, supersonic
USE supersonic combustion

combustion synthesis

combustion temperature

combustion, turbulent
USE turbulent combustion

combustion vibration

combustion waves
USE flame propagation

combustion wind tunnels

combustors
USE combustion chambers

combustors, dump
USE dump combustors

comet, Arend-Roland
USE Arend-Roland comet

comet, Austin
USE Austin comet

comet, Brorsen-Metcalf
USE Brorsen-Metcalf comet

comet, Encke
USE Encke comet

comet, Giacobini-Zinner
USE Giacobini-Zinner comet

comet, Grigg-Skjellerup
USE Grigg-Skjellerup comet

comet, Halley's
USE Halley's comet

comet heads

comet, Humason
USE Humason comet

comet, IRAS-Araki-Alcock
USE IRAS-Araki-Alcock comet

comet, Kohoutek
USE Kohoutek comet

comet, Morehouse
USE Morehouse comet

comet, Mrkos
USE Mrkos comet

comet nuclei

comet, Okazaki-Levy-Rudenko
USE Okazaki-Levy-Rudenko comet

Comet Rendezvous Asteroid Flyby Mission

comet, Schwassmann-Wachmann
USE Schwassmann-Wachmann comet

comet tails

comet, Tempel 2
USE Tempel 2 comet

comet, West
USE West comet

Comet 4 aircraft

cometary atmospheres

Cometary Explorer, International
USE International Sun Earth Explorer 3

cometary magnetospheres

comets

comfort

comfort, thermal
USE thermal comfort

command and control

command guidance

command languages

command modules

Command Post, Advanced Airborne
USE E-4A aircraft

command service modules

command systems
USE command guidance

command systems, digital
USE digital command systems

command-control
USE command and control

Commando aircraft
USE C-46 aircraft

commands

commencements, sudden storm
USE sudden storm commencements

commerce

commerce lab

commercial air transport, supersonic
USE supersonic commercial air transport

commercial aircraft

commercial aviation
USE commercial aircraft
civil aviation

commercial energy

commercial satellite, Arabian
USE Arcosat

commercial spacecraft

commercialization, space
USE space commercialization

comminution

(comminution), grinding
USE grinding (comminution)

(committee), COSPAR
USE Committee on Space Research

Committee on Space Research

commodities

Common Business Oriented Language
USE Cobol

commonality

Commonwealth of Independent States

communicating

communication

communication, aircraft
USE aircraft communication

(communication), ARQ
USE automatic repeat request

communication cables

communication, circumlunar
USE circumlunar communication

communication, digital

communication, digital
USE pulse communication

communication, electrocutaneous
USE electrocutaneous communication

communication equipment

communication, extraterrestrial
USE extraterrestrial communication

communication, facsimile
USE facsimile communication

communication, ground-air-ground
USE ground-air-ground communication

communication, interplanetary
USE interplanetary communication

communication, interprocessor
USE interprocessor communication

communication, interstellar
USE interstellar communication

communication, laser
USE optical communication

communication, light
USE optical communication

communication, line of sight
USE line of sight communication

communication, lunar
USE lunar communication

communication, multichannel
USE multichannel communication

Communication Network, NASA
USE NASCOM network

communication networks

communication, optical
USE optical communication

(communication), packets
USE packets (communication)

communication, point to point
USE point to point communication

communication, pulse
USE pulse communication

communication, radio
USE radio communication

communication, reentry
USE reentry communication

communication, satellite
USE satellite communication

Communication Satellite (ESA), Maritime
USE Marots (ESA)

communication satellites

communication satellites, synchronous
USE SYNCOM satellites

(communication), scrambling
USE scrambling (communication)

communication, ship to shore
USE ship to shore communication

communication, space
USE space communication

communication, spacecraft
USE spacecraft communication

communication system, fleet satellite
USE fleet satellite communication system

communication systems
USE telecommunication

communication systems, mobile
USE mobile communication systems

communication, tele
USE telecommunication

communication theory

communication theory, statistical
USE communication theory

communication, transoceanic
USE transoceanic communication

communication, underground
USE underground communication

communication, underwater
USE underwater communication

communication, verbal
USE verbal communication

communication, video
USE video communication

communication, voice
USE voice communication

communication, wideband
USE wideband communication

communication, wireless
USE wireless communication

Communications Antenna Grid (navy), Global
USE Seafarer project

(communications), ground effect
USE ground effect (communications)

Communications Satellite, European
USE European Communications Satellite

communications satellite proj, synchronous
USE synchronous communications satellite proj

Communications Satellite System, Defense
USE Defense Communications Satellite System

communications ships, satellite
USE satellite communications ships

communications system (DCS), defense
USE defense communications system (DCS)

communications systems, domestic satellite
USE domestic satellite communications systems

communications technology sat, advanced
USE ACTS

Communications Technology Satellite

(communications), transmission rate
USE transmission rate (communications)

(communications), transmission speed
USE transmission rate (communications)

(communist) mainland, China
USE China

communities

commutation

commutators

commutators, de
USE decommutators

commuter aircraft

compact disk read-only memory devices
USE optical disks

compact galaxies

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compact reactors, military
USE military compact reactors

compacting

compaction, data
USE data compression

compactness
USE - void ratio

companding

companion star, solar
USE Nemesis (star)

companion stars

comparator circuits

comparators

comparison

compartmentation
USE compartments

compartments

compartments, aircraft
USE aircraft compartments

COMPASS (programming language)

compasses

compasses, gyro
USE gyrocompasses

compasses, magnetic
USE magnetic compasses

compasses, solar
USE solar compasses

compatibility

compatibility, electromagnetic
USE electromagnetic compatibility

compatibility, in
USE incompatibility

compatibility, systems
USE systems compatibility

compatible tapes, computer
USE computer compatible tapes

compensation

compensation, image motion
USE image motion compensation

compensation, instrument
USE instrument compensation

compensation, temperature
USE temperature compensation

compensators

compensatory tracking

competition

compilation (computers)
USE compilers

compiler programs
USE compilers

compilers

complement

complement (biology)

complementary metal oxide semiconductors
USE CMOS

complements (mathematics)**completeness****complex, Cape Kennedy launch**

USE Cape Kennedy launch complex

complex compounds**complex coordinator, Langley**

USE Langley complex coordinator

complex numbers**complex systems****complex variables****complex, vitamin B**

USE biotin

complexes, launch

USE launching bases

complexity**complexity, task**

USE task complexity

compliance (elasticity)

USE modulus of elasticity

complication

USE complexity

component reliability**components****components, ALU (computer**

USE arithmetic and logic units

components analysis, principal

USE principal components analysis

components, antenna

USE antenna components

components, computer

USE computer components

components, missile

USE missile components

components, redundant

USE redundant components

components, spacecraft

USE spacecraft components

components test reactors, heavy water

USE heavy water components test reactors

composite functions**composite materials****(composite materials), RTM**

USE resin transfer molding

composite propellants**composite structures****composite wrapping****composites**

USE composite materials

composites, aluminum boron

USE aluminum boron composites

composites, aluminum graphite

USE aluminum graphite composites

composites, aramid fiber

USE aramid fiber composites

composites, boron-epoxy

USE boron-epoxy composites

composites, braided

USE braided composites

composites, carbon-carbon

USE carbon-carbon composites

composites, carbon-phenolic

USE carbon-phenolic composites

composites, ceramic matrix

USE ceramic matrix composites

composites, ceramic-metal

USE cermets

composites, epoxy matrix

USE epoxy matrix composites

composites, eutectic

USE eutectic composites

composites, fiber

USE fiber composites

composites, graphite-epoxy

USE graphite-epoxy composites

composites, graphite-polyimide

USE graphite-polyimide composites

composites, hybrid

USE hybrid composites

composites, metal matrix

USE metal matrix composites

composites, particulate reinforced

USE particulate reinforced composites

composites, polymer matrix

USE polymer matrix composites

composites, resin matrix

USE resin matrix composites

composites, three dimensional

USE three dimensional composites

composites, whisker

USE whisker composites

composites, woven

USE woven composites

composition**composition, atmospheric**

USE atmospheric composition

composition (biology), body

USE body composition (biology)

composition, chemical

USE chemical composition

(composition), concentration

USE concentration (composition)

composition, de

USE decomposition

Composition Experiment, Lower Atmospheric

USE LACATE (experiment)

composition, gas

USE gas composition

composition, ionospheric

USE ionospheric composition

composition, lunar

USE lunar composition

composition, meteoritic

USE meteoritic composition

composition, photode

USE photodecomposition

composition, planetary

USE planetary composition

composition, plasma

USE plasma composition

composition (property)**composition, stellar**

USE stellar composition

composting**compound A****compound helicopters****compounding****compounds****compounds, acetyl**

USE acetyl compounds

compounds, actinide series

USE actinide series compounds

compounds, aliphatic

USE aliphatic compounds

compounds, alkali metal

USE alkali metal compounds

compounds, alkaline earth

USE alkaline earth compounds

compounds, alkyl

USE alkyl compounds

compounds, allyl

USE allyl compounds

compounds, aluminum

USE aluminum compounds

compounds, ammonium

USE ammonium compounds

compounds, antimony

USE antimony compounds

compounds, aromatic

USE aromatic compounds

compounds, arsenic

USE arsenic compounds

compounds, aryl

USE aromatic compounds

compounds, azo

USE azo compounds

compounds, barium

USE barium compounds

compounds, beryllium

USE beryllium compounds

compounds, bismuth

USE bismuth compounds

compounds, boron

USE boron compounds

compounds, bromine

USE bromine compounds

compounds, cadmium

USE cadmium compounds

compounds, calcium

USE calcium compounds

compounds, californium

USE californium compounds

compounds, carbon

USE carbon compounds

compounds, carbonyl

USE carbonyl compounds

compounds, cerium

compounds, cerium

USE cerium compounds

compounds, cesium

USE cesium compounds

compounds, cetyl

USE cetyl compounds

compounds, chelate

USE chelates

compounds, chemical

USE chemical compounds

compounds, chlorine

USE chlorine compounds

compounds, chromium

USE chromium compounds

compounds, cobalt

USE cobalt compounds

compounds, complex

USE complex compounds

compounds, copper

USE copper compounds

compounds, curium

USE curium compounds

compounds, cyano

USE cyano compounds

compounds, cyclic

USE cyclic compounds

compounds, deuterium

USE deuterium compounds

compounds, diallyl

USE diallyl compounds

compounds, dibasic

USE dibasic compounds

compounds, dibutyl

USE dibutyl compounds

compounds, diethyl

USE diethyl compounds

compounds, difluoro

USE difluoro compounds

compounds, dimethyl

USE dimethyl compounds

compounds, diphenyl

USE diphenyl compounds

compounds, dysprosium

USE dysprosium compounds

compounds, einsteinium

USE einsteinium compounds

compounds, electron

USE intermetallics

compounds, epoxy

USE epoxy compounds

compounds, erbium

USE erbium compounds

compounds, ethyl

USE ethyl compounds

compounds, ethylene

USE ethylene compounds

compounds, europium

USE europium compounds

compounds, fluorine

USE fluorine compounds

compounds, fluorine organic

USE fluorine organic compounds

compounds, fluoro

USE fluoro compounds

compounds, gallium

USE gallium compounds

compounds, germanium

USE germanium compounds

compounds, Group 1A

USE alkali metal compounds

compounds, Group 1B

USE Group 1B compounds

compounds, Group 2A

USE alkaline earth compounds

compounds, Group 2B

USE Group 2B compounds

compounds, Group 3A

USE Group 3A compounds

compounds, Group 3B

USE Group 3B compounds

compounds, Group 4A

USE Group 4A compounds

compounds, group 4B

USE group 4B compounds

compounds, Group 5A

USE Group 5A compounds

compounds, Group 5B

USE Group 5B compounds

compounds, Group 6A

USE Group 6A compounds

compounds, Group 6B

USE Group 6B compounds

compounds, Group 7A

USE halogen compounds

compounds, Group 7B

USE Group 7B compounds

compounds, Group 8

USE Group 8 compounds

compounds, hafnium

USE hafnium compounds

compounds, halogen

USE halogen compounds

compounds, helium

USE helium compounds

compounds, heterocyclic

USE heterocyclic compounds

compounds, hexyl

USE hexyl compounds

compounds, high melting

USE refractory materials

compounds, hydrazinium

USE hydrazinium compounds

compounds, hydrazonium

USE hydrazonium compounds

compounds, hydrogen

USE hydrogen compounds

compounds, hydroxyl

USE hydroxyl compounds

compounds, indium

USE indium compounds

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compounds, inorganic

USE inorganic compounds

compounds, iodine

USE iodine compounds

compounds, iridium

USE iridium compounds

compounds, iron

USE iron compounds

compounds, isopropyl

USE isopropyl compounds

compounds, lanthanum

USE lanthanum compounds

compounds, lead

USE lead compounds

compounds, lead organic

USE lead organic compounds

compounds, lithium

USE lithium compounds

compounds, lutetium

USE lutetium compounds

compounds, magnesium

USE magnesium compounds

compounds, manganese

USE manganese compounds

compounds, mercapto

USE thiols

compounds, mercury

USE mercury compounds

compounds, metal

USE metal compounds

compounds, metallorganic

USE organometallic compounds

compounds, methyl

USE methyl compounds

compounds, molybdenum

USE molybdenum compounds

compounds, neodymium

USE neodymium compounds

compounds, neptunium

USE neptunium compounds

compounds, nickel

USE nickel compounds

compounds, niobium

USE niobium compounds

compounds, nitro

USE nitro compounds

compounds, nitrogen

USE nitrogen compounds

compounds, nitronium

USE nitronium compounds

compounds, nitroso

USE nitroso compounds

compounds, organic

USE organic compounds

compounds, organic aluminum

USE organic aluminum compounds

compounds, organic boron

USE organic boron compounds

compounds, organic fluorine

USE fluorine organic compounds

compounds, organic germanium
USE organic germanium compounds

compounds, organic lithium
USE organic lithium compounds

compounds, organic phosphorus
USE organic phosphorus compounds

compounds, organic silicon
USE organic silicon compounds

compounds, organic sulfur
USE organic sulfur compounds

compounds, organic tin
USE organic tin compounds

compounds, organometallic
USE organometallic compounds

compounds, osmium
USE osmium compounds

compounds, oxygen
USE oxygen compounds

compounds, palladium
USE palladium compounds

compounds, perfluoro
USE perfluoro compounds

compounds, phosphonium
USE phosphonium compounds

compounds, phosphorus
USE phosphorus compounds

compounds, platinum
USE platinum compounds

compounds, plutonium
USE plutonium compounds

compounds, polonium
USE polonium compounds

compounds, polynuclear organic
USE polynuclear organic compounds

compounds, potassium
USE potassium compounds

compounds, potting
USE potting compounds

compounds, praseodymium
USE praseodymium compounds

compounds, propyl
USE propyl compounds

compounds, protactinium
USE protactinium compounds

compounds, rare earth
USE rare earth compounds

compounds, rare gas
USE rare gas compounds

compounds, rhenium
USE rhenium compounds

compounds, rhodium
USE rhodium compounds

compounds, rubidium
USE rubidium compounds

compounds, ruthenium
USE ruthenium compounds

compounds, samarium
USE samarium compounds

compounds, scandium
USE scandium compounds

compounds, selenium
USE selenium compounds

compounds, sheet molding
USE sheet molding compounds

compounds, silicon
USE silicon compounds

compounds, silver
USE silver compounds

compounds, sodium
USE sodium compounds

compounds, strontium
USE strontium compounds

compounds, sulfur
USE sulfur compounds

compounds, tantalum
USE tantalum compounds

compounds, technetium
USE technetium compounds

compounds, tellurium
USE tellurium compounds

compounds, terbium
USE terbium compounds

compounds, thallium
USE thallium compounds

compounds, thorium
USE thorium compounds

compounds, thulium
USE thulium compounds

compounds, tin
USE tin compounds

compounds, titanium
USE titanium compounds

compounds, triethyl
USE triethyl compounds

compounds, trimethyl
USE trimethyl compounds

compounds, trinitro
USE trinitro compounds

compounds, tropyl
USE tropyl compounds

compounds, tungsten
USE tungsten compounds

compounds, uranium
USE uranium compounds

compounds, vanadium
USE vanadium compounds

compounds, vanadyl
USE vanadyl compounds

compounds, xenon
USE xenon compounds

compounds, ytterbium
USE ytterbium compounds

compounds, yttrium
USE yttrium compounds

compounds, zinc
USE zinc compounds

compounds, zirconium
USE zirconium compounds

compressed air

compressed gas

compressed video
USE video compression

compressibility

compressibility effects

compressible boundary layer

compressible flow

compressible fluids

compressing

compression, data
USE data compression

compression demodulators, frequency
USE frequency compression demodulators

compression inlets, internal
USE internal compression inlets

compression loads

compression loads, axial
USE axial compression loads

compression, magnetic
USE magnetic compression

compression, plasma
USE plasma compression

compression, pulse
USE pulse compression

compression ratio

compression, speech baseband
USE speech baseband compression

compression testers
USE compression tests

compression tests

compression tests, meteorite
USE compression tests
meteorites
mechanical properties

compression, video
USE video compression

compression waves

compressive strength

compressor blades

compressor efficiency

compressor rotors

compressors

compressors, axial
USE turbocompressors

compressors, axial flow
USE turbocompressors

compressors, centrifugal
USE centrifugal compressors

compressors, multistage
USE turbocompressors

compressors, supersonic
USE supersonic compressors

compressors, transonic
USE transonic compressors

compressors, turbo
USE turbocompressors

Compton effect

compulsators

compulsators

computation

computational astrophysics

computational chemistry

computational fluid dynamics

computational geometry

computational grids

computer aided design

computer aided engineering

USE computer aided design

computer aided manufacturing

computer aided mapping

computer aided tomography

computer animation

computer architecture

USE architecture (computers)

computer assisted instruction

computer bulletin boards

USE electronic bulletin boards

computer, CDC Cyber 74

USE CDC Cyber 74 computer

computer, CDC Cyber 174

USE CDC Cyber 174 computer

computer, CDC Cyber 175

USE CDC Cyber 175 computer

computer, CDC Cyber 203

USE CDC Cyber 203 computer

computer, CDC Cyber 205

USE CDC Cyber 205 computer

computer, CDC Star 100

USE CDC Star 100 computer

computer, CDC 160-A

USE CDC 160-A computer

computer, CDC 1604

USE CDC 1604 computer

computer, CDC 3100

USE CDC 3100 computer

computer, CDC 3200

USE CDC 3200 computer

computer, CDC 3600

USE CDC 3600 computer

computer, CDC 3800

USE CDC 3800 computer

computer, CDC 6400

USE CDC 6400 computer

computer, CDC 6600

USE CDC 6600 computer

computer, CDC 6700

USE CDC 6700 computer

computer, CDC 7600

USE CDC 7600 computer

computer, CDC 8090

USE CDC 8090 computer

computer codes

USE computer programs

computer compatible tapes

computer components

(computer components), ALU

USE arithmetic and logic units

computer conferencing

computer, Cyber 74

USE CDC Cyber 74 computer

computer, DDP 516

USE DDP 516 computer

computer design

computer, EAI 680

USE EAI 680 computer

computer, EAI 8400

USE EAI 8400 computer

computer, EAI 8900

USE EAI 8900 computer

computer, EMR 6050

USE EMR 6050 computer

computer, Ferranti Mercury

USE Ferranti Mercury computer

computer, GE 625

USE GE 625 computer

computer, GE 635

USE GE 635 computer

computer graphics

computer, Honeywell ADEPT

USE Honeywell ADEPT computer

computer, Honeywell DDP 116

USE Honeywell DDP 116 computer

computer, Honeywell 600/6000

USE Honeywell 600/6000 computer

computer, IBM 360

USE IBM 360 computer

computer, IBM 370

USE IBM 370 computer

computer, IBM 650

USE IBM 650 computer

computer, IBM 704

USE IBM 704 computer

computer, IBM 709

USE IBM 709 computer

computer, IBM 1130

USE IBM 1130 computer

computer, IBM 1401

USE IBM 1401 computer

computer, IBM 1410

USE IBM 1410 computer

computer, IBM 1620

USE IBM 1620 computer

computer, IBM 2250

USE IBM 2250 computer

computer, IBM 7030

USE IBM 7030 computer

computer, IBM 7040

USE IBM 7040 computer

computer, IBM 7044

USE IBM 7044 computer

computer, IBM 7070

USE IBM 7070 computer

computer, IBM 7074

USE IBM 7074 computer

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computer, IBM 7090

USE IBM 7090 computer

computer, IBM 7094

USE IBM 7094 computer

computer, Illiac 3

USE Illiac 3 computer

computer, Illiac 4

USE Illiac 4 computer

computer information security

computer interface, human-

USE man-computer interface

computer interface, man-

USE man-computer interface

computer interface, user-

USE man-computer interface

computer methods

USE computer programs

computer, MINOS

USE MINOS computer

computer, Modcomp II

USE Modcomp II computer

computer, Modcomp IV

USE Modcomp IV computer

computer network, ARPA

USE ARPA computer network

computer networks

(computer networks), LAN

USE local area networks

computer, PDP 7

USE PDP 7 computer

computer, PDP 8

USE PDP 8 computer

computer, PDP 9

USE PDP 9 computer

computer, PDP 10

USE PDP 10 computer

computer, PDP 11

USE PDP 11 computer

computer, PDP 11/20

USE PDP 11/20 computer

computer, PDP 11/40

USE PDP 11/40 computer

computer, PDP 11/45

USE PDP 11/45 computer

computer, PDP 11/50

USE PDP 11/50 computer

computer, PDP 11/70

USE PDP 11/70 computer

computer, PDP 12

USE PDP 12 computer

computer, PDP 15

USE PDP 15 computer

computer, Pegasus

USE Pegasus computer

computer, Philco 2000

USE Philco 2000 computer

computer program integrity

computer program reliability

USE software reliability

computer programming

computer programs

(computer programs), user manuals
USE user manuals (computer programs)

(computer programs), WINDOWS
USE WINDOWS (computer programs)

computer, RCA spectra 70
USE RCA spectra 70 computer

computer, SDS 930
USE SDS 930 computer

computer, SDS 9300
USE SDS 9300 computer

computer security
USE computer information security

computer, Siemens 2002
USE Siemens 2002 computer

computer, SIGMA 5
USE SIGMA 5 computer

computer, SIGMA 9
USE SIGMA 9 computer

computer simulation
USE computerized simulation

computer storage, cryogenic
USE cryogenic computer storage

(computer storage), delay lines
USE delay lines (computer storage)

computer storage devices

computer, System 10
USE PDP 10 computer

computer systems design

computer systems, embedded
USE embedded computer systems

computer systems performance**computer systems programs****computer systems simulation****computer techniques**

computer, Univac Larc
USE Univac Larc computer

computer, Univac 80
USE Univac 80 computer

computer, Univac 418
USE Univac 418 computer

computer, Univac 490
USE Univac 490 computer

computer, Univac 494
USE Univac 494 computer

computer, Univac 1105
USE Univac 1105 computer

computer, Univac 1106
USE Univac 1106 computer

computer, Univac 1107
USE Univac 1107 computer

computer, Univac 1108
USE Univac 1108 computer

computer, Univac 1110
USE Univac 1110 computer

computer, Univac 1230
USE Univac 1230 computer

computer, VAX-11/780
USE VAX-11/780 computer

computer viruses**computer vision**

computerized control
USE numerical control

computerized design
USE computer aided design

computerized simulation**computers**

(computers), accumulators
USE accumulators (computers)

computers, airborne/spaceborne
USE airborne/spaceborne computers

computers, analog
USE analog computers

(computers), applications programs
USE applications programs (computers)

(computers), architecture
USE architecture (computers)

(computers), associative processing
USE associative processing (computers)

(computers), auxiliary equipment
USE peripheral equipment (computers)

computers, CDC
USE CDC computers

computers, CDC Cyber 170 series
USE CDC Cyber 170 series computers

computers, CDC 6000 series
USE CDC 6000 series computers

computers, CDC 7000 series
USE CDC 7000 series computers

(computers), compilation
USE compilers

(computers), control data
USE control data (computers)

(computers), control units
USE control units (computers)

computers, counting rate
USE counting rate computers

computers, Cray
USE Cray computers

(computers), data transfer
USE data transfer (computers)

computers, DDP
USE DDP computers

computers, digital
USE digital computers

(computers), editing routines
USE editing routines (computers)

(computers), executive systems
USE operating systems (computers)

(computers), file maintenance
USE file maintenance (computers)

computers, flight
USE airborne/spaceborne computers

computers, GE
USE GE computers

computers, General Electric
USE GE computers

(computers), GUI
USE graphical user interface

(computers), program reliability

computers, Hewlett-Packard
USE Hewlett-Packard computers

computers, Honeywell
USE Honeywell computers

computers, hybrid
USE hybrid computers

computers, IBM
USE IBM computers

computers, IBM personal
USE IBM personal computers

computers, ICL
USE ICL computers

computers, Illiac
USE Illiac computers

(computers), instruction sets
USE instruction sets (computers)

Computers Limited, International
USE ICL computers

computers, Macintosh personal
USE Macintosh personal computers

(computers), memory
USE memory (computers)

computers, micro
USE microcomputers

(computers), MIMD
USE MIMD (computers)

computers, mini
USE minicomputers

(computers), MPP
USE massively parallel processors

(computers), multiprocessing
USE multiprocessing (computers)

(computers), multitasking
USE multiprogramming

(computers), natural language
USE natural language (computers)

computers, Nova
USE Nova computers

computers, onboard
USE airborne/spaceborne computers

(computers), operating systems
USE operating systems (computers)

computers, optical
USE optical computers

computers, parallel
USE parallel computers

(computers), parallel processing
USE parallel processing (computers)

computers, PDP
USE PDP computers

(computers), peripheral equipment
USE peripheral equipment (computers)

computers, personal
USE personal computers

(computers), pipelining
USE pipelining (computers)

(computers), processors
USE central processing units

(computers), program reliability
USE software reliability

(computers), program verification

(computers), program verification
USE program verification (computers)

(computers), protocol
USE protocol (computers)

computers, Raytheon
USE Raytheon computers

computers, RCA
USE RCA computers

computers, RCA-110
USE RCA-110 computers

(computers), registers
USE registers (computers)

(computers), response time
USE response time (computers)

(computers), run time
USE run time (computers)

(computers), SDP
USE site data processors

computers, SDS 900 series
USE SDS 900 series computers

computers, SEL
USE SEL computers

computers, sequential
USE sequential computers

computers, SIGMA
USE SIGMA computers

(computers), SIMD
USE SIMD (computers)

(computers), software
USE computer systems programs
computer programs

computers, Solomon
USE Solomon computers

computers, spacecraft
USE airborne/spaceborne computers

(computers), subroutine libraries
USE subroutine libraries (computers)

computers, super
USE supercomputers

computers, Univac
USE Univac computers

computers, Univac 1100 series
USE Univac 1100 series computers

computers, VAX
USE VAX computers

computers, VAX-11 series
USE VAX-11 series computers

(computers), vector processing
USE vector processing (computers)

Comsat program

ComStar C

ComStar satellites

concatenated codes

concavity

concentrating

concentration

concentration, atom
USE atom concentration

concentration, carbon dioxide
USE carbon dioxide concentration

concentration (composition)

(concentration), electron density
USE electron density (concentration)

concentration, ion
USE ion concentration

(concentration), ion density
USE ion density (concentration)

concentration, meteoroid
USE meteoroid concentration

(concentration), particle density
USE particle density (concentration)

(concentration), proton density
USE proton density (concentration)

concentration, stress
USE stress concentration

concentrations, low
USE low concentrations

concentrators

(concentrators), spirals
USE spirals (concentrators)

concentric cylinders

concentric spheres

concentricity

Concorde aircraft

concrete structures

concretes

concurrent processing

condensates

condensation

condensation, film
USE film condensation

condensation nuclei

condensation pumps

condensation trails
USE contrails

condensed matter physics

condenser radiators
USE condensers (liquefiers)
heat radiators

condensers

condensers, Gerdien
USE Gerdien condensers

condensers, jet
USE jet condensers

condensers (liquefiers)

condensers, spray
USE spray condensers

condensing

condition, Kutta-Joukowski
USE Kutta-Joukowski condition

condition, Lipschitz
USE Lipschitz condition

conditioned reflexes

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conditioned responses
USE conditioning (learning)

conditioning

conditioning, air
USE air conditioning

conditioning, de
USE deconditioning

conditioning equipment, air
USE air conditioning equipment

conditioning (learning)

conditioning, power
USE power conditioning

conditioning, pre
USE preconditioning

conditioning (treating)
USE treatment

conditions

conditions, adiabatic
USE adiabatic conditions

conditions, atmospheric
USE meteorology

conditions, boundary
USE boundary conditions

conditions, chronic
USE chronic conditions

conditions, congenital
USE congenital anomalies

conditions, drought
USE drought

conditions, flight
USE flight conditions

conditions, nonadiabatic
USE nonadiabatic conditions

conditions, nonequilibrium
USE nonequilibrium conditions

conditions, runway
USE runway conditions

conditions, weather
USE weather

Condon principle, Franck-
USE Franck-Condon principle

Condor missile

conductance
USE resistance

conductance, negative
USE negative conductance

conducting
USE conduction

conducting fluids

conducting media
USE conductors

conducting polymers

conduction

conduction bands

conduction electrons

conduction, heat
USE conductive heat transfer

conductive heat transfer

conductivity**conductivity, air**

USE air conductivity

conductivity, atmospheric

USE atmospheric conductivity

conductivity, electrical

USE electrical resistivity

conductivity gages, thermal

USE thermal conductivity gages

conductivity, ionic

USE ion currents

conductivity, ionospheric

USE ionospheric conductivity

conductivity, low

USE low conductivity

conductivity meters**conductivity meters, electrical**

USE electrical conductivity meters

conductivity, photo

USE photoconductivity

conductivity, plasma

USE plasma conductivity

conductivity, super

USE superconductivity

conductivity, thermal

USE thermal conductivity

conductor circuits, explodingUSE circuits
exploding wires**conductors****conductors, bus**

USE bus conductors

conductors, electric

USE electric conductors

conductors, exploding

USE exploding wires

conductors, flat

USE flat conductors

conductors, photo

USE photoconductors

conductors, super

USE superconductors

conductors, thermal

USE thermal conductors

cone expansion, light-

USE light-cone expansion

cones**cones, ablative nose**

USE ablative nose cones

cones, cinder

USE cones (volcanoes)

cones, circular

USE circular cones

cones, half

USE half cones

cones, Mach

USE Mach cones

cones, nose

USE nose cones

cones, rocket nose

USE rocket nose cones

cones, shatter

USE shatter cones

cones, slender

USE slender cones

cones (volcanoes)**conferences****conferencing, computer**

USE computer conferencing

confidence**confidence limits****configuration, hammerhead**

USE hammerhead configuration

configuration interaction**configuration management****configurations****configurations, aerodynamic**

USE aerodynamic configurations

configurations, aircraft

USE aircraft configurations

configurations, body-wing

USE body-wing configurations

configurations, body-wing and tail

USE body-wing and tail configurations

configurations, canard

USE canard configurations

configurations, dual wing

USE dual wing configurations

configurations, inlet airframe

USE inlet airframe configurations

configurations, launch vehicle

USE launch vehicle configurations

configurations, magnetic field

USE magnetic field configurations

configurations, missile

USE missile configurations

configurations, propulsion system

USE propulsion system configurations

configurations, satellite

USE satellite configurations

configurations, spacecraft

USE spacecraft configurations

configurations, spikes (aerodynamic)

USE spikes (aerodynamic configurations)

configurations, wing nacelle

USE wing nacelle configurations

configured vehicle program, terminal

USE terminal configured vehicle program

configured vehicles, control

USE control configured vehicles

confinement**confinement fusion, inertial**

USE inertial confinement fusion

confinement, plasma

USE plasma control

confining**confirmation**

USE proving

confluence

USE convergence

conformal mapping**conformal transformations**

USE conformal mapping

confusion**congeners****congenital anomalies****congenital conditions**

USE congenital anomalies

congestants, de

USE decongestants

congestion**Congo, Belgian**

USE Zaire

Congo (Brazzaville)**Congo, French Equatorial**

USE Congo (Brazzaville)

Congo (Kinshasa)

USE Zaire

congresses

USE conferences

congressional reports**congruences****conical bodies****conical camber****conical flare**

USE cones

conical flow**conical inlets****conical nozzles****conical scanning****conical shells****conics****conifers****conjugate gradient method****conjugate points****conjugated circuits****conjugates****conjugation****conjugation, phase**

USE phase conjugation

conjunction**conjunctiva****conjunctivitis****Connecticut****Connection Machine****connections**

USE joints (junctions)

connective tissue

connective tissue

connectors

connectors, electric

USE electric connectors

connectors (electric)

USE electric connectors

connectors, umbilical

USE umbilical connectors

(connectors), unions

USE unions (connectors)

conoids

USE conical bodies

consciousness

consciousness, un

USE unconsciousness

consecutive events

conservation

conservation, energy

USE energy conservation

conservation equations

conservation, fuel

USE fuel consumption

conservation laws

consistency

(consistency), paste

USE paste (consistency)

consistent fields, self

USE self consistent fields

consoles

consoles, remote

USE remote consoles

consolidation

consolidation, over

USE overconsolidation

consonants (speech)

constant

constant, dielectric

USE permittivity

constant, gravitational

USE gravitational constant

constant, Gruneisen

USE Gruneisen constant

constant, Hubble

USE Hubble constant

constant, perceptual time

USE perceptual time constant

constant, Plancks

USE Plancks constant

constant, solar

USE solar constant

constant speed propellers

USE variable pitch propellers

constant, time

USE time constant

constant volume balloons

USE superpressure balloons

constantan

constants

constants, elastic

USE elastic properties

constants testing reactor, physical

USE nuclear research and test reactors
water cooled reactors

Constellation aircraft, Lockheed

USE C-121 aircraft

Constellation, Andromeda

USE Andromeda Constellation

constellation, Aries

USE Aries constellation

constellation, Auriga

USE Auriga constellation

constellation, Cassiopeia

USE Cassiopeia constellation

constellation, Centaurus

USE Centaurus constellation

constellation, Cepheus

USE Cepheus constellation

constellation, Corona Borealis

USE Corona Borealis constellation

constellation, Cygnus

USE Cygnus constellation

constellation, Lyra

USE Lyra constellation

constellation, Orion

USE Orion constellation

constellation, Sagittarius

USE Sagittarius constellation

constellation, Scorpio

USE Scorpius constellation

constellation, Scorpius

USE Scorpius constellation

constellation, Scutum

USE Scutum constellation

constellation, Taurus

USE Taurus constellation

constellations

constitution

constitutional diagrams

USE phase diagrams

constitutive equations

constraints

constriction, vaso

USE vasoconstriction

constrictions

constrictors

construction

construction, aircraft

USE aircraft structures

construction equipment, lunar

USE lunar construction equipment

construction, filament wound

USE filament winding

construction in space

USE orbital assembly

construction industry

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construction materials

construction materials, aircraft

USE aircraft construction materials

construction materials, spacecraft

USE spacecraft construction materials

construction, missile

USE missile structures

construction, sandwich

USE sandwich structures

consulting

consumables (spacecraft)

consumables (spacecrew supplies)

consumers

consumption

consumption, energy

USE energy consumption

consumption, fuel

USE fuel consumption

consumption, oxygen

USE oxygen consumption

consumption, water

USE water consumption

contact dermatitis

contact lenses

contact loads

contact loads, rolling

USE rolling contact loads

contact potentials

contact resistance

contact, sliding

USE sliding contact

contact solar cells, wraparound

USE solar cells

contactors

contacts, brushes (electrical)

USE brushes (electrical contacts)

contacts, electric

USE electric contacts

contacts (electric)

USE electric contacts

contacts (geology)

containerless melts

containers

(containers), barrels

USE barrels (containers)

(containers), basins

USE basins (containers)

(containers), boxes

USE boxes (containers)

(containers), cases

USE cases (containers)

(containers), drums

USE drums (containers)

(containers), receptacles

USE containers

(containers), tanks
USE tanks (containers)

containment

contaminants

contaminants, radioactive
USE radioactive contaminants

contaminants, trace
USE trace contaminants

contamination

contamination, de
USE decontamination

contamination, fuel
USE fuel contamination

contamination, spacecraft
USE spacecraft contamination

content

content, bone mineral
USE bone mineral content

content, heat
USE enthalpy

content, moisture
USE moisture content

content, water
USE moisture content

context

context free languages

continental drift

continental margins
USE continental shelves

continental shelves

continents

contingency

continuity

continuity, dis
USE discontinuity

continuity equation

continuity (mathematics)

continuous flow electrophoresis
USE electrophoresis

continuous noise

continuous radiation

continuous radiation, modulated
USE modulated continuous radiation

continuous spectra

continuous wave lasers

continuous wave radar

continuous waves
USE continuous radiation

continuum flow

continuum mechanics

continuum modeling

continuum, space-time
USE relativity

continuums

contour matching navigation system, terrain
USE TERCOM

contour sensors

contours

contract incentives

contract management

contract negotiation

contraction

contraction, Fitzgerald-Lorentz
USE Lorentz contraction

contraction, Lorentz
USE Lorentz contraction

contractors

contracts

(contracts), insurance
USE insurance (contracts)

contracts, sub
USE subcontracts

contrails

contralateral functions

contrarotating propellers

contrast

contrast, image
USE image contrast

contrast, phase
USE phase contrast

control

control, access
USE access control

control, active
USE active control

control, adaptive
USE adaptive control

(control), AFC
USE automatic frequency control

(control), AGC
USE automatic gain control

control, air traffic
USE air traffic control

control, aircraft
USE aircraft control

control, airfoils, circulation
USE circulation control airfoils

control, altitude
USE altitude control

control, approach
USE approach control

control, attitude
USE attitude control

control, automatic
USE automatic control

control, automatic flight
USE automatic flight control

control, automatic frequency
USE automatic frequency control

control, automatic gain
USE automatic gain control

control, automatic landing
USE automatic landing control

control, bang-bang
USE off-on control

control boards

control, boundary layer
USE boundary layer control

control, cascade
USE cascade control

(control center), IMCC
USE integrated mission control center

control center, integrated mission
USE integrated mission control center

control, chemical reaction
USE chemical reaction control

control circuits, fire
USE fire control circuits

control coatings, thermal
USE thermal control coatings

control, combustion
USE combustion control

control, command and
USE command and control

control, command-
USE command and control

control, computerized
USE numerical control

control configured vehicles

control data (computers)

control devices
USE control equipment

control, directional
USE directional control

control, Discos (satellite attitude
USE Discos (satellite attitude control)

control, dynamic
USE dynamic control

control, electric
USE electric control

control, electrohydraulic
USE electric control
hydraulic control

control, electromagnetic
USE electromagnets
remote control

control, electronic
USE electronic control

control, engine
USE engine control

control engines, variable stream
USE variable stream control engines

control, environmental
USE environmental control

control equipment

control, FBL
USE fly by light control

control, feedback
USE feedback control

control, feedforward

control, feedforward
USE feedforward control

control, fire
USE fire control

control, flap
USE flaps (control surfaces)
aircraft control

control, flight
USE flight control

control, flood
USE flood control

control, fly by light
USE fly by light control

control, fly by tube
USE fly by tube control

control, fly by wire
USE fly by wire control

control, frequency
USE frequency control

control, fuel
USE fuel control

control, ground based
USE ground based control

control group, transponder
USE transponder control group

control, H-infinity
USE H-infinity control

control, harmonic
USE harmonic control

control, helicopter
USE helicopter control

control, hydraulic
USE hydraulic control

control (industry), process
USE process control (industry)

control, interactive
USE interactive control

control, jet
USE jet control

control, laminar flow
USE laminar boundary layer
boundary layer control

control, lateral
USE lateral control

control, linear quadratic Gaussian
USE linear quadratic Gaussian control

control, longitudinal
USE longitudinal control

control, LQG
USE linear quadratic Gaussian control

control, magnetic
USE magnetic control

control, manual
USE manual control

control, missile
USE missile control

control, model reference adaptive
USE model reference adaptive control

control moment gyroscopes

control, multivariable
USE multivariable control

control, network
USE network control

control, nuclear reactor
USE nuclear reactor control

control, numerical
USE numerical control

control, off-on
USE off-on control

control, optical
USE optical control

control, optimal
USE optimal control

control, optimum
USE optimal control

control panels
USE control boards

control, payload
USE payload control

control, phase
USE phase control

control, pitch attitude
USE longitudinal control

control, plasma
USE plasma control

control, pneumatic
USE pneumatic control

control, pollution
USE pollution control

control, porous boundary layer
USE porous boundary layer control

Control project, Submarine Integrated
USE Submarine Integrated Control project

control, proportional
USE proportional control

control, quality
USE quality control

control, radar approach
USE radar approach control

control, radio
USE radio control

control, range
USE trajectory control

(control), RAPCON
USE radar approach control

control, reaction
USE reaction control

control reactor, spectral shift
USE spectral shift control reactor

control, reliability
USE reliability engineering
quality control

control, remote
USE remote control

control, robot
USE robot control

control, rocket engine
USE rocket engine control

control rockets

control rods

control, roll
USE lateral control

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control rotors, circulation
USE circulation control rotors

control, satellite
USE satellite control

control, satellite attitude
USE satellite attitude control

control satellite, transit attitude
USE transit attitude control satellite

control, sequential
USE sequential control

control, servo
USE servocontrol

control, servostability
USE servocontrol

control, shape
USE shape control

control, shock wave
USE shock wave control

control simulation

control, space vehicle
USE spacecraft control

control, spacecraft
USE spacecraft control

control, spectral shift
USE spectral shift control

control, speed
USE speed control

control stability

control sticks

control surfaces

(control surfaces), elevators
USE elevators (control surfaces)

(control surfaces), flaps
USE flaps (control surfaces)

(control surfaces), tabs
USE tabs (control surfaces)

(control system), AFCS
USE automatic flight control

Control System, Airborne Warning and
USE AWACS aircraft

control systems
USE control

control systems, adaptive
USE adaptive control

control systems design

(control systems), MIMO
USE MIMO (control systems)

control systems, pointing
USE pointing control systems

control systems, self adaptive
USE self adaptive control systems

(control systems), SISO
USE SISO (control systems)

control, temperature
USE temperature control

control theory

(control), thermal barriers (plasma
USE thermal barriers (plasma control)

control, thrust
USE thrust control

control, thrust vector
USE thrust vector control

control, time optimal
USE time optimal control

control, TQM (quality)
USE total quality management

control, traffic
USE traffic control

control, trajectory
USE trajectory control

control, turbojet engine
USE turbojet engine control

(control), TVC
USE thrust vector control

control units (computers)

control valves

control valves, automatic
USE automatic control valves

control, vector
USE directional control

control, visual
USE visual control

control, voice
USE voice control

control, wave incidence
USE wave incidence control

control, weather
USE weather modification

controllability

controlled atmospheres

controlled avalanche transit time devices
USE CATT devices

controlled fusion

controlled oscillators, voltage
USE voltage controlled oscillators

controlled rectifiers, silicon
USE silicon controlled rectifiers

controlled stability
USE control

controllers

controllers (personnel), air traffic
USE air traffic controllers (personnel)

controllers, power factor
USE power factor controllers

controls, direct lift
USE direct lift controls

controls, inventory
USE inventory controls

Convair military aircraft
USE military aircraft
General Dynamics aircraft

Convair 340 aircraft
USE CV-340 aircraft

Convair 440 aircraft
USE CV-440 aircraft

Convair 880 aircraft
USE CV-880 aircraft

Convair 990 aircraft
USE CV-990 aircraft

convection

convection (astronomy), solar
USE solar convection (astronomy)

convection cells

convection clouds

convection currents

convection equation, diffusion-
USE convection-diffusion equation

convection, forced
USE forced convection

convection, free
USE free convection

convection, Marangoni
USE Marangoni convection

convection, Rayleigh-Benard
USE Rayleigh-Benard convection

convection, stellar
USE stellar convection

convection, thermal
USE free convection

convection-diffusion equation

convective flow

convective heat transfer

conventions

convergence

convergent nozzles

convergent zones, intertropical
USE intertropical convergent zones

convergent-divergent nozzles

conversation

conversion

conversion, bio
USE bioconversion

conversion efficiency, energy
USE energy conversion efficiency

conversion, electric power
USE electric generators

conversion, energy
USE energy conversion

conversion, frequency
USE frequency converters

conversion, geothermal energy
USE geothermal energy conversion

conversion, internal
USE internal conversion

conversion, metric
USE metrication

conversion, ocean thermal energy
USE ocean thermal energy conversion

conversion), organic wastes (fuel
USE organic wastes (fuel conversion)

conversion, ortho para
USE ortho para conversion

conversion, photothermal
USE photothermal conversion

conversion, photovoltaic
USE photovoltaic conversion

conversion routines, data
USE data conversion routines

conversion, satellite solar energy
USE satellite solar energy conversion

conversion, solar energy
USE solar energy conversion

conversion systems, thermionic
USE thermionic power generation

conversion systems, thermoelectric
USE thermoelectric power generation

conversion tables

conversion, turboelectric
USE turbogenerators

conversion, waterwave energy
USE waterwave energy conversion

convertaplanes
USE V/STOL aircraft

converters

converters (AC to AC), voltage
USE voltage converters (AC to AC)

converters (AC to DC), current
USE current converters (AC to DC)

converters, analog to digital
USE analog to digital converters

converters, binary to decimal
USE binary to decimal converters

converters, data
USE data converters

converters (DC to AC), inverted
USE inverted converters (DC to AC)

converters (DC to DC), voltage
USE voltage converters (DC to DC)

converters, decimal to binary
USE decimal to binary converters

converters, digital to analog
USE digital to analog converters

converters, down-
USE down-converters

converters, energy
USE direct power generators

converters, frequency
USE frequency converters

converters, image
USE image converters

converters, parametric frequency
USE parametric frequency converters

converters, power
USE power converters

converters, pulse width amplitude
USE pulse width amplitude converters

converters, solar
USE solar generators

converters, thermionic
USE thermionic converters

converters, torque
USE torque converters

converters, up-
USE up-converters

convertible fan-shaft engines

convertible fan-shaft engines

convexity

conveyors

convolution integrals

convolutions (mathematics)
USE convolution integrals

convulsants, anti
USE anticonvulsants

convulsions

Cook Inlet (AK)

Cookpot aircraft
USE TU-124 aircraft

cool stars

coolant loss
USE loss of coolant

coolant, loss of
USE loss of coolant

coolants

coolants, engine
USE engine coolants

coolants, organic
USE organic coolants

cooled fast reactors, gas
USE gas cooled fast reactors

cooled reactor, advanced sodium
USE advanced sodium cooled reactor

Cooled Reactor Experiment, Lithium
USE Lithium Cooled Reactor Experiment

cooled reactors, experimental gas
USE experimental gas cooled reactors

cooled reactors, experimental organic
USE experimental organic cooled reactors

cooled reactors, gas
USE gas cooled reactors

cooled reactors, high temperature gas
USE high temperature gas cooled reactors

cooled reactors, liquid
USE liquid cooled reactors

cooled reactors, liquid metal
USE liquid metal cooled reactors

cooled reactors, organic
USE organic cooled reactors

cooled reactors, water
USE water cooled reactors

coolers

coolers, Ettingshausen
USE Ettingshausen effect
thermoelectric cooling

cooling

cooling, absorption
USE absorption cooling

cooling, adiabatic demagnetization
USE adiabatic demagnetization cooling

cooling, air
USE air cooling

cooling (buildings), space
USE space cooling (buildings)

cooling, cryogenic
USE cryogenic cooling

cooling, evaporative
USE evaporative cooling

cooling, film
USE film cooling

cooling fins

cooling flows (astrophysics)

cooling, gas
USE gas cooling

cooling, liquid
USE liquid cooling

cooling, magnetic
USE magnetic cooling

cooling, plasma
USE plasma cooling

(cooling), quenching
USE quenching (cooling)

cooling, radiant
USE radiant cooling

cooling, regenerative
USE regenerative cooling

cooling, sodium
USE sodium cooling

cooling, solar
USE solar cooling

cooling, solid cryogen
USE solid cryogen cooling

cooling, super
USE supercooling

cooling, surface
USE surface cooling

cooling, sweat
USE sweat cooling

cooling systems

cooling, thermoelectric
USE thermoelectric cooling

cooling, thermomagnetic
USE thermomagnetic cooling

cooling, transpiration
USE sweat cooling

cooling, water
USE liquid cooling

Cooper-Schrieffer theory, Bardeen-
USE BCS theory

cooperation

cooperation, international
USE international cooperation

coordinate geometry language
USE COGO (programming language)

coordinate systems
USE coordinates

coordinate transformations

coordinates

coordinates, astronomical
USE astronomical coordinates

(coordinates), axes
USE coordinates

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coordinates, Cartesian
USE Cartesian coordinates

coordinates, curvilinear
USE spherical coordinates

coordinates, cylindrical
USE cylindrical coordinates

coordinates, geocentric
USE geocentric coordinates

coordinates, geodetic
USE geodetic coordinates

coordinates, Hylleraas
USE Hylleraas coordinates

coordinates, hyperbolic
USE hyperbolic coordinates

coordinates, inertial
USE inertial coordinates

coordinates, Lagrange
USE Lagrange coordinates

coordinates, oblique
USE oblique coordinates

coordinates, planetocentric
USE planetocentric coordinates

coordinates, polar
USE polar coordinates

coordinates, rectangular
USE Cartesian coordinates

coordinates, spherical
USE spherical coordinates

coordination

coordination polymers

coordinator, Langley complex
USE Langley complex coordinator

Copernicus spacecraft
USE OAO 3

copilots
USE aircraft pilots

coplanarity

copolymerization

copolymers

copolymers, block
USE block copolymers

copolymers, vinyl
USE vinyl copolymers

copper

copper alloys

copper chlorides

copper compounds

copper fluorides

copper isotopes

copper oxides

copper selenides

copper sulfides

(copying), reproduction
USE reproduction (copying)

copyrights

coral heads

USE coral reefs

coral reefs**cord, spinal**

USE spinal cord

cordage**cordierite****cordite**USE colloidal propellants
double base propellants**cords, vocal**

USE vocal cords

core, Earth

USE Earth core

core flow**core, lunar**

USE lunar core

core pulse reactors, annular

USE annular core pulse reactors

core reactors, plasma

USE plasma core reactors

core sampling**core storage****cores****cores, honeycomb**

USE honeycomb cores

cores, magnetic

USE magnetic cores

cores, planetary

USE planetary cores

cores, reactor

USE reactor cores

cores, stellar

USE stellar cores

Coriolis effect**cork (materials)****corn****cornea****corner flow****corner reflectors, radar**

USE radar corner reflectors

corners**Corona Borealis constellation****corona discharges**

USE electric corona

corona, electric

USE electric corona

corona, solar

USE solar corona

Coronae Borealis stars, R

USE R Coronae Borealis stars

coronagraphs**coronal holes****coronal loops****coronary artery disease****coronary circulation****coronas****coronas, stellar**

USE stellar coronas

corotation**Corp aircraft, British Aircraft**

USE BAC aircraft

Corporal missile**corpuscles (blood)**

USE blood cells

corpuscular radiation**corpuscular radiation, solar**

USE solar corpuscular radiation

correcting codes, error

USE error correcting codes

correcting devices, error

USE error correcting devices

correction**correction, atmospheric**

USE atmospheric correction

correction procedure, optical

USE optical correction procedure

correction, radiometric

USE radiometric correction

corrector methods, predictor-

USE predictor-corrector methods

correlation**correlation, angular**

USE angular correlation

correlation, auto

USE autocorrelation

correlation coefficients**correlation, cross**

USE cross correlation

correlation, data

USE data correlation

correlation detection**correlation functions**

USE correlation

correlation, spectral

USE spectral correlation

correlation, statistical

USE statistical correlation

correlator), SIMICOR (image

USE image correlators

correlator, simultaneous image

USE image correlators

correlators**correlators, image**

USE image correlators

correlators, optical

USE optical correlators

Corridor (MO), St Louis-Kansas City

USE St Louis-Kansas City Corridor (MO)

Corridor (North America), Great Plains

USE Great Plains Corridor (North America)

corridors**corrosion****corrosion, cavitation**

USE cavitation corrosion

corrosion cracking, stress

USE stress corrosion cracking

corrosion, electrochemical

USE electrochemical corrosion

corrosion, fretting

USE fretting corrosion

corrosion, fuel

USE fuel corrosion

corrosion, hot

USE hot corrosion

corrosion, intergranular

USE intergranular corrosion

corrosion, metal

USE corrosion

corrosion prevention**corrosion resistance****(corrosion), scale**

USE scale (corrosion)

corrosion, stress

USE stress corrosion

corrosion test loops**corrosion tests****corrosion, transgranular**

USE transgranular corrosion

corrugated plates**corrugated shells****corrugating****Corsair aircraft**

USE A-7 aircraft

cortex, cerebral

USE cerebral cortex

cortexes**cortexes (botany)****Corti organ****corticosteroid, hydroxy**

USE hydroxycorticosteroid

corticosteroids**cortisone****corundum**

USE aluminum oxides

Corvus missile**COS-B satellite****cosine series****Cosmic Background Explorer satellite****cosmic dust****cosmic gamma ray bursts**

USE gamma ray bursts

cosmic gases**cosmic noise****cosmic plasma**

cosmic radiation

cosmic radiation
USE cosmic rays

cosmic radio waves
USE extraterrestrial radio waves

cosmic ray albedo

cosmic ray primaries, heavy
USE heavy nuclei
primary cosmic rays

cosmic ray showers

cosmic rays

cosmic rays, galactic
USE galactic cosmic rays

cosmic rays, primary
USE primary cosmic rays

cosmic rays, secondary
USE secondary cosmic rays

cosmic rays, solar
USE solar cosmic rays

cosmic x rays

cosmochemistry

cosmogony
USE cosmology

cosmology

cosmology, big bang
USE big bang cosmology

cosmonauts

cosmos

Cosmos satellites

Cosmos 2 satellite

Cosmos 3 satellite

Cosmos 5 satellite

Cosmos 6 satellite

Cosmos 14 satellite

Cosmos 44 satellite

Cosmos 54 satellite

Cosmos 71 satellite

Cosmos 110 satellite

Cosmos 137 satellite

Cosmos 144 satellite

Cosmos 149 satellite

Cosmos 166 satellite

Cosmos 186 satellite

Cosmos 188 satellite

Cosmos 206 satellite

Cosmos 213 satellite

Cosmos 224 satellite

Cosmos 225 satellite

Cosmos 381 satellite

Cosmos 782 satellite

Cosmos 936 satellite

Cosmos 954 satellite

Cosmos 1129 satellite

COSPAR (committee)
USE Committee on Space Research

COSPAS

Cosserat surfaces

cost analysis

cost, design to
USE design to cost

cost effectiveness

cost estimates

cost incentives

cost, low
USE low cost

cost reduction

Costa Rica

costs

costs, aircraft production
USE aircraft production costs

costs, freight
USE freight costs

costs, life cycle
USE life cycle costs

costs, operating
USE operating costs

costs, production
USE production costs

Cote d'Ivoire

cotton

cotton fibers

couches

Couette flow

Cougar aircraft
USE F-9 aircraft

cough

coulees
USE canyons

Coulomb collisions

Coulomb potential

coulometers

coulometry

countdown

counter rotation

counter-rotating wheels

counterbalances

counterflow

countermeasures

countermeasures, electronic
USE electronic countermeasures

countermeasures, optical
USE optical countermeasures

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counters

counters, Cerenkov
USE Cerenkov counters

counters, electron
USE electron counters

counters, gas discharge
USE counters
gas discharge tubes

counters, Geiger
USE Geiger counters

counters, ionization
USE radiation counters

counters, neutron
USE neutron counters

counters, particle
USE radiation counters

counters, proportional
USE proportional counters

counters, quantum
USE quantum counters

counters, radiation
USE radiation counters

counters, scintillation
USE scintillation counters

countersinking

counting

counting circuits

counting rate computers

County achondrite, Norton
USE Norton County achondrite

coupled devices, charge
USE charge coupled devices

coupled modes

coupled plasmas, strongly
USE strongly coupled plasmas

couplers

couplers, antenna
USE antenna couplers

couplers, directional
USE directional couplers

couples

coupling

coupling, acoustic
USE acoustic coupling

coupling circuits

coupling coefficients

coupling, cross
USE cross coupling

coupling, de
USE decoupling

coupling, electromagnetic
USE electromagnetic coupling

coupling, gyroscopic
USE gyroscopic coupling

coupling, ionosphere-magnetosphere
USE magnetosphere-ionosphere coupling

coupling, magnetosphere-ionosphere
USE magnetosphere-ionosphere coupling

coupling, microwave
USE microwave coupling

coupling, mode
USE coupled modes

coupling, optical
USE optical coupling

coupling, spin-spin
USE spin-spin coupling

coupling, thermodynamic
USE thermodynamic coupling

coupling, velocity
USE velocity coupling

couplings

Courier aircraft
USE U-10 aircraft

Courier satellite

courses
USE paths

covalence

covalent bonds

covariance

cover, cloud
USE cloud cover

cover, snow
USE snow cover

coverage antennas, high resolution
USE high resolution coverage antennas

coveralls

coverings

coves
USE bays (topographic features)

Cowell method
USE numerical integration

cowlings

Cr
USE chromium

Crab nebula

crabs

crack arrest

crack closure

crack formation
USE crack initiation

crack geometry

crack, Griffith
USE Griffith crack

crack initiation

crack opening displacement

crack propagation

crack tips

cracking (chemical engineering)

cracking (fracturing)

cracking, stress corrosion
USE stress corrosion cracking

cracks

(cracks), COD
USE crack opening displacement

cracks, micro
USE microcracks

cracks, short
USE short cracks

cracks, surface
USE surface cracks

CRAF mission
USE Comet Rendezvous Asteroid Flyby Mission

craft
USE vehicles

craft, hydrofoil
USE hydrofoil craft

Craft reaction, Friedel-
USE Friedel-Craft reaction

cramps

Crane helicopter, Flying
USE H-17 helicopter

cranes

cranes, gantry
USE gantry cranes

cranium

Crank-Nicholson method

cranked wings
USE swept wings

cranks
USE eccentrics

crash injuries

crash landing

crashes

crashworthiness

Crater, Ptolemaeus
USE Ptolemaeus Crater

crater, Tycho
USE Tycho crater

cratering

cratering, hypervelocity
USE hypervelocity projectiles
projectile cratering

cratering, projectile
USE projectile cratering

craters

craters, fossil meteorite
USE fossils
meteorite craters

craters, lunar
USE lunar craters

craters, Mars
USE Mars craters

craters, meteor
USE craters

craters, meteorite
USE meteorite craters

craters, meteoroid
USE meteorite craters

craters, planetary
USE planetary craters

cratons

crawler tractors

Cray computers

crayons

crazing
USE surface cracks

creatine

creatinine

creation
USE creativity

creativity

creep analysis

creep buckling

creep diagrams

creep properties

creep resistance
USE creep strength

creep rupture strength

creep, shear
USE shear creep

creep, steady state
USE steady state creep

creep strength

creep, tensile
USE tensile creep

creep tests

crepe

cresols

crestatrons
USE traveling wave tubes

crests
USE waves

Cretaceous Period

Cretaceous-Tertiary boundary

crevasses

crevices
USE cracks

crew experiment stations

crew observation stations

crew procedures (inflight)

crew procedures (preflight)

crew size

crew stations
USE crew workstations

crew workstations

crews

crews, flight
USE flight crews

crews, ground
USE ground crews

crews, space
USE spacecrews

crickets

crickets

crime

crimping
USE folding

criteria

criteria, structural design
USE structural design criteria

critical experiments

critical flicker fusion

critical flow

critical frequencies

critical loading

critical Mach number
USE critical velocity
Mach number

critical mass

critical path method

critical point

critical pressure

critical Reynolds number
USE Reynolds number

critical speed
USE critical velocity

critical stress
USE critical loading

critical temperature

critical velocity

Crocco method

Crocco-Lee theory

Croloy

crop calendars

crop dusting

crop growth

crop identification

crop inventories

Crop inventories by Remote Sensing
USE AgRISTARS project

Crop Inventory Experiment, Large Area
USE Large Area Crop Inventory Experiment

crop vigor

croplands
USE farmlands

crops

crops, farm
USE farm crops

cross correlation

cross coupling

cross faults
USE geological faults

cross flow

cross modulation, ionospheric
USE ionospheric cross modulation

cross polarization

cross relaxation

cross sections

cross sections, absorption
USE absorption cross sections

cross sections, capture
USE absorption cross sections

cross sections, ionization
USE ionization cross sections

cross sections, neutron
USE neutron cross sections

cross sections, radar
USE radar cross sections

cross sections, scattering
USE scattering cross sections

crossbedding (geology)

crossed field amplifiers

crossed field guns

crossed fields

crossings

crossings, zero
USE roots of equations

crosslinking

crossovers

crosstalk

crotchets, geomagnetic
USE sudden ionospheric disturbances

crowding

CRRES (satellite)

crucibles

cruciform wings

crude oil

cruise aircraft research, supersonic
USE supersonic cruise aircraft research

cruise missiles

cruising flight

Crusader aircraft
USE F-8 aircraft

crushers

crushing

crust, Earth
USE Earth crust

crust, lunar
USE lunar crust

crustal dynamics
USE Earth crust
geodynamics

crustal fractures

crusts

crusts, planetary
USE planetary crusts

cryochemistry

cryocycle principle

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cryodeposits

cryogen cooling, solid
USE solid cryogen cooling

cryogenic computer storage

cryogenic cooling

cryogenic equipment

cryogenic fluid storage

cryogenic fluids

cryogenic gyroscopes

cryogenic magnets

cryogenic rocket propellants

cryogenic storage

cryogenic temperature

cryogenic wind tunnels

cryogenics

cryogens, solid
USE solid cryogens

cryolite

cryopumping

cryosar

cryosorption
USE sorption

cryostats

cryotrapping

cryotrons

cryptography

crystal defects

(crystal defects), vacancies
USE vacancies (crystal defects)

crystal dislocations

crystal field splitting
USE crystal field theory

crystal field theory

crystal fields
USE crystal field theory

crystal filters

crystal growth

crystal growth, hydrothermal
USE hydrothermal crystal growth

(crystal growth), melts
USE melts (crystal growth)

crystal growth, protein
USE protein crystal growth

crystal lattices

crystal optics

crystal oscillators

crystal rectifiers

crystal structure

crystal surfaces

crystallinity

crystallites

crystallization

crystallography

crystals

crystals, bi
USE bicrystals

crystals, Bravais
USE Bravais crystals

crystals, dendritic
USE dendritic crystals

(crystals), directional solidification
USE directional solidification (crystals)

crystals, doped
USE doped crystals

crystals, ionic
USE ionic crystals

crystals, liquid
USE liquid crystals

crystals, metal
USE metal crystals

crystals, micro
USE microcrystals

crystals, mixed
USE mixed crystals

crystals, piezoelectric
USE piezoelectric crystals

crystals, poly
USE polycrystals

crystals, quartz
USE quartz crystals

crystals, single
USE single crystals

(crystals), whiskers
USE whiskers (crystals)

Cs
USE cesium

CSM
USE command service modules

CT
USE Connecticut

(CT), New Haven
USE New Haven (CT)

CT-114 aircraft
USE CL-41 aircraft

CTD
USE charge transfer devices

Cu
USE copper

Cu-O superconductors, Bi-Sr-Ca-
USE BSCCO superconductors

Cu-O superconductors, Y-Ba-
USE YBCO SUPERCONDUCTORS

Cuba

cubane

cubes (mathematics)

cubic equations

cubic lattices

cubic lattices, body centered
USE body centered cubic lattices

cubic lattices, face centered
USE face centered cubic lattices

cues

cuestas
USE ridges

cuffs

cultivation

cultural resources

culture (social sciences)

culture techniques

cumulative damage

cumulonimbus clouds

cumulus clouds

cupolas

curare

cures

Curie temperature

Curie-Weiss law

curling

curlum

curlum compounds

curlum isotopes

curium 242

curium 244

curl (materials)

curl (vectors)

(current), AC
USE alternating current

current algebra

current, alternating
USE alternating current

current amplifiers

current converters (AC to DC)

(current), DC
USE direct current

current density

current, direct
USE direct current

current distribution

current, electric
USE electric current

current generators, alternating
USE AC generators

current generators, direct
USE DC generators

current, high
USE high current

current, line
USE line current

current, Lomonosov
USE Lomonosov current

current regulators

current sheets

current stabilizers
USE current regulators

currents

currents, air
USE air currents

currents, beam
USE beam currents

currents, Birkeland
USE Birkeland currents

currents, coastal
USE coastal currents

currents, convection
USE convection currents

currents, Earth
USE telluric currents

currents, eddy
USE eddy currents

currents, external surface
USE external surface currents

currents, field aligned
USE field aligned currents

currents, Hall
USE Hall effect
electric current

currents, ion
USE ion currents

currents, ionospheric
USE ionospheric currents

currents, littoral
USE coastal currents

currents, longshore
USE coastal currents

currents, low
USE low currents

currents, neutral
USE neutral currents

currents, ocean
USE ocean currents

currents (oceanography)
USE water currents

currents, plasma
USE plasma currents

currents, ring
USE ring currents

currents, short circuit
USE short circuit currents

currents, telluric
USE telluric currents

currents, thermal
USE convective flow

currents, threshold
USE threshold currents

currents, vector
USE vector currents

currents, vertical air
USE vertical air currents

currents, water

currents, water

USE water currents

curtains

Curtiss C-46 aircraft
USE C-46 aircraft

Curtiss-Wright aircraft

Curtiss-Wright military aircraft
USE Curtiss-Wright aircraft
military aircraft

curvature

curve, Bragg
USE Bragg curve

curve fitting

curve, light
USE light curve

curved beams

curved panels

curved surfaces
USE contours
surfaces
shapes

curves

curves (geometry)

curves, Gompertz
USE Gompertz curves

curves, Hill
USE Hill method

curves, learning
USE learning curves

curves, S
USE S curves

curves, zero force
USE zero force curves

curvilinear coordinates
USE spherical coordinates

cushion landing systems, air
USE air cushion landing systems

cushion vehicles, air
USE ground effect machines

Cushioncraft ground effect machine

cushions

cusps

cusps, double
USE double cusps

cusps (landforms)

cusps (mathematics)

cusps, polar
USE polar cusps

custom integrated circuits
USE application specific integrated circuits

cut-off

cut-outs
USE openings

cutaneous perception
USE touch

cutters

(cutters), blades
USE blades (cutters)

cutting

(cutting), blanking
USE blanking (cutting)

cutting, laser
USE laser cutting

cutting, metal
USE metal cutting

cutting, plasma arc
USE plasma arc cutting

CV-2 aircraft
USE DHC 4 aircraft

CV-7 aircraft
USE DHC 5 aircraft

CV-340 aircraft

CV-440 aircraft

CV-880 aircraft

CV-990 aircraft

CVD (deposition)
USE vapor deposition

CVI (fabrication)
USE chemical vapor infiltration

CW radar
USE continuous wave radar

cyanamides

cyanates

cyanates, diiso
USE diisocyanates

cyanates, iso
USE isocyanates

cyanide emission
USE CN emission

cyanide lasers, hydrogen
USE HCN lasers

cyanide, methyl
USE acetonitrile

cyanide, vinyl
USE acrylonitriles

cyanides

cyanides, hydrogen
USE hydrocyanic acid

cyanides, iron
USE iron cyanides

cyan compounds

cyanocetylene

cyanocobalamin

cyanogen

Cyanophyta
USE blue green algae

cyanosis

cyanurates

cyanuric acid

Cyber 74 computer
USE CDC Cyber 74 computer

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Cyber 74 computer, CDC
USE CDC Cyber 74 computer

Cyber 170 series computers, CDC
USE CDC Cyber 170 series computers

Cyber 174 computer, CDC
USE CDC Cyber 174 computer

Cyber 175 computer, CDC
USE CDC Cyber 175 computer

Cyber 203 computer, CDC
USE CDC Cyber 203 computer

Cyber 205 computer, CDC
USE CDC Cyber 205 computer

cybernetics

cycle, Brayton
USE Brayton cycle

cycle, carbon
USE carbon cycle

cycle, Carnot
USE Carnot cycle

cycle costs, life
USE life cycle costs

cycle engines, liquid air
USE liquid air cycle engines

cycle engines, topping
USE topping cycle engines

cycle engines, variable
USE variable cycle engines

cycle, hydrological
USE hydrological cycle

cycle (hydrology), water
USE hydrological cycle

cycle, Krebs
USE Krebs cycle

cycle, Otto
USE Otto cycle

cycle power generation, combined
USE combined cycle power generation

cycle propulsion system, hot
USE tip driven rotors

cycle, Rankine
USE Rankine cycle

cycle, Stirling
USE Stirling cycle

cycle, sunspot
USE sunspot cycle

cycle, work-rest
USE work-rest cycle

cycles

cycles (biology), activity
USE activity cycles (biology)

cycles, closed
USE closed cycles

cycles, regenerative
USE regeneration (engineering)

cycles, solar
USE solar cycles

cycles, stress
USE stress cycles

cycles, thermodynamic
USE thermodynamic cycles

cyclic accelerators

cyclic adenosine monophosphate
USE cyclic AMP

cyclic AMP

cyclic compounds

cyclic hydrocarbons

cyclic loads

cycling
USE cycles

cycling tests, thermal
USE thermal cycling tests

cyclobutane

cyclogenesis

cyclohexane

cycloids

cycloids, epi
USE epicycloids

cyclones

cyclones, anti
USE anticyclones

cyclones (equipment)
USE centrifuges

cyclopropane

Cyclops plasma accelerator

cyclotetramethylene tetranitramine
USE HMX

cyclotrimethylene trinitramine
USE RDX

cyclotron frequency

cyclotron heating, electron
USE electron cyclotron heating

cyclotron, Oak Ridge isochronous
USE Oak Ridge isochronous cyclotron

cyclotron, ORIC
USE Oak Ridge isochronous cyclotron

cyclotron radiation

cyclotron radiation, ion
USE ion cyclotron radiation

cyclotron resonance

cyclotron resonance devices

cyclotrons

cyclotrons, geo
USE geocyclotrons

cyclotrons, synchro
USE synchrocyclotrons

Cygnus constellation

cylinder bodies, hemisphere
USE hemisphere cylinder bodies

cylinders

cylinders, circular
USE circular cylinders

cylinders, concentric
USE concentric cylinders

cylinders, elastic
USE elastic cylinders

cylinders, elliptical
USE elliptical cylinders

cylinders, orthotropic
USE orthotropic cylinders

cylinders, oscillating
USE oscillating cylinders

cylinders, plasma
USE plasma cylinders

cylinders, rotating
USE rotating cylinders

cylinders, viscoelastic
USE viscoelastic cylinders

cylindrical afterbodies
USE cylindrical bodies
afterbodies

cylindrical antennas

cylindrical bodies

cylindrical chambers

cylindrical coordinates

cylindrical plasmas

cylindrical shells

cylindrical tanks

cylindrical waves

cylindroids
USE cylindrical bodies

Cyprus

Cyrrilid meteoroids

cysteamine

cysteine

cystic fibrosis

cysts

cytidylic acid

cytochromes

cytogenesis

cytology

(cytology), nuclei
USE nuclei (cytology)

cytometry

cytophotometry
USE cytometry

cytoplasm

Czechoslovakia

Czechoslovakian space program

Czechoslovakian spacecraft

Czocharlski method

D

D, AIMP-
USE Explorer 33 satellite

D, Atmosphere Explorer
USE Explorer 54 satellite

D, Earth Resources Technology Satellite
USE Landsat 4

D, Energetic Particle Explorer
USE Explorer 26 satellite

D, EPE-
USE Explorer 26 satellite

D, ERTS-
USE Landsat 4

D ICBM, Atlas
USE Atlas D ICBM

D, IMP-
USE Explorer 33 satellite

D launch vehicle, Saturn
USE Saturn D launch vehicle

D layer
USE D region

D lines

D, Ioran
USE Ioran D

D, Lunar Orbiter
USE Lunar Orbiter 4

D, OGO-
USE OGO-4

D, OSO-
USE OSO-4

D region

D rocket vehicle, Agena
USE Agena D rocket vehicle

D, SAS-
USE IUE

D satellite, AE-
USE Explorer 54 satellite

D SATELLITE, EXOS-
USE EXOS-D SATELLITE

D satellite, GEOS-
USE GEOS-D satellite

D satellite, TIROS
USE TIROS 4 satellite

D, Space Shuttle mission 31-
USE Space Shuttle mission 31-D

D, Space Shuttle mission 41-
USE Space Shuttle mission 41-D

D, Space Shuttle mission 51-
USE Space Shuttle mission 51-D

D, Space Shuttle upper stage
USE Space Shuttle upper stage D

D, SSUS-
USE Space Shuttle upper stage D

D, vitamin
USE calciferol

D-1 satellite

D-2 satellites

D-2B satellite
USE D-2 satellites

D-558 aircraft

D-558 aircraft, Douglas
USE D-558 aircraft

d'Ivoire, Cote
USE Cote d'Ivoire

Dacron (trademark)

Dacron (trademark)

DAD Explorer

USE Dual Air Density Explorer

DAEMO (data analysis)

USE data transmission
data processing
data reduction

Dagger aircraft, Delta

USE F-102 aircraft

Dahomey

USE Benin

Dakota aircraft

USE C-47 aircraft

Dakota, North

USE North Dakota

Dakota, South

USE South Dakota

Dalton law

DAMA

USE demand assignment multiple access

damage

damage assessment

damage, brain

USE brain damage

damage, cumulative

USE cumulative damage

damage, earthquake

USE earthquake damage

damage, fire

USE fire damage

damage, flood

USE flood damage

damage, frost

USE frost damage

damage, impact

USE impact damage

damage, insect

USE infestation

damage, laser

USE laser damage

damage, meteoritic

USE meteoritic damage

damage, proton

USE proton damage

damage, radiation

USE radiation damage

damage, rain impact

USE rain impact damage

damage, storm

USE storm damage

damage threshold

USE yield point

Damkohler number

DAMP program

USE Downrange Antimissile Measurement Program

dampers

dampers, gyro

USE gyrodamper

dampers, nutation

USE nutation dampers

dampers, oscillation

USE oscillation dampers

dampers (valves)

dampers, vibration

USE vibration isolators

damping

damping, elastic

USE elastic damping

damping factor

USE damping

damping in pitch

USE damping
pitch (inclination)

damping in roll

USE damping

damping in yaw

USE damping
yaw

damping, jet

USE spin reduction
damping

damping, Landau

USE Landau damping

damping tests

damping, vibration

USE vibration damping

damping, viscoelastic

USE viscoelastic damping

damping, viscous

USE viscous damping

dampness

USE moisture content

dams

Dane (radar), Cobra

USE Cobra Dane (radar)

danger

USE hazards

Danish space program

dark adaptation

dark matter

dark space, Faraday

USE Faraday dark space

darkening

darkening, limb

USE limb darkening

darkness

darkrooms

Dart aircraft, Delta

USE F-106 aircraft

Dart rocket, Judi-

USE Judi-Dart rocket

Dart turboprop engines

USE turboprop engines

Dash helicopter

USE QH-50 helicopter

Dassault aircraft

Dassault Mirage 3 aircraft

USE Mirage 3 aircraft

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Dassault Mystere 20 aircraft

USE Mystere 20 aircraft

Dassault Mystere 50 aircraft

USE Mystere 50 aircraft

DAST program

data

Data Acq Network, Satellite Tracking and

USE STDN (network)

data acquisition

data acquisitions systems, ocean

USE ocean data acquisitions systems

data adaptive evaluator/monitor

USE data reduction
data transmission
data processing

data, analog

USE analog data

data analysis

USE data processing
data reduction

(data analysis), DAEMO

USE data processing
data transmission
data reduction

data, audio

USE audio data

data base management systems

data bases

data bases, numerical

USE numerical data bases

data, binary

USE binary data

data, biomedical

USE biomedical data

data busses

USE channels (data transmission)

data centers, world

USE world data centers

data collection platforms

data compaction

USE data compression

data compression

data (computers), control

USE control data (computers)

data conversion routines

data converters

data correlation

data, digital

USE digital data

(data exchange), IDEP

USE interservice data exchange program

data exchange program, interservice

USE interservice data exchange program

data flow analysis

data handling systems

USE data systems

data integration

data links

data management

data (mathematics), censored
USE censored data (mathematics)

data network, space flight tracking and
USE space flight tracking and data network

Data Network, Spacecraft Tracking and
USE STDN (network)

data platforms, ocean
USE ocean data acquisitions systems

data processing

data processing, automatic
USE data processing

data processing equipment

(data processing), frames
USE frames (data processing)

data processing, onboard
USE onboard data processing

data processing, optical
USE optical data processing

(data processing), printers
USE printers (data processing)

data processing terminals

data processing, voice
USE voice data processing

data processors
USE data processing equipment

data processors, site
USE site data processors

data, radar
USE radar data

data readout systems
USE data systems
display devices

data recorders

data recorders, weather
USE weather data recorders

data recording**data reduction**

(data reduction), TARE
USE data reduction

data relay satellites, tracking and
USE TDR satellites

data retrieval**data sampling****data simulation****data smoothing**

data stations, ocean
USE ocean data acquisitions systems

data storage

data storage materials, optical
USE optical data storage materials

(data storage), optical memory
USE optical memory (data storage)

data stream, multiple instruction multiple
USE MIMD (computers)

data structures

Data System, NASA End-to-End
USE needs (data system)

(data system), needs
USE needs (data system)

data systems

data systems, air
USE air data systems

data systems, end-to-end
USE end-to-end data systems

data systems, sampled
USE sampled data systems

(data), tables
USE tables (data)

data transfer (computers)**data transmission**

(data transmission), channels
USE channels (data transmission)

data, video
USE video data

data visualization
USE scientific visualization

datastream, single instruction multiple
USE SIMD (computers)

dates, launch
USE launch dates

dating
USE time measurement
chronology

dating, radioactive
USE radioactive age determination

dating, tree ring
USE dendrochronology

datum (elevation)**dawn chorus**

(dawn phenomenon), chorus
USE dawn chorus

dawsonite

day variation, twenty-seven
USE twenty-seven day variation

dayglow**daytime****DBR lasers**

DBS (satellites)
USE direct broadcast satellites

DC
USE District of Columbia

DC (current)
USE direct current

DC), current converters (AC to
USE current converters (AC to DC)

DC generators

(DC to AC), inverted converters
USE inverted converters (DC to AC)

(DC to DC), voltage converters
USE voltage converters (DC to DC)

DC), voltage converters (DC to
USE voltage converters (DC to DC)

DC 3 aircraft**DC 7 aircraft****DC 8 aircraft****DC 9 aircraft****DC 10 aircraft**

DC-3 aircraft, Douglas
USE DC 3 aircraft

DC-7 aircraft, Douglas
USE DC 7 aircraft

DC-8 aircraft, Douglas
USE DC 8 aircraft

DC-9 aircraft, Douglas
USE DC 9 aircraft

(DCS), defense communications system
USE defense communications system (DCS)

DDP computers

DDP 116 computer, Honeywell
USE Honeywell DDP 116 computer

DDP 516 computer**DDT**

DE
USE Delaware

de Broglie wavelengths

de Graaff accelerators, Van
USE Van de Graaff accelerators

de Havilland aircraft

de Havilland DH 106 aircraft
USE Comet 4 aircraft

de Havilland DH 112 aircraft
USE DH 112 aircraft

de Havilland DH 115 aircraft
USE DH 115 aircraft

de Havilland DH 121 aircraft
USE DH 121 aircraft

de Havilland DH 125 aircraft
USE DH 125 aircraft

de Havilland DHC 4 aircraft
USE DHC 4 aircraft

de Havilland DHC 5 aircraft
USE DHC 5 aircraft

de Havilland Venom aircraft
USE DH 112 aircraft

de Laval nozzles
USE convergent-divergent nozzles

(DE-MD-VA), Delmarva Peninsula
USE Delmarva Peninsula (DE-MD-VA)

deacclimatization
USE acclimatization

deactivation**dead reckoning**

deadweight
USE static loads

deafness
USE auditory defects

death**Death Valley (CA)**

Debonair aircraft
USE C-33 aircraft

debonding (materials)

debonding (materials)

debris

debris, radioactive
USE radioactive debris

debris, space
USE space debris

debugging
USE checkout

Debye length

Debye temperature
USE specific heat

Debye-Huckel theory

Debye-Scherrer method

decade), IHD (hydrological
USE International Hydrological Decade

Decade, International Hydrological
USE International Hydrological Decade

decametric waves

decarbonation

decarboxylation

decarburization

decay

decay, alpha
USE alpha decay

decay, neutron
USE neutron decay

decay, orbit
USE orbit decay

decay, particle
USE radioactive decay

decay, plasma
USE plasma decay

decay, radioactive
USE radioactive decay

decay rate, electron
USE electron decay rate

decay rates

Decca navigation

deceleration

deceleration, impact
USE impact acceleration

decelerators
USE brakes (for arresting motion)

deception

deciduous trees

decimal converters, binary to
USE binary to decimal converters

decimal to binary converters

decimals

decimeter waves

decision elements
USE logical elements

decision making

decision theory

decision theory, statistical
USE statistical decision theory

decisions

decks (floors)
USE floors

declination

decoders

decoders, Viterbi
USE Viterbi decoders

decoding

decommissioning

decommutators

decomposition

decomposition, photo
USE photodecomposition

decomposition, propellant
USE propellant decomposition

decomposition, thermal
USE thermal decomposition

decompression
USE pressure reduction

decompression, explosive
USE explosive decompression

decompression sickness

deconditioning

decongestants

decontamination

decoupling

decoupling, spin
USE spin decoupling

decoys

decoys, ballistic missile
USE ballistic missile decoys

decoys, reentry
USE reentry decoys

decreases, Forbush
USE Forbush decreases

decrementing
USE reduction

deduction

deduction, electromagnetic
USE magnetic induction

deep drawing

deep scattering layers

deep space

Deep Space Instrumentation Facility

Deep Space Network

deep water

deep well injection (wastes)

deepwater terminals

deer

defects

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defects, auditory
USE auditory defects

defects, crystal
USE crystal defects

defects, Frenkel
USE Frenkel defects

defects, point
USE point defects

defects, speech
USE speech defects

defects, surface
USE surface defects

defects), vacancies (crystal
USE vacancies (crystal defects)

Defender project

defense

defense, air
USE air defense

defense, antimissile
USE antimissile defense

defense, chemical
USE chemical defense

defense, civil
USE civil defense

Defense Communications Satellite System

defense communications system (DCS)

defense industry

Defense Meteorological Satellite Program
USE DMSP satellites

defense, missile
USE missile defense

defense program

defense, satellite
USE spacecraft defense

defense, spacecraft
USE spacecraft defense

defense system, SAGE air
USE SAGE air defense system

defenses, physiological
USE physiological defenses

deficiencies), holes (electron
USE holes (electron deficiencies)

deficiency, oxygen
USE hypoxia

definition

definition television, high
USE high definition television

deflagration

deflating
USE inflatable structures
pressure reduction

deflection

deflection, flow
USE flow deflection

deflectors

deflectors, blast
USE blast deflectors

deflectors, flame
USE flame deflectors

defluorination

defocusing

defocusing, laser beam
USE thermal blooming

defocusing, thermal
USE thermal blooming

defoliant

defoliation

deforestation

deformation

deformation, axisymmetric
USE axial strain

deformation, elastic
USE elastic deformation

deformation, nuclear
USE nuclear deformation

deformation, plastic
USE plastic deformation

deformation, static
USE static deformation

deformation, tensile
USE tensile deformation

deformation, wave front
USE wave front deformation

deformers

defrosting

degassing

degenerate matter

degeneration

degenerative feedback
USE negative feedback

degradation

degradation, thermal
USE thermal degradation

degradation, wave
USE wave degradation

degrees of freedom

DEHP
USE diethyl hydrogen phosphite (DEHP)

(DEHP), diethyl hydrogen phosphite
USE diethyl hydrogen phosphite (DEHP)

dehumidification

dehydrated food

dehydration

dehydrogenation

deicers

deicing

deicing systems
USE deicers

Deimos

deionization

dekatrions
USE counters

delaminating

Delaware

Delaware Bay (US)

Delaware River Basin (US)

delay

delay circuits

(delay), lag
USE time lag

delay lines

delay lines, acoustic
USE acoustic delay lines

delay lines (computer storage)

delay, time
USE time lag

delayed flap approach

deletion

Delfin aircraft
USE L-29 jet trainer

Delft camera

delineation

delivery

delivery (STS), payload
USE payload delivery (STS)

delivery, weapons
USE weapons delivery

Delmarva Peninsula (DE-MD-VA)

Delphi method (forecasting)

Delrin (trademark)

delta antennas

Delta Dagger aircraft
USE F-102 aircraft

Delta Dart aircraft
USE F-106 aircraft

Delta (France), Rhone
USE Rhone Delta (France)

delta function

Delta (LA), Mississippi
USE Mississippi Delta (LA)

Delta launch vehicle

Delta launch vehicle, Thor
USE Thor Delta launch vehicle

delta modulation

delta wings

Delta 2 aircraft, Fairey
USE FD 2 aircraft

deltas

demagnetization

demagnetization cooling, adiabatic
USE adiabatic demagnetization cooling

demand assignment multiple access

demand, biochemical oxygen
USE biochemical oxygen demand

demand (economics)

demineralization, bone
USE bone demineralization

demineralizing

Democratic Peoples Republic of Korea
USE North Korea

Democratic Republic, German
USE East Germany

Democratic Republic of Germany, Peoples
USE East Germany

demodulation

demodulators

demodulators, frequency compression
USE frequency compression demodulators

demodulators, modulators-
USE modems

demodulators, phase
USE phase demodulators

demodulators, phase lock
USE phase lock demodulators

demography

demonstration
USE proving

demultiplexing

denaturation, biopolymer
USE biopolymer denaturation

denaturation (biopolymers)
USE biopolymer denaturation

denaturation, nucleic acid
USE biopolymer denaturation

denaturation, protein
USE biopolymer denaturation

dendritic crystals

dendritic drainage
USE drainage patterns

dendrochronology

denitrogenation

Denmark

dense plasmas

densification

densimeters

densimeters, ultrasonic
USE ultrasonic densimeters

densitometers

densitometers, micro
USE microdensitometers

density

density, atmospheric
USE atmospheric density

density (concentration), electron
USE electron density (concentration)

density (concentration), ion
USE ion density (concentration)

density (concentration), particle

density (concentration), particle
USE particle density (concentration)

density (concentration), proton
USE proton density (concentration)

density, current
USE current density

density distribution

density (electromagnetic), power
USE radiant flux density

density, electron flux
USE electron flux density

density, energy
USE flux density

Density Explorer A, Air
USE Explorer 19 satellite

Density Explorer, Dual Air
USE Dual Air Density Explorer

density flow, low
USE low density flow

density, flux
USE flux density

density function, Maxwell-Boltzmann
USE Maxwell-Boltzmann density function

density function, Poisson
USE Poisson density functions

density functions, normal
USE normal density functions

density functions, Poisson
USE Poisson density functions

density functions, probability
USE probability density functions

density functions, Weibull
USE Weibull density functions

density, gas
USE gas density

density gases, low
USE rarefied gases

density, ionospheric electron
USE ionospheric electron density

density, ionospheric ion
USE ionospheric ion density

density, luminous flux
USE luminous intensity

density, magnetic charge
USE magnetic charge density

density, magnetospheric electron
USE magnetospheric electron density

density, magnetospheric ion
USE magnetospheric ion density

density, magnetospheric proton
USE magnetospheric proton density

density (mass/volume)

density materials, low
USE low density materials

(density), Maxwellian distribution
USE Maxwell-Boltzmann density function

density measurement

density measurement, X ray
USE X ray density measurement

density, neutron flux
USE neutron flux density

density (number/volume)

density, optical
USE optical density

density, packing
USE packing density

density, particle flux
USE particle flux density

density, photon
USE photon density

density, plasma
USE plasma density

density profiles, electron
USE electron density profiles

density, proton flux
USE proton flux density

density, radiant flux
USE radiant flux density

density (rate/area)
USE flux density

density research, low
USE low density research

density, solar flux
USE solar flux density

density (solid state), carrier
USE carrier density (solid state)

density, space
USE space density

density wave model

density wind tunnels, low
USE low density wind tunnels

Density/Injun Explorer B, Air
USE Explorer 25 satellite

dental calculi

dentistry

deoxidizing

deoxidification

deoxygenation

deoxyribonucleic acid

dependence

dependence, pressure
USE pressure dependence

dependence, temperature
USE temperature dependence

dependence, time
USE time dependence

dependencies, spatial
USE spatial dependencies

dependency
USE dependence

dependent variables

depersonalization

depletion

depletion, ozone
USE ozone depletion

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Deployable Reflector, Large
USE Large Deployable Reflector

deploying space stations, self
USE self erecting devices
space stations

deployment

deployment & retrieval system, payload
USE payload deployment & retrieval system

depolarization

depolarization, optical
USE optical depolarization

depolarizers
USE depolarization

depolymerization

deposition

deposition, chemical vapor
USE vapor deposition

(deposition), CVD
USE vapor deposition

deposition, electro
USE electrodeposition

deposition, electroless
USE electroless deposition

deposition, laser
USE laser deposition

deposition, metalorganic chemical vapor
USE metalorganic chemical vapor deposition

deposition), MOCVD (vapor
USE metalorganic chemical vapor deposition

deposition), OMCVD (vapor
USE metalorganic chemical vapor deposition

deposition, organometallic vapor
USE metalorganic chemical vapor deposition

deposition, pulsed laser
USE pulsed laser deposition

deposition, vacuum
USE vacuum deposition

deposition, vapor
USE vapor deposition

deposits

deposits, cryo
USE cryodeposits

deposits, glaciocluvial
USE glacial drift

deposits, gravel
USE gravels

deposits, mineral
USE mineral deposits

depreciation

depressants

depressants, central nervous system
USE central nervous system depressants

depression

depression, neurotic
USE neurotic depression

depression, psychotic
USE psychotic depression

depressions (topography)
USE structural basins

depressurization
USE pressure reduction

deprivation

deprivation, sensory
USE sensory deprivation

deprivation, sleep
USE sleep deprivation

deprivation, water
USE water deprivation

depth

depth measurement

depth, mixing
USE mixing height

depth, optical
USE optical thickness

depth perception
USE space perception

depth, water
USE water depth

der Waals forces, Van
USE Van der Waals forces

derivation

derivation calculus
USE differential calculus

derivatives, stability
USE stability derivatives

derived gases, coal
USE coal derived gases

derived liquids, coal
USE coal derived liquids

Derived Vehicles, Shuttle
USE Shuttle Derived Vehicles

dermatitis

dermatitis, contact
USE contact dermatitis

dermatology

desalinization

desaturation

descaling

descent

descent method, steepest
USE steepest descent method

descent, parachute
USE parachute descent

descent propulsion systems

descent trajectories

descriptions

descriptive geometry

desensitizing

desert adaptation

Desert (Africa), Sahara
USE Sahara Desert (Africa)

Desert (CA), Mojave
USE Mojave Desert (CA)

desert, Gobi
USE Gobi desert

desert, Libyan
USE Libyan desert

desertification

desertline

deserts

desiccants

desiccation
USE drying

desiccators

design

design, aircraft
USE aircraft design

design, amplifier
USE amplifier design

design analysis

design, antenna
USE antenna design

(design), CAD
USE computer aided design

design, computer
USE computer design

design, computer aided
USE computer aided design

design, computer systems
USE computer systems design

design, computerized
USE computer aided design

design, control systems
USE control systems design

design criteria, structural
USE structural design criteria

design, engine
USE engine design

design, experiment
USE experiment design

design, factorial
USE factorial design

design, helicopter
USE helicopter design

Design, Integ Program for Aerospace Veh
USE IPAD

design, lens
USE lens design

design, logic
USE logic design

design, missile
USE missile design

design, nozzle
USE nozzle design

design of experiments
USE experiment design

design, plant
USE plant design

design, pressure vessel
USE pressure vessel design

design, reactor
USE reactor design

design, rocket engine
USE rocket engine design

design, satellite
USE satellite design

design, spacecraft
USE spacecraft design

design specifications, functional
USE functional design specifications

design, structural
USE structural design

design, systems
USE systems engineering

design to cost

designators, laser target
USE laser target designators

desorption

despinning
USE spin reduction

desposition, metalorganic chemical vapor
USE metalorganic chemical vapor deposition

destabilization

Destroyer aircraft
USE B-66 aircraft

destruction

destructive tests

desulfurizing

desynchronization (biology)

desynchronized sleep
USE rapid eye movement state

detachment

detachment, photo
USE photodetachment

detecting and ranging, sound
USE sound detecting and ranging

detection

detection, acoustic
USE sound detecting and ranging

detection, aircraft
USE aircraft detection

detection and ranging, radio
USE radar

detection and tracking system, space
USE space detection and tracking system

detection, change
USE change detection

detection codes, error
USE error detection codes

detection, correlation
USE correlation detection

detection, edge
USE edge detection

detection equipment, airport surface
USE airport surface detection equipment

detection, fault
USE fault detection

detection, flaw
USE nondestructive tests

detection, forest fire
USE forest fire detection

detection, haze

detection, haze

USE haze detection

detection, high altitude nuclear

USE high altitude nuclear detection

detection (imagery), boundary

USE edge detection

detection, missile

USE missile detection

detection, radar

USE radar detection

detection, signal

USE signal detection

detection, ultrasonic flaw

USE ultrasonic flaw detection

detector cells, Golay

USE Golay detector cells

detectors

detectors (dosimeters), threshold

USE threshold detectors (dosimeters)

detectors, electron

USE electron counters

detectors, FLIR

USE FLIR detectors

detectors, forward looking infrared

USE FLIR detectors

detectors, gas

USE gas detectors

detectors, infrared

USE infrared detectors

detectors, life

USE life detectors

detectors, mine

USE mine detectors

detectors, moisture

USE moisture meters

detectors, neutron

USE neutron counters

detectors, oxygen

USE oxygen analyzers

detectors, particle

USE radiation counters

detectors, phase

USE phase detectors

detectors, photoelectromagnetic

USE photoelectromagnetic effects
radiation measuring instruments

detectors, radiation

USE radiation detectors

detectors, signal

USE signal detectors

detectors, silicon radiation

USE silicon radiation detectors

detectors, smoke

USE smoke detectors

detectors, sound

USE sound transducers

(detectors), squid

USE squid (detectors)

detectors, synchronous

USE correlators

detectors, ultraviolet

USE ultraviolet detectors

detectors, x ray

USE x ray detectors

detergents

deterioration

determinant, Hill

USE Hill determinant

determinants

determination

USE measurement

determination, age

USE chronology

determination, airborne range and orbit

USE airborne range and orbit determination

determination), AROD (range-orbit

USE airborne range and orbit determination

determination, minimum variance orbit

USE minimum variance orbit determination

determination, MINIVAR orbit

USE minimum variance orbit determination

determination, radioactive age

USE radioactive age determination

determination, size

USE size determination

determination system, Goddard trajectory

USE Goddard trajectory determination system

detonable gas mixtures

detonation

detonation waves

detonators

deuterides

deuterium

deuterium compounds

deuterium fluoride lasers

USE DF lasers

deuterium fluorides

deuterium oxide, hydrogen

USE heavy water

deuterium oxides

USE heavy water

deuterium plasma

deuteron irradiation

deuterons

developers, photographic

USE photographic developers

developers (photography)

USE photographic developers

developing nations

development

development, economic

USE economic development

development, engineering

USE product development

(development), evolution

USE evolution (development)

NASA THESAURUS VOLUME 2

development, personnel

USE personnel development

development, product

USE product development

development, research and

USE research and development

development, urban

USE urban development

development, weapons

USE weapons development

deviation

deviation, phase

USE phase deviation

deviation, standard

USE standard deviation

device, child

USE child device

devices

devices, air bag restraint

USE air bag restraint devices

devices, aircraft launching

USE aircraft launching devices

devices, alpha plasma

USE alpha plasma devices

devices, antiskid

USE antiskid devices

devices, antistatic

USE static dischargers

devices, B-A-W

USE bulk acoustic wave devices

devices, bubble memory

USE bubble memory devices

devices, bucket brigade

USE bucket brigade devices

devices, bulk acoustic wave

USE bulk acoustic wave devices

devices, cartridge actuated

USE explosive devices
actuators

devices, CATT

USE CATT devices

devices, charge coupled

USE charge coupled devices

devices, charge flow

USE charge flow devices

devices, charge injection

USE charge injection devices

devices, charge transfer

USE charge transfer devices

devices, chips (memory

USE chips (memory devices)

devices, collision warning

USE collision avoidance
warning systems

devices, compact disk read-only memory

USE optical disks

devices, computer storage

USE computer storage devices

devices, control

USE control equipment

devices, controlled avalanche transit time
USE CATT devices

devices, cyclotron resonance
USE cyclotron resonance devices

devices, disconnect
USE disconnect devices

devices, display
USE display devices

devices, drag
USE drag devices

devices, electroexplosive
USE initiators (explosives)

devices, electromechanical
USE electromechanical devices

devices, energy storage
USE energy storage

devices, error correcting
USE error correcting devices

devices, explosive
USE explosive devices

devices, fanlift
USE lift fans

devices, focal plane
USE focal plane devices

devices, heat rejection
USE heat radiators

devices, heterojunction
USE heterojunction devices

devices, homing
USE homing devices

devices, inflatable
USE inflatable structures

(devices), inlets
USE intake systems

devices, launching
USE launchers

devices, lift
USE lift devices

devices, lunar escape
USE lunar escape devices

devices (machinery), positioning
USE positioning devices (machinery)

devices, mechanical
USE mechanical devices

devices, microminiaturized electronic
USE microminiaturized electronic devices

devices, microstrip
USE microstrip devices

devices, NDM semiconductor
USE NDM semiconductor devices

devices, negative resistance
USE negative resistance devices

devices, nuclear
USE nuclear devices

devices, optoelectronic
USE optoelectronic devices

devices, photoelectrochemical
USE photoelectrochemical devices

devices, plasma display
USE plasma display devices

devices, praetersonic
USE praetersonic devices

devices, programmable logic
USE programmable logic devices

devices, propellant actuated
USE propellant actuated devices

devices, prosthetic
USE prosthetic devices

devices, Q
USE Q devices

devices, read-only memory
USE read-only memory devices

(devices), retarders
USE retarders (devices)

devices, ROM
USE read-only memory devices

devices, S-A-W
USE surface acoustic wave devices

devices, safety
USE safety devices

devices, sampling
USE samplers

devices, scanning
USE scanners

devices, self erecting
USE self erecting devices

devices, self repairing
USE self repairing devices

devices, semiconductor
USE semiconductor devices

devices, solid state
USE solid state devices

devices, stimulated emission
USE stimulated emission devices

devices, superconducting
USE superconducting devices

devices, surface acoustic wave
USE surface acoustic wave devices

devices, timing
USE timing devices

devices, tokamak
USE tokamak devices

devices, training
USE training devices

devices, transferred electron
USE transferred electron devices

devices, TRAPATT
USE TRAPATT devices

devices, warning
USE warning systems

devices, yo-yo
USE yo-yo devices

devitrification
USE crystallization

Devries equation, Korteweg-
USE Korteweg-Devries equation

dew

dew point

Dewar systems
USE cryogenic equipment

dewatering

dewaxing

dewetting
USE drying

dextrans

DF
USE deuterium fluorides

DF lasers

DFA
USE delayed flap approach

DH 106 aircraft
USE Comet 4 aircraft

DH 106 aircraft, de Havilland
USE Comet 4 aircraft

DH 112 aircraft

DH 112 aircraft, de Havilland
USE DH 112 aircraft

DH 115 aircraft

DH 115 aircraft, de Havilland
USE DH 115 aircraft

DH 121 aircraft

DH 121 aircraft, de Havilland
USE DH 121 aircraft

DH 125 aircraft

DH 125 aircraft, de Havilland
USE DH 125 aircraft

DHC Beaver aircraft
USE DHC 2 aircraft

DHC 2 aircraft

DHC 4 aircraft

DHC 4 aircraft, de Havilland
USE DHC 4 aircraft

DHC 5 aircraft

DHC 5 aircraft, de Havilland
USE DHC 5 aircraft

diabetes mellitus

Diademe satellites

diagnosis

diagnostics, plasma
USE plasma diagnostics

diagram, C-M
USE color-magnitude diagram

diagram, color-color
USE color-color diagram

diagram, color-magnitude
USE color-magnitude diagram

diagram, Hertzsprung-Russell
USE Hertzsprung-Russell diagram

diagram, HR
USE Hertzsprung-Russell diagram

diagram, Hubble
USE Hubble diagram

diagram, Mollier
USE Mollier diagram

diagram, Nyquist
USE Nyquist diagram

diagrams

diagrams

diagrams, bending

USE bending diagrams

diagrams, block

USE block diagrams

diagrams, circuit

USE circuit diagrams

diagrams, constitutional

USE phase diagrams

diagrams, creep

USE creep diagrams

diagrams, enthalpy-entropy

USE Mollier diagram

diagrams, equilibrium

USE phase diagrams

diagrams, eutectic

USE phase diagrams

diagrams, fatigue

USE S-N diagrams

diagrams, Feynman

USE Feynman diagrams

diagrams, phase

USE phase diagrams

diagrams, S-N

USE S-N diagrams

diagrams, stress-strain

USE stress-strain diagrams

diagrams, Venn

USE Venn diagrams

DIAL (lidar)

USE differential absorption lidar

DIAL satellite

diallyl compounds

dials

dialysis

dialysis, electro

USE electro dialysis

diamagnetism

Diamant launch vehicle

diameter, solar

USE solar diameter

diameters

diamine, ethylene

USE ethylenediamine

diamine, methylene

USE methylene diamine

diamines

diamond films

diamond wings

USE swept wings
low aspect ratio wings

diamonds

diamonds, meteoritic

USE meteoritic diamonds

diaphragm (anatomy)

diaphragms

diaphragms (mechanics)

diastole

diastolic pressure

diatomic gases

diatomic molecules

diatoms (unicellular plants)

USE algae

dibasic compounds

diborane

dibromides

dibutyl compounds

dicarboxylic acids

dichlorides

dichlorodiphenyltrichloroethane

USE DDT

dichotomies

dichroism

dichromates

USE chromates

Dicke radiometers

Dicke type radiometers

USE Dicke radiometers

dictionaries

didymium

dieldrin

dielectric constant

USE permittivity

dielectric materials

USE dielectrics

dielectric permeability

dielectric polarization

dielectric properties

dielectrics

dielectronic satellite lines

USE resonance lines

Diels-Alder reactions

diencephalon

dienes

dies

diesel engines

diesel fuels

diethyl compounds

diethyl ether

diethyl hydrogen phosphite (DEHP)

diets

diff mobility semiconductors, negative

USE NDM semiconductor devices

difference equations

difference theory, finite

USE finite difference theory

differences

NASA THESAURUS VOLUME 2

differences, temperature

USE temperature gradients

differencing, backward

USE backward differencing

differential absorption lidar

differential algebra

USE differential calculus
matrices (mathematics)

differential amplifiers

differential analyzers

differential calculus

differential equation, Duffing

USE Duffing differential equation

differential equations

differential equations, elliptic

USE elliptic differential equations

differential equations, hyperbolic

USE hyperbolic differential equations

differential equations, parabolic

USE parabolic differential equations

differential equations, partial

USE partial differential equations

differential geometry

differential interferometry

differential operators

USE differential equations
operators (mathematics)

differential pressure

differential pulse code modulation

differential thermal analysis

USE thermal analysis

differentiation

differentiation (biology)

differentiation, numerical

USE numerical differentiation

differentiators

diffraction

diffraction, electron

USE electron diffraction

diffraction, Fresnel

USE Fresnel diffraction

diffraction, geometrical theory of

USE geometrical theory of diffraction

diffraction gratings

USE gratings (spectra)

diffraction limited cameras

diffraction, neutron

USE neutron diffraction

diffraction paths

diffraction patterns

diffraction propagation

diffraction, pulse

USE pulse diffraction

diffraction radiation

diffraction telescopes

USE spectroscopic telescopes

diffraction, wave
USE wave diffraction

diffraction, X ray
USE X ray diffraction

diffractometers

diffuse radiation

diffusers

diffusers, exhaust
USE exhaust diffusers

diffusers, shock
USE diffusers
shock wave attenuation

diffusers, supersonic
USE supersonic diffusers

diffusers, vaneless
USE vaneless diffusers

diffusion

diffusion, ambipolar
USE ambipolar diffusion

diffusion, atmospheric
USE atmospheric diffusion

diffusion bonding
USE diffusion welding

diffusion coefficient

diffusion, eddy
USE turbulent diffusion

diffusion effect
USE diffusion

diffusion electrodes

diffusion, electron
USE electron diffusion

diffusion equation, convection-
USE convection-diffusion equation

diffusion flames

diffusion, gas
USE gaseous diffusion

diffusion, gaseous
USE gaseous diffusion

diffusion, gaseous self-
USE gaseous self-diffusion

diffusion, ionic
USE ionic diffusion

diffusion length

diffusion, magnetic
USE magnetic diffusion

diffusion, molecular
USE molecular diffusion

diffusion, particle
USE particle diffusion

diffusion, plasma
USE plasma diffusion

diffusion pumps

diffusion (solid state), self
USE self diffusion (solid state)

diffusion, species
USE species diffusion

diffusion, surface
USE surface diffusion

diffusion theory

diffusion, thermal
USE thermal diffusion

diffusion, turbulent
USE turbulent diffusion

diffusion waves

diffusion welding

diffusion-convection equation
USE convection-diffusion equation

diffusivity

diffusivity, thermal
USE thermal diffusivity

difluorides

difluoro compounds

difluorourea

digesting

digestive system

(digital), binary systems
USE digital systems

digital circuits
USE digital electronics
logic circuits

digital command systems

digital communication
USE pulse communication

digital computers

digital converters, analog to
USE analog to digital converters

digital data

digital electronics

digital filters

digital integrators

digital navigation

digital radar systems

digital simulation

digital spacecraft television

digital systems

digital techniques

digital television

(digital), ternary systems
USE digital systems

digital to analog converters

digital to voice translators

digital transducers

digitals

digitizers
USE analog to digital converters

digits

digits, binary
USE binary digits

dihedral angle

dihedral effect
USE lateral stability

dihydrazine

dihydrazine, ethylene
USE ethylene dihydrazine

dihydrides

dihydroxyphenylalanine
USE dopa

dilsoyanates

dikes (geology)
USE rock intrusions

dilatation
USE stretching

dilatational waves

dilation, vaso
USE vasodilation

dilatometers
USE extensometers

dilatometry

diluents

dilution

dilution of precision, geometric
USE geometric dilution of precision

dimenhydrinate

dimensional analysis

dimensional bodies, three
USE three dimensional bodies

dimensional bodies, two
USE two dimensional bodies

dimensional boundary layer, three
USE three dimensional boundary layer

dimensional boundary layer, two
USE two dimensional boundary layer

dimensional composites, three
USE three dimensional composites

dimensional flow, one
USE one dimensional flow

dimensional flow, three
USE three dimensional flow

dimensional flow, two
USE two dimensional flow

dimensional jets, two
USE two dimensional jets

dimensional measurement

dimensional models, three
USE three dimensional models

dimensional models, two
USE two dimensional models

dimensional motion, three
USE three dimensional motion

dimensional stability

dimensionless numbers

dimensions

(dimensions), size
USE size (dimensions)

dimercaprol

dimerization

dimerization

dimers

dimethyl compounds

dimethylhydrazines

diminishing schemes, total variation
USE TVD schemes

diminution
USE reduction

dimming

dimpling

Dining Philosophers Problem

dinitrates

diode circuits, varactor
USE varactor diode circuits

Diode-Transistor-Logic integ circuits
USE DTL integrated circuits

diodes

diodes, avalanche
USE avalanche diodes

diodes, barrier injection transit time
USE Barritt diodes

diodes, Barritt
USE Barritt diodes

diodes, cesium
USE cesium diodes

diodes, Esaki
USE tunnel diodes

diodes, germanium
USE germanium diodes

diodes, Gunn
USE Gunn diodes

diodes, IMPATT
USE avalanche diodes

diodes, junction
USE junction diodes

diodes, laser
USE semiconductor lasers

(diodes), LED
USE light emitting diodes

diodes, light emitting
USE light emitting diodes

diodes, metal-insulator-metal
USE MIM diodes

diodes, MIM
USE MIM diodes

diodes, p-i-n
USE p-i-n junctions
diodes

diodes, parametric
USE parametric diodes

diodes, photo
USE photodiodes

diodes, plasma
USE plasma diodes

diodes, Schottky
USE Schottky diodes

diodes, Schottky barrier
USE Schottky diodes

diodes, semiconductor
USE semiconductor diodes

diodes, step recovery
USE step recovery diodes

diodes, thermionic
USE thermionic diodes

diodes, TRAPATT
USE avalanche diodes

diodes, tunnel
USE tunnel diodes

diodes, varactor
USE varactor diodes

diodes, Zener
USE avalanche diodes

Dione

diophantine equation

diorite

dioxide, carbon
USE carbon dioxide

dioxide concentration, carbon
USE carbon dioxide concentration

dioxide lasers, carbon
USE carbon dioxide lasers

dioxide, nitrogen
USE nitrogen dioxide

dioxide removal, carbon
USE carbon dioxide removal

dioxide, silicon
USE silicon dioxide

dioxide tension, carbon
USE carbon dioxide tension

dioxide, titanium
USE titanium oxides

dioxides

dioxides, sulfur
USE sulfur dioxides

diphenyl compounds

diphenyl hydantoin

diphosphate, adenosine
USE adenosine diphosphate

diphosphates

diphtheria

diplexers

dipole antennas

dipole moments

dipoles

dipoles, electric
USE electric dipoles

dipoles, magnetic
USE magnetic dipoles

dipoles, orbiting
USE orbiting dipoles

dipping

Dirac equation

Dirac statistics, Fermi-
USE Fermi-Dirac statistics

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direct broadcast satellites

direct current

direct current generators
USE DC generators

direct lift controls

direct power generators

direction

(direction), bearing
USE bearing (direction)

direction finders, radar
USE radio direction finders

direction finders (radio)
USE radio direction finders

direction finders, radio
USE radio direction finders

direction finding

direction implicit methods, alternating
USE alternating direction implicit methods

direction indicators, flow
USE flow direction indicators

direction, wind
USE wind direction

directional antennas

directional control

directional couplers

directional solidification (crystals)

directional stability

directivity

directories

directors (antenna elements)

Dirichlet problem

dirigibles
USE airships

dirt

disabilities

disarmament

disasters

discharge

discharge coefficient

discharge counters, gas
USE counters
gas discharge tubes

discharge, Penning
USE Penning discharge

discharge, radio frequency
USE radio frequency discharge

discharge, ring
USE ring discharge

discharge, toroidal
USE toroidal discharge

discharge, Townsend
USE Townsend discharge

discharge tubes
USE gas discharge tubes

discharge tubes, gas
USE gas discharge tubes

dischargers

dischargers, static
USE static dischargers

discharges, arc
USE arc discharges

discharges, corona
USE electric corona

discharges, electric
USE electric discharges

discharges, electrodeless
USE electrodeless discharges

discharges, gas
USE gas discharges

discharges, glow
USE glow discharges

discharges, multipactor
USE multipactor discharges

discharges, plasma
USE plasma jets

discharges, spark
USE electric sparks

disciplining

discoloration

disconnect devices

disconnectors
USE disconnect devices

discontinuity

discontinuity, shock
USE shock discontinuity

Discos (satellite attitude control)

Discoverer recovery capsules

Discoverer satellites

discovering
USE exploration

Discovery (Orbiter)

discrete address beacon system

discrete functions

discriminant analysis (statistics)

discriminant functions
USE discriminant analysis (statistics)

discrimination

discrimination, brightness
USE brightness discrimination

discrimination, sensory
USE sensory discrimination

discrimination, speech
USE speech recognition

discrimination, tactile
USE tactile discrimination

discrimination, time
USE time discrimination

discrimination, visual
USE visual discrimination

discriminators

discriminators, Fraunhofer line
USE Fraunhofer line discriminators

discriminators, frequency
USE frequency discriminators

discriminators, signal
USE signal detectors

discussion

(disease), AIDS
USE acquired immunodeficiency syndrome

disease, coronary artery
USE coronary artery disease

disease, Parkinson
USE Parkinson disease

diseased vegetation
USE plant diseases

diseases

diseases, allergic
USE allergic diseases

diseases, bacterial
USE bacterial diseases

diseases, eye
USE eye diseases

diseases, fungal
USE fungal diseases

diseases, heart
USE heart diseases

diseases, infectious
USE infectious diseases

diseases, kidney
USE kidney diseases

diseases, metabolic
USE metabolic diseases

diseases, occupational
USE occupational diseases

diseases, parasitic
USE parasitic diseases

diseases, plant
USE plant diseases

diseases, respiratory
USE respiratory diseases

diseases, rheumatic
USE rheumatic diseases

diseases, tooth
USE tooth diseases

diseases, toxic
USE toxic diseases

diseases, viral
USE viral diseases

dishes
USE parabolic reflectors

disilicides

disinfectants
USE antiseptics

disintegration

disk galaxies

disk operating system (DOS)

disk read-only memory devices, compact
USE optical disks

displacement velocimetry, particle image

disk, solar
USE sun

disks

disks, accretion
USE accretion disks

disks, actuator
USE actuator disks

disks, intervertebral
USE intervertebral disks

disks, magnetic
USE magnetic disks

disks, optical
USE optical disks

disks, rotating
USE rotating disks

disks, rotor
USE turbine wheels

disks (shapes)

disks, video
USE video disks

dislocations, crystal
USE crystal dislocations

dislocations, edge
USE edge dislocations

dislocations (materials)

dislocations, screw
USE screw dislocations

disorder transformations, order-
USE order-disorder transformations

disorders

disorientation

dispatching
USE distributing

dispensers

dispersal, cloud
USE cloud dispersal

dispersal, fog
USE fog dispersal

dispersing

dispersion

dispersion, magnetic
USE magnetic dispersion

dispersion, plasma
USE plasma diffusion

dispersion precipitation hardening
USE precipitation hardening

dispersion spectrographs, high
USE high dispersion spectrographs

dispersion, wave
USE wave dispersion

dispersions

displacement

displacement, crack opening
USE crack opening displacement

displacement measurement

displacement velocimetry, particle image
USE particle image velocimetry

display devices

display devices

display devices, plasma
USE plasma display devices

display systems
USE display devices

displays, F
USE F region

displays, head-up
USE head-up displays

displays, helmet mounted
USE helmet mounted displays

(displays), HMD
USE helmet mounted displays

displays, radar
USE radarscopes

displays, visual
USE display devices

disposal

disposal (in space), hazardous material
USE hazardous material disposal (in space)

disposal, waste
USE waste disposal

disrupting

dissection

dissector tubes, image
USE image dissector tubes

dissemination, information
USE information dissemination

dissemination of information, selective
USE selective dissemination of information

dissipation

dissipation chilling, heat
USE cooling

dissipation, energy
USE energy dissipation

dissipation, heat
USE cooling

dissipation, ohmic
USE ohmic dissipation

dissipators
USE dissipation

dissociation

dissociation, gas
USE gas dissociation

dissociation, heat of
USE heat of dissociation

dissociation, molecular
USE dissociation

dissociation, photo
USE photodissociation

dissociation, thermal
USE thermal dissociation

dissolution
USE dissolving

dissolution, electro
USE electrodisolution

dissolved gases

dissolving

dissymmetry
USE asymmetry

distance

distance measuring equipment

distance, miss
USE miss distance

distance perception
USE space perception

distillation

distillation equipment

(distillation), stripping
USE stripping (distillation)

distortion

distortion, flow
USE flow distortion

distortion, signal
USE signal distortion

distortion, surface
USE surface distortion

distributed amplifiers

distributed Bragg reflector lasers
USE DBR lasers

distributed feedback lasers

distributed parameter systems

distributed processing

distributing

distribution

distribution analysis, amplitude
USE amplitude distribution analysis

distribution, angular
USE angular distribution

distribution, Boltzmann
USE Boltzmann distribution

distribution, brightness
USE brightness distribution

distribution, charge
USE charge distribution

distribution, circulation
USE circulation distribution

distribution, current
USE current distribution

distribution, density
USE density distribution

distribution (density), Maxwellian
USE Maxwell-Boltzmann density function

distribution, electron
USE electron distribution

distribution (electronics), hole
USE hole distribution (electronics)

distribution, energy
USE energy distribution

distribution, flow
USE flow distribution

distribution, force
USE force distribution

distribution (forces), load
USE load distribution (forces)

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distribution, frequency
USE frequency distribution

distribution functions

distribution functions, probability
USE probability distribution functions

distribution, hole
USE hole distribution

distribution, horizontal
USE horizontal distribution

distribution, ion
USE ion distribution

distribution, lift
USE force distribution
lift

distribution, mass
USE mass distribution

distribution (mechanics), hole
USE hole distribution (mechanics)

distribution, moment
USE moment distribution

distribution moments

distribution, neutron
USE neutron distribution

distribution, normal force
USE force distribution

distribution, particle size
USE particle size distribution

distribution, pattern
USE distribution (property)

distribution, pressure
USE pressure distribution

distribution (property)

distribution, radial
USE radial distribution

distribution, radiation
USE radiation distribution

distribution, Rayleigh
USE Rayleigh distribution

distribution, size
USE size distribution

distribution, spatial
USE spatial distribution

distribution, spectral energy
USE spectral energy distribution

distribution, star
USE star distribution

distribution, strain
USE strain distribution

distribution, stress
USE stress distribution

distribution, temperature
USE temperature distribution

distribution, temporal
USE temporal distribution

distribution, thrust
USE thrust distribution

distribution, velocity
USE velocity distribution

distribution, vertical
USE vertical distribution

distributions, Gaussian
USE normal density functions

distributions, normal
USE normal density functions

distributions, Pearson
USE Pearson distributions

distributions, random
USE statistical distributions

distributions, statistical
USE statistical distributions

distributors

District of Columbia

disturbance, satellite attitude
USE attitude stability
spacecraft stability

disturbance theory
USE perturbation theory

disturbances

disturbances, ionospheric
USE ionospheric disturbances

disturbances, magnetic
USE magnetic disturbances

disturbances, shear
USE S waves

disturbances, SID (ionospheric)
USE sudden ionospheric disturbances

disturbances, sudden ionospheric
USE sudden ionospheric disturbances

disturbances, traveling ionospheric
USE traveling ionospheric disturbances

disturbances, vortex
USE vortices

disturbing functions

disulfide, carbon
USE carbon disulfide

disulfides

disulfides, molybdenum
USE molybdenum disulfides

ditches

ditching

ditching (excavation)
USE excavation

ditching (landing)

dithers

dithiols
USE thiols

diuresis

diuretics

diuretics, anti
USE antidiuretics

diurnal rhythms
USE circadian rhythms

diurnal variations

divergence

divergent nozzles

divergent nozzles, convergent-
USE convergent-divergent nozzles

diversity, reception
USE reception diversity

diversity, space
USE reception diversity

diverters

dividers

dividers, frequency
USE frequency dividers

divides (landforms)

dividing (mathematics)

diving (underwater)

division

division, cell
USE cell division

division multiple access, code
USE code division multiple access

division multiple access, frequency
USE frequency division multiple access

division multiple access, time
USE time division multiple access

division multiplexing, code
USE code division multiplexing

division multiplexing, frequency
USE frequency division multiplexing

division multiplexing, time
USE time division multiplexing

division multiplexing, wavelength
USE wavelength division multiplexing

divisions, sub
USE subdivisions

DIVOT (voice translators)
USE digital to voice translators

Djibouti

DME-A satellite
USE Explorer 31 satellite

DMSP satellites

DNA
USE deoxyribonucleic acid

DO-27 aircraft

DO-27 aircraft, Dornier
USE DO-27 aircraft

DO-28 aircraft

DO-28 aircraft, Dornier
USE DO-28 aircraft

DO-31 aircraft

DO-31 aircraft, Dornier
USE DO-31 aircraft

docking
USE spacecraft docking

docking adapters, multiple
USE multiple docking adapters

docking modules, spacecraft
USE spacecraft docking modules

docking, offshore
USE offshore docking

docking, spacecraft
USE spacecraft docking

document storage

documentation

(documentation), indexes
USE indexes (documentation)

documents

(documents), journals
USE periodicals

Dodge satellite

Dog missile, Hound
USE Hound Dog missile

doghouses (electronics)

dogs

dollies

dolomite (mineral)

dolphins

domain wall

domains

domains, magnetic
USE magnetic domains

domes

domes (geology)

domes (structural forms)

domestic energy

domestic satellite communications systems

dominance

dominance, eye
USE eye dominance

dominance model, vector
USE vector dominance model

Dominica

Dominican Republic

Domino propellants

Donnell equations

donor materials

doors

(doors), exits
USE doors

dopa

doped crystals

doped fets, modulation
USE MODFETS

dopes

doping (additives)
USE additives

doping, modulation
USE modulation doping

Doppler effect

Doppler navigation

doppler positioning, satellite
USE satellite doppler positioning

Doppler radar

Doppler radar, pulse

Doppler radar, pulse
USE pulse Doppler radar

Doppler shift, stellar
USE Doppler effect

doppler tracking system, polystation
USE polystation doppler tracking system

doppler velocimeters, laser
USE laser doppler velocimeters

Doppler-Fizeau effect

Dornier aircraft

Dornier DO-27 aircraft
USE DO-27 aircraft

Dornier DO-28 aircraft
USE DO-28 aircraft

Dornier DO-31 aircraft
USE DO-31 aircraft

Dornier paraglider rocket vehicle

dorsal sections

(DOS), disk operating system
USE disk operating system (DOS)

DOS (operating system), MS
USE disk operating system (DOS)

dosage

dosage, radiation
USE radiation dosage

dosage, sublethal
USE sublethal dosage

dose
USE dosage

dosimeters

(dosimeters), threshold detectors
USE threshold detectors (dosimeters)

dosimetry
USE dosimeters

double base propellants

double base rocket propellants

double cusps

double precision arithmetic

double sideband transmission

double stars

doubling, period
USE period doubling

doughnut shape wheels
USE toroidal wheels

Douglas aircraft

Douglas aircraft, McDonnell
USE McDonnell Douglas aircraft

Douglas D-558 aircraft
USE D-558 aircraft

Douglas DC-3 aircraft
USE DC 3 aircraft

Douglas DC-7 aircraft
USE DC 7 aircraft

Douglas DC-8 aircraft
USE DC 8 aircraft

Douglas DC-9 aircraft
USE DC 9 aircraft

Douglas PD-808 aircraft
USE PD-808 aircraft

Douglas PD-808 aircraft, Piaggio-
USE PD-808 aircraft

DOVAP
USE Doppler effect

down tilt, head
USE head down tilt

down-converters

downbursts

downlinking

downrange

Downrange Antimissile Measurement Program

downrange measurement

downtime

downwash

DPCM (modulation)
USE differential pulse code modulation

Draconid meteoroids

draft

draft (gas flow)

drafting (drawing)

drafting machines

drag

drag, aerodynamic
USE aerodynamic drag

drag balance
USE aerodynamic balance
lift drag ratio

drag chutes

drag coefficients

drag devices

drag effect
USE drag

drag, electrostatic
USE electrostatic drag

drag force anemometers

drag, friction
USE friction drag

drag, induced
USE induced drag

drag, interference
USE interference drag

drag measurement

drag, minimum
USE minimum drag

drag, nonequilibrium
USE friction drag

drag, pressure
USE pressure drag

drag ratio, lift
USE lift drag ratio

drag reduction

drag, satellite
USE satellite drag

NASA THESAURUS VOLUME 2

drag, supersonic
USE supersonic drag

drag, viscous
USE viscous drag

drag, wave
USE wave drag

Dragon aircraft, Jet
USE DH 125 aircraft

dragulators
USE drag devices
brakes (for arresting motion)

drainage

drainage, dendritic
USE drainage patterns

drainage, interlacing
USE drainage patterns

drainage patterns

drainage patterns, radial
USE drainage patterns

drainage, rectangular
USE drainage patterns

draining
USE drainage

drawing

drawing, bundle
USE bundle drawing

drawing, cold
USE cold drawing

drawing, deep
USE deep drawing

(drawing), drafting
USE drafting (drawing)

drawing, metal
USE metal drawing

drawings

(drawings), elevations
USE drawings

drawings, engineering
USE engineering drawings

drawings, mechanical
USE engineering drawings

DRC (capsule)
USE Discoverer recovery capsules

dreams

dredged materials

dredging

drift

drift, continental
USE continental drift

drift, glacial
USE glacial drift

drift, gyroscopic
USE gyroscopes
gyroscopic stability

drift, instrument
USE drift (instrumentation)

drift (instrumentation)

drift, ionospheric
USE ionospheric drift

drift, littoral
USE littoral drift

drift, plasma
USE plasma drift

drift rate

drill bits

drilling

drilling, laser
USE laser drilling

drills

drinking

drive, helicopter propeller
USE helicopter propeller drive

drive, jet
USE jet propulsion

drive, propeller
USE propeller drive

driven rotors, tip
USE tip driven rotors

drivers, mass
USE mass drivers

drives

drives, mechanical
USE mechanical drives

drives, rotary
USE mechanical drives

drives, wind tunnel
USE wind tunnel drives

drogue parachutes
USE drag chutes

drogues
USE towed bodies

drone aircraft

drone aircraft, Firebee 2 target
USE Firebee 2 target drone aircraft

drone aircraft, target
USE target drone aircraft

drone helicopters
USE drone aircraft
helicopters

drone vehicles

Drones for Aerodynamic and Struct Test
USE DAST program

drooped airfoils

drop

drop calorimeters

drop, friction pressure
USE skin friction

drop operations, air
USE air drop operations

drop, pressure
USE pressure drop

drop size

drop tests

drop towers

drop transfer

drop tubes
USE drop towers

drop weight tests
USE drop tests

dropouts

drops, air
USE airdrops

drops, electron-hole
USE electron-hole drops

drops, liquid
USE drops (liquids)

drops (liquids)

drops, rain
USE raindrops

dropsondes

Drosophila

drought

drought conditions
USE drought

drowsiness
USE sleep

drug therapy
USE chemotherapy

drugs

drugs, antiradiation
USE antiradiation drugs

drugs, motion sickness
USE motion sickness drugs

drugs, psychotropic
USE psychotropic drugs

drugs, vasoconstrictor
USE vasoconstrictor drugs

drumlins
USE glacial drift

drums

drums (containers)

drums, magnetic
USE magnetic drums

dry cells

dry friction

dry heat

drydocks

dryers (equipment)
USE drying apparatus

drying

drying apparatus

drying, freeze
USE freeze drying

DSIF (instrumentation facility)
USE Deep Space Instrumentation Facility

DSN helicopter
USE QH-50 helicopter

DSN (space network)
USE Deep Space Network

DSN-3 helicopter, Gyrodyne
USE QH-50 helicopter

DTA (analysis)
USE thermal analysis

DTL integrated circuits

DTMB-111 ground effect machine
USE ground effect machines

DTMB-430 ground effect machine
USE ground effect machines

Dual Air Density Explorer

dual frequency radar
USE multispectral radar

dual mode propulsion
USE hybrid propulsion

dual spin spacecraft

dual thrust nozzles

dual wing configurations

duality principle

duality theorem

duct geometry

ducted bodies

ducted fan engines

ducted fans

ducted flow

ducted propellers
USE shrouded propellers

ducted rocket engines

ductility

ducts

ducts, acoustic
USE acoustic ducts

ducts, air
USE air ducts

ducts, annular
USE annular ducts

Duffing differential equation

dullness
USE luster

dummies

dummy loads
USE impedance
loading
output

dump combustors

dumping

Dunaliella

dunes

dunes, coastal
USE dunes

dunes, sand
USE dunes

Dungeys wind shear mechanism
USE wind shear

Dunham potential, Klein-
USE Klein-Dunham potential

dunite

duochromators

duochromators

duoplasmatrons

duplex operation

duplexers

duplicating

USE reproduction (copying)

durability

(durability), life

USE life (durability)

(durability), lifetime

USE life (durability)

duration

USE time

Duration Exposure Facility, Long

USE Long Duration Exposure Facility

duration, light

USE pulse duration
flash

duration modulation, pulse

USE pulse duration modulation

duration, pulse

USE pulse duration

duration space flight, extended

USE long duration space flight

duration space flight, long

USE long duration space flight

durene

Dushman equation, Richardson-

USE temperature effects
thermionic emission

dust

dust belt, terrestrial

USE terrestrial dust belt

dust clouds, meteoroid

USE meteoroid dust clouds

dust collectors

dust, cosmic

USE cosmic dust

dust, interplanetary

USE interplanetary dust

dust, lunar

USE lunar dust

dust, meteoritic

USE micrometeoroids

dust storms

dust, zodiacal

USE zodiacal dust

dusting, crop

USE crop dusting

dwarf galaxies

dwarf novae

dwarf stars

dwarf stars, brown

USE brown dwarf stars

dwarf stars, red

USE red dwarf stars

dwarf stars, white

USE white dwarf stars

dwell

Dy

USE dysprosium

dyadics

dye lasers

dyes

Dyna-Soar space glider

USE X-20 aircraft

dynamic characteristics

dynamic control

dynamic loads

dynamic models

dynamic modulus of elasticity

dynamic power systems, solar

USE solar dynamic power systems

dynamic pressure

dynamic programming

dynamic properties

USE dynamic characteristics

dynamic range

dynamic response

dynamic stability

dynamic structural analysis

dynamic tests

dynamical systems

dynamics

dynamics, aero

USE aerodynamics

dynamics, aerothermo

USE aerothermodynamics

Dynamics aircraft, General

USE General Dynamics aircraft

dynamics, astro

USE astrodynamics

dynamics, bio

USE biodynamics

dynamics), cascades (fluid

USE fluid dynamics

dynamics, chiral

USE chiral dynamics

dynamics, computational fluid

USE computational fluid dynamics

dynamics, crustal

USE geodynamics
Earth crust

dynamics, elasto

USE elastodynamics

dynamics, electro

USE electrodynamics

Dynamics Explorer satellites

Dynamics Explorer 1 satellite

Dynamics Explorer 2 satellite

dynamics, fluid

USE fluid dynamics

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dynamics, gas

USE gas dynamics

dynamics, geo

USE geodynamics

dynamics, group

USE group dynamics

dynamics, hemo

USE hemodynamics

dynamics, hydro

USE hydrodynamics

dynamics, magnetohydro

USE magnetohydrodynamics

dynamics, magnetoplasma

USE magnetoplasmadynamics

dynamics, ocean

USE ocean dynamics

dynamics), panel method (fluid

USE panel method (fluid dynamics)

dynamics, plasma

USE plasma dynamics

dynamics, rarefied gas

USE rarefied gas dynamics

dynamics, robot

USE robot dynamics

dynamics, rotor

USE rotor dynamics

dynamics, solar

USE helioseismology

dynamics, spin

USE spin dynamics

dynamics), stabilizers (fluid

USE stabilizers (fluid dynamics)

dynamics, structural

USE dynamic structural analysis

dynamics, terra

USE terradynamics

dynamics, thermo

USE thermodynamics

dynamite

dynamo theory

dynamometers

dynamometry, ophthalmic

USE ophthalmodynamometry

dynamos

USE rotating generators

dynes, auto

USE autodynes

dynodes

Dyson theory

dyspnea

dysprosium

dysprosium compounds

dysprosium isotopes

dysprosium 161

USE dysprosium isotopes

E

E, AIMP-
USE Explorer 35 satellite

E, Atmosphere Explorer
USE Explorer 55 satellite

E, Earth Resources Technology Satellite
USE Landsat E

E, ERTS-
USE Landsat E

E glass

E ICBM, Atlas
USE Atlas E ICBM

E, IMP-
USE Explorer 35 satellite

E, Landsat
USE Landsat E

E layer, night
USE E region
night sky

E layer, sporadic
USE sporadic E layer

E layers
USE E region

E, Lunar Orbiter
USE Lunar Orbiter 5

E, NOAA
USE NOAA 8 satellite

E, OGO-
USE OGO-5

E, OSO-
USE OSO-3

E region

E satellite, AE-
USE Explorer 55 satellite

E satellite, TIROS
USE TIROS 5 satellite

E, Space Shuttle mission 51-
USE Space Shuttle mission 51-E

E, Space Shuttle mission 61-
USE Space Shuttle mission 61-E

E, vitamin
USE tocopherol

E-1 layer

E-2 aircraft

E-2 layer

E-3A aircraft

E-4A aircraft

EAI 680 computer

EAI 8400 computer

EAI 8900 computer

ear

ear, middle
USE middle ear

ear pressure, middle
USE middle ear pressure

ear pressure test

ear protectors

eardrums

Early Apollo Surface Experiments Package
USE EASEP

Early Bird satellites

early stars

Early Warning System, Ballistic Missile
USE Ballistic Missile Early Warning System

early warning systems

earphones

ears, artificial
USE artificial ears

Earth & Ocean Physics Applications Program

Earth albedo

earth alloys, rare
USE rare earth alloys

Earth atmosphere

Earth atmosphere, primitive
USE primitive Earth atmosphere

Earth axis

earth compounds, alkaline
USE alkaline earth compounds

earth compounds, rare
USE rare earth compounds

Earth core

Earth crust

Earth currents
USE telluric currents

earth elements, rare
USE rare earth elements

Earth Energy Budget Experiment
USE LZEEBE satellite

Earth Energy Budget Experiment, Zonal
USE LZEEBE satellite

Earth Energy Experiment, Long Term Zonal
USE LZEEBE satellite

Earth environment

Earth Explorer 1, International Sun
USE International Sun Earth Explorer 1

Earth Explorer 2, International Sun
USE International Sun Earth Explorer 2

Earth Explorer 3, International Sun
USE International Sun Earth Explorer 3

Earth Explorers, International Sun
USE International Sun Earth Explorers

Earth figure
USE geodesy

Earth gravitation

Earth hydrosphere

(Earth), hydrosphere
USE Earth hydrosphere

Earth ionosphere

Earth limb

Earth magnetosphere

Earth Resources Technology Satellite F

Earth magnetotail
USE geomagnetic tail

Earth mantle

earth metals, alkaline
USE alkaline earth metals

Earth motion

Earth movements

earth navigation, nap-of-the-
USE nap-of-the-earth navigation

Earth Neighborhood, Origin of Plasmas in
USE OPEN Project

Earth observations (from space)

Earth Observatory satellite, Synchronous
USE Synchronous Earth Observatory satellite

Earth Observing System (EOS)

Earth orbital environments

Earth Orbital Environments, Geosynchronous
USE Earth orbital environments

Earth orbital environments, low
USE Earth orbital environments

earth orbital environments, low
USE Earth orbital environments

Earth orbital rendezvous

Earth orbiting space stations
USE space stations

Earth orbits

Earth orientation

earth oxides, alkaline
USE alkaline earth oxides

Earth (planet)

Earth planetary structure

Earth radiation
USE terrestrial radiation

Earth radiation budget

Earth radiation budget experiment

Earth resources

Earth Resources Experiment Package
USE EREP

Earth Resources Information System

Earth Resources Observation Satellites
USE EROS (satellites)

Earth Resources Program

Earth Resources Shuttle Imaging Radar

Earth Resources Survey aircraft

Earth Resources Survey Program

Earth Resources Technology Satellite B
USE Landsat 2

Earth Resources Technology Satellite C
USE Landsat 3

Earth Resources Technology Satellite D
USE Landsat 4

Earth Resources Technology Satellite E
USE Landsat E

Earth Resources Technology Satellite F
USE Landsat F

Earth Resources Technology Satellite 1

Earth Resources Technology Satellite 1
USE Landsat 1

Earth Resources Technology Satellites
USE Landsat satellites

Earth rotation

Earth sciences

Earth shape
USE geodesy

Earth space flight, return to
USE return to Earth space flight

Earth, space observations (from)
USE space observations (from Earth)

(Earth structure), mantle
USE Earth mantle

Earth surface

Earth terminal measurement system

Earth terminals

Earth tides

Earth trajectories, moon-
USE moon-Earth trajectories

Earth Viewing Applications Laboratory

Earth-ionosphere waveguide

Earth-Mars trajectories

Earth-Mercury trajectories

Earth-Moon system

Earth-Moon trajectories

Earth-Venus trajectories

Earthnet

earthquake damage

earthquake resistance

earthquake resistant structures

earthquakes

EASEP

East Germany

East Pakistan
USE Bangladesh

Eastern Hemisphere

eating

Ebert spectrometers

EBF
USE externally blown flaps

EBR-1 reactor
USE Experimental Breeder Reactor 1

EBR-2 reactor
USE Experimental Breeder Reactor 2

ebullition
USE boiling

EBWR (reactor)
USE experimental boiling water reactors

EC-121 aircraft

Eccentric Geophysical Observatory
USE EGO

Eccentric Lunar Occultation satellite, High
USE Exosat satellite

Eccentric Lunar Occultation Satellite, High
USE Exosat satellite

Eccentric Orbit Geophysical Observatory
USE EGO

Eccentric Orbit satellites, Highly
USE HEOS satellites

eccentric orbits

eccentricity

eccentrics

echelette gratings

echelle gratings

echelon faults
USE geological faults

Echo project

Echo satellites

echo sounding

echo suppressors

Echo 1 carrier rocket
USE Thor Delta launch vehicle

Echo 1 satellite

Echo 2 satellite

echocardiography

echoencephalography

echoes

echoes, auroral
USE auroral echoes

echoes, lunar
USE lunar echoes

echoes, lunar radar
USE lunar radar echoes

echoes, radar
USE radar echoes

echoes, radio
USE radio echoes

echoes, solar radar
USE solar radar echoes

echoes, Venus radar
USE Venus radar echoes

eclipse project

eclipses

eclipses, lunar
USE lunar eclipses

eclipses, solar
USE solar eclipses

eclipsing binary stars

ecliptic

eclogite

Ecol Test Site, Central Atlantic Regional
USE Central Atlantic Regional Ecol Test Site

ecological systems
USE ecosystems

ecological systems, closed
USE closed ecological systems

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Ecological Test Site, Arizona Regional
USE Arizona Regional Ecological Test Site

ecology

ecology, coastal
USE coastal ecology

econometrics

economic analysis

economic development

economic factors

economic impact

economics

(economics), demand
USE demand (economics)

economy

ecosystems

ECS
USE European Communications Satellite

Ecuador

eddies
USE vortices

Eddington approximation

eddy currents

eddy diffusion
USE turbulent diffusion

eddy viscosity

edema

edge detection

edge dislocations

edge flaps, leading
USE leading edge flaps

edge flaps, trailing
USE trailing edge flaps

edge loading

edge slats, leading
USE leading edge slats

edge sweep, leading
USE leading edge sweep

edge thrust, leading
USE leading edge thrust

edges

edges, blunt leading
USE blunt leading edges

edges, blunt trailing
USE blunt trailing edges

edges, leading
USE leading edges

edges, sharp leading
USE sharp leading edges

edges, trailing
USE trailing edges

editing

editing routines (computers)

EDTA
USE ethylenediaminetetraacetic acids

education

Education Telecommunications exp, Health-
USE HET experiment

educational television

Edward Island, Prince
USE Prince Edward Island

EEG (electroencephalograms)
USE electroencephalography

effect (aerodynamics), ground
USE ground effect (aerodynamics)

effect, Auger
USE Auger effect

effect, Barkhausen
USE Barkhausen effect

effect, Bauschinger
USE Bauschinger effect

effect, Brillouin
USE Brillouin effect

effect, brown wave
USE brown wave effect

effect, capture
USE capture effect

effect, Cerenkov
USE Cerenkov radiation

effect, Coanda
USE Coanda effect

effect (communications), ground
USE ground effect (communications)

effect, Compton
USE Compton effect

effect, Coriolis
USE Coriolis effect

effect, diffusion
USE diffusion

effect, dihedral
USE lateral stability

effect, Doppler
USE Doppler effect

effect, Doppler-Fizeau
USE Doppler-Fizeau effect

effect, drag
USE drag

effect (electricity), proximity
USE proximity effect (electricity)

effect, electro-optical
USE electro-optical effect

effect, electroseismic
USE electric current
seismic waves

effect, Ettingshausen
USE Ettingshausen effect

effect, Faraday
USE Faraday effect

effect, Fizeau
USE Fizeau effect

effect, Forbush
USE Forbush decreases

effect, green wave
USE green wave effect

effect, greenhouse
USE greenhouse effect

effect, Gunn
USE Gunn effect

effect, Hall
USE Hall effect

effect, hydrodynamic ram
USE hydrodynamic ram effect

effect, isotope
USE isotope effect

effect, Jahn-Teller
USE Jahn-Teller effect

effect, Joule-Thomson
USE Joule-Thomson effect

effect, Kerr electrooptical
USE Kerr electrooptical effect

effect, Kerr magnetooptical
USE Kerr magnetooptical effect

effect, Kirkendall
USE Kirkendall effect

effect, kondo
USE kondo effect

effect, Luxembourg
USE Luxembourg effect

effect machine, Cushioncraft ground
USE Cushioncraft ground effect machine

effect machine, DTMB-111 ground
USE ground effect machines

effect machine, DTMB-430 ground
USE ground effect machines

effect machine, SR-N2 ground
USE Westland ground effect machines

effect machine, SR-N3 ground
USE Westland ground effect machines

effect machine, SR-N5 ground
USE Westland ground effect machines

effect machine, Westland SR-N2 ground
USE Westland ground effect machines

effect machine, Westland SR-N3 ground
USE Westland ground effect machines

effect machine, Westland SR-N5 ground
USE Westland ground effect machines

effect machines, ground
USE ground effect machines

effect machines, HD-1 ground
USE hovercraft ground effect machines

effect machines, hovercraft ground
USE hovercraft ground effect machines

effect machines, Westland ground
USE Westland ground effect machines

effect, Magnus
USE Magnus effect

effect, Meissner
USE superconductivity
diamagnetism

effect, Mossbauer
USE Mossbauer effect

effect, Nernst-Ettingshausen
USE Nernst-Ettingshausen effect

effect, nonohmic
USE nonohmic effect

effect, nuclear explosion
USE nuclear explosion effect

effect, Overhauser
USE Overhauser effect

effect, Penning
USE Penning effect

effect, photoelectric
USE photoelectric effect

effect, photomechanical
USE photomechanical effect

effect, photovoltaic
USE photovoltaic effect

effect, pinch
USE pinch effect

effect, Pockels
USE birefringence

effect, Poynting-Robertson
USE Poynting-Robertson effect

effect, Raman
USE Raman spectra

effect, Ramsauer
USE Ramsauer effect

effect, Sagnac
USE Sagnac effect

effect, scale
USE scale effect

effect, Schach
USE Schach effect

effect, Schottky
USE work functions

effect, screen
USE screen effect

effect, Seebeck
USE Seebeck effect

effect ships, surface
USE surface effect ships

effect, snowplow
USE plasma dynamics

effect, Stark
USE Stark effect

effect, Suhl
USE Suhl effect

effect, sweep
USE sweep effect

effect, Thomson
USE thermoelectricity

effect transistors, field
USE field effect transistors

effect transistors, junction field
USE JFET

effect, Umkehr
USE Umkehr effect

effect, Voigt
USE Voigt effect

effect, Zeeman
USE Zeeman effect

effect, Zener
USE Zener effect

effective perceived noise levels**effectiveness**

effectiveness, cost
USE cost effectiveness

effectiveness (RBE), relative biological

effectiveness (RBE), relative biological
USE relative biological effectiveness (RBE)

effectiveness, system
USE system effectiveness

effectors

effectors, end
USE end effectors

effects

effects, atmospheric
USE atmospheric effects

effects, biological
USE biological effects

effects, chemical
USE chemical effects

effects, compressibility
USE compressibility effects

effects, environment
USE environment effects

effects, free stream
USE free flow

effects, galvanomagnetic
USE galvanomagnetic effects

effects, geomagnetic
USE magnetic effects

effects, gravitational
USE gravitational effects

effects, heat
USE temperature effects

effects, jet blast
USE jet blast effects

effects, Kerr
USE Kerr effects

effects, long term
USE long term effects

effects, lunar
USE lunar effects

effects, lunar gravitational
USE lunar gravitational effects

effects, magnetic
USE magnetic effects

effects, many electron
USE many electron effects

effects, Moire
USE Moire effects

effects, pathological
USE pathological effects

effects, Peltier
USE Peltier effects

effects, photoelectromagnetic
USE photoelectromagnetic effects

effects, photomagnetic
USE photomagnetic effects

effects, physiological
USE physiological effects

effects, POGO
USE POGO effects

effects, pressure
USE pressure effects

effects, psychological
USE psychological effects

effects, radiation
USE radiation effects

effects, reentry
USE reentry effects

effects, relativistic
USE relativistic effects

Effects Sat, Combined Release and Radiation
USE CRRES (satellite)

effects, solar activity
USE solar activity effects

effects, sterilization
USE sterilization effects

effects, surface roughness
USE surface roughness effects

effects, temperature
USE temperature effects

effects, thermal
USE temperature effects

effects, thermomagnetic
USE thermomagnetic effects

effects, turbulence
USE turbulence effects

effects, vacuum
USE vacuum effects

effects, vibration
USE vibration effects

effects, view
USE view effects

effects, wind
USE wind effects

efferent nervous systems

effervescence

efficiency

efficiency, charge
USE charge efficiency

efficiency, combustion
USE combustion efficiency

efficiency, compressor
USE compressor efficiency

efficiency, energy conversion
USE energy conversion efficiency

efficiency, nozzle
USE nozzle efficiency

efficiency, power
USE power efficiency

Efficiency program, Aircraft Energy
USE ACEE program

efficiency, propeller
USE propeller efficiency

efficiency, propulsive
USE propulsive efficiency

efficiency, quantum
USE quantum efficiency

efficiency, thermal
USE thermodynamic efficiency

efficiency, thermodynamic
USE thermodynamic efficiency

efficiency, transmission
USE transmission efficiency

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Efficiency Transport program, Energy
USE ACEE program

efficiency, volumetric
USE volumetric efficiency

effluents

efflux

effort

effusives

EGCR (reactor)
USE experimental gas cooled reactors

eggs

EGO

egress

Egypt

eigenfunctions
USE eigenvectors

eigenstates
USE eigenvectors

eigenvalues

eigenvectors

elkonal equation

Einstein equations

Einstein Observatory
USE HEAO 2

Einstein statistics, Bose-
USE quantum statistics

einsteinium

einsteinium compounds

EISCAT radar system (Europe)

ejecta

ejection

ejection injuries

ejection seats

ejection seats, flying
USE flying ejection seats

ejection, stellar mass
USE stellar mass ejection

ejection training

ejectors

Ekman layer

el Nino

El Salvador

elastic anisotropy

elastic bars

elastic bending

elastic bodies

elastic buckling

elastic collisions
USE elastic scattering

elastic constants
USE elastic properties

elastic cylinders

elastic damping

elastic deformation

elastic media

elastic modulus
USE modulus of elasticity

elastic plates

elastic properties

elastic scattering

elastic sheets

elastic shells

(elastic), springs
USE springs (elastic)

elastic stability
USE damping

elastic strength
USE proportional limit

elastic systems

elastic waves

elastic waves, polarized
USE polarized elastic waves

elasticity
USE elastic properties

elasticity, aero
USE aeroelasticity

elasticity, aerothermo
USE aerothermoelasticity

elasticity, an
USE anelasticity

(elasticity), compliance
USE modulus of elasticity

elasticity, dynamic modulus of
USE dynamic modulus of elasticity

elasticity, hydro
USE hydroelasticity

elasticity, hypo
USE hypoelasticity

elasticity, modulus of
USE modulus of elasticity

elasticity, photo
USE photoelasticity

elasticity, photovisco
USE photoviscoelasticity

elasticity, thermo
USE thermoelasticity

elasticity, thermovisco
USE thermoviscoelasticity

elasticity, visco
USE viscoelasticity

elasticizers
USE plasticizers

elastin

elastodynamics

elastohydrodynamics

elastomers

elastomers, vulcanized
USE vulcanized elastomers

elastometers

elastoplasticity

elastostatics

Elber equation

elbow (anatomy)

Eldo launch vehicle

Electra aircraft

electrets

electric aircraft
USE fly by wire control

electric appliances
USE electric equipment

electric arcs

electric automobiles

electric batteries

(electric), breakers
USE circuit breakers

electric bridges

Electric Canberra aircraft, English
USE Canberra aircraft

electric cells

electric cells, fission
USE fission electric cells

electric charge

electric choppers

(electric), choppers
USE electric choppers

electric circuits
USE circuits

electric coils

Electric computers, General
USE GE computers

electric conductors

electric connectors

(electric), connectors
USE electric connectors

electric contacts

(electric), contacts
USE electric contacts

electric control

electric corona

electric current

electric dipoles

electric discharges

electric energy storage

electric equipment

electric equipment tests

electric field strength

electric fields

electric filters

electric furnaces

electric fuses

electric generators

electric hybrid vehicles

electric ignition

electric impulses
USE electric pulses

electric moments

electric motor vehicles

electric motors

electric networks

electric outlets

electric potential

electric power

electric power conversion
USE electric generators

electric power generation, nuclear
USE nuclear electric power generation

electric power plants

electric power plants, solar thermal
USE solar thermal electric power plants

electric power supplies

electric power transmission

electric propulsion

electric propulsion, nuclear
USE nuclear electric propulsion

electric propulsion, solar
USE solar electric propulsion

electric pulses

electric reactors

electric relays

electric rocket engines

electric rocket tests, space
USE space electric rocket tests

Electric Spacecraft, Advanced Recon
USE Advanced Recon Electric Spacecraft

electric sparks

electric stimuli

electric switches

electric terminals

electric welding

electric wire

electric wiring
USE electric wire
wiring

electrical breakdown
USE electrical faults

electrical conductivity
USE electrical resistivity

electrical conductivity meters

(electrical contacts), brushes

(electrical contacts), brushes

USE brushes (electrical contacts)

electrical energy

USE electric power

electrical engineering

electrical faults

electrical grounding

electrical impedance

electrical insulation

(electrical), jacks

USE electric connectors

electrical leads

USE electric conductors

electrical machines, rotating

USE rotating electrical machines

electrical measurement

(electrical), mismatch

USE mismatch (electrical)

electrical properties

electrical resistance

electrical resistivity

electrically suspended gyroscopes

USE electrostatic gyroscopes

electricity

electricity, antiferro

USE antiferroelectricity

electricity, atmospheric

USE atmospheric electricity

electricity, bio

USE bioelectricity

electricity, ferro

USE ferroelectricity

electricity, geo

USE geoelectricity

electricity, myo

USE myoelectricity

electricity, photo

USE photoelectricity

electricity, piezo

USE piezoelectricity

(electricity), proximity effect

USE proximity effect (electricity)

electricity, pyro

USE pyroelectricity

electricity, static

USE static electricity

electricity, thermo

USE thermoelectricity

electrification

electro-optical effect

electro-optical photography

electro-optical switching

USE optical switching

electro-optics

electroacoustic transducers

electroacoustic waves

electroacoustics

electroanesthesia

electrocardiograms

USE electrocardiography

electrocardiography

electrocatalysts

electrochemical cells

electrochemical corrosion

electrochemical machining

electrochemical oxidation

electrochemistry

electrochemistry, photo

USE photoelectrochemistry

electrochromism

electroconductivity

USE electrical resistivity

electrocutaneous communication

electrode film barriers

electrode materials

electrodeless discharges

electrodeposition

electrodermal response

USE galvanic skin response

electrodes

electrodes (biology), implanted

USE implanted electrodes (biology)

electrodes, diffusion

USE diffusion electrodes

electrodes, glass

USE glass electrodes

electrodes, ion selective

USE ion selective electrodes

electrodes, plasma

USE plasma electrodes

electrodes, solid

USE solid electrodes

electrodialysis

electrodissolution

electrodynamics

electrodynamics, quantum

USE quantum electrodynamics

electrodynamometers

USE dynamometers

electroencephalogram

USE electroencephalography

(electroencephalograms), EEG

USE electroencephalography

electroencephalography

electroepitaxy

electroerosion

USE spark machining

electroexplosive devices

USE initiators (explosives)

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electroforming

electrogenerators

USE electric generators

electrohydraulic control

USE electric control
hydraulic control

electrohydraulic forming

electrohydrodynamics

electrojet, equatorial

USE equatorial electrojet

electrojets

electrojets, auroral

USE auroral electrojets

electrokinetics

electroless deposition

electroluminescence

electroluminescent lamps

USE electroluminescence
luminaires

electrolysis

electrolyte metabolism

electrolytes

electrolytes, ion exchange membrane

USE ion exchange membrane electrolytes

electrolytes, molten salt

USE molten salt electrolytes

electrolytes, non

USE nonelectrolytes

electrolytes, nonaqueous

USE nonaqueous electrolytes

electrolytes, solid

USE solid electrolytes

electrolytic cells

electrolytic grinding

USE electrochemical machining

electrolytic polarization

electrolytic polishing

USE electropolishing

electromagnetic absorption

electromagnetic acceleration

electromagnetic compatibility

electromagnetic control

USE electromagnets
remote control

electromagnetic coupling

electromagnetic deduction

USE magnetic induction

electromagnetic environment experiment

electromagnetic fields

electromagnetic hammers

electromagnetic interaction, plasma-

USE plasma-electromagnetic interaction

electromagnetic interactions

electromagnetic interference

electromagnetic measurement

electromagnetic missiles

electromagnetic noise

electromagnetic noise measurement

(electromagnetic), power density
USE radiant flux density

electromagnetic propagation
USE electromagnetic wave transmission

electromagnetic properties

electromagnetic propulsion

electromagnetic pulses

electromagnetic pulses, system generated
USE system generated electromagnetic pulses

electromagnetic pumps

electromagnetic radiation

electromagnetic radiation, coherent
USE coherent electromagnetic radiation

electromagnetic radiation, polarized
USE polarized electromagnetic radiation

electromagnetic scattering

electromagnetic shielding

electromagnetic spectra

electromagnetic surface waves

electromagnetic wave filters

electromagnetic wave transmission

electromagnetic waves
USE electromagnetic radiation

electromagnetics
USE electromagnetism

electromagnetism

electromagnets

electromechanical devices

electromechanics

electrometers

electromigration

electromotive forces

electromyograms
USE electromyography

electromyographs
USE electromyography

electromyography

electron acceleration

electron accelerators

electron affinity

electron affinity, negative
USE negative electron affinity

electron attachment

electron avalanche

electron beam welding

electron beams

electron beams, relativistic
USE relativistic electron beams

electron bombardment

electron bunching

electron capture

electron clouds

electron collisions
USE electron scattering

electron compounds
USE intermetallics

electron counters

electron cyclotron heating

electron decay rate

(electron deficiencies), holes
USE holes (electron deficiencies)

electron density (concentration)

electron density, ionospheric
USE ionospheric electron density

electron density, magnetospheric
USE magnetospheric electron density

electron density profiles

electron detectors
USE electron counters

electron devices, transferred
USE transferred electron devices

electron diffraction

electron diffusion

electron distribution

electron effects, many
USE many electron effects

electron emission

electron energy

electron flux
USE electrons
flux (rate)

electron flux density

electron gas

electron guns

electron impact

electron intensity
USE electron flux density

electron interaction, photon-
USE photon-electron interaction

electron interactions
USE electron scattering

electron ionization
USE ionization

electron irradiation

electron lasers, free
USE free electron lasers

electron mass

electron microscopes

electron microscopy

electron microscopy, scanning
USE scanning electron microscopy

electron microscopy, transmission
USE transmission electron microscopy

electron mobility

electron mobility transistors, high
USE high electron mobility transistors

electron multipliers
USE photomultiplier tubes

electron optics

electron orbitals

electron oscillations

electron paramagnetic resonance

electron paths
USE electron trajectories

electron phonon interactions

electron photography

electron photon cascades

electron plasma

electron precipitation

electron pressure

electron probes

electron pumping

electron radiation

electron recombination

electron ring accelerators
USE storage rings (particle accelerators)

electron runaway (plasma physics)

electron scattering

electron sources

electron spectroscopy

electron spin

electron spin resonance
USE electron paramagnetic resonance

electron states

electron sweeping
USE sweep frequency

electron telescopes
USE particle telescopes

electron temperature
USE electron energy

electron trajectories

electron transfer

electron transitions

electron tubes

electron tunneling

electron-hole drops

electron-ion recombination

electron-positron annihilation
USE positron annihilation

electron-positron pairs

electron-positron plasmas

electronarcosis

electronarcosis

electronic aircraft

electronic amplifiers
USE amplifiers

electronic bulletin boards

electronic control

electronic countermeasures

electronic devices, microminiaturized
USE microminiaturized electronic devices

electronic equipment

electronic equipment, miniature
USE miniature electronic equipment

electronic equipment, spacecraft
USE spacecraft electronic equipment

electronic equipment tests

electronic filters

electronic levels
USE electron energy
energy levels

electronic mail

Electronic Management System, Central
USE Central Electronic Management System

electronic modules

electronic packaging

electronic photography
USE electro-optical photography

electronic recording systems

electronic signal measurement
USE signal measurement

electronic spectra

electronic structure
USE atomic structure

electronic switches
USE switching circuits

electronic transducers

electronic warfare

electronics

(electronics), chips
USE chips (electronics)

electronics, digital
USE digital electronics

(electronics), doghouses
USE doghouses (electronics)

(electronics), HEMT
USE high electron mobility transistors

(electronics), hole distribution
USE hole distribution (electronics)

(electronics), look angles
USE look angles (electronics)

electronics, medical
USE medical electronics

electronics, micro
USE microelectronics

electronics, molecular
USE molecular electronics

electronics, quantum
USE quantum electronics

electronics, radio
USE radio electronics

electronography

electrons

electrons, conduction
USE conduction electrons

electrons, free
USE free electrons

electrons, high energy
USE high energy electrons

electrons, hot
USE hot electrons

electrons, N
USE N electrons

electrons, nonrelativistic
USE electrons

electrons, photo
USE photoelectrons

electrons, pi-
USE pi-electrons

electrons, solar
USE solar electrons

electronystagmography

electrooptical effect, Kerr
USE Kerr electrooptical effect

electrophoresis

electrophoresis, continuous flow
USE electrophoresis

electrophotometers

electrophotometry

electrophysics

electrophysiology

electroplating

electroplethysmography

electropolishing

electrorefining

electroretinography

electrorheological fluids

electroseismic effect
USE electric current
seismic waves

electroslag process

electroslag refining

electroslag welding

electrostatic bonding

electrostatic charge

electrostatic drag

electrostatic engines

electrostatic erosion
USE spark machining

electrostatic fields
USE electric fields

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electrostatic generators

electrostatic gyroscopes

electrostatic plasma
USE plasmas (physics)

electrostatic precipitators

electrostatic probes

electrostatic propulsion

electrostatic shielding

electrostatic waves

electrostatics

electrostriction

electrothermal engines

electrowinning

Elektron satellites

Elektron 1 satellite

Elektron 2 satellite

Elektron 4 satellite

element abundance
USE abundance

element method, boundary
USE boundary element method

element method, finite
USE finite element method

element 104

element 105

elementary excitations

elementary particle interactions

elementary particles

elements

elements (antennas), parasitic
USE parasitic elements (antennas)

elements, chemical
USE chemical elements

elements, decision
USE logical elements

elements, directors (antenna
USE directors (antenna elements)

elements, fluid switching
USE fluid switching elements

elements, heavy
USE heavy elements

elements, isoparametric finite
USE isoparametric finite elements

elements, light
USE light elements

elements, logical
USE logical elements

elements, nuclear fuel
USE nuclear fuel elements

elements (nuclear reactors), fuel
USE nuclear fuel elements

elements, orbital
USE orbital elements

elements, passive
USE parasitic elements (antennas)

elements, picture
USE pixels

elements, radioactive
USE radioactive isotopes

elements, rare earth
USE rare earth elements

elements, shafts (machine)
USE shafts (machine elements)

elements, switching
USE switching circuits

elements, trace
USE trace elements

elements, transmissions (machine)
USE transmissions (machine elements)

elements, transuranium
USE transuranium elements

elevation

elevation angle

(elevation), datum
USE datum (elevation)

elevations (drawings)
USE drawings

elevator illusion

elevators (control surfaces)

elevators (lifts)

elevons

elimination

elimination, Gaussian
USE Gaussian elimination

elimination, noise
USE noise reduction

ellipses

ellipsoid, Izsak
USE ellipsoids
geodesy

ellipsoids

ellipsometers

ellipsometry

elliptic differential equations

elliptic functions

elliptic integrals
USE elliptic functions

elliptical cylinders

elliptical galaxies

elliptical orbits

elliptical plasmas

elliptical polarization

ellipticity

Elmo fire, Saint
USE Saint Elmo fire

elongation

elution

elutriation
USE elution

emanation
USE emission

embedded computer systems

embedding

embolism, aero
USE aeroembolism

embolisms

embolisms, fat
USE fat embolisms

embossing

embrittlement

embrittlement, hydrogen
USE hydrogen embrittlement

embryology

embryos

emerald
USE beryl

emergencies

emergency breathing techniques

emergency life sustaining systems

emergency locator transmitters

emerging

Emirates, United Arab
USE United Arab Emirates

emission

emission, acoustic
USE acoustic emission

emission, atmospheric
USE airglow

emission, CN
USE CN emission

emission, cyanide
USE CN emission

emission devices, stimulated
USE stimulated emission devices

emission, electron
USE electron emission

emission, exhaust
USE exhaust emission

emission, field
USE field emission

emission, fluorescent
USE fluorescence

emission, hydroxyl
USE hydroxyl emission

emission, ion
USE ion emission

emission, light
USE light emission

emission, microwave
USE microwave emission

emission, neutron
USE neutron emission

emission, nonthermal
USE nonthermal radiation

emission, optical
USE light emission

emission, particle
USE particle emission

emission, photoelectric
USE photoelectric emission

emission, radiation
USE radiation

emission, radio
USE radio emission

emission recorders, VLF
USE VLF emission recorders

emission, secondary
USE secondary emission

emission, self sustained
USE self sustained emission

emission, solar radio
USE solar radio emission

emission spectra

emission, spectral
USE spectral emission

emission spectroscopy, optical
USE optical emission spectroscopy

emission, spontaneous
USE spontaneous emission

emission, stimulated
USE stimulated emission

emission, thermal
USE thermal emission

emission, thermionic
USE thermionic emission

emission, ultraviolet
USE ultraviolet emission

emissions, geocoronal
USE geocoronal emissions

emissivity

emissographs
USE actinometers
recording instruments

emittance

emitters

emitters, thermionic
USE thermionic emitters

emitting diodes, light
USE light emitting diodes

emitting lasers, surface
USE surface emitting lasers

emotional factors

emotions

empennage
USE tail assemblies

emphysema

employee relations

employment

emptying

EMR 6050 computer

emulsions

emulsions, nuclear

emulsions, nuclear

USE nuclear emulsions

emulsions, photographic

USE photographic emulsions

en route ATC, automated

USE automated en route ATC

enamel

enargite

encapsulated microcircuits

encapsulating

Encecladus

encephalitis

encephalography, echo

USE echoencephalography

encephalography, electro

USE electroencephalography

encephalography, rheo

USE rheoencephalography

Encke comet

Encke method

enclosure

enclosures

encoders

USE coders

encoding

USE coding

encoding, redundancy

USE redundancy encoding

encoding, signal

USE signal encoding

encounters

End Data System, NASA End-to-

USE needs (data system)

end data systems, end-to-

USE end-to-end data systems

end effectors

end moraines

USE glacial drift

end plates

End-to-End Data System, NASA

USE needs (data system)

end-to-end data systems

endangered species

Endeavour (orbiter)

endfire arrays

endocrine glands

endocrine secretions

endocrine systems

endocrinology

endolymph

endoplasmic reticulum

endoradiosondes

endoscopes

endothelium

endothermic fuels

endothermic reactions

endotoxins

endrin

endurance

endurance, physical

USE physical fitness

enemy personnel

Energetic Particle Explorer A

USE Explorer 12 satellite

Energetic Particle Explorer B

USE Explorer 14 satellite

Energetic Particle Explorer C

USE Explorer 15 satellite

Energetic Particle Explorer D

USE Explorer 26 satellite

energetic particles

energy

energy absorbers, solar

USE solar energy absorbers

energy absorption

energy absorption films

(energy absorption), moderation

USE moderation (energy absorption)

(energy absorption), thermalization

USE thermalization (energy absorption)

energy, activation

USE activation energy

Energy Astronomy Observatories, High

USE HEAO

Energy Astronomy Observatory A, High

USE HEAO 1

Energy Astronomy Observatory B, High

USE HEAO 2

Energy Astronomy Observatory C, High

USE HEAO 3

Energy Astronomy Observatory 1, High

USE HEAO 1

Energy Astronomy Observatory 2, High

USE HEAO 2

Energy Astronomy Observatory 3, High

USE HEAO 3

energy, atomic

USE nuclear energy

energy bands

Energy Budget Experiment, Earth

USE LZEEBE satellite

Energy Budget Experiment, Zonal Earth

USE LZEEBE satellite

energy budgets

energy, chemical

USE chemical energy

energy, clean

USE clean energy

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energy, commercial

USE commercial energy

energy conservation

energy consumption

energy conversion

energy conversion efficiency

energy conversion, geothermal

USE geothermal energy conversion

energy conversion, ocean thermal

USE ocean thermal energy conversion

energy conversion, satellite solar

USE satellite solar energy conversion

energy conversion, solar

USE solar energy conversion

energy conversion, waterwave

USE waterwave energy conversion

energy converters

USE direct power generators

energy density

USE flux density

energy dissipation

energy distribution

energy distribution, spectral

USE spectral energy distribution

energy, domestic

USE domestic energy

Energy Efficiency program, Aircraft

USE ACEE program

Energy Efficiency Transport program

USE ACEE program

energy, electrical

USE electric power

energy, electron

USE electron energy

energy electrons, high

USE high energy electrons

energy equipartition

USE equipartition theorem

energy exchange

USE energy transfer

Energy Experiment, Long Term Zonal Earth

USE LZEEBE satellite

energy extraction, geothermal

USE geothermal energy extraction

energy, free

USE free energy

energy fuels), HEF (high

USE high energy fuels

energy fuels, high

USE high energy fuels

energy gaps (solid state)

energy, Gibbs free

USE Gibbs free energy

energy, hydrogen-based

USE hydrogen-based energy

energy, industrial

USE industrial energy

energy interactions, high

USE high energy interactions

energy interactions, weak
USE weak energy interactions

energy, interfacial
USE interfacial energy

energy, internal
USE internal energy

energy, kinetic
USE kinetic energy

energy levels

energy levels, atomic
USE atomic energy levels

energy levels, molecular
USE molecular energy levels

energy loss
USE energy dissipation

energy management, terminal area
USE terminal area energy management

energy methods

energy methods, strain
USE strain energy methods

energy, momentum
USE kinetic energy

energy, nuclear
USE nuclear energy

energy, nuclear binding
USE nuclear binding energy

energy of formation

energy oxidizers, high
USE high energy oxidizers

energy, particle
USE particle energy

energy policy

energy, potential
USE potential energy

energy principle, Bernstein
USE Bernstein energy principle

energy production, biomass
USE biomass energy production

energy propellants, high
USE high energy propellants

energy, proton
USE proton energy

energy, radiant
USE radiation

energy release rate, strain
USE strain energy release rate

energy requirements

energy, residential
USE residential energy

energy, seismic
USE seismic energy

energy, solar
USE solar energy

energy sources

energy sources, atmospheric
USE atmospheric energy sources

energy sources, offshore
USE offshore energy sources

energy spectra

energy, stacking fault
USE stacking fault energy

energy storage

energy storage devices
USE energy storage

energy storage, electric
USE electric energy storage

energy storage, magnetic
USE magnetic energy storage

energy storage, thermal
USE heat storage

energy, surface
USE surface energy

energy systems, integrated
USE integrated energy systems

energy systems, solar total
USE solar total energy systems

energy systems, total
USE total energy systems

energy technology

energy, thermal
USE thermal energy

energy, thermonuclear
USE thermonuclear power generation

energy transfer

energy transfer (LET), linear
USE linear energy transfer (LET)

energy, transportation
USE transportation energy

energy utilization, geothermal
USE geothermal energy utilization

energy utilization, waste
USE waste energy utilization

energy, waterwave
USE waterwave energy

energy, wind
USE windpower utilization

energy, zero point
USE zero point energy

engine aircraft, single
USE single engine aircraft

engine airframe integration

engine, AJ-10
USE AJ-10 engine

engine, AJ-1000
USE M-1 engine

engine, Algol
USE Algol engine

engine, Altair
USE X-248 engine

engine analyzers

engine, ASROC
USE ASROC engine

engine, BE-3
USE BE-3 engine

engine, Bristol-Siddeley BS 53
USE Bristol-Siddeley BS 53 engine

engine, Bristol-Siddeley Olympus 593
USE Bristol-Siddeley Olympus 593 engine

engine, Bristol-Siddeley Viper
USE Bristol-Siddeley Viper engine

engine cases, missile
USE rocket engine cases

engine cases, rocket
USE rocket engine cases

engine, Castor 2
USE TX-354 engine

engine, CF-700
USE CF-700 engine

engine control

engine control, rocket
USE rocket engine control

engine control, turbojet
USE turbojet engine control

engine coolants

engine design

engine design, rocket
USE rocket engine design

engine, F-1 rocket
USE F-1 rocket engine

engine failure

engine for rocket vehicles, nuclear
USE nuclear engine for rocket vehicles

engine fuels, jet
USE jet engine fuels

engine, H-1
USE H-1 engine

engine, Hercules
USE Hercules engine

engine inlets

engine, J-2
USE J-2 engine

engine, J-33
USE J-33 engine

engine, J-34
USE J-34 engine

engine, J-47
USE J-47 engine

engine, J-52
USE J-52 engine

engine, J-57
USE J-57 engine

engine, J-57-P-20
USE J-57-P-20 engine

engine, J-58
USE J-58 engine

engine, J-65
USE J-65 engine

engine, J-69-T-25
USE J-69-T-25 engine

engine, J-71
USE J-71 engine

engine, J-73
USE J-73 engine

engine, J-75
USE J-75 engine

engine, J-79
USE J-79 engine

engine, J-85

engine, J-85
USE J-85 engine

engine, J-93
USE J-93 engine

engine, J-97
USE J-97 engine

engine, J93-MJ252H
USE J-93 engine

engine, J93-MJ280G
USE J-93 engine

(engine), LACE
USE liquid air cycle engines

engine, LR-62-RM-2
USE LR-62-RM-2 engine

engine, LR-87-AJ-5
USE LR-87-AJ-5 engine

engine, LR-91-AJ-5
USE LR-91-AJ-5 engine

engine, LR-99
USE LR-99 engine

engine, M-1
USE M-1 engine

engine, M-46
USE M-46 engine

engine, M-55
USE M-55 engine

engine, M-56
USE M-56 engine

engine, M-57
USE M-57 engine

engine, M-100
USE M-100 engine

engine, MA-2
USE MA-2 engine

engine, MA-3
USE MA-3 engine

engine, MA-5
USE MA-5 engine

engine, Marbore 2
USE J-69-T-25 engine

engine, Marquardt R4D
USE Marquardt R4D engine

engine monitoring instruments

(engine), NERVA
USE nuclear engine for rocket vehicles

(engine), NIMPHE
USE hydrazine engines

engine noise

engine noise, rocket
USE rocket engine noise

engine, P-1
USE P-1 engine

engine parts

engine, Pegasus
USE Bristol-Siddeley BS 53 engine

engine primers

engine program, quiet
USE quiet engine program

engine, RA-28
USE RA-28 engine

engine relight (in-flight)
USE air start

engine, RL-10-A-1
USE RL-10-A-1 engine

engine, RL-10-A-3
USE RL-10-A-3 engine

engine, SL-3 rocket
USE SL-3 rocket engine

engine, Space Shuttle main
USE Space Shuttle main engine

Engine (Space Shuttle), Orbit Maneuvering
USE Orbit Maneuvering Engine (Space Shuttle)

engine starters

engine, T-34
USE T-34 engine

engine, T-38
USE T-38 engine

engine, T-53
USE T-53 engine

engine, T-55
USE T-55 engine

engine, T-56
USE T-56 engine

engine, T-58
USE T-58 engine

engine, T-58-GE-8B
USE T-58-GE-8B engine

engine, T-63
USE T-63 engine

engine, T-64
USE T-64 engine

engine, T-74
USE T-74 engine

engine, T-76
USE T-76 engine

engine, T-78
USE T-78 engine

engine testing laboratories

engine tests

engine, TF-30
USE TF-30 engine

engine, TF-34
USE TF-34 engine

engine, TF-41
USE TF-41 engine

engine, TU-121
USE TU-121 engine

engine, TX-33-39
USE XM-33 engine

engine, TX-77
USE TX-77 engine

engine, TX-354
USE TX-354 engine

engine, X-248
USE X-248 engine

engine, X-254
USE X-254 engine

engine, X-258-B1
USE X-258-B1 engine

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engine, X-259
USE X-259 engine

engine, X-405
USE X-405 engine

engine, XJ-34-WE-32
USE J-34 engine

engine, XJ-79-GE-1
USE J-79 engine

engine, XLR-91-AJ-5
USE LR-91-AJ-5 engine

engine, XLR-99
USE XLR-99 engine

engine, XM-33
USE XM-33 engine

engine, YJ-73-GE-3
USE J-73 engine

engine, YJ-79
USE J-79 engine

engine, YJ-85
USE J-85 engine

engine, YJ-93
USE J-93 engine

engine, YJ-93-GE-3
USE J-93 engine

engine, YJ73 turbojet
USE J-73 engine

engine, YLR-91-AJ-1
USE YLR-91-AJ-1 engine

engine, YLR-99-RM-1
USE LR-99 engine

engine 9KS-11000, rocket
USE rocket engine 9KS-11000

engineering

engineering, aeronautical
USE aeronautical engineering

engineering, aerospace
USE aerospace engineering

engineering), beds (process
USE beds (process engineering)

engineering, bio
USE bioengineering

engineering, chemical
USE chemical engineering

engineering), columns (process
USE columns (process engineering)

engineering, computer aided
USE computer aided design

engineering), cracking (chemical
USE cracking (chemical engineering)

engineering development
USE product development

engineering drawings

engineering, electrical
USE electrical engineering

engineering, environmental
USE environmental engineering

engineering environments), SEE (software
USE programming environments

engineering environments, software
USE programming environments

engineering, genetic
USE genetic engineering

engineering, geotechnical
USE geotechnical engineering

engineering, human
USE human factors engineering

engineering, human factors
USE human factors engineering

engineering management

engineering, mechanical
USE mechanical engineering

engineering, production
USE production engineering

(engineering), regeneration
USE regeneration (engineering)

engineering, reliability
USE reliability engineering

engineering, reverse
USE reverse engineering

Engineering Simulator, Shuttle
USE Shuttle Engineering Simulator

engineering, software
USE software engineering

engineering, space systems
USE aerospace engineering

engineering, structural
USE structural engineering

engineering, systems
USE systems engineering

engineering test reactors

engineering, underwater
USE underwater engineering

engineering, value
USE value engineering

engineers

engines

engines, air breathing
USE air breathing engines

engines, aircraft
USE aircraft engines

engines, arc jet
USE arc jet engines

engines, automobile
USE automobile engines

engines, booster rocket
USE booster rocket engines

engines, cesium
USE cesium engines

engines, convertible fan-shaft
USE convertible fan-shaft engines

engines, Dart turboprop
USE turboprop engines

engines, diesel
USE diesel engines

engines, ducted fan
USE ducted fan engines

engines, ducted rocket
USE ducted rocket engines

engines, electric rocket
USE electric rocket engines

engines, electrostatic
USE electrostatic engines

engines, electrothermal
USE electrothermal engines

engines, external combustion
USE external combustion engines

engines, free-piston
USE free-piston engines

engines, gas generator
USE gas generators
engines

engines, gas turbine
USE gas turbine engines

engines, heat
USE heat engines

engines, helicopter
USE helicopter engines

engines, HEUS rocket
USE HEUS rocket engines

engines, hot water rocket
USE hot water rocket engines

engines, hybrid propellant rocket
USE hybrid propellant rocket engines

engines, hybrid rocket
USE hybrid rocket engines

engines, hydrazine
USE hydrazine engines

engines, hydrogen
USE hydrogen engines

engines, hydrogen oxygen
USE hydrogen oxygen engines

engines, hydrox
USE hydrogen oxygen engines

(engines), ingestion
USE ingestion (engines)

engines, internal combustion
USE internal combustion engines

engines, ion
USE ion engines

engines, JATO
USE JATO engines

engines, jet
USE jet engines

engines, liquid air cycle
USE liquid air cycle engines

engines, liquid oxygen hydrocarbon rocket
USE oxygen-hydrocarbon rocket engines

engines, liquid propellant rocket
USE liquid propellant rocket engines

engines, lithergol rocket
USE lithergol rocket engines

engines, low volume ramjet
USE low volume ramjet engines

engines, LOX-hydrocarbon rocket
USE oxygen-hydrocarbon rocket engines

engines, LOX-hydrogen
USE hydrogen oxygen engines

engines, mercury ion
USE mercury ion engines

engines, microrocket
USE microrocket engines

engines, Nike booster rocket
USE Nike booster rocket engines

engines, nozzleless rocket
USE nozzleless rocket engines

engines, nuclear lightbulb
USE nuclear lightbulb engines

engines, nuclear ramjet
USE nuclear ramjet engines

engines, nuclear rocket
USE nuclear rocket engines

engines, oxygen-hydrocarbon rocket
USE oxygen-hydrocarbon rocket engines

engines, piston
USE piston engines

engines, plasma
USE plasma engines

engines, pulsed jet
USE pulsed jet engines

engines, pulsejet
USE pulsejet engines

engines, radio frequency ion thruster
USE RIT engines

engines, ramjet
USE ramjet engines

engines, reciprocating
USE piston engines

engines, resistojet
USE resistojet engines

engines, restartable rocket
USE restartable rocket engines

engines, retrorocket
USE retrorocket engines

engines, reusable rocket
USE reusable rocket engines

engines, RIT
USE RIT engines

engines, RL-10
USE RL-10 engines

engines, rocket
USE rocket engines

engines, rotary
USE rotary engines

engines, scramjet
USE supersonic combustion ramjet engines

engines, solid propellant rocket
USE solid propellant rocket engines

engines, Stirling
USE Stirling engines

engines, supersonic combustion ramjet
USE supersonic combustion ramjet engines

engines, sustainer rocket
USE sustainer rocket engines

engines, SYNCOM apogee
USE SYNCOM apogee engines

engines, topping cycle
USE topping cycle engines

engines, torpedo
USE torpedo engines

engines, turbine
USE turbine engines

engines, turbofan

engines, turbofan
USE turbofan engines

engines, turbojet
USE turbojet engines

engines, turboprop
USE turboprop engines

engines, turboramjet
USE turboramjet engines

engines, turborocket
USE turborocket engines

engines, two stage plasma
USE two stage plasma engines

engines, ullage rocket
USE ullage rocket engines

engines, upper stage rocket
USE upper stage rocket engines

engines, variable cycle
USE variable cycle engines

engines, variable stream control
USE variable stream control engines

engines, Vernier
USE Vernier engines

engines, Wankel
USE Wankel engines

engines, X-258
USE X-258 engines

England

England (US), New
USE New England (US)

English Channel

English Electric Canberra aircraft
USE Canberra aircraft

English language

engraving

engraving, photo
USE photoengraving

enhancement
USE augmentation

enhancement, color
USE color coding

enhancement, image
USE image enhancement

enhancement of atmospherics, sudden
USE sudden enhancement of atmospherics

enhancement, storm
USE storm enhancement

enlarging
USE expansion

ENO schemes
USE essentially non-oscillatory schemes

enrichment

enrichment, isotopic
USE isotopic enrichment

Enrico Fermi atomic power plant

Enskog theory, Chapman-
USE Chapman-Enskog theory

Enskog-Chapman theory
USE Chapman-Enskog theory

enstatite

enstrophy
USE vorticity

Enterprise (Orbiter)

enthalpy

enthalpy-entropy diagrams
USE Mollier diagram

entire functions

entomology

entrainment

entrances

entrapment

entropy

entropy diagrams, enthalpy-
USE Mollier diagram

entropy method, maximum
USE maximum entropy method

entropy method, minimum
USE minimum entropy method

entropy (statistics)

entry

entry, atmospheric
USE atmospheric entry

entry guidance (STS)

entry, planetary
USE atmospheric entry

entry probes, Pioneer Venus 2
USE Pioneer Venus 2 entry probes

entry simulation, atmospheric
USE atmospheric entry simulation

entry vehicle, Viking 1975
USE Viking 1975 entry vehicle

enumeration

envelopes

envelopes, flight
USE flight envelopes

envelopes, stellar
USE stellar envelopes

Environ Satellite B, Geostationary Operati
USE GOES 2

Environ Sats, Geostationary Operational
USE GOES satellites

environment, Antarctic
USE ice environments

environment, Earth
USE Earth environment

environment effects

environment experiment, electromagnetic
USE electromagnetic environment experiment

environment interactions, man
USE man environment interactions

environment, lunar
USE lunar environment

environment management

environment, Mars
USE Mars environment

environment models

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environment pollution

environment protection

environment simulation

environment simulation, space
USE space environment simulation

environment simulators

environment, space
USE aerospace environments

environmental chambers
USE test chambers

environmental chemistry

environmental control

environmental engineering

environmental index

environmental laboratories

environmental lubrication, space
USE spacecraft lubrication

environmental monitoring

environmental quality

Environmental Research Satellites

Environmental Sat Sys, National Operational
USE NOESS

environmental surveys

environmental temperature
USE ambient temperature

environmental tests

environments

environments, aerospace
USE aerospace environments

environments, Arctic
USE ice environments

environments, Earth orbital
USE Earth orbital environments

environments, extraterrestrial
USE extraterrestrial environments

environments, frictionless
USE frictionless environments

environments, GEO
USE Earth orbital environments

Environments, Geosynchronous Earth Orbital
USE Earth orbital environments

environments, high altitude
USE high altitude environments

environments, high gravity
USE high gravity environments

environments, high temperature
USE high temperature environments

environments, ice
USE ice environments

environments, LEO
USE Earth orbital environments

environments, low Earth orbital
USE Earth orbital environments

environments, low earth orbital
USE Earth orbital environments

environments, low temperature
USE low temperature environments

environments, marine
USE marine environments

environments, planetary
USE planetary environments

environments, programming
USE programming environments

environments, rotating
USE rotating environments

environments), SEE (software engineering
USE programming environments

environments, software engineering
USE programming environments

environments, spacecraft
USE spacecraft environments

environments, thermal
USE thermal environments

enzyme activity

enzymes

enzymes, co
USE coenzymes

enzymology

EOCR (reactor)
USE experimental organic cooled reactors

EOGO
USE EGO

EOLE satellites

EOPOP
USE Earth & Ocean Physics Applications Program

EOR (rendezvous)
USE Earth orbital rendezvous

EOS
USE Landsat satellites

(EOS), Earth Observing System
USE Earth Observing System (EOS)

EOS-A
USE Landsat E

EOS-B
USE Landsat F

eosinophils

EPE-A
USE Explorer 12 satellite

EPE-B
USE Explorer 14 satellite

EPE-C
USE Explorer 15 satellite

EPE-D
USE Explorer 26 satellite

ephemerides

ephemerides, planet
USE planet ephemerides

ephemeris time

epicardium

epicycloids

epidemiology

epidermis

epilepsy

epinephrine

epitaxy

epitaxy, electro
USE electroepitaxy

epitaxy, grapho
USE graphoeptitaxy

epitaxy, liquid phase
USE liquid phase epitaxy

epitaxy, molecular beam
USE molecular beam epitaxy

epitaxy, vapor phase
USE vapor phase epitaxy

epithellum

EPNL
USE effective perceived noise levels

epochs
USE time measurement

epoxidation

epoxides
USE epoxy compounds

epoxy composites, boron-
USE boron-epoxy composites

epoxy composites, graphite-
USE graphite-epoxy composites

epoxy compounds

epoxy matrix composites

epoxy resins

epoxy resins, phenolic
USE phenolic epoxy resins

epsilon turbulence model, k-
USE k-epsilon turbulence model

epsilon turbulence model, kappa-
USE k-epsilon turbulence model

equalizers (circuits)

equation, Bernoulli
USE Bernoulli theorem

equation, Bethe-Salpeter
USE Bethe-Salpeter equation

equation, Blasius
USE Blasius equation

equation, Boltzmann transport
USE Boltzmann transport equation

equation, Boltzmann-Vlasov
USE Boltzmann-Vlasov equation

equation, Born-Mayer
USE Born approximation

equation, Brillouin-Wigner
USE Brillouin-Wigner equation

equation, Burger
USE Burger equation

equation, Chandrasekhar
USE Chandrasekhar equation

equation, Chaplygin
USE Chaplygin equation

equation, continuity
USE continuity equation

equation, convection-diffusion
USE convection-diffusion equation

equation, diffusion-convection
USE convection-diffusion equation

equation, diophantine
USE diophantine equation

equation, Dirac
USE Dirac equation

equation, Duffing differential
USE Duffing differential equation

equation, eikonal
USE eikonal equation

equation, Elber
USE Elber equation

equation, Euler-Lagrange
USE Euler-Lagrange equation

equation, Euler-Lambert
USE Euler-Lambert equation

equation, Falkner-Skan
USE Falkner-Skan equation

equation, Ficks
USE Ficks equation

equation, Fokker-Planck
USE Fokker-Planck equation

equation, Gauss
USE Gauss equation

equation, Gibbs adsorption
USE Gibbs adsorption equation

equation, Hamilton-Jacobi
USE Hamilton-Jacobi equation

equation, Helmholtz vorticity
USE Helmholtz vorticity equation

equation, inhour
USE inhour equation

equation, Klein-Gordon
USE Klein-Gordon equation

equation, Korteweg-Devries
USE Korteweg-Devries equation

equation, Krook
USE Krook equation

equation, Laplace
USE Laplace equation

equation, Mathieu
USE Mathieu function

equation, Maxwell
USE Maxwell equation

equation, Monge-Ampere
USE Monge-Ampere equation

equation, Navier-Stokes
USE Navier-Stokes equation

equation of state, Hugoniot
USE Hugoniot equation of state

equation, Pfaff
USE Pfaff equation

equation, Poisson
USE Poisson equation

equation, Reynolds
USE Reynolds equation

equation, Riccati
USE Riccati equation

equation, Richardson-Dushman

equation, Richardson-Dushman
USE temperature effects
thermionic emission

equation, Schroedinger
USE Schroedinger equation

equation, Stokes-Beltrami
USE Stokes-Beltrami equation

equation, Von Karman
USE Von Karman equation

equations

equations, adiabatic
USE adiabatic equations

equations, balance
USE equations

equations, biharmonic
USE biharmonic equations

equations, boundary layer
USE boundary layer equations

equations, Cauchy-Riemann
USE Cauchy-Riemann equations

equations, characteristic
USE eigenvectors
eigenvalues

equations, conservation
USE conservation equations

equations, constitutive
USE constitutive equations

equations, cubic
USE cubic equations

equations, difference
USE difference equations

equations, differential
USE differential equations

equations, Donnell
USE Donnell equations

equations, Einstein
USE Einstein equations

equations, elliptic differential
USE elliptic differential equations

equations, equilibrium
USE equilibrium equations

equations, Euler-Cauchy
USE Euler-Cauchy equations

equations, Faddeev
USE Faddeev equations

equations, flow
USE flow equations

equations, forced vibratory motion
USE forced vibration
equations

equations, Fredholm
USE Fredholm equations

equations, Gibbs
USE Gibbs equations

equations, Gibbs-Helmholtz
USE Gibbs-Helmholtz equations

equations, heat
USE thermodynamics

equations, Helmholtz
USE Helmholtz equations

equations, hydrodynamic
USE hydrodynamic equations

equations, hyperbolic differential
USE hyperbolic differential equations

equations, integral
USE integral equations

equations, integrodifferential
USE integral equations
differential equations

equations, kinematic
USE kinematic equations

equations, kinetic
USE kinetic equations

equations, Lamé wave
USE Lamé wave equations

equations, Landau-Ginzburg
USE Landau-Ginzburg equations

equations, linear
USE linear equations

equations, linear evolution
USE linear evolution equations

equations, Liouville
USE Liouville equations

equations, macroscopic
USE macroscopic equations

equations, motion
USE equations of motion

equations, nonholonomic
USE nonholonomic equations

equations, nonlinear
USE nonlinear equations

equations, nonlinear evolution
USE nonlinear evolution equations

equations of motion

equations of motion, Euler
USE Euler equations of motion

equations of motion, Lagrange
USE Euler-Lagrange equation

equations of state

equations, orbit
USE orbital mechanics

equations, Orr-Sommerfeld
USE Orr-Sommerfeld equations

equations, parabolic differential
USE parabolic differential equations

equations, partial differential
USE partial differential equations

equations, period
USE periodic functions

equations, primitive
USE primitive equations

equations, quadratic
USE quadratic equations

equations, quartic
USE quartic equations

equations, Rayleigh
USE Rayleigh equations

equations, roots of
USE roots of equations

equations, Saha
USE Saha equations

equations, semiempirical
USE semiempirical equations

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equations, shallow shell
USE shallow shell equations

equations, simultaneous
USE simultaneous equations

equations, singular integral
USE singular integral equations

equations, state
USE equations of state

equations, vlasov
USE vlasov equations

equations, Volterra
USE Volterra equations

equations, vorticity
USE vorticity equations

equations, wave
USE wave equations

equations, Wiener Hopf
USE Wiener Hopf equations

equator, geomagnetic
USE magnetic equator

equator, lunar
USE lunar equator

equator, magnetic
USE magnetic equator

equatorial atmosphere

Equatorial Congo, French
USE Congo (Brazzaville)

equatorial electrojet

equatorial orbits

equatorial regions

equators

equilibrium

equilibrium, acid base
USE acid base equilibrium

equilibrium, chemical
USE chemical equilibrium

equilibrium diagrams
USE phase diagrams

equilibrium equations

equilibrium flow

equilibrium flow, frozen
USE frozen equilibrium flow

equilibrium flow, shifting
USE shifting equilibrium flow

equilibrium, liquid-vapor
USE liquid-vapor equilibrium

equilibrium, local thermodynamic
USE local thermodynamic equilibrium

equilibrium methods

equilibrium, plasma
USE plasma equilibrium

equilibrium points, Lagrangian
USE Lagrangian equilibrium points

equilibrium, thermodynamic
USE thermodynamic equilibrium

equilibrium, vapor liquid
USE liquid-vapor equilibrium

equinoxes

equipartition, energy
USE equipartition theorem

equipartition theorem

equipment

(equipment), absorbers
USE absorbers (equipment)

equipment, air conditioning
USE air conditioning equipment

equipment, airborne
USE airborne equipment

equipment, aircraft
USE aircraft equipment

equipment, airport surface detection
USE airport surface detection equipment

equipment, astronaut maneuvering
USE astronaut maneuvering equipment

equipment, audio
USE audio equipment

equipment, audio visual
USE audio visual equipment

equipment, automatic test
USE automatic test equipment

equipment, bedding
USE bedding equipment

equipment, bombing
USE bombing equipment

(equipment), booms
USE booms (equipment)

equipment, CEFOAM checkout
USE CEFOAM checkout equipment

equipment, checkout
USE test equipment

equipment, communication
USE communication equipment

equipment (computers), auxiliary
USE peripheral equipment (computers)

equipment (computers), peripheral
USE peripheral equipment (computers)

equipment, control
USE control equipment

equipment, cryogenic
USE cryogenic equipment

(equipment), cyclones
USE centrifuges

equipment, data processing
USE data processing equipment

equipment, distance measuring
USE distance measuring equipment

equipment, distillation
USE distillation equipment

(equipment), dryers
USE drying apparatus

equipment, electric
USE electric equipment

equipment, electronic
USE electronic equipment

equipment, ground support
USE ground support equipment

equipment, handling
USE handling equipment

equipment, heating
USE heating equipment

equipment, hydraulic
USE hydraulic equipment

equipment, jacking
USE jacks (lifts)

equipment, laboratory
USE laboratory equipment

equipment, lighting
USE lighting equipment

equipment, lossless
USE lossless equipment

equipment, lunar based
USE lunar based equipment

equipment, lunar construction
USE lunar construction equipment

equipment, lunar excavation
USE lunar excavation equipment

equipment, medical
USE medical equipment

equipment, microwave
USE microwave equipment

equipment, miniature electronic
USE miniature electronic equipment

equipment, onboard
USE onboard equipment

equipment, optical
USE optical equipment

equipment, oxygen supply
USE oxygen supply equipment

equipment, photographic
USE photographic equipment

equipment, photographic processing
USE photographic processing equipment

equipment, pneumatic
USE pneumatic equipment

equipment, portable
USE portable equipment

equipment, radar
USE radar equipment

equipment, radio
USE radio equipment

equipment, retractable
USE retractable equipment

equipment, spacecraft
USE spacecraft equipment

equipment, spacecraft electronic
USE spacecraft electronic equipment

equipment specifications

(equipment), stowage (onboard)
USE stowage (onboard equipment)

equipment, survival
USE survival equipment

equipment, television
USE television equipment

equipment, test
USE test equipment

equipment tests, electric
USE electric equipment tests

equipment tests, electronic
USE electronic equipment tests

(equipment), thickeners
USE thickeners (equipment)

equipment, ultra short wave radio
USE very high frequency radio equipment

equipment, very high frequency radio
USE very high frequency radio equipment

equipment, video
USE video equipment

equipotentials

equivalence

equivalent circuits

Er
USE erbium

ER fluids
USE electrorheological fluids

Era, Cenozoic
USE Cenozoic Era

Era, Mesozoic
USE Mesozoic Era

Era, Paleozoic
USE Paleozoic Era

ERBE
USE Earth radiation budget experiment

erbium

erbium alloys

erbium compounds

erbium isotopes

erbium 169
USE erbium isotopes

erbium 171
USE erbium isotopes

erectable structures, space
USE space erectable structures

erecting devices, self
USE self erecting devices

erection
USE construction

EREP

ergodic process

ergometers

ergonomics
USE human factors engineering

ergotamine

Erie, Lake
USE Lake Erie

EROS project
USE experimental reflector orbital shot proj

EROS (satellites)

erosion

erosion, electrostatic
USE spark machining

erosion, rain
USE rain erosion

erosion, soil
USE soil erosion

erosion, water
USE water erosion

erosion, wind

erosion, wind
USE wind erosion

erosive burning

error analysis

error band
USE accuracy

error, boresight
USE boresight error

error correcting codes

error correcting devices

error detection codes

error, flight technical
USE pilot error

error functions

error, phase
USE phase error

error, pilot
USE pilot error

error rate, bit
USE bit error rate

error signals

errors

errors, instrument
USE instrument errors

errors, perceptual
USE perceptual errors

errors, position
USE position errors

errors, random
USE random errors

errors, range
USE range errors

errors, root-mean-square
USE root-mean-square errors

errors, truncation
USE truncation errors

errors, velocity
USE velocity errors

ERS 17

ERS 18

ERS-1 (ESA satellite)

ERTS
USE Landsat satellites

ERTS-A
USE Landsat 1

ERTS-B
USE Landsat 2

ERTS-C
USE Landsat 3

ERTS-D
USE Landsat 4

ERTS-E
USE Landsat E

ERTS-F
USE Landsat F

erythrocytes

Es
USE einsteinium

ESA
USE European Space Agency

(ESA), Eureka
USE Eureka (ESA)

(ESA), GEOS satellites
USE GEOS satellites (ESA)

(ESA), Magellan Mission
USE Magellan ultraviolet astronomy satellite

(ESA), Maritime Communication Satellite
USE Marots (ESA)

(ESA), Marots
USE Marots (ESA)

(ESA), Orbital Test Satellite
USE OTS (ESA)

(ESA), OTS
USE OTS (ESA)

(ESA platforms), SPAS
USE Shuttle pallet satellites

(ESA satellite), ERS-1
USE ERS-1 (ESA satellite)

ESA satellites

ESA spacecraft

Esaki diodes
USE tunnel diodes

escalators

escape

escape (abandonment)

escape capsules

escape devices, lunar
USE lunar escape devices

escape rockets

escape systems

escape systems, launch
USE launch escape systems

(escape systems), LES
USE launch escape systems

escape velocity

escarpments

Escherichia

ESG (gyroscopes)
USE electrostatic gyroscopes

eskers
USE glacial drift

Eskimos

esophagus

ESRO
USE European Space Agency

(ESRO), GEOS satellites
USE GEOS satellites (ESA)

ESRO satellites
USE ESA satellites

ESRO 1 satellite

ESRO 2 satellite

ESRO 4 satellite

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ESSA satellites

ESSA 1 satellite

ESSA 2 satellite

ESSA 3 satellite

ESSA 4 satellite

ESSA 5 satellite

ESSA 6 satellite

ESSA 7 satellite

ESSA 8 satellite

ESSA 9 satellite

essentially non-oscillatory schemes

esters

esters, nitrate
USE nitrate esters

esters, poly
USE polyesters

estimates

estimates, cost
USE cost estimates

estimates, maximum likelihood
USE maximum likelihood estimates

estimating

estimation, orbital position
USE orbital position estimation

estimation, state
USE state estimation

estimators

Estonia

estrogens

estuaries

eta-mesons

etalons

etchants

etching

etching, plasma
USE plasma etching

ethane

ethane nitrile
USE acetonitrile

ethanol
USE ethyl alcohol

ether, diethyl
USE diethyl ether

ether, polyphenyl
USE polyphenyl ether

ethers

ethics

Ethiopia

ethnic factors

ethoxy ethylene

ethyl alcohol

- ethyl compounds**
- ethylene**
- ethylene, chloro**
USE chloroethylene
- ethylene compounds**
- ethylene dihydrazine**
- ethylene, ethoxy**
USE ethoxy ethylene
- ethylene oxide**
- ethylene, polytetrafluoro**
USE polytetrafluoroethylene
- ethylene, vinyl**
USE butadiene
- ethylenediamine**
- ethylenediaminetetraacetic acids**
- ethylenes, poly**
USE polyethylenes
- etiology**
- ETR (reactors)**
USE engineering test reactors
- Ettingshausen coolers**
USE Ettingshausen effect
thermoelectric cooling
- Ettingshausen effect**
- Ettingshausen effect, Nernst-**
USE Nernst-Ettingshausen effect
- Eu**
USE europium
- Euclidean geometry**
- Euclidean space**
USE Euclidean geometry
- eudiometers**
- Euglena**
- eukaryotes**
- Euler buckling**
- Euler equations of motion**
- Euler-Cauchy equations**
- Euler-Lagrange equation**
- Euler-Lambert equation**
- Eulerian nutation**
USE Chandler wobble
- (Eurasia), Georgia**
USE Georgia (Eurasia)
- Eureca (ESA)**
- Europa**
- Europa launch vehicles**
- Europa 1 launch vehicle**
- Europa 2 launch vehicle**
- Europa 3 launch vehicle**
- Europa 4 launch vehicle**
- Europe**
- (Europe), Alps Mountains**
USE Alps Mountains (Europe)
- (Europe), Baltic Shield**
USE Baltic Shield (Europe)
- (Europe), Carpathian Mountains**
USE Carpathian Mountains (Europe)
- Europe, Central**
USE Central Europe
- (Europe), EISCAT radar system**
USE EISCAT radar system (Europe)
- (Europe), Pyrenees Mountains**
USE Pyrenees Mountains (Europe)
- European Airbus**
- European Communications Satellite**
- European Incoherent Scatter Radar**
USE EISCAT radar system (Europe)
- European Large Telecomm Satellite**
USE L-Sat
- European Retrievable Carrier**
USE Eureca (ESA)
- European Space Agency**
- European space programs**
- European Space Research Organization**
USE European Space Agency
- European Space Research Organization sat**
USE ESA satellites
- European Torus, Joint**
USE Joint European Torus
- European 1 spacecraft**
- europium**
- europium compounds**
- europium isotopes**
- eustachian tubes**
- eutectic alloys**
- eutectic composites**
- eutectic diagrams**
USE phase diagrams
- eutectics**
- eutrophication**
- EUVE**
USE extreme ultraviolet Explorer satellite
- euxenite**
- EVA**
USE extravehicular activity
- EVA Protection Systems, Advanced**
USE AEPS
- evacuating**
- evacuating, gas**
USE evacuating (vacuum)
- evacuating (transportation)**
- evacuating (vacuum)**
- EEAL**
USE Earth Viewing Applications Laboratory
- evaluation**
- evaluation and review techniques, graphic**
USE GERT
- evaluation review technique, program**
USE PERT
- evaluation, threat**
USE threat evaluation
- evaluation, training**
USE training evaluation
- evaluator/monitor, data adaptive**
USE data reduction
data transmission
data processing
- evanescence**
- evaporation**
- evaporation, propellant**
USE propellant evaporation
- evaporation rate**
- evaporative cooling**
- evaporators**
- evaporography**
- evapotranspiration**
- evasive actions**
- evasive satellites**
- eviction**
USE lunar orbits
solar gravitation
orbit perturbation
- even nuclei, even-**
USE even-even nuclei
- even nuclei, odd-**
USE odd-even nuclei
- even-even nuclei**
- evening**
- event horizon**
- event, Tunguska**
USE Tungusk meteorite
- event upsets, single**
USE single event upsets
- events**
- events, consecutive**
USE consecutive events
- events, flux transfer**
USE flux transfer events
- Everglades (FL)**
- evoked response (psychophysiology)**
- evolution**
- evolution, biological**
USE biological evolution
- evolution, chemical**
USE chemical evolution
- evolution (development)**
- evolution equations, linear**
USE linear evolution equations
- evolution equations, nonlinear**
USE nonlinear evolution equations
- evolution, galactic**
USE galactic evolution

evolution, gas

evolution, gas

USE gas evolution

evolution (liberation)

evolution, lunar

USE lunar evolution

evolution, planetary

USE planetary evolution

evolution, solar system

USE solar system evolution

evolution, stellar

USE stellar evolution

exactness

USE precision

examination

examinations, eye

USE eye examinations

examinations, physical

USE physical examinations

excavation

(excavation), ditching

USE excavation

excavation equipment, lunar

USE lunar excavation equipment

(excavation), tunneling

USE tunneling (excavation)

(excavations), mines

USE mines (excavations)

(excavations), pits

USE pits (excavations)

exchange, charge

USE charge exchange

exchange, energy

USE energy transfer

exchange, gas

USE gas exchange

exchange), IDEP (data

USE interservice data exchange program

exchange membrane electrolytes, ion

USE ion exchange membrane electrolytes

exchange program, interservice data

USE interservice data exchange program

exchange resins, ion

USE ion exchange resins

exchange, resonance charge

USE resonance charge exchange

exchange, spin

USE spin exchange

exchangers

exchangers, heat

USE heat exchangers

exchangers, tube heat

USE tube heat exchangers

exchanging

exchanging, ion

USE ion exchanging

excimer lasers

excimers

excitation

excitation, acoustic

USE acoustic excitation

excitation, harmonic

USE harmonic excitation

excitation, molecular

USE molecular excitation

excitation, self

USE self excitation

excitation, triplet

USE atomic energy levels

excitation, wave

USE wave excitation

excitations, atomic

USE atomic excitations

excitations, elementary

USE elementary excitations

excited atmospheric lasers, transversely

USE TEA lasers

excited states

USE excitation

excitons

exclusion

exclusion principle, Pauli

USE Pauli exclusion principle

excretion

Excursion Module, Mars

USE Mars Excursion Module

(excursion module), MEM

USE Mars Excursion Module

executive aircraft

USE general aviation aircraft
passenger aircraft

executive systems (computers)

USE operating systems (computers)

exercise

USE physical exercise

exercise, physical

USE physical exercise

exercise physiology

exercise, Valsalva

USE Valsalva exercise

exertion

USE physical work

exhalation

exhaust clouds

exhaust diffusers

exhaust emission

exhaust flow simulation

exhaust gases

exhaust, hot jet

USE high temperature gases
jet exhaust

exhaust, jet

USE jet exhaust

exhaust jets

USE exhaust gases

exhaust nozzles

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exhaust nozzles, turbine

USE turbine exhaust nozzles

exhaust, rocket

USE rocket exhaust

exhaust systems

exhaust velocity

exhausting

exhaustion

existence

existence theorems

exits (doors)

USE doors

exobiology

exophoria

USE heterophoria

EXOS satellites

EXOS sounding rocket

EXOS-A satellite

EXOS-B satellite

EXOS-C satellite

EXOS-D SATELLITE

Exosat satellite

exoskeletons

exosphere

exothermic reactions

Exp Background sats, Galactic Radiation

USE GREB satellites

exp, Health-Education Telecommunications

USE HET experiment

expandable structures

expansion

expansion, gas

USE gas expansion

expansion, Karhunen-Loeve

USE Karhunen-Loeve expansion

expansion, light-cone

USE light-cone expansion

expansion, Prandtl-Meyer

USE Prandtl-Meyer expansion

expansion, series

USE series expansion

expansion, thermal

USE thermal expansion

expansion waves

USE elastic waves

expectancy hypothesis

expectation

expeditions

expellants

expendable stages (spacecraft)

Exper, Feature Identification and Location

USE Feature Identification and Location Exper

- Exper with Particle Accelerators, Space**
USE SEPAC (payload)
- experience**
- Experiment, Atmospheric General Circulation**
USE Atmospheric General Circulation Experiment
- experiment design**
- Experiment, Earth Energy Budget**
USE LZEEBE satellite
- experiment, Earth radiation budget**
USE Earth radiation budget experiment
- experiment, electromagnetic environment**
USE electromagnetic environment experiment
- Experiment, First ISCCP Regional**
USE FIRE (climatology)
- Experiment, GARP Atlantic Tropical**
USE GARP Atlantic Tropical Experiment
- (experiment), GATE**
USE GARP Atlantic Tropical Experiment
- Experiment, Halogen Occultation**
USE Halogen Occultation Experiment
- experiment, HET**
USE HET experiment
- Experiment in Space, Physics and Chemistry**
USE Physics and Chemistry Experiment in Space
- Experiment, International Satellite Geodesy**
USE International Satellite Geodesy Experiment
- (experiment), LACATE**
USE LACATE (experiment)
- Experiment, Large Area Crop Inventory**
USE Large Area Crop Inventory Experiment
- Experiment, Lithium Cooled Reactor**
USE Lithium Cooled Reactor Experiment
- Experiment, Long Term Zonal Earth Energy**
USE LZEEBE satellite
- Experiment, Lower Atmospheric Composition**
USE LACATE (experiment)
- experiment module, Apollo lunar**
USE Apollo lunar experiment module
- Experiment Package, Earth Resources**
USE EREP
- experiment package telescope, Goddard**
USE particle telescopes
- experiment, plasma interaction**
USE plasma interaction experiment
- experiment, San Andreas Fault**
USE San Andreas Fault experiment
- Experiment Scientific Satellite, Biomedical**
USE BESS (satellite)
- experiment, sodium reactor**
USE sodium reactor experiment
- experiment stations, crew**
USE crew experiment stations
- Experiment, Stratospheric Aerosol & Gas**
USE SAGE satellite
- Experiment, Zonal Earth Energy Budget**
USE LZEEBE satellite
- experimental aircraft**
USE research aircraft
- experimental boiling water reactors**
- Experimental Breeder Reactor 1**
- Experimental Breeder Reactor 2**
- experimental gas cooled reactors**
- Experimental Ocean Satellite, Geodynamic**
USE GEOS-D satellite
- experimental organic cooled reactors**
- experimental reflector orbital shot proj**
- Experimental Satellites, Lincoln**
USE Lincoln Experimental Satellites
- experimental STOL transport rsch airplane**
USE Questol aircraft
- experimentation**
- experiments, critical**
USE critical experiments
- experiments, design of**
USE experiment design
- Experiments Package, Apollo Lunar Surface**
USE Apollo Lunar Surface Experiments Package
- Experiments Package, Early Apollo Surface**
USE EASEP
- experiments, space plasma H/V interaction**
USE sphinx
- experiments, space technology**
USE space technology experiments
- experiments, spaceborne**
USE spaceborne experiments
- expert systems**
- expiration**
- expired air**
- exploding conductor circuits**
USE exploding wires circuits
- exploding conductors**
USE exploding wires
- exploding wires**
- exploitation**
- exploration**
- exploration, lunar**
USE lunar exploration
- exploration, mineral**
USE mineral exploration
- exploration, natural gas**
USE natural gas exploration
- exploration, oil**
USE oil exploration
- exploration, planetary**
USE space exploration
- exploration, space**
USE space exploration
- exploration system for Apollo, lunar**
USE lunar exploration system for Apollo
- exploration system), LESA (lunar**
USE lunar exploration system for Apollo
- Explorer A, Air Density**
USE Explorer 19 satellite
- Explorer A, Atmosphere**
USE Explorer 17 satellite
- Explorer A, Beacon**
USE Beacon Explorer A
- Explorer A, Energetic Particle**
USE Explorer 12 satellite
- Explorer A, Ionosphere**
USE Explorer 20 satellite
- Explorer B, Air Density/Injun**
USE Explorer 25 satellite
- Explorer B, Atmosphere**
USE Explorer 32 satellite
- Explorer B, Beacon**
USE Explorer 22 satellite
- Explorer B, Energetic Particle**
USE Explorer 14 satellite
- Explorer B, Radio Astronomy**
USE Explorer 49 satellite
- Explorer C, Atmosphere**
USE Explorer 51 satellite
- Explorer C, Beacon**
USE Explorer 27 satellite
- Explorer C, Energetic Particle**
USE Explorer 15 satellite
- Explorer D, Atmosphere**
USE Explorer 54 satellite
- Explorer D, Energetic Particle**
USE Explorer 26 satellite
- Explorer, DAD**
USE Dual Air Density Explorer
- Explorer, Dual Air Density**
USE Dual Air Density Explorer
- Explorer E, Atmosphere**
USE Explorer 55 satellite
- Explorer, Far UV Spectroscopic**
USE Far UV Spectroscopic Explorer
- Explorer, Gamma Ray Astronomy**
USE Explorer 11 satellite
- Explorer, Injun**
USE Explorer 25 satellite
- Explorer, International Cometary**
USE International Sun Earth Explorer 3
- Explorer, International Magnetospheric**
USE International Magnetospheric Explorer
- Explorer, International Ultraviolet**
USE IUE
- Explorer, Interplanetary**
USE Explorer 18 satellite
- explorer, planetary**
USE outer planets explorers
- Explorer satellite, Cosmic Background**
USE Cosmic Background Explorer satellite
- Explorer satellite, extreme ultraviolet**
USE extreme ultraviolet Explorer satellite
- Explorer satellite, Radio Astronomy**
USE Radio Astronomy Explorer satellite
- Explorer satellites**
- Explorer Satellites, Applications**
USE Applications Explorer Satellites
- Explorer satellites, Dynamics**
USE Dynamics Explorer satellites
- Explorer satellites, Micrometeoroid**
USE Micrometeoroid Explorer satellites
- explorer, solar mesosphere**
USE solar mesosphere explorer

Explorer, x ray timing

Explorer, x ray timing

USE x ray timing Explorer

Explorer 1, International Sun Earth

USE International Sun Earth Explorer 1

Explorer 1 satellite

Explorer 1 satellite, Dynamics

USE Dynamics Explorer 1 satellite

Explorer 2, International Sun Earth

USE International Sun Earth Explorer 2

Explorer 2, Radio Astronomy

USE Explorer 49 satellite

Explorer 2 satellite

Explorer 2 satellite, Dynamics

USE Dynamics Explorer 2 satellite

Explorer 3, International Sun Earth

USE International Sun Earth Explorer 3

Explorer 3 satellite

Explorer 4 satellite

Explorer 5 satellite

Explorer 6 satellite

Explorer 7 satellite

Explorer 8 satellite

Explorer 9 satellite

Explorer 10 satellite

Explorer 11 satellite

Explorer 12 satellite

Explorer 14 satellite

Explorer 15 satellite

Explorer 16 satellite

Explorer 17 satellite

Explorer 18 satellite

Explorer 19 satellite

Explorer 20 satellite

Explorer 21 satellite

Explorer 22 satellite

Explorer 23 satellite

Explorer 24 satellite

Explorer 25 satellite

Explorer 26 satellite

Explorer 27 satellite

Explorer 28 satellite

Explorer 29 satellite

Explorer 30 satellite

Explorer 31 satellite

Explorer 32 satellite

Explorer 33 satellite

Explorer 34 satellite

Explorer 35 satellite

Explorer 36 satellite

Explorer 37 satellite

Explorer 38 satellite

Explorer 39 satellite

Explorer 40 satellite

Explorer 41 satellite

Explorer 42 satellite

USE Uhuru satellite

Explorer 43 satellite

Explorer 44 satellite

Explorer 45 satellite

Explorer 46 satellite

Explorer 47 satellite

Explorer 48 satellite

Explorer 49 satellite

Explorer 50 satellite

Explorer 51 satellite

Explorer 52 satellite

Explorer 53 satellite

Explorer 54 satellite

Explorer 55 satellite

Explorers, Active Magneto Particle Tracer

USE AMPTE (satellites)

Explorers, International Sun Earth

USE International Sun Earth Explorers

explorers, outer planets

USE outer planets explorers

explosion effect, nuclear

USE nuclear explosion effect

explosion suppression

explosions

explosions, aerial

USE aerial explosions

explosions, atomic

USE nuclear explosions

explosions, chemical

USE chemical explosions

explosions, gas

USE gas explosions

explosions, nuclear

USE nuclear explosions

explosions, propellant

USE propellant explosions

explosions, thermonuclear

USE thermonuclear explosions

explosions, underground

USE underground explosions

explosions, underwater

USE underwater explosions

explosive decompression

explosive devices

explosive forming

explosive gases

USE flammable gases

NASA THESAURUS VOLUME 2

(explosive), octol

USE octol (explosive)

explosive welding

explosives

(explosives), boosters

USE boosters (explosives)

(explosives), caps

USE caps (explosives)

(explosives), initiators

USE initiators (explosives)

explosives, nitrasol

USE nitrasol explosives

(explosives), primers

USE primers (explosives)

exponential functions

exponents

exports

USE international trade

EXPOS (Spacelab payload)

exposure

Exposure Facility, Long Duration

USE Long Duration Exposure Facility

exposure, radiation

USE radiation dosage

expression, gene

USE gene expression

expressions (mathematics)

USE formulas (mathematics)

expulsion

expulsion bladders

extars

USE x ray stars

extended duration space flight

USE long duration space flight

(extension), propagation

USE propagation (extension)

extension system, Apollo

USE Apollo extension system

extensions

extensometers

external combustion engines

external store separation

external stores

(external stores), pods

USE pods (external stores)

external surface currents

external tanks

externally blown flaps

extinction

extinction, interstellar

USE interstellar extinction

extinguishers

USE fire extinguishers

extinguishers, chemical

USE fire extinguishers

extinguishers, fire
USE fire extinguishers

extinguishing

extraction

extraction, feature
USE pattern recognition

extraction, geothermal energy
USE geothermal energy extraction

extraction, ion
USE ion extraction

extraction, solvent
USE solvent extraction

extragalactic light
USE extraterrestrial radiation

extragalactic media
USE intergalactic media

extragalactic radio sources

extrapolation

extrasensory perception

extrasolar planets

extraterrestrial communication

extraterrestrial environments

extraterrestrial intelligence

Extraterrestrial Intelligence, Search for
USE Project SETI

extraterrestrial life

extraterrestrial matter

extraterrestrial radiation

extraterrestrial radio waves

extraterrestrial resources

extraterrestrial roving vehicles
USE roving vehicles

extravehicular activity

Extravehicular Mobility Units

extrema
USE range (extremes)

extreme ultraviolet Explorer satellite

extreme ultraviolet radiation

extremely high frequencies

extremely low frequencies

extremely low radio frequencies

(extremes), range
USE range (extremes)

extremum values

extroversion

extruding

extruding, hot
USE extruding

eye (anatomy)

eye diseases

eye dominance

eye examinations

eye movement state, rapid
USE rapid eye movement state

eye movements

eye movements, Saccadic
USE Saccadic eye movements

eye protection

eyepieces

Eyring theory

F

F
USE fluorine

F centers
USE color centers

F displays
USE F region

F, Earth Resources Technology Satellite
USE Landsat F

F, ERTS-
USE Landsat F

F ICBM, Atlas
USE Atlas F ICBM

F, IMP-
USE Explorer 34 satellite

F, KEL-
USE KEL-F

F, Landsat
USE Landsat F

F layer
USE F region

F layer, night
USE F region
night sky

F, OGO-
USE OGO-6

F, OSO-
USE OSO-5

F region

F satellite, NOAA
USE NOAA 9 satellite

F satellite, TIROS
USE TIROS 6 satellite

F space probe, Pioneer
USE Pioneer 10 space probe

F, Space Shuttle mission 51-
USE Space Shuttle mission 51-F

F, spread
USE spread F

F stars

F 1 region

F 2 region

F 27 aircraft, Fokker
USE F-27 aircraft

F 28 aircraft, Fokker
USE F-28 transport aircraft

Fabry-Perot spectrometers

F-scatter propagation, ionospheric
USE ionospheric F-scatter propagation

F-1 rocket engine

F-2 aircraft

F-2 aircraft, Hunter
USE F-2 aircraft

F-4 aircraft

F-5 aircraft

F-8 aircraft

F-9 aircraft

F-14 aircraft

F-15 aircraft

F-16 aircraft

F-17 aircraft

F-18 aircraft

F-20 aircraft

F-22 aircraft

F-27 aircraft

F-28 helicopter

F-28 transport aircraft

F-80 aircraft
USE T-33 aircraft

F-84 aircraft

F-86 aircraft

F-89 aircraft

F-94 aircraft

F-100 aircraft

F-101 aircraft

F-102 aircraft

F-104 aircraft

F-105 aircraft

F-106 aircraft

F-110 aircraft
USE F-4 aircraft

F-111 aircraft

F-117A aircraft

FAB (programming language)
USE FORTRAN

fabrication

(fabrication), CVI
USE chemical vapor infiltration

fabrics

fabrics, geotechnical
USE geotechnical fabrics

fabrics, parachute
USE parachute fabrics

Fabry-Perot interferometers

Fabry-Perot lasers
USE lasers

Fabry-Perot spectrometers

face (anatomy)

face (anatomy)

face centered cubic lattices

faces, inter

USE interfaces

facets

USE flat surfaces

facilities

facilities, military air

USE military air facilities

(facilities), ranges

USE ranges (facilities)

facilities, research

USE research facilities

facilities, rocket test

USE rocket test facilities

facilities, terminal

USE terminal facilities

facilities, test

USE test facilities

Facility, Advanced X Ray Astrophysics

USE X Ray Astrophysics Facility

Facility, Deep Space Instrumentation

USE Deep Space Instrumentation Facility

facility), DSIF (instrumentation

USE Deep Space Instrumentation Facility

Facility, Hallam Nuclear Power

USE Hallam Nuclear Power Facility

Facility), HNPf (Hallam Nuclear Power

USE Hallam Nuclear Power Facility

Facility, Long Duration Exposure

USE Long Duration Exposure Facility

facility, mobile quarantine

USE mobile quarantine facility

Facility, Pinhole Occulter

USE Pinhole Occulter Facility

Facility, Solar Cell Calibration

USE Solar Cell Calibration Facility

Facility, Space Infrared Telescope

USE Space Infrared Telescope Facility

Facility, Spacelab UV-Optical Telescope

USE Starlab

Facility, Transient Reactor Test

USE Transient Reactor Test Facility

facility), TREAT (test

USE Transient Reactor Test Facility

Facility, X Ray Astrophysics

USE X Ray Astrophysics Facility

facing steps, backward

USE backward facing steps

facing steps, rearward

USE backward facing steps

facsimile communication

facsimile transmission

USE facsimile communication

factor, age

USE age factor

factor, amplification

USE amplification

factor analysis

factor, beta

USE beta factor

factor controllers, power

USE power factor controllers

factor, damping

USE damping

factor, friction

USE friction factor

factor, Landau

USE Landau factor

factor, nu

USE nu factor

factor, pH

USE pH factor

factor, Rhesus

USE Rhesus factor

factor, sex

USE sex factor

factor table, interference

USE interference factor table

factorial design

factorials

factories

USE industrial plants

factorization

factorization, Cholesky

USE Cholesky factorization

factors

USE variable

factors, economic

USE economic factors

factors, emotional

USE emotional factors

factors engineering, human

USE human factors engineering

factors, ethnic

USE ethnic factors

factors, form

USE form factors

factors laboratories, human

USE human factors laboratories

factors, load

USE loads (forces)

factors, mass flow

USE mass flow factors

factors, physical

USE physical factors

factors, physiological

USE physiological factors

factors, psychological

USE psychological factors

factors, Q

USE Q factors

factors, quality

USE Q factors

factors, race

USE race factors

factors, safety

USE safety factors

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factors, social

USE social factors

factors, stress intensity

USE stress intensity factors

factors, weight

USE weight (mass)

faculae

(faculae), plages

USE faculae

faculae, solar

USE faculae

Faddeev equations

fadeout, signal

USE signal fading

fading

fading rate, signal

USE signal fading rate

fading, selective

USE selective fading

fading, signal

USE signal fading

fahrenheit temperature scale

USE temperature scales

fail-safe systems

failure

failure analysis

(failure), burnthrough

USE burnthrough (failure)

failure, engine

USE engine failure

failure modes

failure, structural

USE structural failure

failures, mean time between

USE MTBF

failures, system

USE system failures

faint object camera

faint objects

fainting

USE syncope

Fairchild military aircraft

USE military aircraft
Fairchild-Hiller aircraft

Fairchild-Hiller aircraft

Fairey aircraft

Fairey Delta 2 aircraft

USE FD 2 aircraft

fairings

Faith 7

Falcon missile

Falkner-Skan equation

fall, free

USE free fall

falling

falling spheres

- fallout**
- false alarms**
- fan blades**
- fan engines, ducted**
USE ducted fan engines
- fan in wing aircraft**
- fan technology, prop-**
USE prop-fan technology
- fan-shaft engines, convertible**
USE convertible fan-shaft engines
- fanlift devices**
USE lift fans
- fans**
- fans, ducted**
USE ducted fans
- fans (landforms)**
- fans, lift**
USE lift fans
- fans, propeller**
USE propeller fans
- fans, turbo**
USE turbofans
- fans, ventilation**
USE ventilation fans
- far fields**
- far infrared radiation**
- far side, lunar**
USE lunar far side
- far ultraviolet radiation**
- Far UV Spectroscopic Explorer**
- Faraday dark space**
- Faraday effect**
- Faraday rotation**
USE Faraday effect
- farm crops**
- farmlands**
- fast breeder reactors, liquid metal**
USE liquid metal fast breeder reactors
- fast Fourier transformations**
- fast neutrons**
- fast nuclear reactors**
- fast oxide reactors**
- fast reactors, gas cooled**
USE gas cooled fast reactors
- fast test reactors**
- fasteners**
- (fasteners), anchors**
USE anchors (fasteners)
- (fasteners), locks**
USE locks (fasteners)
- (fasteners), nuts**
USE nuts (fasteners)
- fasting**
- fat embolisms**
- fatigue, acoustic**
USE acoustic fatigue
- fatigue, auditory**
USE auditory fatigue
- fatigue, bending**
USE bending fatigue
- fatigue (biology)**
- fatigue diagrams**
USE S-N diagrams
- fatigue, flight**
USE flight fatigue
- fatigue, high temperature**
USE thermal fatigue
- fatigue life**
- fatigue (materials)**
- fatigue, metal**
USE metal fatigue
- fatigue, muscular**
USE muscular fatigue
- fatigue, shear**
USE shear stress
- fatigue, sonic**
USE acoustic fatigue
- fatigue, strain**
USE fatigue (materials)
- fatigue, structural**
USE fatigue (materials)
- fatigue testing machines**
- fatigue tests**
- fatigue, thermal**
USE thermal fatigue
- fats**
- fatty acids**
- fault detection**
- fault energy, stacking**
USE stacking fault energy
- Fault experiment, San Andreas**
USE San Andreas Fault experiment
- fault mechanics**
USE fracture mechanics
- Fault, San Andreas**
USE San Andreas Fault
- fault tolerance**
- fault trees**
- faults**
- faults, closed**
USE geological faults
- faults, cross**
USE geological faults
- faults, echelon**
USE geological faults
- faults, electrical**
USE electrical faults
- faults, geological**
USE geological faults
- faults, stacking**
USE crystal defects
- faults, step**
USE geological faults
- faults, thrust**
USE geological faults
- fauna**
USE animals
- fayalite**
- FBFM (modulation)**
USE feedback frequency modulation
- FBL control**
USE fly by light control
- FBM (missiles)**
USE fleet ballistic missiles
- FCC lattices**
USE face centered cubic lattices
- FD 2 aircraft**
- FDL-5 reentry vehicle**
- FDMA**
USE frequency division multiple access
- Fe**
USE iron
- fear**
- fear of flying**
- feasibility**
- feasibility analysis**
- feasibility spacecraft, technology**
USE technology feasibility spacecraft
- Feather River Basin (CA)**
- feathering**
- feature extraction**
USE pattern recognition
- Feature Identification and Location Exper**
- features), bays (topographic**
USE bays (topographic features)
- features), sounds (topographic**
USE sounds (topographic features)
- feces**
- Fechner law, Weber-**
USE Weber-Fechner law
- federal budgets**
- Federal Republic of Germany**
USE West Germany
- Federation, Russian**
USE Russian Federation
- federations**
- feed systems**
- feedback**
- feedback amplifiers**
- feedback, bio**
USE biofeedback
- feedback circuits**
- feedback control**

feedback, degenerative

feedback, degenerative
USE negative feedback

feedback frequency modulation

feedback lasers, distributed
USE distributed feedback lasers

feedback, negative
USE negative feedback

feedback, nonlinear
USE nonlinear feedback

feedback, positive
USE positive feedback

feedback, regenerative
USE positive feedback

feedback, sensory
USE sensory feedback

feeders

feedforward control

feeding, space flight
USE space flight feeding

feeding (supplying)

feeds, antenna
USE antenna feeds

feelings
USE sensory feedback

feet (anatomy)

feldspars

Fellowship aircraft
USE F-28 transport aircraft

felsite

felts

females

femur

fences

fences, airfoil
USE airfoil fences

fences (barriers)

Fermat principle

fermentation

Fermi atomic power plant, Enrico
USE Enrico Fermi atomic power plant

Fermi liquids

Fermi model, Thomas-
USE Thomas-Fermi model

Fermi surfaces

Fermi theory, Thomas-
USE Thomas-Fermi model

Fermi-Dirac statistics

fermions

fermium

Ferranti Mercury computer

Ferraro problem, Chapman-
USE Chapman-Ferraro problem

ferrates

ferrates, barium
USE barium ferrates

ferric ions

ferrimagnetic materials

ferrimagnetism

ferrimagnets

ferrites

ferritic stainless steels

ferroalloys
USE iron alloys

ferrocene, alkyl
USE alkylferrocene

ferrocenes

ferroelectricity

ferroelectricity, anti
USE antiferroelectricity

ferrofluids

ferrography

ferromagnetic films

ferromagnetic materials

ferromagnetic resonance

ferromagnetism

ferromagnetism, anti
USE antiferromagnetism

ferrous metals

ferry spacecraft

fertility

fertilization

fertilizers

FET (transistors)
USE field effect transistors

FETS, MOD
USE MODFETS

fets, modulation doped
USE MODFETS

fetuses

fever

Feynman diagrams

Feynman theorem, Hellmann-
USE Hellmann-Feynman theorem

FFAR rocket vehicle
USE Folding Fin aircraft rocket vehicle

FFT
USE fast Fourier transformations

FGM (materials)
USE functionally gradient materials

FH-1100 helicopter
USE OH-5 helicopter

Fiat aircraft

Fiat G-91 aircraft
USE G-91 aircraft

Fiat G-95/4 aircraft
USE G-95/4 aircraft

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Fiat G-222 aircraft
USE G-222 aircraft

fiber composites

fiber composites, aramid
USE aramid fiber composites

fiber optics

fiber orientation

fiber reinforced plastics, carbon
USE carbon fiber reinforced plastics

fiber reinforced plastics, glass
USE glass fiber reinforced plastics

fiber release

fiber strength

fiber volume fraction

fiberboard
USE boards (paper)

fiberglass
USE glass fibers

fibers

fibers, aramid
USE aramid fibers

fibers, boron
USE boron fibers

fibers, carbon
USE carbon fibers

fibers, ceramic
USE ceramic fibers

fibers, cotton
USE cotton fibers

fibers, glass
USE glass fibers

fibers (mathematics)

fibers, metal
USE metal fibers

fibers, micro
USE microfibers

fibers, optical
USE optical fibers

fibers, reinforcing
USE reinforcing fibers

fibers, scintillating
USE scintillating fibers

fibers, scintillation
USE scintillating fibers

fibers, synthetic
USE synthetic fibers

Fibonacci numbers

fibrillation

fibrin

fibrinogen

fibroblasts

fibrosis

fibrosis, cystic
USE cystic fibrosis

fibrous materials
USE fibers

Ficks equation**fidelity**

USE accuracy

fiduciaries**field aligned currents****field amplifiers, crossed**

USE crossed field amplifiers

field army ballistic missiles**field coils****field configurations, magnetic**

USE magnetic field configurations

field effect transistors**field effect transistors, junction**

USE JFET

field emission**field, geomagnetic**

USE geomagnetism

field guns, crossed

USE crossed field guns

field intensity, magnetic

USE magnetic flux

field intensity meters**field inversions, magnetic**

USE magnetic field inversions

field magnets, high

USE high field magnets

field mode theory**field of view****field pinch, reverse**

USE reverse field pinch

field reconnection, magnetic

USE magnetic field reconnection

field, solar magnetic

USE solar magnetic field

field splitting, crystal

USE crystal field theory

field strength**field strength, electric**

USE electric field strength

field theory (algebra)**field theory, crystal**

USE crystal field theory

field theory (physics)**(field theory), strong interactions**

USE strong interactions (field theory)

field theory, unified

USE unified field theory

(field theory), weak interactions

USE weak interactions (field theory)

Field Year for Great Lakes, International

USE International Field Year for Great Lakes

fields**fields, antenna**

USE antenna radiation patterns

fields, boson

USE boson fields

fields, crossed

USE crossed fields

fields, crystal

USE crystal field theory

fields, electric

USE electric fields

fields, electromagnetic

USE electromagnetic fields

fields, electrostatic

USE electric fields

fields, far

USE far fields

fields, flow

USE flow distribution

fields, force

USE field theory (physics)

fields, force-free magnetic

USE force-free magnetic fields

fields, galactic magnetic

USE interstellar magnetic fields

fields, gravitational

USE gravitational fields

fields, interplanetary magnetic

USE interplanetary magnetic fields

fields, interstellar magnetic

USE interstellar magnetic fields

fields, lunar magnetic

USE lunar magnetic fields

fields, magnetic

USE magnetic fields

fields, magnetostatic

USE magnetostatic fields

fields, multipolar

USE multipolar fields

fields, near

USE near fields

fields, nonuniform magnetic

USE nonuniform magnetic fields

fields, oil

USE oil fields

fields, planetary magnetic

USE planetary magnetic fields

fields, plowed

USE farmlands

fields, potential

USE potential fields

fields, pressure

USE pressure distribution

fields, radiation

USE radiation distribution

fields, self consistent

USE self consistent fields

fields, sound

USE sound fields

fields, star

USE star distribution

fields, stellar

USE star distribution

fields, stellar magnetic

USE stellar magnetic fields

fields, stress

USE stress distribution

fields, temperature

USE temperature distribution

fields, tensor

USE tensors

fields, trapped magnetic

USE trapped magnetic fields

fields, velocity

USE velocity distribution

fields, visual

USE visual fields

fields, Yang-Mills

USE Yang-Mills fields

fighter, advanced tactical

USE F-22 aircraft

fighter aircraft**Fighter aircraft, Freedom**

USE F-5 aircraft

fighting, fire

USE fire fighting

figure, Earth

USE geodesy

figure, lunar

USE lunar figure

figure of merit**figures, Lissajous**

USE Lissajous figures

filament winding**filament wound construction**

USE filament winding

filaments**filaments (solar physics)**

USE solar prominences

filaments, vortex

USE vortex filaments

file maintenance (computers)**files****files (tools)****filled shells, fluid**

USE fluid filled shells

filled shells, liquid

USE liquid filled shells

fillers**fillets****filling****filling, re**

USE refilling

film anemometers, hot-

USE hot-film anemometers

film barriers, electrode

USE electrode film barriers

film boiling**film condensation****film cooling****film, helium**

USE helium film

film, photographic

film, photographic
USE photographic film

film thickness

films

films, diamond
USE diamond films

films, energy absorption
USE energy absorption films

films, ferromagnetic
USE ferromagnetic films

films, fluid
USE fluid films

films, Langmuir-Blodgett
USE Langmuir-Blodgett films

films, magnetic
USE magnetic films

films, metal
USE metal films

films, micro
USE microfilms

films, monomolecular
USE monomolecular films

films, oxide
USE oxide films

films, plastic
USE polymeric films

films, polymeric
USE polymeric films

films, semiconducting
USE semiconducting films

films, silicon
USE silicon films

films, squeeze
USE squeeze films

films, superconducting
USE superconducting films

films, thermoplastic
USE thermoplastic films

films, thick
USE thick films

films, thin
USE thin films

filter wheel infrared spectrometers

filtergrams

filtering
USE filtration

filtering, Kalman-Schmidt
USE Kalman-Schmidt filtering

filtering, spatial
USE spatial filtering

filtering, Wiener
USE Wiener filtering

filters

filters, adaptive
USE adaptive filters

filters, air
USE air filters

filters, bandpass
USE bandpass filters

filters, bandstop
USE bandstop filters

filters, birefringent
USE birefringent filters

filters, crystal
USE crystal filters

filters, digital
USE digital filters

filters, electric
USE electric filters

filters, electromagnetic wave
USE electromagnetic wave filters

filters, electronic
USE electronic filters

filters, finite impulse response
USE FIR filters

filters, FIR
USE FIR filters

filters, fluid
USE fluid filters

filters, high pass
USE high pass filters

filters, image
USE image filters

filters, infrared
USE infrared filters

filters, Kalman
USE Kalman filters

filters, linear
USE linear filters

filters, low pass
USE low pass filters

filters, mass
USE fluid filters

filters, matched
USE matched filters

filters, microwave
USE microwave filters

filters, nonlinear
USE nonlinear filters

filters, optical
USE optical filters

filters, particulate
USE fluid filters

filters, radar
USE radar filters

filters, radio
USE radio filters

filters, reduced order
USE reduced order filters

filters, tracking
USE tracking filters

filters, ultraviolet
USE ultraviolet filters

filters, waveguide
USE waveguide filters

filtration

filtration, in
USE infiltration

Fin aircraft rocket vehicle, Folding
USE Folding Fin aircraft rocket vehicle

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finance

financial management

finders, laser range
USE laser range finders

finders, optical range
USE optical range finders

finders, radar direction
USE radio direction finders

finders, radio direction
USE radio direction finders

finders (radio), direction
USE radio direction finders

finders, range
USE range finders

finding, direction
USE direction finding

finding, range
USE rangefinding

fine

fine structure

fineness

fineness ratio

fines

fingers

fingers, mechanical
USE end effectors

fingers, robot
USE end effectors

fingers (robotics)
USE end effectors

finishes

finishing, metal
USE metal finishing

finishing, surface
USE surface finishing

finite difference theory

finite element method

finite elements, isoparametric
USE isoparametric finite elements

finite impulse response filters
USE FIR filters

finite volume method

finite-state machines
USE Turing machines

Finland

finned bodies

Finnish space program

fins

fins, cooling
USE cooling fins

fins, nose
USE nose fins

fins, vertical
USE fins

fiords

FIR filters

fire, artillery
USE artillery fire

FIRE (climatology)**fire control****fire control circuits****fire damage**

fire detection, forest
USE forest fire detection

fire extinguishers**fire fighting****fire point****fire prevention**

fire resistance
USE flammability

fire retardants
USE flame retardants

fire, Saint Elmo
USE Saint Elmo fire

fireballs**Firebee 2 target drone aircraft****firebreaks****fireflies****fireproofing****fires**

fires, forest
USE forest fires

fireworks
USE pyrotechnics

firing (igniting)

firing, retro
USE retrofiring

firing, rocket
USE rocket firing

firing, static
USE static firing

firing, test
USE test firing

firing time
USE burning time

firmware**first aid**

First ISCCP Regional Experiment
USE FIRE (climatology)

Fischer reagent, Karl
USE Karl Fischer reagent

Fischer-Tropsch process

fish
USE fishes

(fish), schools
USE schools (fish)

fish, shell
USE shellfish

Fishbowl Operation**fisheries****fishes****fishing**

fish tailing
USE yaw

fissile fuels

fissile materials
USE fissionable materials

fission**fission electric cells**

fission hybrid reactors, fusion-
USE fusion-fission hybrid reactors

fission, nuclear
USE nuclear fission

fission products

(fission reactors), blankets
USE blankets (fission reactors)

fission reactors, gaseous
USE gaseous fission reactors

fission weapons**fissionable materials****fissium****fissures (geology)**

fit, goodness of
USE goodness of fit

fit, interference
USE interference fit

fitness

fitness, flight
USE flight fitness

fitness, physical
USE physical fitness

fitting

fitting, curve
USE curve fitting

fittings

Fitzgerald-Lorentz contraction
USE Lorentz contraction

fix
USE fixing

fixation, nitrogen
USE nitrogenation

fixed point arithmetic**fixed points (mathematics)****fixed wings**

fixed-wing aircraft
USE fixed wings
aircraft configurations

fixing

fixing and ranging, sound
USE sound fixing and ranging

fixpoint theorem, Schauder
USE Schauder fixpoint theorem

fixtures**Fizeau effect**

Fizeau effect, Doppler-
USE Doppler-Fizeau effect

FL
USE Florida

(FL), Everglades
USE Everglades (FL)

(FL), Merritt Island
USE Merritt Island (FL)

Flagellata**flakes****flaking****flame calorimeters**

flame, Chapman-Jouget
USE flame propagation
detonation
chemical equilibrium

flame deflectors

flame fronts
USE flame propagation

flame holders

flame interaction
USE flame propagation
chemical reactions

flame ionization**flame plating****flame probes****flame propagation**

flame quenching
USE extinguishing
quenching (cooling)

flame retardants**flame spectroscopy****flame spraying****flame stability****flame temperature****flameout****flames**

flames, diffusion
USE diffusion flames

flames, jet
USE flames
jet flow

flames, laminar
USE flames
laminar flow

flames, premixed
USE premixed flames

flammability**flammable gases****flange wrinkling****flanges**

flap approach, delayed
USE delayed flap approach

flap control
USE flaps (control surfaces)
aircraft control

flaperons

flaperons

flapping

flapping hinges

flaps, blown

USE externally blown flaps

flaps (control surfaces)

flaps, externally blown

USE externally blown flaps

flaps, jet

USE jet flaps

flaps, jet augmented wing

USE jet flaps
wing flaps

flaps, leading edge

USE leading edge flaps

flaps, split

USE split flaps

flaps, trailing edge

USE trailing edge flaps

flaps, upper surface blown

USE upper surface blown flaps

flaps, vortex

USE vortex flaps

flaps, wing

USE wing flaps

flare, conical

USE cones

flare stars

flared bodies

flares

flares, solar

USE solar flares

flares, stellar

USE stellar flares

flash

flash blindness

flash lamps

flash point

flash tubes

USE flash lamps

flash welding

flashback

flashing (vaporizing)

flashover

flasks

flat coaxial transmission lines

USE microstrip transmission lines

flat conductors

flat layers

flat patterns

flat plates

flat surfaces

flatness

flats, adobe

USE flats (landforms)

flats (landforms)

flats, salt

USE flats (landforms)

flats, tidal

USE tidal flats

flattening

flatworms

flavor (particle physics)

flaw detection

USE nondestructive tests

flaw detection, ultrasonic

USE ultrasonic flaw detection

flaws

USE defects

fleet ballistic missiles

fleet satellite communication system

Fleetsatcom

USE fleet satellite communication system

flexibility

flexible bodies

flexible spacecraft

flexible wings

flexing

flexors

Flexowriters (trademark)

USE automatic typewriters

flexure

USE flexing

flexure problem, Saint Venant

USE Saint Venant principle

flexure problem, St Venant

USE Saint Venant principle

flicker

flicker fusion, critical

USE critical flicker fusion

flicker fusion frequency

USE critical flicker fusion

flies, chironomus

USE chironomus flies

flight

flight altitude

flight, Apollo 5

USE Apollo 5 flight

flight, Apollo 6

USE Apollo 6 flight

flight, Apollo 7

USE Apollo 7 flight

flight, Apollo 8

USE Apollo 8 flight

flight, Apollo 9

USE Apollo 9 flight

flight, Apollo 10

USE Apollo 10 flight

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flight, Apollo 11

USE Apollo 11 flight

flight, Apollo 12

USE Apollo 12 flight

flight, Apollo 13

USE Apollo 13 flight

flight, Apollo 14

USE Apollo 14 flight

flight, Apollo 15

USE Apollo 15 flight

flight, Apollo 16

USE Apollo 16 flight

flight, Apollo 17

USE Apollo 17 flight

flight, balloon

USE balloon flight

flight, banking

USE turning flight

flight characteristics

flight, climbing

USE climbing flight

flight clothing

flight, coasting

USE coasting flight

flight computers

USE airborne/spaceborne computers

flight conditions

flight control

flight control, automatic

USE automatic flight control

flight crews

flight, cruising

USE cruising flight

flight, engine relight (in-

USE air start

flight envelopes

flight, extended duration space

USE long duration space flight

flight fatigue

flight feeding, space

USE space flight feeding

flight fitness

flight, free

USE free flight

flight, Gemini 3

USE Gemini 3 flight

flight, Gemini 4

USE Gemini 4 flight

flight, Gemini 5

USE Gemini 5 flight

flight, Gemini 6

USE Gemini 6 flight

flight, Gemini 7

USE Gemini 7 flight

flight, Gemini 8

USE Gemini 8 flight

flight, Gemini 9

USE Gemini 9 flight

flight, Gemini 10
USE Gemini 10 flight

flight, Gemini 11
USE Gemini 11 flight

flight, Gemini 12
USE Gemini 12 flight

flight hazards

flight, high altitude
USE flight
high altitude

flight, high speed
USE high speed
flight

flight, horizontal
USE horizontal flight

flight, hypersonic
USE hypersonic flight

flight instruments

flight, interplanetary
USE interplanetary flight

flight, jet
USE jet aircraft

flight load recorders

flight, long duration space
USE long duration space flight

flight, lunar
USE lunar flight

flight, MA-3
USE Mercury MA-3 flight

flight, MA-4
USE Mercury MA-4 flight

flight, MA-5
USE Mercury MA-5 flight

flight, MA-8
USE Mercury MA-8 flight

flight, MA-9
USE Mercury MA-9 flight

flight management systems

flight, manned space
USE manned space flight

flight mechanics

flight, Mercury MA-1
USE Mercury MA-1 flight

flight, Mercury MA-2
USE Mercury MA-2 flight

flight, Mercury MA-3
USE Mercury MA-3 flight

flight, Mercury MA-4
USE Mercury MA-4 flight

flight, Mercury MA-5
USE Mercury MA-5 flight

flight, Mercury MA-6
USE Mercury MA-6 flight

flight, Mercury MA-7
USE Mercury MA-7 flight

flight, Mercury MA-8
USE Mercury MA-8 flight

flight, Mercury MA-9
USE Mercury MA-9 flight

flight, Mercury MR-1
USE Mercury MR-1 flight

flight, Mercury MR-2
USE Mercury MR-2 flight

flight, Mercury MR-3
USE Mercury MR-3 flight

flight, Mercury MR-4
USE Mercury MR-4 flight

flight, meteorological
USE meteorological flight

flight, minor circle turning
USE minor circle turning flight

flight monitoring, in-
USE in-flight monitoring

flight, MR-3
USE Mercury MR-3 flight

flight network, manned space
USE manned space flight network

flight nurses

flight operations

flight optimization

flight, parabolic
USE parabolic flight

flight paths

flight performance
USE flight characteristics

flight, planetary space
USE interplanetary flight

flight plans

flight recorders

flight, return to Earth space
USE return to Earth space flight

flight, rocket
USE rocket flight

flight rules

flight rules, instrument
USE instrument flight rules

flight rules, visual
USE visual flight rules

flight safety

flight simulation

flight simulators

flight, space
USE space flight

flight, Space Transportation System 1
USE Space Transportation System 1 flight

flight, Space Transportation System 2
USE Space Transportation System 2 flight

flight, Space Transportation System 3
USE Space Transportation System 3 flight

flight, Space Transportation System 4
USE Space Transportation System 4 flight

flight spectrometers, time of
USE time of flight spectrometers

flight stability tests

flight starting, in-
USE air start

flight stress

flight stress (biology)

flight stress, space
USE space flight stress

flight, suborbital
USE suborbital flight

flight, supersonic
USE supersonic flight

flight surgeons

flight technical error
USE pilot error

flight test apparatus, free
USE free flight test apparatus

flight test instruments

flight test program, reactor in
USE RIFT (reactor in flight test)

flight test), RIFT (reactor in
USE RIFT (reactor in flight test)

flight test vehicles

Flight Test 1 (shuttle), Orbital
USE Space Transportation System 1 flight

flight test 1, space shuttle orbital
USE Space Transportation System 1 flight

Flight Test 2 (shuttle), Orbital
USE Space Transportation System 2 flight

flight test 2, space shuttle orbital
USE Space Transportation System 2 flight

Flight Test 3 (shuttle), Orbital
USE Space Transportation System 3 flight

flight test 3, space shuttle orbital
USE Space Transportation System 3 flight

Flight Test 4 (shuttle), Orbital
USE Space Transportation System 4 flight

flight test 4, space shuttle orbital
USE Space Transportation System 4 flight

flight tests

flight tests (shuttle), orbital
USE Space Transportation System flights

flight tests, space shuttle orbital
USE Space Transportation System flights

flight time

flight tracking and data network, space
USE space flight tracking and data network

flight training

flight training, space
USE space flight training

flight, transition
USE transition flight

flight, transition
USE transition flight

flight, transoceanic
USE transoceanic flight

flight, transonic
USE transonic flight

flight, turning
USE turning flight

flight vehicles

flight, vertical

flight, vertical

USE vertical flight

flight, visual

USE visual flight

Flight 7, Space Shuttle Orbital

USE Space Shuttle mission 31-C

Flight 8, Space Shuttle Orbital

USE Space Shuttle mission 31-D

Flight 9, Space Shuttle Orbital

USE Space Shuttle mission 41-A

flights (aircraft), night

USE night flights (aircraft)

flights, Apollo

USE Apollo flights

flights, Gemini

USE Gemini flights

flights, Mercury

USE Mercury flights

flights, Space Shuttle orbital

USE Space Transportation System flights

flights, Space Transportation System

USE Space Transportation System flights

flights, Spacelab simulation

USE Assess program

flint

flip-flops

FLIR detectors

float zones

floating

floating point arithmetic

floats

flocculating

floes, ice

USE ice floes

flood control

flood damage

flood plains

flood predictions

floods

floor spreading, ocean

USE sea floor spreading

floor spreading, sea

USE sea floor spreading

floors

(floors), decks

USE floors

floors, intermontane

USE valleys

flops, flip-

USE flip-flops

Floquet theorem

flora

USE plants (botany)

Florida

flotation

flotation systems

USE floats

flour

flour (food)

flow

flow, adiabatic

USE adiabatic flow

flow, air

USE air flow

flow airfoils, laminar

USE laminar flow airfoils

flow analysis, data

USE data flow analysis

flow, annular

USE annular flow

flow, axial

USE axial flow

flow, axisymmetric

USE axisymmetric flow

flow, barotropic

USE barotropic flow

flow, base

USE base flow

flow, Beltrami

USE Beltrami flow

flow, Blasius

USE Blasius flow

flow, blood

USE blood flow

flow, boundary layer

USE boundary layer flow

flow, Brillouin

USE Brillouin flow

flow, capillary

USE capillary flow

flow, cascade

USE cascade flow

flow, cavitation

USE cavitation flow

flow, cavity

USE cavity flow

flow cells, geophysical fluid

USE geophysical fluid flow cells

flow chambers

flow, channel

USE channel flow

flow characteristics

flow charts

flow, chemically reacting

USE reacting flow

flow, choked

USE choked flow

flow, coaxial

USE coaxial flow

flow coefficients

flow, combustible

USE combustible flow

flow, compressible

USE compressible flow

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flow compressors, axial

USE turbocompressors

flow, conical

USE conical flow

flow, continuum

USE continuum flow

flow control, laminar

USE boundary layer control
laminar boundary layer

flow, convective

USE convective flow

flow, core

USE core flow

flow, corner

USE corner flow

flow, Couette

USE Couette flow

flow, counter

USE counterflow

flow, critical

USE critical flow

flow, cross

USE cross flow

flow deflection

flow devices, charge

USE charge flow devices

flow direction indicators

flow distortion

flow distribution

flow), draft (gas

USE draft (gas flow)

flow, ducted

USE ducted flow

flow electrophoresis, continuous

USE electrophoresis

flow equations

flow, equilibrium

USE equilibrium flow

flow factors, mass

USE mass flow factors

flow fields

USE flow distribution

flow, fluid

USE fluid flow

flow, free

USE free flow

flow, free molecular

USE free molecular flow

flow, frozen equilibrium

USE frozen equilibrium flow

flow, fuel

USE fuel flow

flow, gas

USE gas flow

flow geometry

flow graphs

flow graphs, signal

USE signal flow graphs

flow, grazing
USE grazing flow

flow, Hartmann
USE Hartmann flow

flow, head
USE head flow

flow, heat
USE heat transmission

flow, helical
USE helical flow

flow, hydromagnetic
USE magnetohydrodynamic flow

flow, hypersonic
USE hypersonic flow

flow, hypervelocity
USE hypervelocity flow

flow (image analysis), optical
USE optical flow (image analysis)

flow, incompressible
USE incompressible flow

flow, induced fluid
USE fluid flow

flow, information
USE information flow

flow, inlet
USE inlet flow

flow inlets, supersonic
USE supersonic inlets

flow, inviscid
USE inviscid flow

flow, irrotational
USE potential flow

flow, isothermal
USE isothermal flow

flow, jet
USE jet flow

flow, jet mixing
USE jet mixing flow

flow, Karman-Bodewadt
USE Karman-Bodewadt flow

flow, Kirchhoff-Helmholtz
USE pipe flow

flow, Knudsen
USE Knudsen flow

flow, laminar
USE laminar flow

flow, liquid
USE liquid flow

flow, low density
USE low density flow

flow, magnetohydrodynamic
USE magnetohydrodynamic flow

flow, mass
USE mass flow

flow measurement

flow, meridional
USE meridional flow

flow (meteorology), zonal
USE zonal flow (meteorology)

flow method tests, wing
USE wing flow method tests

flow, mixed
USE multiphase flow

flow, molecular
USE molecular flow

flow, multiphase
USE multiphase flow

flow nets

flow, nonequilibrium
USE nonequilibrium flow

flow, nonNewtonian
USE nonNewtonian flow

flow, nonuniform
USE nonuniform flow

flow, nonviscous
USE inviscid flow

flow, nozzle
USE nozzle flow

flow, one dimensional
USE one dimensional flow

flow, one-phase
USE single-phase flow

flow, open channel
USE open channel flow

flow, orifice
USE orifice flow

flow, oscillating
USE oscillating flow

flow, outlet
USE outlet flow

flow, parallel
USE parallel flow

flow patterns
USE flow distribution

flow, peripheral jet
USE peripheral jet flow

flow, pipe
USE pipe flow

flow, plasma
USE magnetohydrodynamic flow

flow, plastic
USE plastic flow

flow, Poiseuille
USE laminar flow

flow, potential
USE potential flow

flow, pulsating
USE unsteady flow

flow pumps, axial
USE axial flow pumps

flow, radial
USE radial flow

flow rate
USE flow velocity

flow rate, mass
USE mass flow rate

flow, reacting
USE reacting flow

flow, reattached
USE reattached flow

flow, recirculative fluid
USE recirculative fluid flow

flow regulators

flow regulators, fuel
USE fuel flow regulators

flow resistance

flow, reversed
USE reversed flow

flow, rotational
USE vortices
fluid flow

flow, secondary
USE secondary flow

flow, separated
USE separated flow

flow separation
USE separated flow
boundary layer separation

flow, shear
USE shear flow

flow, shifting equilibrium
USE shifting equilibrium flow

flow simulation, exhaust
USE exhaust flow simulation

flow, single-phase
USE single-phase flow

flow, slip
USE slip flow

flow, small perturbation
USE small perturbation flow

flow, solids
USE solids flow

flow, sonic
USE transonic flow

flow stability

flow, stagnation
USE stagnation flow

flow, steady
USE steady flow

flow, steady state
USE equilibrium flow

flow, steam
USE steam flow

flow, Stokes
USE Stokes flow

flow, stratified
USE stratified flow

flow, streamline
USE laminar flow

flow, subcritical
USE subcritical flow

flow, subsonic
USE subsonic flow

flow, supercavitating
USE supercavitating flow

flow, supercritical
USE supercritical flow

flow, superfluid
USE superfluidity

flow, supersonic
USE supersonic flow

flow, supersonic jet
USE supersonic jet flow

flow tests, cold

flow tests, cold

USE cold flow tests

flow theory

flow theory, mixing length

USE mixing length flow theory

flow, three dimensional

USE three dimensional flow

flow, transition

USE transition flow

flow, transonic

USE transonic flow

flow, Tresca

USE Tresca flow

flow turbines, axial

USE axial flow turbines

flow, turbulent

USE turbulent flow

flow, two dimensional

USE two dimensional flow

flow, two phase

USE two phase flow

flow, uniform

USE uniform flow

flow, uniphase

USE single-phase flow

flow, unsteady

USE unsteady flow

flow velocity

flow, viscoelastic

USE viscoelasticity

flow, viscoplastic

USE viscoplasticity

flow, viscous

USE viscous flow

flow visualization

flow visualization, numerical

USE numerical flow visualization

flow, visualization of

USE flow visualization

flow, vortex

USE vortices

flow, wall

USE wall flow

flow, water

USE water flow

flow, wedge

USE wedge flow

flowers, sun

USE sunflowers

flowmeters

flowmeters, hot-wire

USE hot-wire flowmeters

flows (astrophysics), cooling

USE cooling flows (astrophysics)

FLOX

Fitsatcom

USE fleet satellite communication system

fluctuation

USE variations

fluctuation theory

flue gases

fluence

fluorics

flues

fluid amplification

USE fluid amplifiers

fluid amplifiers

fluid boundaries

fluid, cerebrospinal

USE cerebrospinal fluid

fluid dynamics

(fluid dynamics), cascades

USE fluid dynamics

fluid dynamics, computational

USE computational fluid dynamics

(fluid dynamics), panel method

USE panel method (fluid dynamics)

(fluid dynamics), stabilizers

USE stabilizers (fluid dynamics)

fluid filled shells

fluid films

fluid filters

fluid flow

fluid flow cells, geophysical

USE geophysical fluid flow cells

fluid flow, induced

USE fluid flow

fluid flow, recirculative

USE recirculative fluid flow

fluid injection

fluid jet amplifiers

USE fluid amplifiers
jet amplifiers

fluid jets

fluid logic

fluid management

fluid mechanics

(fluid mechanics), head

USE head (fluid mechanics)

(fluid mechanics), Stokes law

USE Stokes law (fluid mechanics)

fluid models, two

USE two fluid models

fluid power

fluid pressure

fluid rotor gyroscopes

fluid storage, cryogenic

USE cryogenic fluid storage

fluid switching elements

fluid transmission lines

fluid transpiration

USE transpiration

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fluid-solid interactions

fluidic circuits

fluidics

fluidity, super

USE superfluidity

fluidized bed processors

fluids

fluids, anisotropic

USE anisotropic fluids

fluids, binary

USE binary fluids

fluids, body

USE body fluids

fluids, compressible

USE compressible fluids

fluids, conducting

USE conducting fluids

fluids, cryogenic

USE cryogenic fluids

fluids, electrorheological

USE electrorheological fluids

fluids, ER

USE electrorheological fluids

fluids, ferro

USE ferrofluids

fluids, geophysical

USE geophysical fluids

fluids, gyroscope

USE gyroscope fluids

fluids, high temperature

USE high temperature fluids

fluids, hydraulic

USE hydraulic fluids

fluids, ideal

USE ideal fluids

fluids, incompressible

USE incompressible fluids

fluids, Maxwell

USE Maxwell fluids

fluids, micropolar

USE micropolar fluids

(fluids), mixing layers

USE mixing layers (fluids)

fluids, Newtonian

USE Newtonian fluids

fluids, nonNewtonian

USE nonNewtonian fluids

fluids, rotating

USE rotating fluids

(fluids), stream functions

USE stream functions (fluids)

fluids, supercritical

USE supercritical fluids

fluids, transmission

USE transmission fluids

fluids, viscous

USE viscous fluids

fluids, weightless

USE weightless fluids

fluids, working
USE working fluids

fluorescence

fluorescence, laser induced
USE laser induced fluorescence

(fluorescence), LIF
USE laser induced fluorescence

fluorescence, resonance
USE resonance fluorescence

fluorescence, X ray
USE X ray fluorescence

fluorescent emission
USE fluorescence

fluoride lasers, deuterium
USE DF lasers

fluoride lasers, hydrogen
USE HF lasers

fluoride lasers, krypton
USE krypton fluoride lasers

fluoride lasers, xenon
USE xenon fluoride lasers

fluoride lasers, yttrium lithium
USE YLF lasers

fluoride, ozone
USE ozone fluoride

fluoride, polyvinyl
USE polyvinyl fluoride

fluorides

fluorides, aluminum
USE aluminum fluorides

fluorides, antimony
USE antimony fluorides

fluorides, barium
USE barium fluorides

fluorides, beryllium
USE beryllium fluorides

fluorides, boron
USE boron fluorides

fluorides, cadmium
USE cadmium fluorides

fluorides, calcium
USE calcium fluorides

fluorides, cesium
USE cesium fluorides

fluorides, chlorine
USE chlorine fluorides

fluorides, chromium
USE chromium fluorides

fluorides, cobalt
USE cobalt fluorides

fluorides, copper
USE copper fluorides

fluorides, deuterium
USE deuterium fluorides

fluorides, di
USE difluorides

fluorides, hydrogen
USE hydrofluoric acid

fluorides, lanthanum
USE lanthanum fluorides

fluorides, lithium
USE lithium fluorides

fluorides, magnesium
USE magnesium fluorides

fluorides, metal
USE metal fluorides

fluorides, nickel
USE nickel fluorides

fluorides, nitrogen
USE nitrogen fluorides

fluorides, nitril
USE nitril fluorides

fluorides, oxy
USE oxyfluorides

fluorides, oxygen
USE oxygen fluorides

fluorides, perchloryl
USE perchloryl fluorides

fluorides, plutonium
USE plutonium fluorides

fluorides, protactinium
USE protactinium fluorides

fluorides, sodium
USE sodium fluorides

fluorides, strontium
USE strontium fluorides

fluorides, sulfur
USE sulfur fluorides

fluorides, technetium
USE technetium fluorides

fluorides, thorium
USE thorium fluorides

fluorides, tungsten
USE tungsten fluorides

fluorides, uranium
USE uranium fluorides

fluorides, zinc
USE zinc fluorides

fluorination

fluorination, de
USE defluorination

fluorine

fluorine compounds

fluorine compounds, organic
USE fluorine organic compounds

fluorine isotopes

fluorine, liquid
USE liquid fluorine

fluorine organic compounds

fluorine-liquid oxygen
USE FLOX

fluorite

fluoro compounds

fluoroamines

fluorocarbons

fluorohydrocarbons

fluoromethane, chloro
USE chlorofluoromethane

fluoromica
USE fluorosilicates
mica

fluorophlogopite

fluoroplastics
USE fluoropolymers

fluoropolymers

fluoroscopy

fluorosilicates

fluorspar

flushing

fluting
USE grooving

flutter

flutter, aeromagneto
USE flutter

flutter analysis

flutter, panel
USE panel flutter

flutter, subsonic
USE subsonic flutter

flutter, supersonic
USE supersonic flutter

flutter, transonic
USE transonic flutter

flux

flux beam reactors, high
USE high flux beam reactors

flux density

flux density, electron
USE electron flux density

flux density, luminous
USE luminous intensity

flux density, neutron
USE neutron flux density

flux density, particle
USE particle flux density

flux density, proton
USE proton flux density

flux density, radiant
USE radiant flux density

flux density, solar
USE solar flux density

flux, electron
USE electrons
flux (rate)

flux, heat
USE heat flux

flux isotope reactors, high
USE high flux isotope reactors

flux, magnetic
USE magnetic flux

flux mapping
USE mapping
flux density

flux measurement, plasma
USE plasma flux measurement

flux, neutron
USE flux (rate)

flux, particle

flux, particle

USE flux (rate)

flux pinning

flux, poloidal

USE poloidal flux

flux pumps

flux quantization

flux (rate)

flux (rate per unit area)

USE flux density

flux, solar

USE solar flux

flux transfer events

flux vector splitting

fluxes

fluxmeters

USE magnetic measurement
measuring instruments

fly ash

fly by light control

fly by tube control

fly by wire control

fly trap rocket vehicle, Venus

USE Venus fly trap rocket vehicle

flyby, Mariner Jupiter-Saturn

USE Mariner Jupiter-Saturn flyby

flyby, Mariner Jupiter-Uranus

USE Mariner Jupiter-Uranus flyby

Flyby Mission, Comet Rendezvous Asteroid

USE Comet Rendezvous Asteroid Flyby Mission

flyby missions

flyers, man tended free

USE man tended free flyers

flying

USE flight

flying bedstead aircraft

USE flying platforms

Flying Crane helicopter

USE H-17 helicopter

flying ejection seats

flying, fear of

USE fear of flying

flying objects, unidentified

USE unidentified flying objects

flying personnel

flying platform stability

USE flying platforms
aerodynamic stability

flying platforms

flying qualities

USE flight characteristics

flying spot scanners

flying, stunt

USE aerobatics

flying vehicles, lunar

USE lunar flying vehicles

flying wing aircraft

USE tailless aircraft

flywheels

Fm

USE fermium

FM (modulation)

USE frequency modulation

FM/PM (modulation)

foam, polyurethane

USE polyurethane foam

foaming

foams

foams, metal

USE metal foams

focal plane arrays

USE focal plane devices

focal plane devices

foci

Fock approximation, Hartree-

USE Hartree approximation

Fock-Slater method, Hartree-

USE Hartree-Fock-Slater method

focus, plasma

USE plasma focus

focusing

focusing, de

USE defocusing

focusing, self

USE self focusing

foe, identify friend or

USE IFF systems (identification)

foetuses

USE fetuses

fog

fog dispersal

foil bearings

foils

foils, air

USE airfoils

foils, hydro

USE hydrofoils

foils (materials)

foils, metal

USE metal foils

Fokker aircraft

Fokker bond testers

USE adhesion tests

Fokker F 27 aircraft

USE F-27 aircraft

Fokker F 28 aircraft

USE F-28 transport aircraft

Fokker Friendship aircraft

USE F-27 aircraft

Fokker-Planck equation

folding

Folding Fin aircraft rocket vehicle

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folding structures

folds (geology)

foliage

follic acid

follow-on missions, Landsat

USE Landsat follow-on missions

following aircraft, terrain

USE terrain following aircraft

food

food chain

food, dehydrated

USE dehydrated food

(food), flour

USE flour (food)

(food), grains

USE grains (food)

food intake

food processing

food production (in space)

food, synthetic

USE synthetic food

foods, frozen

USE frozen foods

footprints

(footwear), boots

USE boots (footwear)

forbidden bands

forbidden transitions

Forbush decreases

Forbush effect

USE Forbush decreases

force

force anemometers, drag

USE drag force anemometers

force, centrifugal

USE centrifugal force

force, centripetal

USE centripetal force

force curves, zero

USE zero force curves

force distribution

force distribution, normal

USE force distribution

force fields

USE field theory (physics)

force, G

USE acceleration (physics)

force, lines of

USE lines of force

force, Lorentz

USE Lorentz force

force recorders, cable

USE cable force recorders

force vector recorders

force-free magnetic fields

forced convection**forced oscillation**

USE forced vibration

forced vibration**forced vibratory motion equations**

USE forced vibration equations

forces, aerodynamic

USE aerodynamic forces

forces, armed

USE armed forces

forces, electromotive

USE electromotive forces

forces (foreign), armed

USE armed forces (foreign)

forces, hypersonic

USE hypersonic forces

forces, inertial

USE inertia

forces, interatomic

USE interatomic forces

forces, intermolecular

USE intermolecular forces

forces, lift

USE lift

(forces), load distribution

USE load distribution (forces)

forces, loading

USE loads (forces)

(forces), loads

USE loads (forces)

forces, nonconservative

USE nonconservative forces

forces, ponderomotive

USE ponderomotive forces

forces (United States), armed

USE armed forces (United States)

forces, Van der Waals

USE Van der Waals forces

Ford project, West

USE West Ford project

forearm**forebodies****(forebodies), noses**

USE noses (forebodies)

forecasting**(forecasting), Delphi method**

USE Delphi method (forecasting)

forecasting, long range weather

USE long range weather forecasting

forecasting, numerical weather

USE numerical weather forecasting

(forecasting), pattern method

USE pattern method (forecasting)

(forecasting), probe method

USE probe method (forecasting)

(forecasting), profile method

USE profile method (forecasting)

forecasting, statistical weather

USE statistical weather forecasting

forecasting, technological

USE technological forecasting

forecasting, weather

USE weather forecasting

forecasts

USE forecasting

forehead**(foreign), armed forces**

USE armed forces (foreign)

foreign bodies**foreign policy****foreign trade**

USE international trade

forensic sciences

USE law (jurisprudence)

forest fire detection**forest fires****forest management****forestation, de**

USE deforestation

forestation, re

USE reforestation

forests**forests, rain**

USE rain forests

forging**forging, metal**

USE forging

forging, spin

USE metal spinning

fork gyroscopes, tuning

USE tuning fork gyroscopes

forks**form**

USE shapes

form factors**form, Jordan**

USE Jordan form

form perception

USE space perception

formaldehyde**formaldehyde, phenol**

USE phenol formaldehyde

formalism**format****formate, chloro**

USE chloroformate

formates**formates, nitro**

USE nitroformates

formation**formation, crack**

USE crack initiation

formation, energy of

USE energy of formation

formation heat

USE heat of formation

formation, heat of

USE heat of formation

formation, ice

USE ice formation

formation rate, star

USE star formation rate

formation, star

USE star formation

formations**formhydroxamic acid****formic acid****formica****forming, aus**

USE ausforming

forming, beam

USE beamforming

forming, cold

USE cold working

forming, electro

USE electroforming

forming, electrohydraulic

USE electrohydraulic forming

forming, explosive

USE explosive forming

forming, hot

USE hot working

forming, hydro

USE hydroforming

forming, magnetic

USE magnetic forming

forming, metalUSE forming techniques
metal working**(forming or bending), brakes**

USE brakes (forming or bending)

(forming), pressing

USE pressing (forming)

forming, roll

USE roll forming

forming, stretch

USE stretch forming

forming techniques**forms, canonical**

USE canonical forms

forms), domes (structural

USE domes (structural forms)

forms, nitro

USE nitroforms

forms (paper)**forms, plan**

USE planforms

forms), shells (structural

USE shells (structural forms)

forms, wave

USE waveforms

formula, Bethe-Heitler

USE Bethe-Heitler formula

formula, Cauchy integral

formula, Cauchy integral
USE Cauchy integral formula

formula, Kramers-Kronig
USE Kramers-Kronig formula

formula, Langevin
USE Langevin formula

formula, Mollere
USE cosmic ray showers
secondary cosmic rays
spatial distribution

formulas

formulas (mathematics)

formulas, recursion
USE recursive functions

formulations

formyl ions

forsterite

Forth (programming language)

Fortisan (trademark)

FORTRAN

Fortress aircraft, Super
USE RB-50 aircraft

forward looking infrared detectors
USE FLIR detectors

forward scattering

forward wings, swept
USE swept forward wings

fossil fuels

fossil meteorite craters
USE fossils
meteorite craters

fossils

Foster theory

fouling

fouling, anti
USE antifouling

foundations

(foundations), bases
USE foundations

foundations, pile
USE pile foundations

foundations, structural
USE foundations

foundries

four body problem

four hour orbits, twenty-
USE twenty-four hour orbits

four-wave mixing

Fourier analysis

Fourier law

Fourier series

Fourier transformation

Fourier transformations, fast
USE fast Fourier transformations

Fourier-Bessel transformations

fovea

Fr
USE francium

FR-1 satellite

fractals

fraction, fiber volume
USE fiber volume fraction

fractionation

fractionation, chemical
USE chemical fractionation

fractions

fractography

fractometers, re
USE refractometers

fracture mechanics

fracture resistance
USE fracture strength

fracture strength

fracture toughness
USE fracture strength

fractures, crustal
USE crustal fractures

fractures (materials)

fracturing

(fracturing), cracking
USE cracking (fracturing)

fragmentation

fragmentation, satellite
USE spacecraft breakup

fragments

frame photography

frames

frames, air
USE airframes

frames (data processing)

(frames), racks
USE racks (frames)

framing cameras

France

(France), Rhone Delta
USE Rhone Delta (France)

Francisco Bay (CA), San
USE San Francisco Bay (CA)

Francisco (CA), San
USE San Francisco (CA)

francium

Franck-Condon principle

Fraunhofer line discriminators

Fraunhofer lines

Fraunhofer region
USE far fields

Fredholm equations

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Fredholm operators
USE Fredholm equations
operators (mathematics)

free atmosphere

free boundaries

free convection

free electron lasers

free electrons

free energy

free energy, Gibbs
USE Gibbs free energy

free fall

free flight

free flight test apparatus

free flow

free flyers, man tended
USE man tended free flyers

free jets

free languages, context
USE context free languages

free magnetic fields, force-
USE force-free magnetic fields

free molecular flow

free oscillations
USE free vibration

free path, mean
USE mean free path

free radicals

free stream effects
USE free flow

free streams
USE free flow

free vibration

free wing aircraft

free-piston engines

freedom, degrees of
USE degrees of freedom

Freedom Fighter aircraft
USE F-5 aircraft

Freedom, Space Station
USE Space Station Freedom

Freedom Space Station
USE Space Station Freedom

freeze drying

freezing

freezing points
USE melting points

freezing, vibrational
USE vibrational freezing

freight
USE cargo

freight, air
USE air cargo

freight costs

freighters

French Equatorial Congo
USE Congo (Brazzaville)

French Guiana

(French satellite), SPOT
USE SPOT (French satellite)

French satellites

French space program

Frenkel defects

freon

frequencies

frequencies, acoustic
USE acoustic frequencies

frequencies, audio
USE audio frequencies

frequencies, beat
USE beat frequencies

frequencies, carrier
USE carrier frequencies

frequencies, critical
USE critical frequencies

frequencies, extremely high
USE extremely high frequencies

frequencies, extremely low
USE extremely low frequencies

frequencies, extremely low radio
USE extremely low radio frequencies

frequencies, high
USE high frequencies

frequencies, infrasonic
USE infrasonic frequencies

frequencies, intermediate
USE intermediate frequencies

frequencies, ionization
USE ionization frequencies

frequencies, low
USE low frequencies

frequencies, microwave
USE microwave frequencies

frequencies (molecular), vibrational
USE vibrational spectra

frequencies, natural
USE resonant frequencies

frequencies, Nyquist
USE Nyquist frequencies

frequencies, plasma
USE plasma frequencies

frequencies, radio
USE radio frequencies

frequencies, resonant
USE resonant frequencies

frequencies, sound
USE acoustic frequencies

frequencies (structural), vibrational
USE resonant frequencies

frequencies, subaudible
USE subaudible frequencies

frequencies, superhigh
USE superhigh frequencies

frequencies, ultrahigh
USE ultrahigh frequencies

frequencies, ultralow
USE extremely low radio frequencies

frequencies, very high
USE very high frequencies

frequencies, very low
USE very low frequencies

frequency amplifiers, intermediate
USE intermediate frequency amplifiers

frequency analyzers

frequency assignment

frequency bands
USE frequencies

frequency bands, low
USE low frequency bands

frequency, Brunt-Vaisala
USE Brunt-Vaisala frequency

frequency compression demodulators

frequency control

frequency control, automatic
USE automatic frequency control

frequency conversion
USE frequency converters

frequency converters

frequency converters, parametric
USE parametric frequency converters

frequency, cyclotron
USE cyclotron frequency

frequency discharge, radio
USE radio frequency discharge

frequency discriminators

frequency distribution

frequency dividers

frequency division multiple access

frequency division multiplexing

frequency, flicker fusion
USE critical flicker fusion

frequency, gyro
USE gyrofrequency

frequency heating, radio
USE radio frequency heating

frequency hopping

frequency impedance probes, radio
USE radio frequency impedance probes

frequency interference, radio
USE radio frequency interference

frequency ion thruster engines, radio
USE RIT engines

frequency, maximum usable
USE maximum usable frequency

frequency measurement

frequency modulation

frequency modulation, feedback
USE feedback frequency modulation

frequency modulation photomultipliers

frequency modulation, pulse
USE pulse frequency modulation

frequency modulation telemetry, pulse
USE pulse frequency modulation telemetry

frequency multipliers

frequency noise, radio
USE electromagnetic noise

frequency pulling

frequency radar, dual
USE multispectral radar

frequency radar, multiple
USE multispectral radar

frequency radiation, radio
USE radio waves

frequency radio equipment, very high
USE very high frequency radio equipment

frequency ranges

frequency regulation
USE frequency control

frequency response

frequency reuse

frequency scanning

frequency shielding, radio
USE radio frequency shielding

frequency shift

frequency shift keying

frequency stability

(frequency stability), pulling
USE frequency pulling

frequency standards

frequency, sweep
USE sweep frequency

frequency synchronization

frequency synthesizers

frequency transionospheric satellites, low
USE low frequency transionospheric satellites

frequency translation
USE frequency converters

fresh water

Fresnel diffraction

Fresnel integrals

Fresnel lenses

Fresnel reflectors

Fresnel region

Fresnel-Kirchhoff integrals
USE Fresnel integrals

fretting

fretting corrosion

friction

friction coefficient
USE coefficient of friction

friction, coefficient of
USE coefficient of friction

friction drag

friction drag

friction, dry

USE dry friction

friction factor

friction, internal

USE internal friction

friction, kinetic

USE kinetic friction

friction loss coefficient

USE friction factor

friction measurement

friction pressure drop

USE skin friction

friction reduction

friction, skin

USE skin friction

friction, sliding

USE sliding friction

friction, static

USE static friction

friction welding

frictionless environments

Friedel-Craft reaction

friend or foe, identify

USE IFF systems (identification)

Friendship aircraft, Fokker

USE F-27 aircraft

Friendship 7

fringe multiplication

fringe patterns

USE diffraction patterns

fringes, Moire

USE Moire fringes

frit

Frog Otolith, Orbiting

USE Orbiting Frog Otolith

frogs

(from Earth), space observations

USE space observations (from Earth)

(from space), Earth observations

USE Earth observations (from space)

front deformation, wave

USE wave front deformation

front reconstruction, wave

USE wave front reconstruction

frontal areas (meteorology)

USE fronts (meteorology)

frontal waves

fronts

fronts, cold

USE cold fronts

fronts, flame

USE flame propagation

fronts (meteorology)

fronts, shock

USE shock fronts

fronts, warm

USE warm fronts

fronts, wave

USE wave fronts

fronts, weather

USE fronts (meteorology)

frost

frost damage

frost, perma

USE permafrost

frostbite

Froude number

frozen equilibrium flow

frozen foods

frozen soils

USE permafrost

fruits

(fruits), nuts

USE nuts (fruits)

frustration

frustums

(fuel), bunkers

USE bunkers (fuel)

fuel burnup, nuclear

USE nuclear fuel burnup

fuel capsules

fuel cell catalysts

USE electrocatalysts

fuel cell power plants

fuel cells

fuel cells, biochemical

USE biochemical fuel cells

fuel cells, hydrogen air

USE hydrogen oxygen fuel cells

fuel cells, hydrogen oxygen

USE hydrogen oxygen fuel cells

fuel cells, phosphoric acid

USE phosphoric acid fuel cells

fuel cells, regenerative

USE regenerative fuel cells

fuel combustion

fuel conservation

USE fuel consumption

fuel consumption

fuel contamination

fuel control

(fuel conversion), organic wastes

USE organic wastes (fuel conversion)

fuel corrosion

fuel elements, nuclear

USE nuclear fuel elements

fuel elements (nuclear reactors)

USE nuclear fuel elements

fuel flow

fuel flow regulators

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fuel gages

fuel gages, capacitive

USE capacitive fuel gages

(fuel), gasohol

USE gasohol (fuel)

fuel injection

fuel, JP-4 jet

USE JP-4 jet fuel

fuel, JP-5 jet

USE JP-5 jet fuel

fuel, JP-6 jet

USE JP-6 jet fuel

fuel, JP-8 jet

USE JP-8 jet fuel

fuel oils

fuel production

fuel production, hydrocarbon

USE hydrocarbon fuel production

fuel pumps

fuel reprocessing, nuclear

USE nuclear fuel reprocessing

fuel sprays

fuel systems

fuel systems, aircraft

USE aircraft fuel systems

(fuel systems), chokes

USE chokes (fuel systems)

fuel tank pressurization

fuel tanks

fuel tests

fuel valves

fuel-air ratio

fuelling

USE refueling

fuels

fuels, aircraft

USE aircraft fuels

fuels, antimisting

USE antimisting fuels

fuels, automobile

USE automobile fuels

fuels, ceramic nuclear

USE ceramic nuclear fuels

fuels, chemical

USE chemical fuels

fuels, clean

USE clean fuels

fuels, diesel

USE diesel fuels

fuels, endothermic

USE endothermic fuels

fuels, fissile

USE fissile fuels

fuels, fossil

USE fossil fuels

fuels, gaseous

USE gaseous fuels

fuels), HEF (high energy)
USE high energy fuels

fuels, high energy
USE high energy fuels

fuels, hydrocarbon
USE hydrocarbon fuels

fuels, hydrogen
USE hydrogen fuels

fuels, jet
USE jet engine fuels

fuels, jet engine
USE jet engine fuels

fuels, liquid
USE liquid fuels

fuels, metal
USE metal fuels

fuels, nuclear
USE nuclear fuels

fuels, reactor
USE nuclear fuels

fuels, spent
USE spent fuels

fuels, synthetic
USE synthetic fuels

Fujita method

full scale tests

fullerenes

fulminates

fumes

fumigation

function, Abel
USE Abel function

function, airy
USE airy function

function, delta
USE delta function

function, gamma
USE gamma function

function, Gauss
USE Gauss equation

function generators

function, heart
USE heart function

function, Lagrangian
USE Lagrangian function

function, Mathieu
USE Mathieu function

function, Maxwell-Boltzmann density
USE Maxwell-Boltzmann density function

function, modulation transfer
USE modulation transfer function

function, muscular
USE muscular function

function, optical transfer
USE optical transfer function

function, penalty
USE penalty function

function, Poisson density
USE Poisson density functions

function, renal
USE renal function

function space

function, Walsh
USE Walsh function

functional analysis

functional design specifications

functional integration

functionally gradient materials

functionals

functions

functions, analytic
USE analytic functions

functions, aperiodic
USE aperiodic functions

functions, Bessel
USE Bessel functions

functions, Boolean
USE Boolean functions

functions, characteristic
USE eigenvalues
eigenvectors

functions, composite
USE composite functions

functions, contralateral
USE contralateral functions

functions, correlation
USE correlation

functions, discrete
USE discrete functions

functions, discriminant
USE discriminant analysis (statistics)

functions, distribution
USE distribution functions

functions, disturbing
USE disturbing functions

functions, elliptic
USE elliptic functions

functions, entire
USE entire functions

functions, error
USE error functions

functions, exponential
USE exponential functions

functions (fluids), stream
USE stream functions (fluids)

functions, Green's
USE Green's functions

functions, Hamiltonian
USE Hamiltonian functions

functions, Hankel
USE Hankel functions

functions, harmonic
USE harmonic functions

functions, hyperbolic
USE hyperbolic functions

functions, hypergeometric
USE hypergeometric functions

functions, integral
USE entire functions

functions, kernel
USE kernel functions

functions, Laguerre
USE Laguerre functions

functions, Lamé
USE Lamé functions

functions, Legendre
USE Legendre functions

functions, Liapunov
USE Liapunov functions

functions, loop transfer
USE loop transfer functions

functions, Lyapunov
USE Liapunov functions

functions, mal
USE malfunctions

functions (mathematics)

functions, meromorphic
USE meromorphic functions

functions, monotone
USE monotone functions

functions, normal density
USE normal density functions

functions, orthogonal
USE orthogonal functions

functions, orthonormal
USE orthonormal functions

functions, parenteral
USE parenteral functions

functions, periodic
USE periodic functions

functions, point spread
USE point spread functions

functions, Poisson density
USE Poisson density functions

functions, probability density
USE probability density functions

functions, probability distribution
USE probability distribution functions

functions, pulmonary
USE pulmonary functions

functions, ramp
USE ramp functions

functions, rational
USE rational functions

functions, recursive
USE recursive functions

functions, scattering
USE scattering functions

functions, shape
USE shape functions

functions, space-time
USE space-time functions

functions, spline
USE spline functions

functions, step
USE step functions

functions, stress
USE stress functions

functions, time

functions, time

USE time functions

functions, transcendental

USE transcendental functions

functions, transfer

USE transfer functions

functions, trigonometric

USE trigonometric functions

functions, wave

USE wave functions

functions, Weibull density

USE Weibull density functions

functions, Weierstrass

USE Weierstrass functions

functions, weighting

USE weighting functions

functions, Whittaker

USE Whittaker functions

functions, work

USE work functions

fungal diseases

fungi

fungi, rust

USE rust fungi

fungicides

funnels

uran resins

furans

furfuryl alcohol

furlable antennas

furnaces

furnaces, electric

USE electric furnaces

furnaces, image

USE image furnaces

furnaces, solar

USE solar furnaces

furnaces, vacuum

USE vacuum furnaces

fuselage mounting

USE aircraft production

fuselage stores, wing-

USE wing-fuselage stores

fuselages

fuses

fuses, electric

USE electric fuses

fuses (ordnance)

fusibility

fusiform shapes

USE cones

fusion

fusion, controlled

USE controlled fusion

fusion, critical flicker

USE critical flicker fusion

fusion frequency, flicker

USE critical flicker fusion

fusion heat

USE heat of fusion

fusion, heat of

USE heat of fusion

fusion, impact

USE impact fusion

fusion, inertial confinement

USE inertial confinement fusion

fusion, laser

USE laser fusion

fusion, latent heat of

USE heat of fusion

fusion (melting)

fusion, mirror

USE mirror fusion

fusion, nuclear

USE nuclear fusion

fusion (reactor), inertial

USE inertial fusion (reactor)

fusion reactors

(fusion reactors), blankets

USE blankets (fusion reactors)

(fusion reactors), limiters

USE limiters (fusion reactors)

fusion, trans

USE transfusion

fusion weapons

fusion welding

fusion-fission hybrid reactors

fuzzy sets

fuzzy systems

FV-12A aircraft

F4H aircraft

USE F-4 aircraft

F8U aircraft

USE F-8 aircraft

F9F aircraft

USE F-9 aircraft

G

g ACPL (Spacelab), zero-

USE Atmospheric Cloud Physics Lab (Spacelab)

G force

USE acceleration (physics)

G, IMP-

USE Explorer 41 satellite

G, OSO-

USE OSO-6

G satellite, NOAA

USE NOAA 10 satellite

G satellite, TIROS

USE TIROS 7 satellite

G space probe, Pioneer

USE Pioneer 11 space probe

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G, Space Shuttle mission 41-

USE Space Shuttle mission 41-G

G, Space Shuttle mission 51-

USE Space Shuttle mission 51-G

G stars

G, vitamin

USE riboflavin

G-1 aircraft

G-1 aircraft, Navion

USE G-1 aircraft

G-91 aircraft

G-91 aircraft, Flat

USE G-91 aircraft

G-95/4 aircraft

G-95/4 aircraft, Flat

USE G-95/4 aircraft

G-222 aircraft

G-222 aircraft, Flat

USE G-222 aircraft

GA

USE Georgia

Ga

USE gallium

(GA), Atlanta

USE Atlanta (GA)

(GA-NC-SC), Sand Hills Region

USE Sand Hills Region (GA-NC-SC)

GA-5 aircraft

GA-5 aircraft, Gloster

USE GA-5 aircraft

gabbro

Gabon

gadolinium

gadolinium alloys

gadolinium isotopes

gadolinium-gallium garnet

gage accelerometers, strain

USE strain gage accelerometers

gage balances, strain

USE strain gage balances

gages

USE measuring instruments

gages, Bayard-Alpert ionization

USE Bayard-Alpert ionization gages

gages, bombs (pressure

USE pressure gages

gages, capacitive fuel

USE capacitive fuel gages

gages, fuel

USE fuel gages

gages, ion

USE ionization gages

gages, ionization

USE ionization gages

gages, Knudsen

USE Knudsen gages

gages, Mcleod
USE Mcleod gages

gages, Penning
USE Penning gages

gages, Philips ionization
USE Philips ionization gages

gages, piezoelectric
USE piezoelectric gages

gages, Pirani
USE Pirani gages

gages, pressure
USE pressure gages

gages, rain
USE rain gages

gages, sputtering
USE sputtering gages

gages, strain
USE strain gages

gages, thermal conductivity
USE thermal conductivity gages

gages, vacuum
USE vacuum gages

Gala hypothesis

gain (amplification)
USE amplification

gain control, automatic
USE automatic gain control

gain, heat
USE heating

gain, high
USE high gain

gain, power
USE power gain

galactic bulge

galactic cluster, Virgo
USE Virgo galactic cluster

galactic clusters

galactic cosmic rays

galactic evolution

galactic halos

galactic magnetic fields
USE interstellar magnetic fields

galactic mass

galactic nuclei

galactic nuclei, active
USE active galactic nuclei

galactic radiation

Galactic Radiation Exp Background sats
USE GREB satellites

galactic radio waves

galactic rotation

galactic structure

galactose

galaxies

galaxies, active
USE active galaxies

galaxies, barred
USE barred galaxies

(galaxies), central bulge
USE galactic bulge

galaxies, compact
USE compact galaxies

galaxies, disk
USE disk galaxies

galaxies, dwarf
USE dwarf galaxies

galaxies, elliptical
USE elliptical galaxies

galaxies, interacting
USE interacting galaxies

galaxies, irregular
USE irregular galaxies

galaxies, Maffei
USE Maffei galaxies

galaxies, Markarian
USE Markarian galaxies

(galaxies), nuclear bulge
USE galactic bulge

galaxies, peculiar
USE peculiar galaxies

galaxies, radio
USE radio galaxies

galaxies, ring
USE ring galaxies

galaxies, Seyfert
USE Seyfert galaxies

galaxies, shell
USE shell galaxies

galaxies, spiral
USE spiral galaxies

galaxies, starburst
USE starburst galaxies

Galaxy aircraft
USE C-5 aircraft

Galaxy, Andromeda
USE Andromeda Galaxy

galaxy groups
USE galactic clusters

galaxy interaction
USE interacting galaxies

Galaxy, Milky Way
USE Milky Way Galaxy

Galerkin method

Galilean satellites

Galileo mission
USE Galileo project

Galileo probe

Galileo project

Galileo spacecraft

gall

gallamine triethiodide

gallates

gallates, sodium
USE sodium gallates

gallery modes, whispering
USE whispering gallery modes

gallium

gallium alloys

gallium antimonides

gallium arsenide lasers

gallium arsenide lasers, aluminum
USE aluminum gallium arsenide lasers

gallium arsenides

gallium arsenides, aluminum
USE aluminum gallium arsenides

gallium arsenides, indium
USE indium gallium arsenides

gallium compounds

gallium garnet, gadolinium-
USE gadolinium-gallium garnet

gallium isotopes

gallium nitrides

gallium oxides

gallium phosphides

gallium selenides

galvanic cells
USE electrolytic cells

galvanic skin response

galvanizing
USE zinc coatings

galvanomagnetic effects

galvanomagnetism
USE galvanomagnetic effects

galvanometers

Gambia

game theory

(game theory), saddle points
USE saddle points (game theory)

games, war
USE war games

gametocytes

gamma function

gamma globulin

gamma line, H
USE H gamma line

gamma radiation
USE gamma rays

gamma ray absorptiometry

gamma ray absorption

gamma ray astronomy

Gamma Ray Astronomy Explorer
USE Explorer 11 satellite

gamma ray beams

gamma ray bursts

gamma ray bursts, cosmic
USE gamma ray bursts

gamma ray lasers

gamma ray lasers

Gamma Ray Observatory

gamma ray spectra

gamma ray spectrometers

gamma ray telescopes

gamma rays

ganglia

gantries

USE gantry cranes

gantry cranes

Ganymede

gap, miscibility

USE miscibility gap

GAP (propellants)

USE glycidyl azide polymer

gaps

gaps (geology)

gaps (solid state), energy

USE energy gaps (solid state)

gaps, spark

USE spark gaps

garbage

garments

garnet, gadolinium-gallium

USE gadolinium-gallium garnet

(garnet), GGG

USE gadolinium-gallium garnet

(garnet), YAG

USE yttrium-aluminum garnet

(garnet), YIG

USE yttrium-iron garnet

garnet, yttrium-aluminum

USE yttrium-aluminum garnet

garnet, yttrium-iron

USE yttrium-iron garnet

garnets

GARP

USE Global Atmospheric Research Program

GARP Atlantic Tropical Experiment

gas analysis

gas atomization

gas bags

gas bearings

gas chromatography

gas, cold

USE cold gas

gas composition

gas compounds, rare

USE rare gas compounds

gas, compressed

USE compressed gas

gas cooled fast reactors

gas cooled reactors

gas cooled reactors, experimental

USE experimental gas cooled reactors

gas cooled reactors, high temperature

USE high temperature gas cooled reactors

gas cooling

gas density

gas detectors

gas diffusion

USE gaseous diffusion

gas discharge counters

USE gas discharge tubes
counters

gas discharge tubes

gas discharges

gas dissociation

gas dynamics

gas dynamics, rarefied

USE rarefied gas dynamics

gas, electron

USE electron gas

gas evacuating

USE evacuating (vacuum)

gas evolution

gas exchange

gas expansion

Gas Experiment, Stratospheric Aerosol &

USE SAGE satellite

gas exploration, natural

USE natural gas exploration

gas explosions

gas flow

(gas flow), draft

USE draft (gas flow)

gas generator engines

USE gas generators
engines

gas generators

gas giant planets

gas, gray

USE gray gas

gas guns

gas guns, light

USE light gas guns

gas heating

gas, ideal

USE ideal gas

gas injection

gas interactions, gas-

USE gas-gas interactions

gas interactions, ion-

USE gas-ion interactions

gas, interplanetary

USE interplanetary gas

gas, interstellar

USE interstellar gas

gas ionization

NASA THESAURUS VOLUME 2

gas jets

gas lasers

gas, Lennard-Jones

USE Lennard-Jones gas

gas liquefaction

USE condensing

gas, liquefied natural

USE liquefied natural gas

gas, Lorentz

USE Lorentz gas

gas lubricants

gas lubricated bearings

USE gas bearings

gas masers

gas meters

gas mixtures

gas mixtures, detonable

USE detonable gas mixtures

gas mixtures, liquid-

USE liquid-gas mixtures

gas model, Lighthill

USE Lighthill gas model

gas, natural

USE natural gas

gas, nongray

USE nongray gas

gas path analysis

gas, perfect

USE ideal gas

gas phases

USE vapor phases

gas pipes

gas pockets

gas pressure

gas reactors

gas recovery

gas, residual

USE residual gas

gas spectroscopy

gas streams

gas systems, hot

USE high temperature gases

gas systems, metal-

USE metal-gas systems

gas temperature

gas transport

gas tubes

gas tungsten arc welding

gas turbine engines

gas turbines

gas valves

gas viscosity

gas welding

gas welding, tungsten inert
USE gas tungsten arc welding

gas-gas interactions

gas-halide lasers, rare
USE rare gas-halide lasers

gas-ion interactions

gas-liquid interactions

gas-metal interactions

gas-solid interactions

gas-solid interfaces

gasdynamic lasers

gaseous cavitation
USE gas flow
cavitation flow

gaseous diffusion

gaseous fission reactors

gaseous fuels

gaseous rocket propellants

gaseous self-diffusion

gases

gases, atomic
USE monatomic gases

gases, coal derived
USE coal derived gases

gases, cosmic
USE cosmic gases

gases, diatomic
USE diatomic gases

gases, dissolved
USE dissolved gases

gases, exhaust
USE exhaust gases

gases, explosive
USE flammable gases

gases, flammable
USE flammable gases

gases, flue
USE flue gases

gases, high temperature
USE high temperature gases

gases, hot
USE high temperature gases

gases, inert
USE rare gases

gases, ionized
USE ionized gases

gases, liquefied
USE liquefied gases

gases, low density
USE rarefied gases

gases, molecular
USE molecular gases

gases, monatomic
USE monatomic gases

gases, neutral
USE neutral gases

gases, noble
USE rare gases

gases, noncondensable
USE noncondensable gases

gases, nonpolar
USE nonpolar gases

gases, polar
USE polar gases

gases, polyatomic
USE polyatomic gases

gases, rare
USE rare gases

gases, rarefied
USE rarefied gases

gases, real
USE real gases

gases, solidified
USE solidified gases

gasification

gasification, coal
USE coal gasification

gaskets

gasohol (fuel)

gasoline

GASP
USE global air sampling program

gassing, de
USE degassing

gassing, off
USE offgassing

gassing, out
USE outgassing

gastrointestinal system

GATE (experiment)
USE GARP Atlantic Tropical Experiment

gates

gates (circuits)

gates (openings)

gates, OR-
USE gates (circuits)

gates, threshold
USE threshold gates

gauge invariance

gauge theory

Gauss equation

Gauss function
USE Gauss equation

Gauss-Markov theorem

Gaussian control, linear quadratic
USE linear quadratic Gaussian control

Gaussian distributions
USE normal density functions

Gaussian elimination

Gaussian noise
USE random noise

Gaussmeters
USE magnetometers

gauze

GAW-1 airfoil

GAW-2 airfoil

GC-130 aircraft
USE C-130 aircraft

GCR (reactors)
USE gas cooled reactors

Gd
USE gadolinium

GDOP
USE geometric dilution of precision

Ge
USE germanium

GE computers

GE 625 computer

GE 635 computer

GE-1 engine, XJ-79-
USE J-79 engine

GE-3 engine, YJ-73-
USE J-73 engine

GE-3 engine, YJ-93-
USE J-93 engine

GE-8B engine, T-58-
USE T-58-GE-8B engine

gear

gear, arresting
USE arresting gear

gear, landing
USE landing gear

gear, retractable landing
USE landing gear
retractable equipment

gear teeth

gears

(gears), racks
USE racks (gears)

gegenschein

gehlenite

Geiger counters

Geiger-Mueller tubes
USE Geiger counters

gel permeation chromatography
USE liquid chromatography

gel processes, sol-
USE sol-gel processes

gel, silica
USE silica gel

gelatins

gelation

gelled propellants

gelled rocket propellants

gels

gels, aero
USE aerogels

Gemini B spacecraft

Gemini flights

Gemini flights

Gemini (GT-1) spacecraft

Gemini project

Gemini spacecraft

Gemini 2 spacecraft

Gemini 3 flight

Gemini 4 flight

Gemini 5 flight

Gemini 6 flight

Gemini 7 flight

Gemini 8 flight

Gemini 9 flight

Gemini 10 flight

Gemini 11 flight

Gemini 12 flight

Geminid meteoroids

gene expression

gene regulation
USE gene expression

general aviation aircraft

General Aviation Whitcomb airfoil
USE GAW-1 airfoil
GAW-2 airfoil

General Circulation Experiment, Atmospheric
USE Atmospheric General Circulation Experiment

General Circulation Models, Atmospheric
USE Atmospheric General Circulation Models

general circulation models (atmospheric)
USE Atmospheric General Circulation Models

General Dynamics aircraft

General Electric computers
USE GE computers

general overviews

generalization (psychology)

generated electromagnetic pulses, system
USE system generated electromagnetic pulses

generation

generation, combined cycle power
USE combined cycle power generation

generation, heat
USE heat generation

generation (mathematics), grid
USE grid generation (mathematics)

generation (mathematics), mesh
USE grid generation (mathematics)

generation, mesh
USE computational grids

generation, nuclear electric power
USE nuclear electric power generation

generation, nuclear power
USE nuclear electric power generation

generation, plasma
USE plasma generators

generation, solar power
USE solar generators

generation, thermionic power
USE thermionic power generation

generation, thermoelectric power
USE thermoelectric power generation

generation, thermonuclear power
USE thermonuclear power generation

generation, vortex
USE vortex generators

generation, wave
USE wave generation

generations, harmonic
USE harmonic generations

generator, ASTEC solar turboelectric
USE ASTEC solar turboelectric generator

generator engines, gas
USE gas generators
engines

generators

generators, AC
USE AC generators

generators, acoustic
USE sound generators

generators, alternating current
USE AC generators

(generators), alternators
USE AC generators

generators, arc
USE arc generators

generators, cavity vapor
USE cavity vapor generators

generators, colloidal
USE colloidal generators

generators, DC
USE DC generators

generators, direct current
USE DC generators

generators, direct power
USE direct power generators

generators, electric
USE electric generators

generators, electrostatic
USE electrostatic generators

generators, function
USE function generators

generators, gas
USE gas generators

generators, Hall
USE Hall generators

generators, harmonic
USE harmonic generators

generators, homopolar
USE homopolar generators

generators, impulse
USE impulse generators

generators, magnetohydrodynamic
USE magnetohydrodynamic generators

generators, Nernst
USE thermomagnetic cooling

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generators, noise
USE noise generators

generators, optical
USE laser cavities

generators, photoelectric
USE photoelectric generators

generators, plasma
USE plasma generators

generators, power
USE electric generators

generators, pulse
USE pulse generators

generators, quantum
USE stimulated emission devices

generators, report
USE report generators

generators, rotating
USE rotating generators

generators, shock wave
USE shock wave generators

generators, signal
USE signal generators

generators, solar
USE solar generators

generators, sound
USE sound generators

generators, steam
USE boilers

generators, subharmonic
USE subharmonic generators

generators, test pattern
USE test pattern generators

generators, thermoelectric
USE thermoelectric generators

generators, tide powered
USE tide powered generators

generators, turbo
USE turbogenerators

generators, vapor
USE vaporizers

generators, voltage
USE voltage generators

generators, vortex
USE vortex generators

generators, windpowered
USE windpowered generators

genes

genesis, abio
USE abiogenesis

genesis, cyclo
USE cyclogenesis

genesis, cyto
USE cyto genesis

genesis, lyso
USE lysogenesis

genesis, spermato
USE spermatogenesis

genetic algorithms

genetic code

genetic engineering

- genetics**
- Genie rocket vehicle**
- genitourinary system**
- GEO environments**
USE Earth orbital environments
- geostrophysics**
USE astrophysics
- geobotany**
- geocentric coordinates**
- geochemistry**
- geochemistry, bio**
USE biogeochemistry
- geochronology**
- geocoronal emissions**
- geocyclotrons**
- geodesic lines**
- geodesy**
- geodesy, celestial**
USE celestial geodesy
- Geodesy Experiment, International Satellite**
USE International Satellite Geodesy Experiment
- geodetic accuracy**
- geodetic coordinates**
- geodetic satellites**
- geodetic surveys**
- Geodimeters**
- Geodynamic Experimental Ocean Satellite**
USE GEOS-D satellite
- Geodynamic Satellite, Laser**
USE LAGEOS (satellite)
- geodynamics**
- geoelectricity**
- geofabrics**
USE geotechnical fabrics
- geofractures**
USE geological faults
- geographic applications program**
- geographic information systems**
- geography**
- geoids**
- GEOLE satellites**
- geological faults**
- geological surveys**
- geology**
- (geology), beds**
USE beds (geology)
- (geology), contacts**
USE contacts (geology)
- (geology), crossbedding**
USE crossbedding (geology)
- (geology), dikes**
USE rock intrusions
- (geology), domes**
USE domes (geology)
- (geology), fissures**
USE fissures (geology)
- (geology), folds**
USE folds (geology)
- (geology), gaps**
USE gaps (geology)
- geology, hydro**
USE hydrogeology
- (geology), kettles**
USE kettles (geology)
- geology, lunar**
USE lunar geology
- (geology), metamorphism**
USE metamorphism (geology)
- (geology), outlets**
USE estuaries
- geology, photo**
USE photogeology
- geology, planetary**
USE planetary geology
- (geology), polar wandering**
USE polar wandering (geology)
- geology, radar**
USE radar geology
- (geology), scars**
USE erosion
- (geology), shields**
USE bedrock
- (geology), sinks**
USE structural basins
- (geology), splits**
USE geological faults
- (geology), structural properties**
USE structural properties (geology)
- (geology), subduction**
USE subduction (geology)
- geomagnetic anomalies**
USE magnetic anomalies
- geomagnetic crotchets**
USE sudden ionospheric disturbances
- geomagnetic effects**
USE magnetic effects
- geomagnetic equator**
USE magnetic equator
- geomagnetic field**
USE geomagnetism
- geomagnetic hollow**
- geomagnetic latitude**
- geomagnetic micropulsations**
- geomagnetic pulsations**
- geomagnetic storms**
USE magnetic storms
- geomagnetic tail**
- geomagnetically trapped particles**
USE radiation belts
- geomagnetism**
- geometric accuracy**
- geometric dilution of precision**
- geometric rectification (imagery)**
- geometrical acoustics**
- geometrical hydromagnetics**
USE magnetohydrodynamics
- geometrical optics**
- geometrical theory of diffraction**
- geometrodynamics**
USE relativity
- geometry**
- geometry, analytic**
USE analytic geometry
- (geometry), angles**
USE angles (geometry)
- geometry, Bose**
USE Bose geometry
- (geometry), chords**
USE chords (geometry)
- (geometry), circles**
USE circles (geometry)
- geometry, computational**
USE computational geometry
- geometry, crack**
USE crack geometry
- (geometry), curves**
USE curves (geometry)
- geometry, descriptive**
USE descriptive geometry
- geometry, differential**
USE differential geometry
- geometry, duct**
USE duct geometry
- geometry, Euclidean**
USE Euclidean geometry
- geometry, flow**
USE flow geometry
- geometry language, coordinate**
USE COGO (programming language)
- (geometry), lines**
USE lines (geometry)
- geometry (mechanics), hole**
USE hole geometry (mechanics)
- geometry, nonEuclidian**
USE differential geometry
- geometry, nozzle**
USE nozzle geometry
- geometry, projective**
USE projective geometry
- geometry, specimen**
USE specimen geometry
- geometry structures, variable**
USE variable geometry structures
- geometry, surface**
USE surface geometry
- geometry, tank**
USE tank geometry
- geomorphology**
- Geon (trademark)**
USE polyvinyl chloride

geophysical fluid flow cells

geophysical fluid flow cells

geophysical fluids

geophysical observatories

Geophysical Observatory, Eccentric
USE EGO

Geophysical Observatory, Eccentric Orbit
USE EGO

Geophysical Observatory, Orbiting
USE OGO

Geophysical Observatory, Polar Orbit
USE POGO

geophysical satellites

(geophysical year), IGY
USE International Geophysical Year

Geophysical Year, International
USE International Geophysical Year

geophysics

geopotential

geopotential height

Geopotential Research Mission

geopressure

Georgia

Georgia (Eurasia)

GEOS satellites (ESA)

GEOS satellites (ESRO)
USE GEOS satellites (ESA)

GEOS 1 satellite

GEOS 2 satellite

GEOS 3 satellite

GEOS-B satellite
USE GEOS 2 satellite

GEOS-C satellite
USE GEOS 3 satellite

GEOS-D satellite

Geosari project

Geosat satellites

Geoscience Climatology Orbiter, Mars
USE Mars Observer

geosphere
USE lithosphere

Geosphere-Biosphere program, International
USE International Geosphere-Biosphere program

Geostationary Operational Environ Sats
USE GOES satellites

Geostationary Operatl Environ Satellite B
USE GOES 2

geostationary platforms
USE synchronous platforms

geostationary satellites
USE synchronous satellites

geostrophic wind

Geosynchronous Earth Orbital Environments
USE Earth orbital environments

geosynchronous orbits

geosynclines

geotechnical engineering

geotechnical fabrics

geotemperature

geotextiles
USE geotechnical fabrics

geothermal anomalies

geothermal energy conversion

geothermal energy extraction

geothermal energy utilization

geothermal resources

geothermal technology

geothermometry
USE geotemperature

geotropism

GEP telescopes
USE particle telescopes

Gerdien arc heaters
USE arc heating
heating equipment

Gerdien condensers

geriatrics

German Democratic Republic
USE East Germany

German Infrared Laboratory

German space program

germanates

germanates, magnesium
USE magnesium germanates

germanides

germanides, magnesium
USE magnesium germanides

germanium

germanium alloys

germanium antimonides

germanium chlorides

germanium compounds

germanium compounds, organic
USE organic germanium compounds

germanium diodes

germanium isotopes

germanium oxides

germanium rectifiers
USE germanium diodes

Germany

Germany, East
USE East Germany

Germany, Federal Republic of
USE West Germany

Germany, Peoples Democratic Republic of
USE East Germany

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Germany, West
USE West Germany

germicides
USE bactericides

germination

germinators
USE phytotrons

gerontology

GERT

Gestalt theory

Get Away Specials (STS)

GETOL aircraft

getters

geysers

GGG (garnet)
USE gadolinium-gallium garnet

Ghana

ghosts

Giacobini-Zinner comet

giant branch stars, asymptotic
USE asymptotic giant branch stars

giant planets, gas
USE gas giant planets

giant stars

giant stars, red
USE red giant stars

gibberellins

Gibbs adsorption equation

Gibbs equations

Gibbs free energy

Gibbs phenomenon

Gibbs-Helmholtz equations

Gibraltar

gimbaleless inertial navigation

gimbals

Ginga satellite

Ginzburg equations, Landau-
USE Landau-Ginzburg equations

Giotto mission

girder webs

girders

girdles

glacial drift

glaciation, cloud
USE cloud glaciation

glaciers

glaciers, active
USE glaciers

glaciers, advancing
USE glaciers

glaciofluvial deposits
USE glacial drift

glaciology

gland, adrenal
USE adrenal gland

gland, parathyroid
USE parathyroid gland

gland, parotid
USE salivary glands

gland, pineal
USE pineal gland

gland, pituitary
USE pituitary gland

gland, prostate
USE prostate gland

gland, thymus
USE thymus gland

gland, thyroid
USE thyroid gland

glands

glands (anatomy)

glands, endocrine
USE endocrine glands

glands, mammary
USE mammary glands

glands, salivary
USE salivary glands

glands (seals)

glands, sebaceous
USE sebaceous glands

glands, sex
USE sex glands

glare

glass

glass, borosilicate
USE borosilicate glass

glass coatings

glass, E
USE E glass

glass electrodes

glass fiber reinforced plastics

glass fibers

glass lasers

glass, obsidian
USE obsidian glass

glass, S
USE S glass

glass, silica
USE silica glass

glass, spin
USE spin glass

glass transition temperature

glasses, metallic
USE metallic glasses

glasses, sun
USE sunglasses

glassware

glassy carbon

Glauber theory

glaucoma

Glauert coefficient
USE Mach number
aerodynamic forces

glazes

glide angles
USE glide paths

glide landings

glide paths

glide slopes
USE glide paths

glider, Dyna-Soar space
USE X-20 aircraft

gliders

gliders, ASSET
USE ASSET gliders

gliders, hang
USE hang gliders

gliders, hypersonic
USE hypersonic gliders

gliders, inflatable
USE inflatable gliders

gliders, para
USE paragliders

gliders, reentry
USE lifting reentry vehicles

gliders, space
USE lifting reentry vehicles

gliding

Glimm method

glint

global air pollution

global air sampling program

Global Atmospheric Research Program

Global Communications Antenna Grid (navy)
USE Seafarer project

global ocean station systems, integrated
USE integrated global ocean station systems

global positioning system

global tracking network

global warming

globes

globular clusters

globules

globulin, gamma
USE gamma globulin

globulins

glomerulus

glossaries
USE dictionaries

glossaries, space
USE space glossaries

Gloster GA-5 aircraft
USE GA-5 aircraft

GLOTRAC (tracking network)
USE global tracking network

glottis

gloves

glow
USE luminescence

glow, air
USE airglow

glow, cathode
USE cathode glow

glow, day
USE dayglow

glow discharges

glow, shuttle
USE spacecraft glow

glow, spacecraft
USE spacecraft glow

glow, twilight
USE twilight glow

glows, after
USE afterglows

glucose

glucosides

glues

gluons

glutamates

glutamic acid

glutamine

glutathione

glycerides

glycerin, nitro
USE nitroglycerin

glycerins
USE glycerols

glycerols

glycidyl azide polymer

glycine

glycogens

glycols

glycolysis

glycosides
USE glucosides

gneiss

gnomonic projection

gnotobiotics

GNP
USE gross national product

goal theory

goals

goats

Gobi desert

Gobi desert

Goddard experiment package telescope
USE particle telescopes

Goddard trajectory determination system

Goertler instability

Goertler instability, Taylor-
USE Goertler instability

GOES satellites

GOES 1

GOES 2

GOES 3

GOES 4

GOES 5

GOES 6

GOES 7

goggles

Golay detector cells

gold

gold alloys

gold coatings

gold isotopes

gold plate
USE gold coatings

gold 198

Gompertz curves

gonads

gondolas

goniometers

goniometers, photo
USE photogoniometers

goniometers, radio
USE radiogoniometers

goodness of fit

Goose missile, Blue
USE Blue Goose missile

Gordan coefficients, Clebsch-
USE Clebsch-Gordan coefficients

Gordon equation, Klein-
USE Klein-Gordon equation

gores

gorges
USE canyons

GOSS (support system)
USE ground operational support system

government procurement

government/industry relations

governments

governors
USE speed regulators

Graaff accelerators, Van de
USE Van de Graaff accelerators

grabens
USE geological faults

grade

gradient aircraft, steep
USE V/STOL aircraft

gradient index optics

gradient materials, functionally
USE functionally gradient materials

gradient method, conjugate
USE conjugate gradient method

gradient satellites, gravity
USE gravity gradient satellites

gradients

gradients, potential
USE potential gradients

gradients, pressure
USE pressure gradients

gradients, temperature
USE temperature gradients

gradiometers

gradiometers, gravity
USE gravity gradiometers

graduation
USE calibrating

Graeff calculus

grafting

grafts, skin
USE skin grafts

grain boundaries

grain size

grains

grains (food)

grains, propellant
USE propellant grains

grammars

Grand Canyon (AZ)

Grand Tours

grand unified theory

Grande (North America), Rio
USE Rio Grande (North America)

granite

grants

granular materials

granulation, solar
USE solar granulation

graph theory

graphic arts

graphic evaluation and review techniques
USE GERT

graphical user interface

graphics, computer
USE computer graphics

graphics, interactive
USE computer graphics

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graphite

graphite composites, aluminum
USE aluminum graphite composites

graphite, pyrolytic
USE pyrolytic graphite

graphite reactors, sodium
USE sodium graphite reactors

graphite-epoxy composites

graphite-polyimide composites

graphitization

graphoepitaxy

graphology

graphs, bond
USE bond graphs

graphs (charts)

graphs, flow
USE flow graphs

graphs, signal flow
USE signal flow graphs

Grashof number

Grass-Krook model, Bhatnagar-
USE BGK model

grasses

grasses, sea
USE sea grasses

grasshoppers

grasslands

Grassmann algebra
USE vector spaces

grating, interference
USE interference grating

gratings

gratings, diffraction
USE gratings (spectra)

gratings, echelette
USE echelette gratings

gratings, echelle
USE echelle gratings

gratings (spectra)

grapel

gravel deposits
USE gravels

gravels

gravimeters

gravimetry

gravimetry, thermal
USE thermogravimetry

gravimetry, thermo
USE thermogravimetry

gravireceptors

gravitation

gravitation, Earth
USE Earth gravitation

gravitation, lunar
USE lunar gravitation

- gravitation, planetary**
USE planetary gravitation
- gravitation, solar**
USE solar gravitation
- gravitation, stellar**
USE stellar gravitation
- gravitation theory**
- gravitational collapse**
- gravitational constant**
- gravitational effects**
- gravitational effects, lunar**
USE lunar gravitational effects
- gravitational fields**
- gravitational lenses**
- gravitational physiology**
- gravitational potential**
USE gravitational fields
- gravitational radiation**
USE gravitational waves
- gravitational wave antennas**
- gravitational waves**
- gravitinos**
- gravitons**
- gravitropism**
- gravity**
USE gravitation
- gravity (acceleration), high**
USE high gravity environments
- gravity anomalies**
- gravity, anti**
USE antigravity
- gravity, artificial**
USE artificial gravity
- gravity assist trajectories**
USE swingby technique
- gravity, center of**
USE center of gravity
- gravity environments, high**
USE high gravity environments
- gravity gradient satellites**
- gravity gradiometers**
- gravity, low**
USE microgravity
- gravity manufacturing, low**
USE low gravity manufacturing
- gravity meters**
USE gravimeters
- gravity, micro**
USE microgravity
- Gravity Probe B**
- gravity, reduced**
USE microgravity
- Gravity Simulator, Lunar**
USE Lunar Gravity Simulator
- gravity, specific**
USE density (mass/volume)
- gravity, super**
USE supergravity
- gravity waves**
- gravity, zero**
USE weightlessness
- Gravsat satellites**
USE Geopotential Research Mission
- gray gas**
- gray scale**
- grazing**
- grazing flow**
- grazing incidence**
- Grazing Incidence Solar Telescope**
USE GRIST (telescope)
- grazing incidence telescopes**
- grazing lands**
USE grasslands
- greases**
- Great Basin (US)**
- Great Britain**
USE United Kingdom
- great circles**
- Great Lakes, International Field Year for**
USE international Field Year for Great Lakes
- Great Lakes (North America)**
- Great Plains Corridor (North America)**
- Great Salt Lake (UT)**
- Great Smoky Mountains (NC-TN)**
- GREB satellites**
- Greece**
- Greek space program**
- green algae, blue**
USE blue green algae
- Green theorem**
USE Green's functions
- green wave effect**
- Green's functions**
- Green's theorem**
USE Green's functions
- greenhouse effect**
- greenhouses**
- Greenland**
- Gregorian antennas**
- Grenada**
- grenades**
- grid generation (mathematics)**
- grid lenses, wire**
USE wire grid lenses
- Grid (navy), Global Communications Antenna**
USE Seafarer project
- grid (navy), underground radio antenna**
USE Seafarer project
- ground effect machine, Westland SR-N2**
- grids**
- grids, computational**
USE computational grids
- grids (mathematics)**
USE computational grids
- grids, tube**
USE tube grids
- Griffith crack**
- Griffon aircraft**
USE Nord 1500 aircraft
- Grigg-Skjellerup comet**
- Grignard reactions**
- grinding**
- grinding (comminution)**
- grinding, electrolytic**
USE electrochemical machining
- grinding machines**
- grinding machines, ultrasonic**
USE ultrasonic machining
- grinding (material removal)**
- grinding, metal**
USE metal grinding
- grinding mills**
- GRIST (telescope)**
- grit**
- grooves**
- grooves, V**
USE V grooves
- grooving**
- gross national product**
- ground based control**
- (ground based), space surveillance**
USE space surveillance (ground based)
- ground clouds**
USE exhaust clouds
- ground communication, ground-air**
USE ground-air-ground communication
- ground crews**
- ground effect (aerodynamics)**
- ground effect (communications)**
- ground effect machine, Cushioncraft**
USE Cushioncraft ground effect machine
- ground effect machine, DTMB-111**
USE ground effect machines
- ground effect machine, DTMB-430**
USE ground effect machines
- ground effect machine, SR-N2**
USE Westland ground effect machines
- ground effect machine, SR-N3**
USE Westland ground effect machines
- ground effect machine, SR-N5**
USE Westland ground effect machines
- ground effect machine, Westland SR-N2**
USE Westland ground effect machines

ground effect machine, Westland SR-N3

ground effect machine, Westland SR-N3
USE Westland ground effect machines

ground effect machine, Westland SR-N5
USE Westland ground effect machines

ground effect machines

ground effect machines, HD-1
USE hovercraft ground effect machines

ground effect machines, hovercraft
USE hovercraft ground effect machines

ground effect machines, Westland
USE Westland ground effect machines

ground handling

ground operational support system

ground resonance

ground speed

ground squirrels

ground state

ground stations

ground support equipment

ground support, satellite
USE satellite ground support

ground support systems

ground tests

ground tracks

ground tracks, satellite
USE satellite ground tracks

ground truth

ground water

ground wave propagation

ground wind

ground-air-ground communication

ground-to-air missiles
USE surface to air missiles

grounding, electrical
USE electrical grounding

groundwater
USE ground water

group (astronomy), local
USE local group (astronomy)

group behavior
USE group dynamics

group, carboxyl
USE carboxyl group

group dynamics

group methods, renormalization
USE renormalization group methods

group theory

group, transponder control
USE transponder control group

group velocity

Group 1A compounds
USE alkali metal compounds

Group 1B compounds

Group 2A compounds
USE alkaline earth compounds

Group 2B compounds

Group 3A compounds

Group 3B compounds

Group 4A compounds

group 4B compounds

Group 5A compounds

Group 5B compounds

Group 6A compounds

Group 6B compounds

Group 7A compounds
USE halogen compounds

Group 7B compounds

Group 8 compounds

groups

groups, blood
USE blood groups

groups, galaxy
USE galactic clusters

groups, lie
USE lie groups

groups, propargyl
USE propargyl groups

groups, spinor
USE spinor groups

groups, sub
USE subgroups

grout

growth

growth chambers
USE phytotrons

growth, crop
USE crop growth

growth, crystal
USE crystal growth

growth, hydrothermal crystal
USE hydrothermal crystal growth

growth), melts (crystal
USE melts (crystal growth)

growth, protein crystal
USE protein crystal growth

growth, vegetation
USE vegetation growth

Grumman aircraft

Grumman OV-1C aircraft
USE OV-1 aircraft

Grunisen constant

(GT-1) spacecraft, Gemini
USE Gemini (GT-1) spacecraft

GTDS
USE Goddard trajectory determination system

Guadeloupe

Guam

guanethidine

NASA THESAURUS VOLUME 2

guanidine, nitro
USE nitroguanidine

guanidine, perfluoro
USE perfluoroguanidine

guanidines

guanines

guanosines

guards (shields)

Guatemala

guayule

GUI (computers)
USE graphical user interface

Guiana, French
USE French Guiana

guidance, aircraft
USE aircraft guidance

guidance, beam rider
USE beam rider guidance

guidance, command
USE command guidance

guidance, inertial
USE inertial guidance

guidance, injection
USE injection guidance

guidance, laser
USE laser guidance

guidance, map matching
USE map matching guidance

guidance, midcourse
USE midcourse guidance

guidance, missile
USE missile control

guidance (motion)

guidance, reentry
USE reentry guidance

guidance, rendezvous
USE rendezvous guidance

guidance, satellite
USE satellite guidance

guidance sensors

guidance, spacecraft
USE spacecraft guidance

guidance), SSGS (standardized space
USE standardized space guidance

guidance, standardized space
USE standardized space guidance

guidance, strapdown inertial
USE strapdown inertial guidance

guidance (STS), entry
USE entry guidance (STS)

guidance, terminal
USE terminal guidance

guide vanes

guided missile submarines

guided projectiles, precision
USE precision guided projectiles

guides, wave
USE waveguides

guideway transit vehicles, automated
USE automated guideway transit vehicles

Guinea

Guinea, British
USE Guyana

Guinea (Island), New
USE New Guinea (island)

Guinea, Papua New
USE Papua New Guinea

guinea pigs

Gulf of Alaska

Gulf of California (Mexico)

Gulf of Mexico

Gulf, Persian
USE Persian Gulf

Gulf Stream

gulfs

Gulliver program

Gum nebula

gum vulcanizates
USE vulcanized elastomers

Gumbel theory
USE range (extremes)

gums (substances)

gun launchers

gun propellants

gun turrets

gunfire

Gunn diodes

Gunn effect

gunnery training

gunpowder
USE gun propellants

guns

guns, crossed field
USE crossed field guns

guns, electron
USE electron guns

guns, gas
USE gas guns

guns, hypervelocity
USE hypervelocity guns

guns, light gas
USE light gas guns

guns (ordnance)

guns, plasma
USE plasma guns

gust alleviators

gust loads

gustatory perception
USE taste

gusts

GUT
USE grand unified theory

Gutenberg zone

guy wires

Guyana

gymnastics
USE physical exercise

gynecology

gypsum

gyrals
USE gyres

gyration

gyrators

gyres

gyro horizons

gyrocompasses

gyrodampers

Gyrodyne aircraft

Gyrodyne DSN-3 helicopter
USE QH-50 helicopter

Gyrodyne military aircraft
USE QH-50 helicopter

gyrofrequency

gyrointeraction
USE magnetic rigidity

gyromagnetism

gyroplanes
USE helicopters

gyros
USE gyroscopes

gyros, attitude
USE attitude gyros

gyroscope fluids

gyroscopes

gyroscopes, control moment
USE control moment gyroscopes

gyroscopes, cryogenic
USE cryogenic gyroscopes

gyroscopes, electrically suspended
USE electrostatic gyroscopes

gyroscopes, electrostatic
USE electrostatic gyroscopes

(gyroscopes), ESG
USE electrostatic gyroscopes

gyroscopes, fluid rotor
USE fluid rotor gyroscopes

gyroscopes, laser
USE laser gyroscopes

gyroscopes, nuclear
USE nuclear gyroscopes

gyroscopes, optical
USE optical gyroscopes

gyroscopes, pendulous
USE gyroscopic pendulums

gyroscopes, rotary
USE rotary gyroscopes

gyroscopes, tuning fork
USE tuning fork gyroscopes

gyroscopic coupling

gyroscopic drift
USE gyroscopes
gyroscopic stability

gyroscopic pendulums

gyroscopic stability

gyrostabilizers

gyrostats
USE gyroscopes

gyrotrons
USE cyclotron resonance devices

gyrotropism

H

H
USE hydrogen

H alpha line

H beta line

H gamma line

H I regions

H II regions

H, IMP-
USE Explorer 47 satellite

H lines

H, OSO-
USE OSO-7

H satellite, TIROS
USE TIROS 8 satellite

H, Space Shuttle mission 51-
USE Space Shuttle mission 51-H

H waves

H-infinity control

H-1 engine

H-13 helicopter
USE OH-13 helicopter

H-17 helicopter

H-19 helicopter

H-21 helicopter
USE CH-21 helicopter

H-23 helicopter
USE OH-23 helicopter

H-25 helicopter

H-34 helicopter
USE CH-34 helicopter

H-43 helicopter

H-51 helicopter
USE XH-51 helicopter

H-53 helicopter

H-54 helicopter

H-56 helicopter

H-60 Helicopter

H-126 aircraft

H-126 aircraft

H-126 aircraft, Hunting
USE H-126 aircraft

H/V interaction experiments, space plasma
USE sphinx

habitability

habitats

habitats, space
USE space habitats

habits

habituation (learning)

hadrons

hafnium

hafnium alloys

hafnium carbides

hafnium compounds

hafnium iodides

hafnium isotopes

hafnium oxides

hail

hailstones
USE hail

hailstorms

hair

hairpin vortices
USE horseshoe vortices

Haiti

HAL/S (language)

Halden Boiling Water Reactor

Halden reactor
USE Halden Boiling Water Reactor

half cones

half life

half planes

half spaces

halide lasers, rare gas-
USE rare gas-halide lasers

halides

halides, alkali
USE alkali halides

halides, cesium
USE cesium halides

halides, metal
USE metal halides

halides, oxy
USE oxyhalides

halides, silver
USE silver halides

halides, tungsten
USE tungsten halides

halites

Hall accelerators

Hall coefficient
USE Hall effect

Hall currents
USE Hall effect
electric current

Hall effect

Hall generators

Hallam Nuclear Power Facility

(Hallam Nuclear Power Facility), HNPf
USE Hallam Nuclear Power Facility

Halley's comet

hallucinations

Halo Orbit space station

halocarbons

HALOE
USE Halogen Occultation Experiment

halogen compounds

Halogen Occultation Experiment

halogenation

halogens

halophiles

halos

halos, galactic
USE galactic halos

Halphen method

Hamburger aircraft

Hamburger HFB-320 aircraft
USE HFB-320 aircraft

Hamilton-Jacobi equation

Hamiltonian functions

hammer, water
USE water hammer

hammerhead configuration

hammers

hammers, electromagnetic
USE electromagnetic hammers

Hampshire, New
USE New Hampshire

hamsters

hand (anatomy)

handbooks

handedness

handicaps
USE disabilities

handles

Handley Page aircraft

Handley Page HP-115 aircraft
USE HP-115 aircraft

handling equipment

handling, ground
USE ground handling

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handling, materials
USE materials handling

handling qualities
USE controllability

handling, remote
USE remote handling

handling systems, data
USE data systems

hands, mechanical
USE end effectors

hands, robot
USE end effectors

hands (robotics)
USE end effectors

handwriting

Hanford reactors

hang gliders

hangars

hangars, aircraft
USE hangars

(hanging), suspending
USE suspending (hanging)

Hankel functions

Hansen lunar theory

haploscopes

harbors

harbors, artificial
USE artificial harbors

hard coal
USE anthracite

hard landing

hardeners

hardening

hardening, age
USE precipitation hardening

hardening, cold
USE cold hardening

hardening, dispersion precipitation
USE precipitation hardening

hardening (materials)

hardening, metal
USE hardening (materials)

hardening, precipitation
USE precipitation hardening

hardening, radiation
USE radiation hardening

hardening, strain
USE strain hardening

hardening (systems)

hardening, work
USE work hardening

hardness

hardness, Knoop
USE Knoop hardness

hardness, micro
USE microhardness

hardness, Rockwell
USE Rockwell hardness

hardness tests

hardware

hardware utilization lists

Harleton meteorite

harmonic analysis

harmonic control

harmonic excitation

harmonic functions

harmonic generations

harmonic generators

harmonic motion

harmonic motion, simple
USE simple harmonic motion

harmonic oscillation

harmonic oscillators

harmonic radiation

harmonics

harmonics, spherical
USE spherical harmonics

harmonics, super
USE superharmonics

harmonics, tesseral
USE tesseral harmonics

harmonics, zonal
USE zonal harmonics

harnesses

Haro objects, Herbig-
USE Herbig-Haro objects

Harpoon missile

Harrier aircraft

Hartmann flow

Hartmann number

Hartree approximation

Hartree-Appleton approximation
USE Hartree approximation

Hartree-Fock approximation
USE Hartree approximation

Hartree-Fock-Slater method

Harvard Radio Meteor Project

Hastelloy (trademark)

hatches

Hatteras (NC), Cape
USE Cape Hatteras (NC)

haul aircraft, short
USE short haul aircraft

hauling

Hausdorff series, Campbell-
USE Campbell-Hausdorff series

Haven (CT), New
USE New Haven (CT)

Havilland aircraft, de
USE de Havilland aircraft

Havilland DH 106 aircraft, de
USE Comet 4 aircraft

Havilland DH 112 aircraft, de
USE DH 112 aircraft

Havilland DH 115 aircraft, de
USE DH 115 aircraft

Havilland DH 121 aircraft, de
USE DH 121 aircraft

Havilland DH 125 aircraft, de
USE DH 125 aircraft

Havilland DHC 4 aircraft, de
USE DHC 4 aircraft

Havilland DHC 5 aircraft, de
USE DHC 5 aircraft

Havilland Venom aircraft, de
USE DH 112 aircraft

Hawaii

Hawk assault helicopter, Black
USE H-60 Helicopter

Hawk missile

Hawker Hunter aircraft
USE F-2 aircraft

Hawker P-1127 aircraft
USE P-1127 aircraft

Hawker P-1154 aircraft
USE P-1154 aircraft

Hawker Siddeley aircraft

Hawkeye aircraft
USE E-2 aircraft

Hawkeye satellites

Hawkeye 1 satellite
USE Explorer 52 satellite

hay

Haynes Stellite
USE Stellite (trademark)

HAZ (metallurgy)
USE heat affected zone

hazard, toxicity and safety
USE toxicity and safety hazard

hazardous material disposal (in space)

hazards

hazards, aircraft
USE aircraft hazards

hazards, flight
USE flight hazards

hazards, meteor
USE meteoroid hazards

hazards, meteoroid
USE meteoroid hazards

hazards, noise
USE hazards
noise (sound)

hazards, operational
USE operational hazards

hazards, radiation
USE radiation hazards

hazards, toxic
USE toxic hazards

haze

haze detection

HBNQ
USE nitroguanidine

HBWR reactor
USE Halden Boiling Water Reactor

HC-1 helicopter
USE CH-47 helicopter

HC-3 helicopter

HC-3 helicopter, Omnipol
USE HC-3 helicopter

HCL argon lasers

HCL lasers

HCMM
USE Heat Capacity Mapping Mission

HCN lasers

HD-1 ground effect machines
USE hovercraft ground effect machines

HDTV
USE high definition television

He
USE helium

head (anatomy)

head down tilt

head flow

head (fluid mechanics)

head, fore
USE forehead

head movement

head (pressure)
USE pressure heads

head-up displays

headache

headers

heads, comet
USE comet heads

heads, coral
USE coral reefs

heads, pressure
USE pressure heads

heads, recording
USE recording heads

heads, war
USE warheads

headsets
USE earphones

healing

healing, wound
USE wound healing

health

health, mental
USE mental health

health physics

Health Physics Research Reactor

Health Physics Research Reactor

health, public
USE public health

Health-Education Telecommunications exp
USE HET experiment

HEAO

HEAO A
USE HEAO 1

HEAO B
USE HEAO 2

HEAO C
USE HEAO 3

HEAO 1

HEAO 2

HEAO 3

hearing

hearing, binaural
USE binaural hearing

hearing loss
USE auditory defects

heart

heart diseases

heart function

heart implantation

heart minute volume

heart rate

heart valves

heart valves, artificial
USE artificial heart valves

hearths

heat

heat acclimatization

heat affected zone

heat balance

heat budget

heat budget, atmospheric
USE atmospheric heat budget

heat capacity
USE specific heat

Heat Capacity Mapping Mission

heat, combustion
USE heat of combustion

heat conduction
USE conductive heat transfer

heat content
USE enthalpy

heat dissipation
USE cooling

heat dissipation chilling
USE cooling

heat, dry
USE dry heat

heat effects
USE temperature effects

heat engines

heat equations
USE thermodynamics

heat exchangers

heat exchangers, tube
USE tube heat exchangers

heat flow
USE heat transmission

heat flux

heat, formation
USE heat of formation

heat, fusion
USE heat of fusion

heat gain
USE heating

heat generation

heat islands

heat, latent
USE latent heat

heat measurement

heat, nuclear
USE nuclear heat

heat of combustion

heat of dissociation

heat of formation

heat of fusion

heat of fusion, latent
USE heat of fusion

heat of solution

heat of vaporization

heat pipes

heat, process
USE process heat

heat pumps

heat radiators

heat regulation
USE temperature control

heat rejection devices
USE heat radiators

heat resistance
USE thermal resistance

heat resistant alloys

heat shielding

heat shielding, reusable
USE reusable heat shielding

heat sinks

heat sources

heat, specific
USE specific heat

heat storage

(heat storage), solar ponds
USE solar ponds (heat storage)

heat stroke

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heat tapes

heat tests
USE high temperature tests

heat theorem, Nernst
USE Nernst-Ettingshausen effect

heat tolerance

heat transfer

heat transfer, aerodynamic
USE aerodynamic heat transfer

heat transfer coefficients

heat transfer, conductive
USE conductive heat transfer

heat transfer, convective
USE convective heat transfer

heat transfer, hypersonic
USE hypersonic heat transfer

heat transfer, laminar
USE laminar heat transfer

heat transfer, radiative
USE radiative heat transfer

heat transfer, supersonic
USE supersonic heat transfer

heat transfer, turbulent
USE turbulent heat transfer

heat transmission

heat treatment

(heat treatment), normalizing
USE normalizing (heat treatment)

heat, vaporization
USE heat of vaporization

heat, waste
USE waste heat

heaters

heaters, Gerdien arc
USE heating equipment
arc heating

heating

heating, aerodynamic
USE aerodynamic heating

heating, arc
USE arc heating

heating, atmospheric
USE atmospheric heating

heating, base
USE base heating

heating (buildings), space
USE space heating (buildings)

heating, electron cyclotron
USE electron cyclotron heating

heating equipment

heating, gas
USE gas heating

heating, induction
USE induction heating

heating, ionospheric
USE ionospheric heating

heating, Joule
USE resistance heating
ohmic dissipation

heating, kinetic
USE kinetic heating

heating, laser
USE laser heating

heating, magnetohydrodynamic shear
USE magnetohydrodynamic shear heating

heating, plasma
USE plasma heating

heating, pulse
USE pulse heating

heating, radiant
USE radiant heating

heating, radiation
USE radiant heating

heating, radio frequency
USE radio frequency heating

heating, resistance
USE resistance heating

heating, shock
USE shock heating

heating, solar
USE solar heating

heating sources, hydraulic
USE heat sources
hydraulic equipment

heating, super
USE superheating

heating, transient
USE transient heating

heating, water
USE water heating

heaving

heavy cosmic ray primaries
USE heavy nuclei
primary cosmic rays

heavy elements

heavy ions

heavy lift airships

heavy lift helicopters

heavy lift launch vehicles

heavy nuclei

heavy water

heavy water components test reactors

heavy water reactors

HEF (high energy fuels)
USE high energy fuels

height

height, geopotential
USE geopotential height

height indicators, cloud
USE cloud height indicators

height, mixing
USE mixing height

height, pulse
USE pulse amplitude

height, scale
USE scale height

Heinkel aircraft

Heisenberg theory

Hellier formula, Bethe-
USE Bethe-Hellier formula

helical antennas

helical flow

helical inducers

helical windings

helices

helicopter, AH-1G
USE AH-1G helicopter

helicopter, AH-63
USE AH-63 helicopter

helicopter, AH-64
USE AH-64 helicopter

helicopter, Alouette 3
USE SE-3160 helicopter

helicopter attitude indicators
USE helicopters
attitude indicators

helicopter, Bell 214A
USE Bell 214A helicopter

helicopter, Black Hawk assault
USE H-60 Helicopter

helicopter, BO-105
USE BO-105 helicopter

helicopter, CH-3
USE CH-3 helicopter

helicopter, CH-21
USE CH-21 helicopter

helicopter, CH-34
USE CH-34 helicopter

helicopter, CH-46
USE CH-46 helicopter

helicopter, CH-47
USE CH-47 helicopter

helicopter, CH-53
USE H-53 helicopter

helicopter, CH-54
USE CH-54 helicopter

helicopter, CH-62
USE CH-62 helicopter

helicopter, CH-113
USE CH-46 helicopter

helicopter, Chinook
USE CH-47 helicopter

helicopter, Choctaw
USE CH-34 helicopter

helicopter, CL-595
USE XH-51 helicopter

helicopter control

helicopter, Dash
USE QH-50 helicopter

helicopter design

helicopter, DSN
USE QH-50 helicopter

helicopter engines

helicopter, F-28
USE F-28 helicopter

helicopter, FH-1100
USE OH-5 helicopter

helicopter, Flying Crane
USE H-17 helicopter

helicopter, Gyrodyne DSN-3
USE QH-50 helicopter

helicopter, H-13
USE OH-13 helicopter

helicopter, H-17
USE H-17 helicopter

helicopter, H-19
USE H-19 helicopter

helicopter, H-21
USE CH-21 helicopter

helicopter, H-23
USE OH-23 helicopter

helicopter, H-25
USE H-25 helicopter

helicopter, H-34
USE CH-34 helicopter

helicopter, H-43
USE H-43 helicopter

helicopter, H-51
USE XH-51 helicopter

helicopter, H-53
USE H-53 helicopter

helicopter, H-54
USE H-54 helicopter

helicopter, H-56
USE H-56 helicopter

Helicopter, H-60
USE H-60 Helicopter

helicopter, HC-1
USE CH-47 helicopter

helicopter, HC-3
USE HC-3 helicopter

helicopter, HH-43
USE HH-43 helicopter

helicopter, HH-43B
USE HH-43 helicopter

helicopter, HHX
USE H-53 helicopter

helicopter, HO-4
USE OH-4 helicopter

helicopter, HO-5
USE OH-5 helicopter

helicopter, HO-6
USE OH-6 helicopter

helicopter, HRB-1
USE CH-46 helicopter

helicopter, HSS-2
USE SH-3 helicopter

helicopter, HU-1
USE UH-1 helicopter

helicopter, HUS-1
USE UH-34 helicopter

helicopter, Huskie
USE HH-43 helicopter

helicopter, HU2K-1
USE UH-2 helicopter

helicopter impulsive noise

helicopter impulsive noise
USE blade slap noise

helicopter, Iroquois
USE UH-1 helicopter

helicopter, Kaman UH-2A
USE UH-2 helicopter

helicopter, Lockheed CL-595
USE XH-51 helicopter

helicopter, Lockheed 186
USE XH-51 helicopter

helicopter, LOH
USE OH-6 helicopter

helicopter, OH-4
USE OH-4 helicopter

helicopter, OH-5
USE OH-5 helicopter

helicopter, OH-6
USE OH-6 helicopter

helicopter, OH-13
USE OH-13 helicopter

helicopter, OH-23
USE OH-23 helicopter

helicopter, OH-58
USE OH-58 helicopter

helicopter, Omnipol HC-3
USE HC-3 helicopter

helicopter, P-531
USE P-531 helicopter

helicopter performance

helicopter propeller drive

helicopter, QH-50
USE QH-50 helicopter

helicopter, Raven
USE OH-23 helicopter

helicopter, RH-2
USE UH-1 helicopter

helicopter rotors
USE rotary wings

helicopter, S-58
USE S-58 helicopter

helicopter, S-61
USE S-61 helicopter

helicopter, S-64
USE CH-54 helicopter

helicopter, S-67
USE S-67 helicopter

helicopter, SA-321
USE SA-321 helicopter

helicopter, SA-330
USE SA-330 helicopter

helicopter, Scout
USE P-531 helicopter

helicopter, SE-3160
USE SE-3160 helicopter

helicopter, Sea King
USE SH-3 helicopter

helicopter, Sea Knight
USE CH-46 helicopter

helicopter, Seahorse
USE UH-34 helicopter

helicopter, Seasprite
USE UH-2 helicopter

helicopter, SH-3
USE SH-3 helicopter

helicopter, SH-4
USE SH-4 helicopter

helicopter, Shawnee
USE CH-21 helicopter

helicopter, Sikorsky HSS-2
USE SH-3 helicopter

helicopter, Sikorsky S-58
USE S-58 helicopter

helicopter, Sikorsky S-61
USE S-61 helicopter

helicopter, Sikorsky S-64
USE CH-54 helicopter

helicopter, Sikorsky S-65
USE H-53 helicopter

helicopter, Sikorsky S-67
USE S-67 helicopter

helicopter, Sikorsky Whirlwind
USE Sikorsky Whirlwind helicopter

helicopter, Sioux
USE OH-13 helicopter

helicopter, Skycrane
USE CH-54 helicopter

helicopter, Sud Aviation SA-321
USE SA-321 helicopter

helicopter, Sud Aviation SA-330
USE SA-330 helicopter

helicopter, Sud Aviation SE-3160
USE SE-3160 helicopter

helicopter tail rotors

helicopter, TH-55
USE TH-55 helicopter

helicopter, UH-1
USE UH-1 helicopter

helicopter, UH-2
USE UH-2 helicopter

helicopter, UH-12
USE OH-23 helicopter

helicopter, UH-13
USE OH-13 helicopter

helicopter, UH-34
USE UH-34 helicopter

helicopter, UH-60A
USE UH-60A helicopter

helicopter, UH-61A
USE UH-61A helicopter

helicopter, Voyageur
USE CH-46 helicopter

helicopter wakes

helicopter, Westland MK-10
USE Westland Whirlwind helicopter

helicopter, Westland P-531
USE P-531 helicopter

helicopter, Westland Whirlwind
USE Westland Whirlwind helicopter

helicopter, Whirlwind MK-10
USE Westland Whirlwind helicopter

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helicopter, Workhorse
USE CH-21 helicopter

helicopter, XH-51
USE XH-51 helicopter

helicopter, YHU-1
USE UH-1 helicopter

helicopter, YUH-1
USE UH-1 helicopter

helicopter, YUH-60A
USE UH-60A helicopter

helicopter, YUH-61A
USE UH-61A helicopter

helicopters

helicopters, aerogyro
USE XH-51 helicopter

helicopters, Alouette
USE Alouette helicopters

helicopters, compound
USE compound helicopters

helicopters, drone
USE helicopters
drone aircraft

helicopters, heavy lift
USE heavy lift helicopters

helicopters, light
USE light helicopters

helicopters, military
USE military helicopters

helicopters, rigid rotor
USE rigid rotor helicopters

helicopters, tandem rotor
USE tandem rotor helicopters

helicopters, Vertol military
USE Boeing aircraft

Hello aircraft

Hello military aircraft
USE Hello aircraft

heliocentric orbits
USE solar orbits

heliographs
USE spectroheliographs

heliographs, spectro
USE spectroheliographs

heliography
USE spectroheliographs

heliomagnetism
USE solar magnetic field

heliometers

heliometers, pyro
USE pyroheliometers

heliometry
USE pyroheliometers
heliometers

Helios A

Helios B

Helios Project

Helios satellites

Helios 1

Helios 2

helioseismology

heliosphere

Heliospheric Observatory, Solar and
USE SOHO Mission

heliostats

heliotrons

heliports

helitrons

hellum

hellum afterglow

helium atoms

helium compounds

helium film

helium hydrogen atmospheres

helium ions

helium isotopes

helium, liquid
USE liquid helium

helium plasma

helium stars
USE B stars

helium 2
USE helium isotopes
liquid helium

helium 2, liquid
USE liquid helium 2

helium 3
USE helium isotopes

helium 4
USE helium isotopes

helium-neon lasers

helium-oxygen atmospheres

helix tubes
USE traveling wave tubes

Hellmann-Feynman theorem

helmet mounted displays

helmets

Helmholtz equations

Helmholtz equations, Gibbs-
USE Gibbs-Helmholtz equations

Helmholtz flow, Kirchhoff-
USE pipe flow

Helmholtz instability, Kelvin-
USE Kelvin-Helmholtz instability

Helmholtz resonators

Helmholtz theory, Young-
USE Young-Helmholtz theory

Helmholtz vorticity equation

HELOS (satellite)
USE Exosat satellite

hematite

hematocrit

hematocrit ratio

hematology

hematopoiesis

hematopoietic system

hematuria

hemisphere cylinder bodies

Hemisphere, Eastern
USE Eastern Hemisphere

Hemisphere, Northern
USE Northern Hemisphere

Hemisphere, Southern
USE Southern Hemisphere

hemisphere, Western
USE Western hemisphere

hemispheres

hemispherical shells

hemocytes

hemodynamic responses

hemodynamics

hemoglobin

hemoglobin, carboxy
USE carboxyhemoglobin

hemoglobin, oxy
USE oxyhemoglobin

hemolysis

hemoperfusion

hemorrhages

hemostasis
USE hemostatics

hemostatics

HEMT (electronics)
USE high electron mobility transistors

Henry law

HEOS A satellite

HEOS B satellite

HEOS satellites

heparins

hepatitis

heptadiene

heptanes

herbicides

Herbig-Haro objects

Hercules aircraft
USE C-130 aircraft

Hercules engine

Hercules missile, Nike-
USE Nike-Hercules missile

Hercules nova

heredity

Hering-Breuer reflex

Hermes manned spaceplane

Hermes satellite
USE Communications Technology Satellite

hermetic seals

Hermitian polynomial

HERO Reactor

Hertzprung-Russell diagram

Herzberg bands

Hessian matrices

HET experiment

heterocyclic compounds

heterodyning

heterodyning, optical
USE optical heterodyning

heterogeneity

heterojunction devices

heterojunctions

heterophoria

heterosphere

heterotrophs

heuristic methods

HEUS rocket engines

Hewlett-Packard computers

hexadiene

hexafluoride, sulfur
USE sulfur hexafluoride

hexagonal cells

hexagons

hexahedrite

hexamethonium

hexamethylenetetramine

hexanitrostilbene

hexenes

Hexogenes (trademark)

hexokinase

hexoses

hexyl compounds

Hf
USE hafnium

HF lasers

HFB-320 aircraft

HFB-320 aircraft, Hamburger
USE HFB-320 aircraft

HFIR
USE high flux isotope reactors

HFIR (reactor)
USE high flux isotope reactors

Hg
USE mercury (metal)

HH-43 helicopter

HH-43 helicopter

HH-43B helicopter
USE HH-43 helicopter

HHX helicopter
USE H-53 helicopter

HI
USE Hawaii

hibernation

HICAT project
USE high resolution coverage antennas

HICAT (radar technique)
USE high resolution coverage antennas

hierarchies

hierarchy, BBGKY
USE BBGKY hierarchy

high acceleration

high alt target and background measurement

high altitude

high altitude balloons

high altitude breathing

high altitude environments

high altitude flight
USE high altitude
flight

high altitude nuclear detection

high altitude pressure

high altitude sounding projectile
USE WASP sounding rocket

High Altitude, Spacecraft Charging at
USE SCATHA satellite

high altitude tests

high aspect ratio

high aspect ratio wings
USE slender wings

high current

high definition television

high dispersion spectrographs

High Eccentric Lunar Occultation satellite
USE Exosat satellite

High Eccentric Lunar Occultation Satellite
USE Exosat satellite

high electron mobility transistors

High Energy Astronomy Observatories
USE HEAO

High Energy Astronomy Observatory A
USE HEAO 1

High Energy Astronomy Observatory B
USE HEAO 2

High Energy Astronomy Observatory C
USE HEAO 3

High Energy Astronomy Observatory 1
USE HEAO 1

High Energy Astronomy Observatory 2
USE HEAO 2

High Energy Astronomy Observatory 3
USE HEAO 3

high energy electrons

high energy fuels

(high energy fuels), HEF
USE high energy fuels

high energy interactions

high energy oxidizers

high energy propellants

high field magnets

high flux beam reactors

high flux isotope reactors

high frequencies

high frequencies, extremely
USE extremely high frequencies

high frequencies, very
USE very high frequencies

high frequency radio equipment, very
USE very high frequency radio equipment

high gain

high gravity (acceleration)
USE high gravity environments

high gravity environments

high impulse

high intensity lasers
USE high power lasers

high latitudes
USE polar regions

high level languages

high melting compounds
USE refractory materials

high pass filters

high polymers

high power lasers

high pressure

high pressure oxygen

high Q
USE Q factors

high resistance

high resolution

high resolution coverage antennas

High Resolution Radiometer, Advanced Very
USE Advanced Very High Resolution Radiometer

high Reynolds number

high speed

high speed cameras

high speed flight
USE high speed
flight

high speed integrated circuits, very
USE VHSIC (circuits)

high speed photography

high speed transportation
USE rapid transit systems

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high strength

high strength alloys

high strength steels

high temperature

high temperature air

high temperature alloys
USE heat resistant alloys

high temperature environments

high temperature fatigue
USE thermal fatigue

high temperature fluids

high temperature gas cooled reactors

high temperature gases

high temperature lubricants

high temperature materials
USE refractory materials

high temperature nuclear reactors

high temperature plasmas

high temperature propellants

high temperature research

high temperature superconductors

high temperature tests

high thrust

high vacuum

High Vacuum Orbital Simulator

high voltages

higher order languages
USE high level languages

highlands

Highly Eccentric Orbit satellites
USE HEOS satellites

highly maneuverable aircraft

highways

hijacking
USE air piracy

Hilbert space

Hilbert transformation

Hill curves
USE Hill method

Hill determinant

Hill lunar theory

Hill method

Hiller aircraft

Hiller aircraft, Fairchild-
USE Fairchild-Hiller aircraft

Hiller military aircraft
USE Hiller aircraft
military aircraft

Hills Region (GA-NC-SC), Sand
USE Sand Hills Region (GA-NC-SC)

Hills Region (NE), Sand
USE Sand Hills Region (NE)

Hills (SD-WY), Black
USE Black Hills (SD-WY)

Hilisch tubes

Himalayas

HIMAT
USE highly maneuverable aircraft

hindrance
USE constraints

hinge moments
USE torque

hinged rotor blades
USE rotary wings
hinges

hingeless rotors
USE rigid rotors

hinges

hinges, flapping
USE flapping hinges

HIP (process)
USE hot isostatic pressing

Hipparcos satellite

hippocampus

hippuric acid

His bundle

hiss

histamines

histidine

histochemical analysis

histograms

histology

histories

histories, case
USE case histories

HITAB program
USE high alt target and background measurement

HIV (virus)
USE human immunodeficiency virus

HIVOS (simulator)
USE High Vacuum Orbital Simulator

HL-10 reentry vehicle

HLD-35 reentry vehicle

HLLV
USE heavy lift launch vehicles

HMD (displays)
USE helmet mounted displays

HMX

HNPF (Hallam Nuclear Power Facility)
USE Hallam Nuclear Power Facility

HNST
USE hexanitrostilbene

Ho
USE holmium

HO-4 helicopter
USE OH-4 helicopter

HO-5 helicopter
USE OH-5 helicopter

HO-6 helicopter
USE OH-6 helicopter

Hocquenghem codes, Bose-Chaudhuri-
USE BCH codes

hodographs

hodoscopes

hogbacks
USE ridges

hohlraums

Hohmann trajectories
USE elliptical orbits
transfer orbits

Hohmann transfer orbits
USE transfer orbits
elliptical orbits

holders

holders, flame
USE flame holders

holding

hole burning

hole distribution

hole distribution (electronics)

hole distribution (mechanics)

hole drops, electron-
USE electron-hole drops

hole geometry (mechanics)

hole mobility

holes

holes (astronomy), black
USE black holes (astronomy)

holes (astronomy), white
USE white holes (astronomy)

holes, coronal
USE coronal holes

holes (electron deficiencies)

holes (mechanics)

holes, ozone
USE ozone depletion

holes, sink
USE sinkholes

Holland
USE Netherlands

hollow

hollow cathodes

hollow, geomagnetic
USE geomagnetic hollow

holmium

holmium isotopes

hologrammetry

holographic interferometry

holographic spectroscopy

holographic subtraction

holography

holography, acoustical
USE acoustical holography

holography, microwave
USE microwave holography

holography, self subtraction
USE holographic subtraction

holography, sound
USE acoustical holography

holography, speckle
USE speckle holography

holography, white light
USE white light holography

holomorphism
USE analytic functions

Holste MH-262 aircraft, Max
USE MH-262 aircraft

homeostasis

homeotherms

homing

homing devices

homing missiles, radar
USE radar homing missiles

homodyne reception

homogeneity

homogeneity, in
USE inhomogeneity

homogeneous turbulence

homogenization
USE homogenizing

homogenizing

homojunctions

homology

homomorphisms

homopolar generators

homosphere

homotopy theory

homotropy

Honduras

Honduras, British
USE Belize

Honest John rocket vehicle

honeycomb cores

honeycomb structures

honeycombs, ceramic
USE ceramic honeycombs

Honeywell ADEPT computer

Honeywell computers

Honeywell DDP 116 computer

Honeywell 600/6000 computer

Hong Kong

honing

Hookes law

Hookes law

hooks

hoop column antennas

hoops

Hopcalite (trademark)

Hopf equations, Wiener
USE Wiener Hopf equations

hoppers

hopping, frequency
USE frequency hopping

horizon

horizon, event
USE event horizon

horizon radar, over-the-
USE over-the-horizon radar

horizon scanners

horizon scanners, infrared
USE horizon scanners
infrared scanners

horizon sensing
USE horizon scanners

horizons, gyro
USE gyro horizons

horizons, radio
USE radio horizons

horizontal branch stars

horizontal distribution

horizontal flight

(horizontal), level
USE level (horizontal)

horizontal orientation

horizontal spacecraft landing

horizontal stabilizers
USE stabilizers (fluid dynamics)

horizontal tail surfaces

horizontally polarized shear waves
USE SH waves

hormone metabolisms

hormones

hormones, pituitary
USE pituitary hormones

horn antennas

horns

horsepower

horses

horseshoe vortices

hoses

hospitals

hot air
USE high temperature air

hot atoms

hot cathodes

hot corrosion

hot cycle propulsion system
USE tip driven rotors

hot electrons

hot extruding
USE extruding

hot forming
USE hot working

hot gas systems
USE high temperature gases

hot gases
USE high temperature gases

hot isostatic pressing

hot jet exhaust
USE high temperature gases
jet exhaust

hot jets
USE jet flow

hot machining

hot plasmas
USE high temperature plasmas

hot pressing

hot stars

hot surfaces

hot water rocket engines

hot weather

hot working

hot-film anemometers

hot-wire anemometers

hot-wire flowmeters

hot-wire turbulence meters
USE hot-wire flowmeters
turbulence meters

HOTOL launch vehicle

hotshot wind tunnels

Hound Dog missile

hour orbits, twenty-four
USE twenty-four hour orbits

Householder transformations

housekeeping (spacecraft)

houses, green
USE greenhouses

houses, solar
USE solar houses

housings

Houston (TX)

hovercraft
USE ground effect machines

hovercraft ground effect machines

hovercraft, Westland SR-N2
USE Westland ground effect machines

hovercraft, Westland SR-N3
USE Westland ground effect machines

hovering

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hovering rocket vehicles

hovering stability

howitzers

HP-115 aircraft

HP-115 aircraft, Handley Page
USE HP-115 aircraft

HPRR
USE Health Physics Research Reactor

HR diagram
USE Hertzprung-Russell diagram

HRB-1 helicopter
USE CH-46 helicopter

HS-125 aircraft
USE DH 125 aircraft

HS-748 aircraft

HS-748 aircraft, AVRO Whitworth
USE HS-748 aircraft

HS-801 aircraft

HSS-2 helicopter
USE SH-3 helicopter

HSS-2 helicopter, Sikorsky
USE SH-3 helicopter

HTGR
USE high temperature gas cooled reactors

HTPB propellants

HTSC (superconductors)
USE high temperature superconductors

HU-1 helicopter
USE UH-1 helicopter

Hubble constant

Hubble diagram

Hubble Space Telescope

hubs

hubs, rotor
USE hubs
rotors

Huckel theory, Debye-
USE Debye-Huckel theory

Hudson Bay (Canada)

Hudson River (NY-NJ)

Hueckel theory

Hughes aircraft

Hugoniot adiabat
USE Hugoniot equation of state

Hugoniot equation of state

Hugoniot relation, Rankine-
USE Rankine-Hugoniot relation

HUL
USE hardware utilization lists

Hull, Small Water Plane Area Twin
USE SWATH (ship)

hulls, ship
USE ship hulls

hulls (structures)

hum

human behavior

human beings

human body

human centrifuges

human engineering
USE human factors engineering

human factors engineering

human factors laboratories

human immunodeficiency virus

human pathology

human performance

human reactions

human relations

human resources

human tolerances

human wastes

human-computer interface
USE man-computer interface

Humason comet

humerus

humidification, de
USE dehumidification

humidity

humidity measurement

Hummingbird aircraft
USE XV-4 aircraft

humping tests, railroad
USE railroad humping tests

Hungarian space program

Hungary

Hunter aircraft, Hawker
USE F-2 aircraft

Hunter F-2 aircraft
USE F-2 aircraft

Hunting H-126 aircraft
USE H-126 aircraft

Hunting P-84 aircraft
USE jet provost aircraft

Huron, Lake
USE Lake Huron

hurricane, Anna
USE Anna hurricane

hurricanes

HUS-1 helicopter
USE UH-34 helicopter

Huskle helicopter
USE HH-43 helicopter

Hustler aircraft
USE B-58 aircraft

Huygens principle

Huygens principle, Kirchhoff-
USE diffraction
wave propagation

HU2K-1 helicopter
USE UH-2 helicopter

Hvittis chondrite

hybrid circuits

hybrid combustion
USE hybrid propellant rocket engines

hybrid composites

hybrid computers

hybrid navigation systems

hybrid propellant rocket engines

hybrid propellants

hybrid propulsion

hybrid reactors, fusion-fission
USE fusion-fission hybrid reactors

hybrid rocket engines

hybrid structures

hybrid vehicles, electric
USE electric hybrid vehicles

hybrids (biology)
USE genetic engineering

Hydac rocket vehicle, Nike-
USE Nike-Hydac rocket vehicle

hydantoin, diphenyl
USE diphenyl hydantoin

hydrates

hydrates, carbo
USE carbohydrates

hydration

hydration, de
USE dehydration

hydraulic actuators
USE hydraulic equipment
actuators

hydraulic analogies

hydraulic control

hydraulic equipment

hydraulic fluids

hydraulic heating sources
USE hydraulic equipment
heat sources

hydraulic jets

hydraulic pumps
USE hydraulic equipment
pumps

hydraulic shock

hydraulic systems
USE hydraulic equipment

hydraulic systems, aircraft
USE aircraft hydraulic systems

hydraulic test tunnels

hydraulic valves
USE hydraulic equipment
valves

hydraulics

hydraulics, thermo
USE thermohydraulics

hydrazides

hydrazine borane

hydrazine, di
USE dihydrazine

hydrazine engines

hydrazine, methyl
USE methylhydrazine

hydrazine nitrate

hydrazine nitroform

hydrazine perchlorates

hydrazines

hydrazines, dimethyl
USE dimethylhydrazines

hydrazinium compounds

hydrazoic acid

hydrazones

hydrazonium compounds

hydrides

hydrides, aluminum
USE aluminum hydrides

hydrides, an
USE anhydrides

hydrides, beryllium
USE beryllium hydrides

hydrides, boro
USE borohydrides

hydrides, boron
USE boron hydrides

hydrides, cesium
USE cesium hydrides

hydrides, di
USE dihydrides

hydrides, lithium
USE lithium hydrides

hydrides, lithium aluminum
USE lithium aluminum hydrides

hydrides, metal
USE metal hydrides

hydrides, nitrogen
USE nitrogen hydrides

hydrides, potassium
USE potassium hydrides

hydrides, sodium
USE sodium hydrides

hydrides, zirconium
USE zirconium hydrides

hydroacoustics
USE underwater acoustics

hydroaeromechanics
USE aerodynamics

hydroballistics

hydrobarophones
USE hydrophones

hydroboration

hydrobromic acid

hydrobromides

hydrocarbon combustion

hydrocarbon combustion

hydrocarbon fuel production

hydrocarbon fuels

hydrocarbon poisoning

hydrocarbon rocket engines, liquid oxygen
USE oxygen-hydrocarbon rocket engines

hydrocarbon rocket engines, LOX-
USE oxygen-hydrocarbon rocket engines

hydrocarbon rocket engines, oxygen-
USE oxygen-hydrocarbon rocket engines

hydrocarbons

hydrocarbons, aliphatic
USE aliphatic hydrocarbons

hydrocarbons, cyclic
USE cyclic hydrocarbons

hydrocarbons, fluoro
USE fluorohydrocarbons

hydrocarbons, saturated
USE alkanes

hydrochloric acid

hydrochlorides

hydroclimatology

hydrocracking

hydrocyanic acid

hydrodynamic coefficients

hydrodynamic equations

hydrodynamic ram effect

hydrodynamic stability
USE flow stability

hydrodynamic tunnels
USE plasma jet wind tunnels

hydrodynamics

hydrodynamics, electro
USE electrohydrodynamics

hydrodynamics, magneto
USE magnetohydrodynamics

hydroelasticity

hydroelectric power stations

hydroelectricity

hydrofluoric acid

hydrofoil boats
USE hydrofoil craft

hydrofoil craft

hydrofoil oscillations

hydrofoils

hydroforming

hydrogen

hydrogen air fuel cells
USE hydrogen oxygen fuel cells

hydrogen atmospheres, helium
USE helium hydrogen atmospheres

hydrogen atoms

hydrogen azides

hydrogen batteries, nickel
USE nickel hydrogen batteries

hydrogen batteries, silver
USE silver hydrogen batteries

hydrogen bombs
USE fusion weapons

hydrogen bonds

hydrogen chloride lasers
USE HCL lasers

hydrogen chlorides

hydrogen clouds

hydrogen compounds

hydrogen cyanide lasers
USE HCN lasers

hydrogen cyanides
USE hydrocyanic acid

hydrogen deuterium oxide
USE heavy water

hydrogen embrittlement

hydrogen engines

hydrogen engines, LOX-
USE hydrogen oxygen engines

hydrogen fluoride lasers
USE HF lasers

hydrogen fluorides
USE hydrofluoric acid

hydrogen fuels

hydrogen ions

hydrogen isotopes

hydrogen, liquid
USE liquid hydrogen

hydrogen masers

hydrogen metabolism

hydrogen, metallic
USE metallic hydrogen

hydrogen, ortho
USE ortho hydrogen

hydrogen oxygen engines

hydrogen oxygen fuel cells

hydrogen, para
USE para hydrogen

hydrogen perchlorate

hydrogen peroxide

hydrogen phosphite (DEHP), diethyl
USE diethyl hydrogen phosphite (DEHP)

hydrogen plasma

hydrogen production

hydrogen recombinations

hydrogen, slush
USE slush hydrogen

hydrogen sulfide

hydrogen 2
USE deuterium

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hydrogen 3
USE tritium

hydrogen 4

hydrogen-based energy

hydrogenation

hydrogenation, de
USE dehydrogenation

hydrogenolysis

hydrogenomonas

hydrogeology

hydrography

hydrokinetics
USE hydromechanics

hydrological cycle

(hydrological decade), IHD
USE International Hydrological Decade

Hydrological Decade, International
USE International Hydrological Decade

hydrology

hydrology models

(hydrology), water cycle
USE hydrological cycle

hydrolysis

hydrolysis, pyro
USE pyrohydrolysis

hydromagnetic flow
USE magnetohydrodynamic flow

hydromagnetic stability
USE magnetohydrodynamic stability

hydromagnetic waves
USE magnetohydrodynamic waves

hydromagnetics
USE magnetohydrodynamics

hydromagnetics, geometrical
USE magnetohydrodynamics

hydromagnetism
USE magnetohydrodynamics

hydromechanics

hydrometallurgy

hydrometeorology

hydrometers

hydronium ions

hydrophones

hydroplanes (surfaces)

hydroplanes (vehicles)

hydroplaning

hydroponics

hydropower stations
USE hydroelectric power stations

hydropyrolysis

hydrosience
USE hydrology

hydroskis
USE hydroplanes (surfaces)

hydrosphere, Earth
USE Earth hydrosphere

hydrosphere (Earth)
USE Earth hydrosphere

hydrospinning

hydrostatic pressure

hydrostatics

hydrostatics, magneto
USE magnetohydrostatics

hydrosulfites

hydrothermal crystal growth

hydrothermal stress analysis

hydrothermal systems

hydrox engines
USE hydrogen oxygen engines

hydroxides

hydroxides, lithium
USE lithium hydroxides

hydroxides, potassium
USE potassium hydroxides

hydroxides, sodium
USE sodium hydroxides

hydroxycorticosteroid

hydroxyl compounds

hydroxyl emission

hydroxyl radicals

hydroxylamine sulfate

hydroxylammonium perchlorates

hygiene

hygiene, oral
USE oral hygiene

hygral properties

hygrometers

hygroscopicity

Hyla-Star rocket vehicle

Hylleraas coordinates

hyoscine

hyperbaric chambers

hyperbolas

hyperbolic coordinates

hyperbolic differential equations

hyperbolic functions

hyperbolic navigation

hyperbolic reentry

hyperbolic space
USE hyperbolic coordinates

hyperbolic systems

hyperbolic trajectories

hypercapnia

hypercube multiprocessors

hyperfine structure

hypergeometric functions

hypergeometry
USE hyperspaces

hyperglycemia

hypergolic rocket propellants

Hyperion

hyperkinesia

hypermedia
USE multimedia

hypernea

hypernuclei

hyperons

hyperons, xi
USE xi hyperons

hyperopia

hyperoxia

hyperplanes

hyperpnea

hypersomnia

hypersonic aircraft

hypersonic boundary layer

hypersonic combustion

hypersonic flight

hypersonic flow

hypersonic forces

hypersonic gliders

hypersonic heat transfer

hypersonic inlets

hypersonic nozzles

hypersonic reentry

hypersonic shock

hypersonic speed

hypersonic test apparatus

hypersonic vehicles

hypersonic wakes

hypersonic wind tunnels

hypersonics

hyperspaces

hyperspheres

hypertensin

hypertension

hyperthermia

hypertonia
USE osmosis

hypertrophy
USE growth

hypervelocity

hypervelocity accelerators
USE hypervelocity guns

hypervelocity cratering
USE hypervelocity projectiles
projectile cratering

hypervelocity flow

hypervelocity guns

hypervelocity impact

hypervelocity launchers

hypervelocity projectiles

hypervelocity wind tunnels

hyperventilation

hypervolemia

hypnosis

hypobaric atmospheres

hypocapnia

hypodermis

hypodynamia

hypoelasticity

hypoglycemia

hypokinesia

hypometabolism

hypophysis
USE pituitary gland

hypotension

hypothalamus

hypothermia

hypotheses

hypothesis, expectancy
USE expectancy hypothesis

hypothesis, Gaia
USE Gaia hypothesis

hypothesis, intermittency
USE intermittency hypothesis

hypothesis, Lagrange similarity
USE Lagrange similarity hypothesis

hypothesis, null
USE null hypothesis

hypothesis, vorticity transport
USE vorticity transport hypothesis

hypotonia

hypoventilation

hypovolemia

hypoxemia

hypoxia

hypsography

hypsometers

hysteresis

- I**
USE iodine
- I beams**
- I, IMP-**
USE Explorer 43 satellite
- I regions, H**
USE H I regions
- I, Space Shuttle mission 51-**
USE Space Shuttle mission 51-I
- I-n diodes, p-**
USE p-i-n junctions
diodes
- I-n junctions, p-**
USE p-i-n junctions
- IA**
USE Iowa
- (IA), Cedar Rapids**
USE Cedar Rapids (IA)
- Iapetus**
- IBM computers**
- IBM PC**
USE IBM personal computers
- IBM personal computers**
- IBM 360 computer**
- IBM 370 computer**
- IBM 650 computer**
- IBM 704 computer**
- IBM 709 computer**
- IBM 1130 computer**
- IBM 1401 computer**
- IBM 1410 computer**
- IBM 1620 computer**
- IBM 2250 computer**
- IBM 7030 computer**
- IBM 7040 computer**
- IBM 7044 computer**
- IBM 7070 computer**
- IBM 7074 computer**
- IBM 7090 computer**
- IBM 7094 computer**
- Icarus asteroid**
- ICBM, Atlas**
USE Atlas ICBM
- ICBM, Atlas D**
USE Atlas D ICBM
- ICBM, Atlas E**
USE Atlas E ICBM
- ICBM, Atlas F**
USE Atlas F ICBM
- ICBM, Minuteman**
USE Minuteman ICBM
- ICBM (missiles)**
USE intercontinental ballistic missiles
- ICBM, titan**
USE titan ICBM
- ICBM, titan 1**
USE titan 1 ICBM
- ICBM, Titan 2**
USE Titan 2 ICBM
- Ice**
- (ice), aufeis**
USE aufeis (ice)
- ice, bay**
USE bay ice
- ice clouds**
- ice environments**
- ice floes**
- ice formation**
- ice interactions, air sea**
USE air sea ice interactions
- ice, lake**
USE lake ice
- ice, land**
USE land ice
- ice mapping**
- ice nuclei**
- ice observation**
USE ice reporting
- ice packs**
USE sea ice
- ice, pressure**
USE pressure ice
- ice prevention**
- ice reporting**
- ice, sea**
USE sea ice
- ice shelf, Ross**
USE Ross ice shelf
- ice shelves**
USE land ice
- icebergs**
- Iceland**
- Icelandic space program**
- ichthyology**
- icing**
USE ice formation
- icing, aircraft**
USE aircraft icing
- icing, de**
USE deicing
- icing, wing**
USE aircraft icing
- ICL computers**
- icosahedrons**
- icy satellites**
- ID**
USE Idaho
- (ID-MT-WY), Yellowstone National Park**
USE Yellowstone National Park (ID-MT-WY)
- (ID-OR-WA), Columbia River Basin**
USE Columbia River Basin (ID-OR-WA)
- Idaho**
- Ideal fluids**
- Ideal gas**
- Identification and Location Exper, Feature**
USE Feature Identification and Location Exper
- Identification, crop**
USE crop identification
- (Identification), IFF systems**
USE IFF systems (identification)
- Identification, parameter**
USE parameter identification
- Identification, rapid ballistics**
USE rapid ballistics identification
- Identification, system**
USE system identification
- Identification, timber**
USE timber identification
- Identify friend or foe**
USE IFF systems (identification)
- Identifying**
- Identities**
- IDEP (data exchange)**
USE interservice data exchange program
- Idlers**
- IFF systems (identification)**
- IFR (rules)**
USE instrument flight rules
- IGFET**
USE field effect transistors
- Igneous rocks**
- ignimbrite**
USE igneous rocks
- Igniters**
- (Igniting), firing**
USE firing (igniting)
- Ignition**
- ignition, electric**
USE electric ignition
- Ignition limits**
- ignition, solid propellant**
USE solid propellant ignition
- ignition, spark**
USE spark ignition
- Ignition systems**
- Ignition temperature**
- Ignitrons**
- IGOSS**
USE integrated global ocean station systems
- IGY (geophysical year)**
USE International Geophysical Year
- IHD (hydrological decade)**
USE International Hydrological Decade

II computer, Modcomp
USE Modcomp II computer

II regions, H
USE H II regions

IL
USE Illinois

(IL-IN-OH), Wabash River Basin
USE Wabash River Basin (IL-IN-OH)

IL-14 aircraft

IL-14 aircraft, Ilyushin
USE IL-14 aircraft

IL-62 aircraft

IL-62 aircraft, Ilyushin
USE IL-62 aircraft

Illiac computers

Illiac 3 computer

Illiac 4 computer

Illinois

Illite

Illuminance

illuminating

illumination

illuminators

illusion, elevator
USE elevator illusion

illusion, moon
USE moon illusion

illusion, optical
USE optical illusion

illusions

illusions, oculogravic
USE oculogravic illusions

Ilmenite

ILS (landing systems)
USE instrument landing systems

Ilyushin aircraft

Ilyushin IL-14 aircraft
USE IL-14 aircraft

Ilyushin IL-62 aircraft
USE IL-62 aircraft

image analysis

(image analysis), optical flow
USE optical flow (image analysis)

image classification

image contrast

image converters

(image correlator), SIMICOR
USE image correlators

image correlator, simultaneous
USE image correlators

image correlators

image displacement velocimetry, particle
USE particle image velocimetry

image dissector tubes

image enhancement

image filters

image furnaces

image intensifiers

image motion compensation

image orthicons

image processing

image reconstruction

image resolution

image rotation

image transducers

image tubes

image velocimetry, particle
USE particle image velocimetry

image velocity sensors

imagery

imagery, aerial
USE aerial photography

(imagery), boundary detection
USE edge detection

(imagery), geometric rectification
USE geometric rectification (imagery)

imagery, infrared
USE infrared imagery

imagery, microwave
USE microwave imagery

imagery, radar
USE radar imagery

imagery, satellite
USE satellite imagery

imagery, x ray
USE x ray imagery

images

images, after
USE afterimages

images, optical
USE images

images, retinal
USE retinal images

imaging, acoustic
USE acoustic imaging

imaging radar

Imaging Radar, Earth Resources Shuttle
USE Earth Resources Shuttle Imaging Radar

Imaging Radar, Shuttle
USE Shuttle Imaging Radar

Imaging radar (spacecraft), Venus orbiting
USE Venus orbiting imaging radar (spacecraft)

Imaging Scopes, Low Intensity X Ray
USE lixiscopes

imaging spectrometers

imaging techniques

imbeddings

imbeddings, invariant
USE invariant imbeddings

imbeddings (mathematics)

IMBLMS

Imbrian period, pre-
USE pre-Imbrian period

IMCC (control center)
USE integrated mission control center

IME satellite
USE International Magnetospheric Explorer

imides

imides, poly
USE polyimides

imines

IMLSS

immerslon
USE submerging

immersion, water
USE water immersion

immiscibility
USE solubility

immittance
USE electrical impedance

immobilization

immune systems

immunity

immunity, interference
USE interference immunity

immunoassay

immunoassay, radio
USE radioimmunoassay

immunodeficiency syndrome, acquired
USE acquired immunodeficiency syndrome

immunodeficiency virus, human
USE human immunodeficiency virus

immunology

IMP

IMP-A
USE Explorer 18 satellite

IMP-B
USE Explorer 21 satellite

IMP-C
USE Explorer 28 satellite

IMP-D
USE Explorer 33 satellite

IMP-E
USE Explorer 35 satellite

IMP-F
USE Explorer 34 satellite

IMP-G
USE Explorer 41 satellite

IMP-H
USE Explorer 47 satellite

IMP-I
USE Explorer 43 satellite

IMP-J
USE Explorer 50 satellite

IMP-1
USE Explorer 18 satellite

IMP-2

IMP-2
USE Explorer 21 satellite

IMP-3
USE Explorer 28 satellite

IMP-4
USE Explorer 34 satellite

IMP-5
USE Explorer 41 satellite

IMP-6
USE Explorer 43 satellite

IMP-7
USE Explorer 47 satellite

IMP-8
USE Explorer 50 satellite

Impact

Impact acceleration

Impact damage

Impact damage, rain
USE rain impact damage

Impact deceleration
USE impact acceleration

Impact, economic
USE economic impact

Impact, electron
USE electron impact

Impact fusion

Impact, hypervelocity
USE hypervelocity impact

Impact, ion
USE ion impact

Impact loads

Impact melts

Impact, point
USE point impact

Impact prediction

(Impact prediction), ARIP
USE impact prediction
computerized simulation

(Impact prediction), IP
USE computerized simulation

Impact predictors, automatic rocket
USE computerized simulation
impact prediction

Impact pressures
USE impact loads

Impact, proton
USE proton impact

Impact resistance

Impact sensitivity
USE impact resistance

Impact strength

Impact test, Charpy
USE Charpy impact test

Impact testing machines

Impact tests

Impact tolerances

Impactors

Impairment

IMPATT diodes
USE avalanche diodes

Impedance

Impedance, acoustic
USE acoustic impedance

Impedance, electrical
USE electrical impedance

Impedance matching

Impedance measurement

Impedance, mechanical
USE mechanical impedance

Impedance probes

Impedance probes, radio frequency
USE radio frequency impedance probes

Impedance, respiratory
USE respiratory impedance

(Impedances), ballasts
USE ballasts (impedances)

Impeller blades
USE rotor blades (turbomachinery)

Impellers

Impellers, pump
USE pump impellers

Imperfections
USE defects

Imperfections, lattice
USE crystal defects

Imperial Valley (CA)

Impingement

Impingement, jet
USE jet impingement

Implantation

Implantation, heart
USE heart implantation

Implantation, ion
USE ion implantation

Implanted electrodes (biology)

Implication

Implicit methods, alternating direction
USE alternating direction implicit methods

Implosions

Impregnating

Improved TIROS Operational Satellites
USE ITOS satellites

Improvement

Impulse generators

Impulse, high
USE high impulse

Impulse response filters, finite
USE FIR filters

Impulse, specific
USE specific impulse

Impulses

Impulses, electric
USE electric pulses

NASA THESAURUS VOLUME 2

Impulsive noise, helicopter
USE blade slap noise

Impurities

Impurities, atmospheric
USE air pollution

IMS
USE International Magnetospheric Study

In
USE indium

IN
USE Indiana

in, burn-
USE burn-in

in Earth Neighborhood, Origin of Plasmas
USE OPEN Project

in situ measurement

(in space), food production
USE food production (in space)

(in space), hazardous material disposal
USE hazardous material disposal (in space)

(in-flight), engine relight
USE air start

in-flight monitoring

in-flight starting
USE air start

IN-OH), Wabash River Basin (IL-
USE Wabash River Basin (IL-IN-OH)

Inactivation
USE deactivation

Incandescence

Incendiary ammunition

Incentive techniques

Incentives

incentives, contract
USE contract incentives

incentives, cost
USE cost incentives

Incidence

Incidence control, wave
USE wave incidence control

Incidence, grazing
USE grazing incidence

Incidence Solar Telescope, Grazing
USE GRIST (telescope)

Incidence telescopes, grazing
USE grazing incidence telescopes

Incident radiation

Incineration
USE incinerators

Incinerators

Inclination

(inclination), attitude
USE attitude (inclination)

(inclination), pitch
USE pitch (inclination)

Inclusions

Incoherence

Incoherent scatter radar

Incoherent Scatter Radar, European
USE EISCAT radar system (Europe)

Incoherent scattering

Income

Incompatibility

Incompressibility

Incompressible boundary layer

Incompressible flow

Incompressible fluids

Inconel (trademark)

Increasing

Indene

Indentation

Independent programs, machine-
USE machine-independent programs

Independent States, Commonwealth of
USE Commonwealth of Independent States

Independent variables

Index, absorptive
USE absorptivity

Index, environmental
USE environmental index

Index, KP
USE KP index

Index, leaf area
USE leaf area index

Index optics, gradient
USE gradient index optics

Index, Palmar sweat
USE Palmar sweat index

Index, refractive
USE refractivity

Index, vegetative
USE vegetative index

Indexes

Indexes (documentation)

Indexes, KWIC
USE KWIC indexes

Indexes, morphological
USE morphological indexes

Indexes, psychological
USE psychological tests

Indexes (ratios)

India

Indian Ocean

Indian space program

Indian Space Research Organization
USE ISRO

Indian spacecraft

(Indian spacecraft), IRS
USE Indian spacecraft

(Indian spacecraft), SEO
USE Indian spacecraft

Indiana

Indians, American
USE American Indians

indicating instruments

Indication

Indicators

Indicators, approach
USE approach indicators

Indicators, attitude
USE attitude indicators

Indicators, chemical
USE chemical indicators

Indicators, cloud height
USE cloud height indicators

Indicators, flow direction
USE flow direction indicators

Indicators, helicopter attitude
USE helicopters
attitude indicators

Indicators, moving target
USE moving target indicators

Indicators, plan position
USE plan position indicators

Indicators, position
USE position indicators

Indicators), PPI (position
USE plan position indicators

Indicators, range
USE range finders

Indicators, rate of climb
USE rate of climb indicators

Indicators, spacecraft position
USE spacecraft position indicators

Indicators, speed
USE speed indicators

Indicators, temperature
USE temperature measuring instruments
indicating instruments

Indicators, voltage variation
USE voltmeters

Indicators, weight
USE weight indicators

Indies, West
USE West Indies

Indium

Indium alloys

Indium antimonides

Indium arsenides

Indium compounds

Indium gallium arsenides

Indium isotopes

Indium phosphates

Indium phosphides

Indium sulfides

Indium tellurides

Indium-tin-oxide semiconductors
USE ITO (semiconductors)

Indoles

Indonesia

Indonesian space program

Indoor air pollution

Induced drag

Induced fluid flow
USE fluid flow

Induced fluorescence, laser
USE laser induced fluorescence

Induced oscillation, pilot
USE pilot induced oscillation

Induced vibration, self
USE self induced vibration

Inducers, helical
USE helical inducers

Inductance

Induction

Induction heating

Induction, magnetic
USE magnetic induction

Induction (mathematics)

Induction motors

Induction probes, magnetic
USE magnetic probes

Induction systems
USE intake systems

Inductors

Industrial areas

Industrial energy

Industrial management

Industrial plants

Industrial safety

Industrial wastes

Industrialization, space
USE space industrialization

Industries

(Industries), plants
USE industrial plants

Industry, aerospace
USE aerospace industry

Industry, aircraft
USE aircraft industry

Industry, construction
USE construction industry

Industry, defense
USE defense industry

(Industry), logging
USE logging (industry)

(Industry), process control
USE process control (industry)

Industry, weapons
USE weapons industry

Inelastic bodies
USE rigid structures

Inelastic collisions

Inelastic scattering

Inelastic scattering

Inelastic stress

Inequalities

Inequality, Schwartz
USE Schwartz inequality

Inert atmosphere

Inert gas welding, tungsten
USE gas tungsten arc welding

Inert gases
USE rare gases

Inertia

Inertia bonding

Inertia moments
USE moments of inertia

Inertia, moments of
USE moments of inertia

Inertia principle

Inertia principle, Mach
USE Mach inertia principle

Inertia wheels
USE counter-rotating wheels
reaction wheels

Inertial confinement fusion

Inertial coordinates

Inertial forces
USE inertia

Inertial fusion (reactor)

Inertial guidance

Inertial guidance, strapdown
USE strapdown inertial guidance

Inertial measuring units
USE inertial platforms

Inertial navigation

Inertial navigation, gimballed
USE gimbaled inertial navigation

Inertial platforms

Inertial reference systems

Inertial upper stage

Inertialess steerable antennas

Infarction

Infarction, myocardial
USE myocardial infarction

Infection, airborne
USE airborne infection

Infections
USE infectious diseases

Infectious diseases

Infeld theory, Born-
USE Born-Infeld theory

Inference

Infestation

Infiltration

Infiltration, chemical vapor
USE chemical vapor infiltration

Infinite span wings

Infinity

Infinity control, H-
USE H-infinity control

Inflatable devices
USE inflatable structures

Inflatable gliders

Inflatable spacecraft

Inflatable structures

Inflating

Inflection points

(Inflight), crew procedures
USE crew procedures (inflight)

Influence coefficient

Influence coefficients, structural
USE structural influence coefficients

Influenza

Inform Sys, Atmospheric & Oceanographic
USE Atmospheric & Oceanographic Inform Sys

Information

Information adaptive system

Information dissemination

Information flow

Information management

Information processing (biology)

Information retrieval

Information security, computer
USE computer information security

Information, selective dissemination of
USE selective dissemination of information

Information System, Earth Resources
USE Earth Resources Information System

Information systems

Information systems, geographic
USE geographic information systems

Information systems, management
USE management information systems

Information theory

Information theory, Shannon
USE information theory

Information transfer

Information transmission
USE data transmission

Infrared absorption

Infrared astronomy

Infrared astronomy satellite

Infrared cirrus (astronomy)

Infrared detectors

Infrared detectors, forward looking
USE FLIR detectors

Infrared filters

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Infrared horizon scanners
USE infrared scanners
horizon scanners

Infrared imagery

Infrared inspection

Infrared instruments

Infrared interferometers

Infrared Laboratory, German
USE German Infrared Laboratory

Infrared lasers

Infrared masers
USE infrared lasers

Infrared photography

Infrared photography, color
USE color infrared photography

Infrared photometry

Infrared radar

Infrared radiation

Infrared radiation, far
USE far infrared radiation

Infrared radiation, near
USE near infrared radiation

Infrared radiometers

Infrared reflection

Infrared scanners

Infrared signatures

Infrared sources (astronomy)

Infrared Space Observatory (ISO)

Infrared spectra

Infrared spectrometers

Infrared spectrometers, filter wheel
USE filter wheel infrared spectrometers

Infrared spectrophotometers

Infrared spectroscopy

Infrared spin scan radiometer, visible
USE visible infrared spin scan radiometer

Infrared stars

Infrared suppression

Infrared Telescope Facility, Space
USE Space Infrared Telescope Facility

Infrared Telescope on Spacelab, Large
USE LIRTS (telescope)

Infrared telescopes

Infrared tracking

Infrared windows

Infrasonic frequencies

Ingestion

Ingestion (biology)

Ingestion (engines)

Ingestion, spray
USE spray ingestion

ingots**ingredients****Ingress (spacecraft passageway)****inhabitants****Inhabitants, mountain**
USE mountain inhabitants**Inhalation**
USE respiration**inhibition****Inhibition), poisoning (reaction)**
USE poisoning (reaction inhibition)**inhibition (psychology)****inhibitors****inhibitors, wear**
USE wear inhibitors**inhomogeneity****inhour equation****Initial value problems**
USE boundary value problems**Initiated antiaircraft missiles, self**
USE SIAM missiles**initiation****initiation, crack**
USE crack initiation**initiators****initiators (explosives)****Injection****Injection, beam**
USE beam injection**Injection, carburetors**
USE fuel injection
carburetors**Injection, carrier**
USE carrier injection**Injection devices, charge**
USE charge injection devices**Injection, fluid**
USE fluid injection**Injection, fuel**
USE fuel injection**Injection, gas**
USE gas injection**Injection guidance****Injection, ion**
USE ion injection**Injection lasers****Injection, liquid**
USE liquid injection**Injection locking****Injection molding****Injection, secondary**
USE secondary injection**Injection, transearth**
USE transearth injection**Injection transit time diodes, barrier**
USE Barritt diodes**Injection, translunar**
USE translunar injection**Injection (wastes), deep well**
USE deep well injection (wastes)**Injection, water**
USE water injection**injectors****Injectors, vortex**
USE vortex injectors**Injun Explorer**
USE Explorer 25 satellite**Injun satellites****Injun 1 satellite****Injun 3 satellite****Injun 4 satellite****Injun 5 satellite**
USE Explorer 40 satellite**injuries****injuries, back**
USE back injuries**(Injuries), burns**
USE burns (injuries)**injuries, crash**
USE crash injuries**injuries, ejection**
USE ejection injuries**injuries, noise**
USE noise injuries**injuries, radiation**
USE radiation injuries**injuries, whiplash**
USE whiplash injuries**injury, parachuting**
USE parachuting injury**Inks****Inland waters****Inlet airframe configurations****Inlet (AK), Cook**
USE Cook Inlet (AK)**Inlet flow****Inlet nozzles****inlet pressure****inlet temperature****Inlets, air**
USE air intakes**inlets, conical**
USE conical inlets**Inlets (devices)**
USE intake systems**inlets, engine**
USE engine inlets**inlets, hypersonic**
USE hypersonic inlets**Inlets, internal compression**
USE internal compression inlets**inlets, nose**
USE nose inlets**Inlets, side**
USE side inlets**Inlets, supersonic**
USE supersonic inlets**Inlets, supersonic flow**
USE supersonic inlets**Inlets (topography)****inlets, transonic**
USE supersonic inlets**inliers (landforms)****Inner radiation belt****Inoculation****(Inoculation), seeding**
USE inoculation**Inoculum****(Inorganic), azides**
USE azides (inorganic)**Inorganic chemistry****Inorganic coatings****Inorganic compounds****Inorganic materials****Inorganic nitrates****Inorganic peroxides****Inorganic sulfides****Inositols****input****input multiple output, multiple**
USE MIMO (control systems)**input single output systems, single**
USE SISO (control systems)**Input/output routines****INSAT satellites**
USE Indian spacecraft**Insect damage**
USE infestation**Insecticides****Insects****Insensitivity**
USE sensitivity**insertion****insertion loss****insertion, orbit**
USE orbit insertion**inserts****inserts, nozzle**
USE nozzle inserts**inshore zones**
USE beaches**insolation****insomnia****inspection****inspection, infrared**
USE infrared inspection

inspection, X ray

inspection, X ray
USE X ray inspection

inspector satellite

inspiration

instability
USE stability

instability, acoustic
USE acoustic instability

instability, baroclinic
USE baroclinic instability

instability, combustion
USE combustion stability

instability, Goertler
USE Goertler instability

instability, Kelvin-Helmholtz
USE Kelvin-Helmholtz instability

instability, magnetospheric
USE magnetospheric instability

instability, plasma
USE magnetohydrodynamic stability

instability, Taylor
USE Taylor instability

instability, Taylor-Goertler
USE Goertler instability

instability, thermal
USE thermal instability

instability, Weibel
USE Weibel instability

instability, whirl
USE rotary stability

installation
USE installing

installation manuals

installing

instantons

institutions

instruction, computer assisted
USE computer assisted instruction

instruction multiple data stream, multiple
USE MIMD (computers)

instruction multiple datastream, single
USE SIMD (computers)

instruction, programmed
USE programmed instruction

instruction sets (computers)

instructions
USE education

instructors

instrument approach

instrument compensation

instrument drift
USE drift (instrumentation)

instrument errors

instrument flight rules

instrument landing systems

instrument modules, scientific
USE SIM

instrument orientation

instrument packages

instrument receivers

instrument transformers

instrument transmitters

instrumental analysis
USE automation
analyzing

instrumentation
USE instruments

instrumentation Aircraft, Advanced Range
USE Advanced Range Instrumentation Aircraft

instrumentation, bio
USE bioinstrumentation

(instrumentation), drift
USE drift (instrumentation)

instrumentation Facility, Deep Space
USE Deep Space Instrumentation Facility

(instrumentation facility), DSIF
USE Deep Space Instrumentation Facility

(instrumentation), ion traps
USE ion traps (instrumentation)

instrumentation, micro
USE microinstrumentation

instrumentation program, Army-Navy
USE Army-Navy instrumentation program

instrumentation Ship, Advanced Range
USE Advanced Range Instrumentation Ship

instrumentation ship, ARIS
USE Advanced Range Instrumentation Ship

instruments

instruments, aircraft
USE aircraft instruments

instruments, balloon-borne
USE balloon-borne instruments

instruments, engine monitoring
USE engine monitoring instruments

instruments, flight
USE flight instruments

instruments, flight test
USE flight test instruments

instruments, indicating
USE indicating instruments

instruments, infrared
USE infrared instruments

instruments, landing
USE landing instruments

instruments, measuring
USE measuring instruments

instruments, meteorological
USE meteorological instruments

instruments, navigation
USE navigation instruments

instruments, optical measuring
USE optical measuring instruments

instruments, plotting
USE plotters

(instruments), potentiometers
USE potentiometers (instruments)

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instruments, propellant actuated
USE propellant actuated instruments

instruments, radiation measuring
USE radiation measuring instruments

instruments, recording
USE recording instruments

instruments, rocket-borne
USE rocket-borne instruments

instruments, satellite
USE satellite instruments

instruments, satellite-borne
USE satellite-borne instruments

instruments, shock measuring
USE shock measuring instruments

instruments, solar
USE solar instruments

instruments, spacecraft
USE spacecraft instruments

instruments, surgical
USE surgical instruments

instruments, temperature
USE temperature measuring instruments

instruments, temperature measuring
USE temperature measuring instruments

instruments, time measuring
USE time measuring instruments

instruments, turbine
USE turbine instruments

insulated structures

insulating materials
USE insulation

insulation

insulation, electrical
USE electrical insulation

insulation, multilayer
USE multilayer insulation

insulation, thermal
USE thermal insulation

insulator semiconductors, metal
USE MIS (semiconductors)

insulator semiconductors, semiconductor
USE SIS (semiconductors)

insulator semiconductors, silicon-on-
USE SOI (semiconductors)

insulator superconductors, superconductor
USE SIS (superconductors)

insulator-metal diodes, metal-
USE MIM diodes

insulator-metal semiconductors, metal-
USE MIM (semiconductors)

insulators

insulin

insurance (contracts)

intake, food
USE food intake

intake systems

intakes, air
USE air intakes

Intakes, water
USE water intakes

Intasat satellite

Integ circuits, Diode-Transistor-Logic
USE DTL integrated circuits

Integ circuits, transistor-transistor-logic
USE TTL integrated circuits

Integ Med and Behavioral Lab Measur System
USE IMBLMS

Integ Program for Aerospace Veh Design
USE IPAD

Integers

Integral calculus

Integral equations

Integral equations, singular
USE singular integral equations

Integral formula, Cauchy
USE Cauchy integral formula

Integral functions
USE entire functions

Integral, J
USE J integral

Integral, Jacobi
USE Jacobi integral

Integral method, boundary
USE boundary integral method

Integral, phase-space
USE phase-space integral

Integral, Riemann
USE measure and integration

Integral rocket ramjets

Integral, Stieltjes
USE Stieltjes integral

Integral transformations

Integrals

Integrals, convolution
USE convolution integrals

Integrals, elliptic
USE elliptic functions

Integrals, Fresnel
USE Fresnel integrals

Integrals, Fresnel-Kirchhoff
USE Fresnel integrals

Integrals, transform
USE integral transformations

Integrated circuits

Integrated circuits, application specific
USE application specific integrated circuits

Integrated circuits, custom
USE application specific integrated circuits

Integrated circuits, DTL
USE DTL integrated circuits

Integrated circuits, linear
USE linear integrated circuits

Integrated circuits, TTL
USE TTL integrated circuits

Integrated circuits, very high speed
USE VHSIC (circuits)

Integrated Control project, Submarine
USE Submarine Integrated Control project

Integrated energy systems

Integrated global ocean station systems

Integrated library systems

Integrated Maneuvering Life Support Sys
USE IMLSS

Integrated mission control center

Integrated optics

Integrated reconnaissance system, airborne
USE airborne integrated reconnaissance system

Integrated Utility System, Modular
USE Modular Integrated Utility System

Integration, binary
USE binary integration

Integration, data
USE data integration

Integration, engine airframe
USE engine airframe integration

Integration, functional
USE functional integration

Integration laboratory, shuttle avionics
USE SAIL project

Integration, large scale
USE large scale integration

Integration, measure and
USE measure and integration

Integration, medium scale
USE medium scale integration

Integration, numerical
USE numerical integration

Integration, payload
USE payload integration

Integration plan, payload
USE payload integration plan

Integration (real variables)
USE measure and integration

Integration, systems
USE systems integration

Integration, very large scale
USE very large scale integration

Integrators

Integrators, digital
USE digital integrators

Integrity

Integrity, computer program
USE computer program integrity

Integrodifferential equations
USE integral equations
differential equations

Intel 8080 microprocessor

Intellect

Intelligence

Intelligence, artificial
USE artificial intelligence

Intelligence, extraterrestrial
USE extraterrestrial intelligence

Intelligence, knowledge bases (artificial)
USE knowledge bases (artificial intelligence)

Intelligence, Search for Extraterrestrial
USE Project SETI

Intelligence tests

Intelligent structures
USE smart structures

Intelligibility

Intelsat satellites

Intensification
USE amplification

Intensifier tubes
USE image intensifiers

Intensifiers

Intensifiers, image
USE image intensifiers

Intensity

Intensity, electron
USE electron flux density

Intensity factors, stress
USE stress intensity factors

Intensity lasers, high
USE high power lasers

Intensity, light
USE luminous intensity

Intensity, luminescent
USE luminous intensity

Intensity, luminous
USE luminous intensity

Intensity, magnetic field
USE magnetic flux

Intensity meters, field
USE field intensity meters

Intensity, noise
USE noise intensity

Intensity, particle
USE particle intensity

Intensity, radiant
USE radiant flux density

Intensity, radiation
USE radiant flux density

Intensity, sound
USE sound intensity

Intensity X Ray Imaging Scopes, Low
USE lixiscopes

Interacting galaxies

Interaction, blade-vortex
USE blade-vortex interaction

Interaction, configuration
USE configuration interaction

Interaction experiment, plasma
USE plasma interaction experiment

Interaction experiments, space plasma H/V
USE sphinx

Interaction, flame
USE flame propagation
chemical reactions

Interaction, galaxy
USE interacting galaxies

interaction, photon-electron

interaction, photon-electron

USE photon-electron interaction

interaction, plasma-electromagnetic

USE plasma-electromagnetic interaction

interaction, shock wave

USE shock wave interaction

interaction, vortex-blade

USE blade-vortex interaction

interaction, wave

USE wave interaction

interactional aerodynamics

interactions

interactions, air land

USE air land interactions

interactions, air sea

USE air water interactions

interactions, air sea ice

USE air sea ice interactions

interactions, air water

USE air water interactions

interactions, atomic

USE atomic interactions

interactions, beam

USE beam interactions

interactions, beta

USE weak interactions (field theory)

interactions, electromagnetic

USE electromagnetic interactions

interactions, electron

USE electron scattering

interactions, electron phonon

USE electron phonon interactions

interactions, elementary particle

USE elementary particle interactions

interactions (field theory), strong

USE strong interactions (field theory)

interactions (field theory), weak

USE weak interactions (field theory)

interactions, fluid-solid

USE fluid-solid interactions

interactions, gas-gas

USE gas-gas interactions

interactions, gas-ion

USE gas-ion interactions

interactions, gas-liquid

USE gas-liquid interactions

interactions, gas-metal

USE gas-metal interactions

interactions, gas-solid

USE gas-solid interactions

interactions, high energy

USE high energy interactions

interactions, ion atom

USE ion atom interactions

interactions, ion-gas

USE gas-ion interactions

interactions, laser plasma

USE laser plasma interactions

interactions, laser target

USE laser target interactions

interactions, man environment

USE man environment interactions

interactions, meson-meson

USE meson-meson interactions

interactions, meson-nucleon

USE meson-nucleon interactions

interactions, molecular

USE molecular interactions

interactions, nuclear

USE nuclear interactions

interactions, nucleon-nucleon

USE nucleon-nucleon interactions

interactions, particle

USE particle interactions

interactions, plasma

USE plasma interactions

interactions, plasma-particle

USE plasma-particle interactions

interactions, rotor body

USE rotor body interactions

interactions, solar planetary

USE solar planetary interactions

interactions, solar terrestrial

USE solar terrestrial interactions

interactions, sound-sound

USE sound-sound interactions

interactions, spin-orbit

USE spin-orbit interactions

interactions, surface

USE surface reactions

interactions, surface noise

USE surface noise interactions

interactions, wave-particle

USE wave-particle interactions

interactions, weak energy

USE weak energy interactions

interactive control

interactive graphics

USE computer graphics

interactive multimedia

USE multimedia

Interactive Planning System, NASA

USE NASA Interactive Planning System

interatomic forces

intercalation

interception

interceptor aircraft

USE fighter aircraft

interceptors

interceptors, satellite

USE satellite interceptors

interconnection

USE joining

intercontinental ballistic missiles

intercosmos satellites

intercranial circulation

interdigital transducers

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interface, graphical user

USE graphical user interface

interface, human-computer

USE man-computer interface

interface, man-computer

USE man-computer interface

interface stability

interface, user-computer

USE man-computer interface

interfaces

interfaces, gas-solid

USE gas-solid interfaces

interfaces, liquid-liquid

USE liquid-liquid interfaces

interfaces, liquid-solid

USE liquid-solid interfaces

interfaces, liquid-vapor

USE liquid-vapor interfaces

interfaces, solid-solid

USE solid-solid interfaces

interfacial energy

interfacial strain

USE interfacial tension

interfacial tension

interference

interference, aerodynamic

USE aerodynamic interference

interference drag

interference, electromagnetic

USE electromagnetic interference

interference factor table

interference fit

interference grating

interference immunity

interference, intersymbolic

USE intersymbolic interference

interference lift

interference monochromatization

USE monochromatization
diffraction

interference, radio

USE radio frequency interference

interference, radio frequency

USE radio frequency interference

interference, support

USE support interference

interferograms

USE interferometry

interferometers

interferometers, Fabry-Perot

USE Fabry-Perot interferometers

interferometers, infrared

USE infrared interferometers

interferometers, Mach-Zehnder

USE Mach-Zehnder interferometers

interferometers, Michelson

USE Michelson interferometers

interferometers, microwave
USE microwave interferometers

interferometers, phase switching
USE phase switching interferometers

interferometers, radio
USE radio interferometers

interferometers, superconducting quantum
USE squid (detectors)

interferometry

interferometry, astronomical
USE astronomical interferometry

interferometry, differential
USE differential interferometry

interferometry, holographic
USE holographic interferometry

interferometry, laser
USE laser interferometry

interferometry, Moire
USE Moire interferometry

interferometry network, Orion (radio
USE Orion (radio interferometry network)

interferometry, speckle
USE speckle interferometry

interferometry, very long base
USE very long base interferometry

interferon

intergalactic media

intergranular corrosion

interim stages (spacecraft)

interim upper stage (STS)
USE inertial upper stage

interior ballistics

interior, solar
USE solar interior

interiors, aircraft
USE aircraft compartments

interiors, stellar
USE stellar interiors

interlacing drainage
USE drainage patterns

interlaminar stress

interlayers

interlocking
USE locking

intermedia
USE multimedia

intermediate frequencies

intermediate frequency amplifiers

intermediate range ballistic missiles

intermetallics

intermittency

intermittency hypothesis

intermodulation

intermolecular forces

intermontane floors
USE valleys

internal combustion engines

internal compression inlets

internal conversion

internal energy

internal friction

internal pressure

internal stress
USE residual stress

internal waves

International Cometary Explorer
USE International Sun Earth Explorer 3

International Computers Limited
USE ICL computers

international cooperation

International Field Year for Great Lakes

International Geophysical Year

International Geosphere-Biosphere program

International Hydrological Decade

international law

International Magnetospheric Explorer

International Magnetospheric Study

international practical temperature
USE temperature scales

International Quiet Sun Year

international relations

International Satellite Cloud Climatology
USE ISCCP Project

International Satellite Geodesy Experiment

International Sats for Ionospheric Study
USE ISIS satellites

International Solar Polar Mission
USE Ulysses mission

International Space Year

International Sun Earth Explorer 1

International Sun Earth Explorer 2

International Sun Earth Explorer 3

International Sun Earth Explorers

International System of Units

international trade

International Ultraviolet Explorer
USE IUE

(international year), IQSY
USE International Quiet Sun Year

internuclear properties

interorbital trajectories

interpersonal relations
USE human relations

interphones

interplanetary communication

interplanetary dust

Interplanetary Explorer
USE Explorer 18 satellite

Interplanetary flight

Interplanetary gas

interplanetary magnetic fields

Interplanetary medium

Interplanetary Monitoring Platform
USE IMP

Interplanetary navigation

Interplanetary propulsion
USE interplanetary spacecraft
rocket engines

Interplanetary space

Interplanetary spacecraft

interplanetary trajectories

interplanetary transfer orbits

interpolation

interpolators
USE repeaters

Interpretation

interpretation, photo
USE photointerpretation

Interpretation, photograph
USE photointerpretation

interprocessor communication

Interrelationships
USE relationships

interrogation

interruption

intersections

interservice data exchange program

interstellar chemistry

Interstellar communication

interstellar extinction

Interstellar gas

interstellar magnetic fields

Interstellar masers

interstellar matter

Interstellar microwave spectra
USE interstellar radiation
microwave spectra

Interstellar radiation

Interstellar reddening
USE interstellar extinction

interstellar space

Interstellar spacecraft

interstellar travel

interstices

Interstitials

Intersymbolic interference

Intertropical convergent zones

interval scanners, multiple beam

interval scanners, multiple beam

USE multiple beam interval scanners

intervals

(intervals), windows

USE windows (intervals)

intervehicle spacecrew transfer

USE spacecrew transfer

intervertebral disks

intestines

intoxication

intracranial cavity

intracranial pressure

intramolecular structures

intraocular pressure

intraorbit transfer vehicles

intratheater transport, light

USE light intratheater transport

intravascular system

intravehicular activity

intravenous procedures

introversion

intruder aircraft

USE A-6 aircraft

intrusion

intrusions, rock

USE rock intrusions

intrusive measurement, non-

USE nonintrusive measurement

invader aircraft

USE B-26 aircraft

invalidity

USE errors

invariance

invariance, gauge

USE gauge invariance

invariant imbeddings

inventions

inventories

inventories by Remote Sensing, Crop

USE AgRISTARS project

inventories, crop

USE crop inventories

inventory controls

Inventory Experiment, Large Area Crop

USE Large Area Crop Inventory Experiment

inventory management

inventory, timber

USE timber inventory

inverse kinematics

inverse scattering

inversion, population

USE population inversion

inversions

inversions, magnetic field

USE magnetic field inversions

inversions, temperature

USE temperature inversions

invertebrates

inverted converters (DC to AC)

inverters

inverters, static

USE static inverters

investigation

Investigation, accident

USE accident investigation

Investigation, aircraft accident

USE aircraft accident investigation

investment

Investment casting

investments

inviscid flow

invisibility

USE visibility

Involuntariness

USE involuntary actions

Involuntary actions

Io

Iodates

Iodates, lithium

USE lithium iodates

Iodides

Iodides, cesium

USE cesium iodides

Iodides, hafnium

USE hafnium iodides

Iodides, niobium

USE niobium iodides

Iodides, potassium

USE potassium iodides

Iodides, silver

USE silver iodides

Iodides, sodium

USE sodium iodides

Iodides, zirconium

USE zirconium iodides

Iodimetry

Iodine

Iodine compounds

Iodine isotopes

Iodine lasers

Iodine 125

Iodine 131

Iodine 132

Iodoacetic acid

Ion accelerators

Ion acoustic waves

NASA THESAURUS VOLUME 2

Ion atom interactions

ion beams

Ion chambers

USE ionization chambers

Ion charge

Ion clouds, barium

USE barium ion clouds

Ion concentration

Ion currents

Ion cyclotron radiation

Ion density (concentration)

Ion density, ionospheric

USE ionospheric ion density

Ion density, magnetospheric

USE magnetospheric ion density

Ion distribution

Ion emission

Ion engines

Ion engines, mercury

USE mercury ion engines

Ion exchange membrane electrolytes

Ion exchange resins

Ion exchanging

Ion extraction

Ion gages

USE ionization gages

Ion impact

Ion implantation

Ion injection

Ion interactions, gas-

USE gas-ion interactions

Ion irradiation

Ion mass spectrometers, retarding

USE mass spectrometers

Ion mass spectrometry, secondary

USE secondary ion mass spectrometry

Ion microscopes

Ion motion

Ion oscillation

USE plasma oscillations

Ion plating

Ion probes

Ion production rates

Ion propulsion

Ion pumps

Ion recombination

Ion recombination, electron-

USE electron-ion recombination

Ion scattering

Ion selective electrodes

Ion sheaths

ion sources**ion spectrometers**

USE mass spectrometers

ion storage**ion stripping****ion temperature****ion thruster engines, radio frequency**

USE RIT engines

ion traps (instrumentation)**ion-gas interactions**

USE gas-ion interactions

ionic collisions**ionic conductivity**

USE ion currents

ionic crystals**ionic diffusion****ionic mobility****ionic propellants**

USE ion engines

ionic reactions**ionic waves****ionization****ionization, atmospheric**

USE atmospheric ionization

ionization, auroral

USE auroral ionization

ionization, auto

USE autoionization

ionization chambers**ionization coefficients****ionization counters**

USE radiation counters

ionization cross sections**ionization, de**

USE deionization

ionization, electron

USE ionization

ionization, flame

USE flame ionization

ionization frequencies**ionization gages****ionization gages, Bayard-Alpert**

USE Bayard-Alpert ionization gages

ionization gages, Philips

USE Philips ionization gages

ionization, gas

USE gas ionization

ionization, meteoriticUSE atmospheric ionization
meteor trails**ionization, nonequilibrium**

USE nonequilibrium ionization

ionization, photo

USE photoionization

ionization potentials**ionization, surface**

USE surface ionization

ionized gases**ionized plasmas**

USE plasmas (physics)

ionizers**ionizing radiation****ionograms****ionopause****ionosondes****ionosphere beacon, polar**

USE Beacon satellites

ionosphere coupling, magnetosphere-

USE magnetosphere-ionosphere coupling

ionosphere, Earth

USE Earth ionosphere

ionosphere Explorer A

USE Explorer 20 satellite

ionosphere, lower

USE lower ionosphere

ionosphere, lunar

USE lunar atmosphere

ionosphere, upper

USE upper ionosphere

ionosphere waveguide, Earth-

USE Earth-ionosphere waveguide

ionosphere-magnetosphere coupling

USE magnetosphere-ionosphere coupling

ionospheres**ionospheres, planetary**

USE planetary ionospheres

ionospheric absorptionUSE ionospheric propagation
electromagnetic absorption**ionospheric blackout**

USE blackout (propagation)

ionospheric composition**ionospheric conductivity****ionospheric cross modulation****ionospheric currents****ionospheric disturbances****(ionospheric disturbances), SID**

USE sudden ionospheric disturbances

ionospheric disturbances, sudden

USE sudden ionospheric disturbances

ionospheric disturbances, traveling

USE traveling ionospheric disturbances

ionospheric drift**ionospheric electron density****ionospheric F-scatter propagation****ionospheric heating****ionospheric ion density****ionospheric noise****ionospheric propagation****ionospheric reflection**

USE ionospheric propagation

ionospheric sounder, orbiting radio beacon

USE ORBIS

ionospheric sounding**ionospheric storms****ionospheric Study, International Sats for**

USE ISIS satellites

ionospheric temperature**ionospheric tilts****ionospherics****ions****ions, an**

USE anions

ions, cat

USE cations

ions, cesium

USE cesium ions

ions, ferric

USE ferric ions

ions, formyl

USE formyl ions

ions, heavy

USE heavy ions

ions, helium

USE helium ions

ions, hydrogen

USE hydrogen ions

ions, hydronium

USE hydronium ions

ions, light

USE light ions

ions, manganese

USE manganese ions

ions, metal

USE metal ions

ions, molecular

USE molecular ions

ions, negative

USE negative ions

ions, nitrogen

USE nitrogen ions

ions, oxygen

USE oxygen ions

ions, positive

USE positive ions

ions, recoil

USE recoil ions

ions, trivalent

USE trivalent ions

Iowa**IP (impact prediction)**

USE computerized simulation

IPAD**IQSY (international year)**

USE International Quiet Sun Year

Ir

USE iridium

IR Astronomy, Stratospheric Observatory for

IR Astronomy, Stratospheric Observatory for

USE SOFIA (airborne observatory)

IR lasers

USE infrared lasers

Iran

Iraq

IRAS

USE infrared astronomy satellite

IRAS-Araki-Alcock comet

Irasers

USE infrared lasers

IRBM (missiles)

USE intermediate range ballistic missiles

Ireland

Ireland, Northern

USE Northern Ireland

Iridescence

Iridium

Iridium alloys

Iridium compounds

Iridium isotopes

IRIS satellites

irises (mechanical apertures)

iron

Iron alloys

Iron batteries, nickel

USE nickel iron batteries

Iron chlorides

Iron compounds

Iron cyanides

Iron garnet, yttrium-

USE yttrium-iron garnet

iron isotopes

iron meteorites

iron meteorites, stony-

USE stony-iron meteorites

Iron ores

Iron oxides

Iron 57

Iron 58

Iron 59

Iroquois helicopter

USE UH-1 helicopter

Iroquois rocket vehicle, Nike-

USE Nike-Iroquois rocket vehicle

irradiance

irradiation

irradiation, auroral

USE auroral irradiation

irradiation, deuteron

USE deuteron irradiation

irradiation, electron

USE electron irradiation

irradiation, ion

USE ion irradiation

irradiation, neutron

USE neutron irradiation

irradiation, proton

USE proton irradiation

irradiation, X ray

USE X ray irradiation

Irrationality

Irregular galaxies

Irregular variable stars

Irregularities

Irreversible processes

Irrigation

Irritation

Irrotational flow

USE potential flow

IRS (Indian spacecraft)

USE Indian spacecraft

ISAGEX

USE International Satellite Geodesy Experiment

ISCCP Project

ISCCP Regional Experiment, First

USE FIRE (climatology)

Ischemia

ISEE

USE International Sun Earth Explorers

Isentropes

Isentropic processes

Ising model

ISIS satellites

ISIS-A

ISIS-B

ISIS-X

Iskra aircraft

USE TS-11 aircraft

island arcs

Island (FL), Merritt

USE Merritt Island (FL)

Island, Johnston

USE Johnston Island

Island (MD-VA), Assateague

USE Assateague Island (MD-VA)

(Island), New Guinea

USE New Guinea (island)

Island (NY), Long

USE Long Island (NY)

Island, Prince Edward

USE Prince Edward Island

Island, Rhode

USE Rhode Island

Island Sound (RI), Block

USE Block Island Sound (RI)

NASA THESAURUS VOLUME 2

Island, Wallops

USE Wallops Island

islands

Islands, Canary

USE Canary Islands

Islands, heat

USE heat islands

(Islands), keys

USE keys (islands)

Islands, Kurile

USE Kurile Islands

Islands, Maldive

USE Maldive Islands

Islands, Pacific

USE Pacific islands

Islands (US), Aleutian

USE Aleutian Islands (US)

Islands, Virgin

USE Virgin Islands

(ISO), Infrared Space Observatory

USE Infrared Space Observatory (ISO)

isobars

isobars, nuclear

USE nuclear isobars

isobars (pressure)

isobutane

USE butanes

isobutylene

USE butenes

isochoric processes

isochromatics

isochronous cyclotron, Oak Ridge

USE Oak Ridge isochronous cyclotron

isocyanates

isocyanates, di

USE diisocyanates

isoelectronic sequence

isoenergetic processes

isolation

isolation, social

USE social isolation

isolators

isolators, vibration

USE vibration isolators

isomerization

isomers

isomorphism

isoparametric finite elements

isoperimetric problem

isophotes

isopleths

USE nomographs

isopropyl alcohol

isopropyl compounds

isopropyl nitrate

isopycnic processes**isostasy**

isostatic pressing, hot
USE hot isostatic pressing

isostatic pressure

isosteric processes
USE isopycnic processes

isotensoid structures**isothermal flow****isothermal layers****isothermal processes****isotherms****isotonicity****isotope effect**

isotope reactors, high flux
USE high flux isotope reactors

isotope separation

isotope shift
USE isotope effect

isotopes

isotopes, aluminum
USE aluminum isotopes

isotopes, americium
USE americium isotopes

isotopes, antimony
USE antimony isotopes

isotopes, argon
USE argon isotopes

isotopes, arsenic
USE arsenic isotopes

isotopes, astatine
USE astatine isotopes

isotopes, barium
USE barium isotopes

isotopes, beryllium
USE beryllium isotopes

isotopes, bismuth
USE bismuth isotopes

isotopes, boron
USE boron isotopes

isotopes, bromine
USE bromine isotopes

isotopes, cadmium
USE cadmium isotopes

isotopes, calcium
USE calcium isotopes

isotopes, californium
USE californium isotopes

isotopes, carbon
USE carbon isotopes

isotopes, cerium
USE cerium isotopes

isotopes, cesium
USE cesium isotopes

isotopes, chromium
USE chromium isotopes

isotopes, cobalt
USE cobalt isotopes

isotopes, copper
USE copper isotopes

isotopes, curium
USE curium isotopes

isotopes, dysprosium
USE dysprosium isotopes

isotopes, erbium
USE erbium isotopes

isotopes, europium
USE europium isotopes

isotopes, fluorine
USE fluorine isotopes

isotopes, gadolinium
USE gadolinium isotopes

isotopes, gallium
USE gallium isotopes

isotopes, germanium
USE germanium isotopes

isotopes, gold
USE gold isotopes

isotopes, hafnium
USE hafnium isotopes

isotopes, helium
USE helium isotopes

isotopes, holmium
USE holmium isotopes

isotopes, hydrogen
USE hydrogen isotopes

isotopes, indium
USE indium isotopes

isotopes, iodine
USE iodine isotopes

isotopes, iridium
USE iridium isotopes

isotopes, iron
USE iron isotopes

isotopes, krypton
USE krypton isotopes

isotopes, lanthanum
USE lanthanum isotopes

isotopes, lead
USE lead isotopes

isotopes, lithium
USE lithium isotopes

isotopes, lutetium
USE lutetium isotopes

isotopes, magnesium
USE magnesium isotopes

isotopes, manganese
USE manganese isotopes

isotopes, mercury
USE mercury isotopes

isotopes, molybdenum
USE molybdenum isotopes

isotopes, neodymium
USE neodymium isotopes

isotopes, neon
USE neon isotopes

isotopes, neptunium
USE neptunium isotopes

isotopes, nickel
USE nickel isotopes

isotopes, niobium
USE niobium isotopes

isotopes, nitrogen
USE nitrogen isotopes

isotopes, nobelium
USE nobelium isotopes

isotopes, osmium
USE osmium isotopes

isotopes, oxygen
USE oxygen isotopes

isotopes, palladium
USE palladium isotopes

isotopes, phosphorus
USE phosphorus isotopes

isotopes, platinum
USE platinum isotopes

isotopes, plutonium
USE plutonium isotopes

isotopes, polonium
USE polonium isotopes

isotopes, potassium
USE potassium isotopes

isotopes, praseodymium
USE praseodymium isotopes

isotopes, promethium
USE promethium isotopes

isotopes, protactinium
USE protactinium isotopes

isotopes, radioactive
USE radioactive isotopes

isotopes, radium
USE radium isotopes

isotopes, radon
USE radon isotopes

isotopes, rhenium
USE rhenium isotopes

isotopes, rhodium
USE rhodium isotopes

isotopes, rubidium
USE rubidium isotopes

isotopes, ruthenium
USE ruthenium isotopes

isotopes, samarium
USE samarium isotopes

isotopes, scandium
USE scandium isotopes

isotopes, selenium
USE selenium isotopes

isotopes, silicon
USE silicon isotopes

isotopes, silver
USE silver isotopes

isotopes, sodium
USE sodium isotopes

isotopes, strontium
USE strontium isotopes

isotopes, sulfur

isotopes, sulfur

USE sulfur isotopes

isotopes, tantalum

USE tantalum isotopes

isotopes, technetium

USE technetium isotopes

isotopes, tellurium

USE tellurium isotopes

isotopes, terbium

USE terbium isotopes

isotopes, thallium

USE thallium isotopes

isotopes, thorium

USE thorium isotopes

isotopes, thulium

USE thulium isotopes

isotopes, tin

USE tin isotopes

isotopes, titanium

USE titanium isotopes

isotopes, tungsten

USE tungsten isotopes

isotopes, uranium

USE uranium isotopes

isotopes, vanadium

USE vanadium isotopes

isotopes, xenon

USE xenon isotopes

isotopes, ytterbium

USE ytterbium isotopes

isotopes, yttrium

USE yttrium isotopes

isotopes, zinc

USE zinc isotopes

isotopes, zirconium

USE zirconium isotopes

isotopic enrichment

isotopic labeling

isotopic spin

isotropic media

isotropic turbulence

isotropism

isotropy

isotropy, an

USE anisotropy

isotropy, spatial

USE isotropy
spatial distribution

Israel

Israeli space program

Israeli spacecraft

ISRO

Isthmuses

ISY

USE International Space Year

Italian space program

Italy

itching

iteration

iterative networks

iterative solution

ITO (semiconductors)

ITOS satellites

ITOS 1

ITOS 2

ITOS 3

ITOS 4

IUE

IUS

USE inertial upper stage

IV computer, Modcomp

USE Modcomp IV computer

Ivory Coast

USE Cote d'Ivoire

Ivuna meteorite

Izsak ellipsoid

USE geodesy
ellipsoids

I2S cameras

J

J, IMP-

USE Explorer 50 satellite

J integral

J, OSO-

USE OSO-8

J, Space Shuttle mission 51-

USE Space Shuttle mission 51-J

J-2 engine

J-33 engine

J-34 engine

J-47 engine

J-52 engine

J-57 engine

J-57-P-20 engine

J-58 engine

J-65 engine

J-69-T-25 engine

J-71 engine

J-73 engine

J-75 engine

J-79 engine

J-85 engine

J-93 engine

J-97 engine

NASA THESAURUS VOLUME 2

Jabiru rocket vehicle

USE Jaguar rocket vehicle

jackets

jacking equipment

USE jacks (lifts)

jacks

jacks (electrical)

USE electric connectors

jacks (lifts)

Jacobi equation, Hamilton-

USE Hamilton-Jacobi equation

Jacobi integral

Jacobi matrix method

Jacobi polynomials

USE hypergeometric functions

Jaguar aircraft

Jaguar rocket vehicle

Jahn-Teller effect

Jamaica

jammers

jamming

Janus

Janus Reactor

Janus spacecraft

Japan

Japan, Sea of

USE Sea of Japan

Japanese space program

Japanese spacecraft

(Japanese spacecraft), MOS

USE Japanese spacecraft

jarring

USE mechanical shock

JATO engines

Javelin aircraft

USE GA-5 aircraft

Javelin rocket vehicle

Javelin rocket vehicle, Nike-

USE Nike-Javelin rocket vehicle

JC-130 aircraft

USE C-130 aircraft

Jeans theory

jeeps

USE automobiles

jerboas

Jersey, New

USE New Jersey

jet aircraft

jet aircraft, Alpha

USE Alpha jet aircraft

jet aircraft, Lear

USE Lear jet aircraft

jet aircraft noise

jet airstreams
USE jet streams (meteorology)

jet amplifiers

jet amplifiers, fluid
USE jet amplifiers
fluid amplifiers

jet assisted takeoff
USE JATO engines

jet augmented wing flaps
USE jet flaps
wing flaps

jet backpacks, reaction
USE self maneuvering units

jet blast effects

jet boundaries

jet condensers

jet control

jet damping
USE damping
spin reduction

Jet Dragon aircraft
USE DH 125 aircraft

jet drive
USE jet propulsion

jet engine fuels

jet engines

jet engines, arc
USE arc jet engines

jet engines, pulsed
USE pulsed jet engines

jet exhaust

jet exhaust, hot
USE jet exhaust
high temperature gases

jet flames
USE jet flow
flames

jet flaps

jet flight
USE jet aircraft

jet flow

jet flow, peripheral
USE peripheral jet flow

jet flow, supersonic
USE supersonic jet flow

jet fuel, JP-4
USE JP-4 jet fuel

jet fuel, JP-5
USE JP-5 jet fuel

jet fuel, JP-6
USE JP-6 jet fuel

jet fuel, JP-8
USE JP-8 jet fuel

jet fuels
USE jet engine fuels

jet impingement

jet lag

jet lift

jet membrane process

jet mixing flow

jet noise
USE jet aircraft noise

jet nozzles

jet pilots
USE aircraft pilots

jet propulsion

jet provost aircraft

jet pumps
Jet Star aircraft
USE C-140 aircraft

jet streams (meteorology)

jet synthesis, plasma
USE plasma jet synthesis

jet thrust

jet trainer, L-29
USE L-29 jet trainer

jet vanes

jet wind tunnels, plasma
USE plasma jet wind tunnels

jetavators
USE guide vanes

jets

jets, air
USE air jets

jets (astronomy), radio
USE radio jets (astronomy)

jets, electro
USE electrojets

jets, exhaust
USE exhaust gases

jets, fluid
USE fluid jets

jets, free
USE free jets

jets, gas
USE gas jets

jets, hot
USE jet flow

jets, hydraulic
USE hydraulic jets

jets, laminar
USE jet flow
laminar flow

jets, particle laden
USE particle laden jets

jets, plasma
USE plasma jets

jets, reaction
USE jet flow
jet thrust

jets, turbulent
USE turbulent jets

jets, two dimensional
USE two dimensional jets

jets, vapor
USE vapor jets

jets, wall
USE wall jets

jets, water
USE hydraulic jets

Jetstream aircraft

jetties
USE breakwaters

jettison systems

jettisoning

JF 101 aircraft
USE F-101 aircraft

JFET

jigs

Jikiken satellite
USE EXOS-B satellite

jimsphere balloons

Jindivik target aircraft

jitter
USE vibration

Joaquin Valley (CA), San
USE San Joaquin Valley (CA)

jobs
USE tasks

Jodrell Bank Observatory

Joe 2 launch vehicle, Little
USE Little Joe 2 launch vehicle

John rocket vehicle, Honest
USE Honest John rocket vehicle

John rocket vehicle, Little
USE Little John rocket vehicle

Johnston Island

joined wings

joining

Joint European Torus

joints, ad
USE adjoints

joints (anatomy)

joints, bolted
USE bolted joints

joints, bonded
USE bonded joints

joints, butt
USE butt joints

joints (junctions)

joints, lap
USE lap joints

joints, metal
USE metal joints

joints, riveted
USE riveted joints

(joints), seams
USE seams (joints)

joints, soldered
USE soldered joints

joints, welded
USE welded joints

Jones gas, Lennard

Jones gas, Lennard-
USE Lennard-Jones gas

Jones potential, Lennard-
USE Lennard-Jones potential

Jordan

Jordan form

Josephson junctions

Jouget flame, Chapman-
USE detonation
chemical equilibrium
flame propagation

Joukowski condition, Kutta-
USE Kutta-Joukowski condition

Joukowski transformation

Joule heating
USE ohmic dissipation
resistance heating

Joule-Thomson effect

journal bearings

journals

journals (documents)
USE periodicals

journals (shafts)
USE shafts (machine elements)

JP-4 jet fuel

JP-5 jet fuel

JP-6 jet fuel

JP-8 jet fuel

Juan Mountains (CO), San
USE San Juan Mountains (CO)

judgments

Judi-Dart rocket

juices

jumpers

junction, con
USE conjunction

junction diodes

junction field effect transistors
USE JFET

junction solar cells, vertical
USE vertical junction solar cells

junction transistors

junctions

junctions, hetero
USE heterojunctions

(junctions), joints
USE joints (junctions)

junctions, Josephson
USE Josephson junctions

junctions, MBM
USE MBM junctions

junctions, metal-barrier-metal
USE MBM junctions

junctions, n-n
USE n-n junctions

junctions, n-p
USE p-n junctions

junctions, n-p-n
USE n-p-n junctions

junctions, p-i-n
USE p-i-n junctions

junctions, p-n
USE p-n junctions

junctions, p-n-p
USE p-n-p junctions

junctions, p-n-p-n
USE p-n-p-n junctions

junctions, semiconductor
USE semiconductor junctions

junctions, silicon
USE silicon junctions

junctions, silicon-on-sapphire
USE SOS (semiconductors)

junctions, tunnel
USE tunnel junctions

jungles
USE tropical regions

Juno launch vehicles

Juno 1 launch vehicle

Juno 2 launch vehicle

Jupiter atmosphere

Jupiter C rocket vehicle

Jupiter missile

Jupiter (planet)

Jupiter probes

Jupiter project

Jupiter red spot

Jupiter rings

Jupiter satellites

Jupiter-Saturn flyby, Mariner
USE Mariner Jupiter-Saturn flyby

Jupiter-Uranus flyby, Mariner
USE Mariner Jupiter-Uranus flyby

(jurisprudence), law
USE law (jurisprudence)

J93-MJ252H engine
USE J-93 engine

J93-MJ280G engine
USE J-93 engine

K

K
USE potassium

K band
USE extremely high frequencies

K lines

K stars

K, vitamin
USE phyloquinone

k-epsilon turbulence model

NASA THESAURUS VOLUME 2

k-mesons
USE kaons

K-T boundary
USE Cretaceous-Tertiary boundary

KA band
USE extremely high frequencies

KA-6 sailplane, Schleicher
USE KA-6 sailplanes

KA-6 sailplanes

Kakutani theorem

Kalahari Basin (Africa)

Kalman filters

Kalman-Schmidt filtering

kamacite

Kaman aircraft

Kaman UH-2A helicopter
USE UH-2 helicopter

Kampuchea
USE Cambodia

Kansas

Kansas City Corridor (MO), St Louis-
USE St Louis-Kansas City Corridor (MO)

kaolinite

kaon production

kaons

Kapitza resistance

Kaplan bands, Vegard-
USE Vegard-Kaplan bands

Kapoeta achondrite

Kappa rocket vehicles

Kappa 8 rocket vehicle

Kappa 9 rocket vehicle

kappa-epsilon turbulence model
USE k-epsilon turbulence model

Kapton (trademark)

Karhunen-Loeve expansion

Karl Fischer reagent

Karman equation, Von
USE Von Karman equation

Karman vortex street

Karman-Bodewadt flow

karst

Kawasaki aircraft

Kazakhstan

KC-130 aircraft
USE C-130 aircraft

KC-135 aircraft
USE C-135 aircraft

keels

keeping, sea
USE sea keeping

KEL-F

USE seaweeds

Kelvin-Helmholtz instability

Kennedy launch complex, Cape
USE Cape Kennedy launch complex

Kentucky

Kenya

Kepler laws

keratins

keratitis

kernel functions

kerogen

kerosene

Kerr cells

Kerr effects

Kerr electrooptical effect

Kerr magnetooptical effect

Kestrel aircraft
USE P-1127 aircraft

ketenes

ketones

kettles (geology)

Kevlar (trademark)

keying

keying, binary phase shift
USE binary phase shift keying

keying, biphase shift
USE binary phase shift keying

keying, frequency shift
USE frequency shift keying

keying, phase shift
USE phase shift keying

keying, quadrature phase shift
USE quadrature phase shift keying

keying, quadrphase shift
USE quadrature phase shift keying

keys (islands)

kidney diseases

kidneys

kilometer wave orbiting telescope

kilometric waves

kimberlite
USE biotite
peridotite

kinematic equations

kinematics

kinematics, body
USE body kinematics

kinematics, inverse
USE inverse kinematics

kinescopes
USE picture tubes

kinesis, auto
USE autokinesis

kinesthesia

kinesthesia
USE proprioception

kinetic energy

kinetic equations

kinetic friction

kinetic heating

kinetic theory

kinetics

kinetics, chemical
USE reaction kinetics

kinetics, electro
USE electrokinetics

kinetics, reaction
USE reaction kinetics

King helicopter, Sea
USE SH-3 helicopter

Kingdom satellites, United
USE UK satellites

Kingdom, United
USE United Kingdom

Kingsport, USNS
USE satellite communications ships

kinoform

(Kinshasa), Congo
USE Zaire

Kirchhoff integrals, Fresnel-
USE Fresnel integrals

Kirchhoff law

Kirchhoff law of networks

Kirchhoff law of radiation

Kirchhoff-Helmholtz flow
USE pipe flow

Kirchhoff-Huygens principle
USE wave propagation
diffraction

Kirkendall effect

kite balloons
USE tethered balloons

kits

KIWI B reactors

KIWI B-1 Reactor

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KIWI reactors

KIWI rocket reactors
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Kjeldahl method

Klebsiella

Klein-Dunham potential

Klein-Gordon equation

klippen
USE outliers (landforms)

klystrons

knee (anatomy)

Knight helicopter, Sea
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Knight rocket vehicle, Black
USE Black Knight rocket vehicle

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USE nuclear magnetic resonance

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Knoop hardness

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knowledge bases (artificial intelligence)

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Knudsen cells
USE Knudsen gages

Knudsen flow

Knudsen gages

Knudsen number
USE Knudsen flow

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Kohoutek comet

Kolmogorov theory

Kolmogorov-Smirnov test

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Kong, Hong
USE Hong Kong

Korea

Korea, Democratic Peoples Republic of
USE North Korea

Korea, North
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USE South Korea

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Korteweg-Devries equation

Kossel pattern

Kovar (trademark)

KP index

Kr
USE krypton

Kraft process (woodpulp)

Kramer-Brillouin method, Wentzel-
USE Wentzel-Kramer-Brillouin method

Kramers-Kronig formula

Krebs cycle

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Kronecker product
USE orthogonality

Kronig formula, Kramers

Kronig formula, Kramers-
USE Kramers-Kronig formula

Krook equation

Krook model, Bhatnagar-Grass-
USE BGK model

krypton

krypton fluoride lasers

krypton isotopes

krypton 85

KS
USE Kansas

KU band
USE superhigh frequencies

Kulper Airborne Observatory

Kurile Islands

kurtosis

Kutta method, Runge-
USE Runge-Kutta method

Kutta-Joukowski condition

Kuwait

KWIC indexes

KY
USE Kentucky

KY-TN), Tennessee Valley (AL-
USE Tennessee Valley (AL-KY-TN)

Kyokko satellite
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Kyrgyzstan

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USE Space Shuttle mission 51-L

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USE passive L-band radiometers

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L-19 aircraft, Cessna
USE Cessna L-19 aircraft

L-28 aircraft
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L-29 aircraft
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L-29 aircraft, Omnipol
USE L-29 jet trainer

L-29 jet trainer

L-1011 aircraft

L-2000 aircraft

L-2000 aircraft, Lockheed
USE L-2000 aircraft

LA
USE Louisiana

La
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(LA), Atchafalaya River Basin
USE Atchafalaya River Basin (LA)

(LA), Lake Pontchartrain
USE Lake Pontchartrain (LA)

(LA), Mississippi Delta
USE Mississippi Delta (LA)

lab, commerce
USE commerce lab

Lab Measur System, Integ Med and Behavioral
USE IMBLMS

lab, sortie
USE sortie systems

Lab (Spacelab), Atmospheric Cloud Physics
USE Atmospheric Cloud Physics Lab (Spacelab)

labeling, isotopic
USE isotopic labeling

labeling (marking)
USE marking

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laboratories, engine testing
USE engine testing laboratories

laboratories, environmental
USE environmental laboratories

laboratories, human factors
USE human factors laboratories

laboratories, lunar
USE lunar laboratories

laboratories, lunar mobile
USE lunar mobile laboratories

laboratories, manned orbital
USE manned orbital laboratories

laboratories), MOL (orbital
USE manned orbital laboratories

laboratories, space
USE space laboratories

laboratories, underwater research
USE underwater research laboratories

Laboratory, Advanced Technology
USE Advanced Technology Laboratory

Laboratory, Earth Viewing Applications
USE Earth Viewing Applications Laboratory

laboratory equipment

Laboratory, German Infrared
USE German Infrared Laboratory

laboratory, lunar receiving
USE lunar receiving laboratory

laboratory, shuttle avionics integration
USE SAIL project

Labrador

labyrinth

labyrinth seals

labyrinthectomy

LACATE (experiment)

LACE (engine)
USE liquid air cycle engines

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USE BL lacertae objects

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lacquers

lactates

lactic acid

lactose

lacunas

ladders

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USE particle laden jets

lag (delay)
USE time lag

lag, jet
USE jet lag

lag, time
USE time lag

LAGEOS (satellite)

lagoons

Lagrange coordinates

Lagrange equation, Euler-
USE Euler-Lagrange equation

Lagrange equations of motion
USE Euler-Lagrange equation

Lagrange multipliers

Lagrange similarity hypothesis

Lagrangian
USE Lagrangian function

Lagrangian equilibrium points

Lagrangian function

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lake beds
USE beds (geology)

Lake Champlain Basin (NY-VT)

Lake Erie

Lake Huron

lake ice

Lake Michigan

Lake (NV), Pyramid
USE Pyramid Lake (NV)

Lake Ontario

Lake Pontchartrain (LA)

Lake Superior

Lake Tahoe (CA-NV)

Lake Texoma (OK-TX)

Lake (UT), Great Salt
USE Great Salt Lake (UT)

lakes

Lakes, International Field Year for Great
USE International Field Year for Great Lakes

Lakes (North America), Great
USE Great Lakes (North America)

Lallemand cameras

Lamb waves

Lambda rocket vehicles

Lambda Tauri stars

Lambert equation, Euler-
USE Euler-Lambert equation

Lambert law
USE Bouguer law

Lambert surface

Lame functions

Lame wave equations

lamella

lamella (metallurgy)

lamina
USE layers

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laminar boundary layer separation
USE laminar boundary layer

laminar boundary layer separation
USE boundary layer separation

laminar flames
USE laminar flow
flames

laminar flow

laminar flow airfoils

laminar flow control
USE laminar boundary layer
boundary layer control

laminar heat transfer

laminar jets
USE laminar flow
jet flow

laminar mixing

laminar wakes

laminated materials
USE laminates

laminates

laminating, de
USE delaminating

laminations
USE laminates

lamps
USE luminaires

lamps, alkali vapor
USE alkali vapor lamps

lamps, arc
USE arc lamps

lamps, electroluminescent
USE luminaires
electroluminescence

lamps, flash
USE flash lamps

lamps, mercury
USE mercury lamps

LAMPS program
USE Light Airborne Multipurpose System

lamps, quartz
USE quartz lamps

lamps, xenon
USE xenon lamps

LAN (computer networks)
USE local area networks

Lance missile

land

land, barren
USE barren land

land ice

land interactions, air
USE air land interactions

land management

land mobile satellite service

land surface temperature

land use

land use, rural
USE rural land use

Landau damping

Landau factor

Landau-Ginzburg equations

lander spacecraft, Viking
USE Viking lander spacecraft

lander 1, Viking
USE Viking lander 1

lander 2, Viking
USE Viking lander 2

landfills

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(landforms), barriers
USE barriers (landforms)

(landforms), bars
USE bars (landforms)

(landforms), bluffs
USE cliffs

(landforms), bridges
USE bridges (landforms)

(landforms), capes
USE capes (landforms)

(landforms), cirques
USE cirques (landforms)

(landforms), cusps
USE cusps (landforms)

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USE divides (landforms)

(landforms), fans
USE fans (landforms)

(landforms), flats
USE flats (landforms)

(landforms), inliers
USE inliers (landforms)

(landforms), outliers
USE outliers (landforms)

(landforms), peaks
USE peaks (landforms)

(landforms), terraces
USE terraces (landforms)

landing

landing aid, microvision
USE microvision landing aid

landing aid television system, pilot
USE PLAT system

landing aids

landing, aircraft
USE aircraft landing

landing aircraft, short takeoff & vertical
USE STOVL aircraft

landing aircraft, vertical attitude takeoff-
USE VATOL aircraft

landing aircraft, water takeoff and
USE water takeoff and landing aircraft

landing, blind
USE blind landing

landing control, automatic
USE automatic landing control

landing, crash
USE crash landing

(landing), ditching
USE ditching (landing)

landing gear

landing gear, retractable
USE landing gear
retractable equipment

landing, hard
USE hard landing

landing, horizontal spacecraft
USE horizontal spacecraft landing

landing instruments

landing loads

landing, lunar
USE lunar landing

landing, Mars
USE Mars landing

landing mats

landing modules

landing modules, lunar
USE lunar landing modules

landing, planetary
USE planetary landing

landing radar

landing simulation

landing simulators, lunar orbit and
USE lunar orbit and landing simulators

landing sites

landing sites, lunar
USE lunar landing sites

landing, soft
USE soft landing

landing, spacecraft
USE spacecraft landing

landing spacecraft, soft
USE soft landing spacecraft

landing speed

landing system, microwave scanning beam
USE microwave scanning beam landing system

landing systems
USE landing aids

landing systems, air cushion

landing systems, air cushion

USE air cushion landing systems

landing systems, all-weather

USE all-weather landing systems

(landing systems), ILS

USE instrument landing systems

landing systems, instrument

USE instrument landing systems

landing systems, microwave

USE microwave landing systems

landing tests (STS), approach and

USE approach and landing tests (STS)

landing vehicles, Ranger lunar

USE Ranger lunar landing vehicles

landing vehicles, SLV (soft

USE soft landing spacecraft

landing, vertical

USE vertical landing

landing, vertical takeoff and

USE vertical landing
vertical takeoff

landing, water

USE water landing

landings, glide

USE glide landings

landings, skid

USE skid landings

landmark acquisition and tracking, video

USE video landmark acquisition and tracking

landmarks

lands, arid

USE arid lands

lands, bad

USE badlands

lands, farm

USE farmlands

lands, grass

USE grasslands

lands, grazing

USE grasslands

lands, marsh

USE marshlands

lands, range

USE rangelands

lands, wet

USE wetlands

Landsat E

Landsat F

Landsat follow-on missions

Landsat satellites

(LANDSAT), thematic mappers

USE thematic mappers (LANDSAT)

Landsat 1

Landsat 2

Landsat 3

Landsat 4

Landsat 5

landscape

USE terrain
topography

landslides

lanes

USE paths

Langevin formula

Langley complex coordinator

Langmuir law, Child-

USE Child-Langmuir law

Langmuir probes

USE electrostatic probes

Langmuir-Blodgett films

language), Ada (programming

USE Ada (programming language)

language, algorithmic oriented

USE ALGOL

language), APL (programming

USE APL (programming language)

language, Assembly

USE Assembly language

language), BASIC (programming

USE BASIC (programming language)

language), C (programming

USE C (programming language)

LANGUAGE), C++ (PROGRAMMING

USE C++ (PROGRAMMING LANGUAGE)

language), COGO (programming

USE COGO (programming language)

Language, Common Business Oriented

USE Cobol

language), COMPASS (programming

USE COMPASS (programming language)

language (computers), natural

USE natural language (computers)

language, coordinate geometry

USE COGO (programming language)

language, English

USE English language

language), FAB (programming

USE FORTRAN

language), Forth (programming

USE Forth (programming language)

(language), HAL/S

USE HAL/S (language)

language), LISP (programming

USE LISP (programming language)

language), MAP (programming

USE MAP (programming language)

language), MARVS (programming

USE MARVS (programming language)

language), Pascal (programming

USE Pascal (programming language)

language processing, natural

USE natural language processing

language programming

language), Prolog (programming

USE Prolog (programming language)

(language), words

USE words (language)

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languages

languages, command

USE command languages

languages, context free

USE context free languages

languages, high level

USE high level languages

languages, higher order

USE high level languages

languages, machine oriented

USE machine oriented languages

languages, programming

USE programming languages

languages, query

USE query languages

Lanka, Sri

USE Sri Lanka

lanthanide series metals

USE rare earth elements

lanthanum

lanthanum alloys

lanthanum chlorides

lanthanum compounds

lanthanum fluorides

lanthanum isotopes

lanthanum oxides

lanthanum tellurides

lanthanum 140

USE lanthanum isotopes

Laos

lap joints

Laplace equation

Laplace operators

USE Laplace transformation

Laplace transformation

lapse photography, time

USE chronophotography

lapse rate

LARA aircraft

USE COIN AIRCRAFT

Larc computer, Univac

USE Univac Larc computer

large aperture seismic array

Large Area Crop Inventory Experiment

Large Array (VLA), Very

USE Very Large Array (VLA)

Large Deployable Reflector

Large Infrared Telescope on Spacelab

USE LIRTS (telescope)

large scale integration

large scale integration, very

USE very large scale integration

large space structures

Large Space Telescope

USE Hubble Space Telescope

- Large Telecomm Satellite, European**
USE L-Sat
- LARGOS satellite**
- Larmor precession**
- Larmor radius**
- larvae**
- larynx**
- laser ablation**
- laser acoustic microscope (SLAM), scanning**
USE acoustic microscopes
- laser altimeters**
- laser anemometers**
- laser annealing**
- laser applications**
- laser arrays**
- laser beam defocusing**
USE thermal blooming
- laser beams**
- laser cavities**
- laser communication**
USE optical communication
- laser cutting**
- laser damage**
- laser deposition**
- laser deposition, pulsed**
USE pulsed laser deposition
- laser diodes**
USE semiconductor lasers
- laser doppler velocimeters**
- laser drilling**
- laser fusion**
- Laser Geodynamic Satellite**
USE LAGEOS (satellite)
- laser guidance**
- laser gyroscopes**
- laser heating**
- laser induced fluorescence**
- laser interferometry**
- laser materials**
- laser microscopy**
- laser mode locking**
- laser modes**
- laser outputs**
- laser plasma interactions**
- laser plasmas**
- laser power beaming**
- laser propulsion**
- laser pumping**
- laser radar**
USE optical radar
- laser radiation**
USE laser beams
- laser range finders**
- laser ranger/tracker**
- laser spectrometers**
- laser spectroscopy**
- laser stability**
- Laser System, Nova**
USE Nova Laser System
- laser system, Shiva**
USE Shiva laser system
- laser target designators**
- laser target interactions**
- laser targets**
- laser weapons**
- laser welding**
- laser windows**
- lasers**
- lasers, airborne**
USE airborne lasers
- lasers, aluminum gallium arsenide**
USE aluminum gallium arsenide lasers
- lasers, argon**
USE argon lasers
- lasers, atmospheric**
USE atmospheric lasers
- lasers, carbon**
USE carbon lasers
- lasers, carbon dioxide**
USE carbon dioxide lasers
- lasers, carbon monoxide**
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- lasers, chemical**
USE chemical lasers
- lasers, continuous wave**
USE continuous wave lasers
- lasers, DBR**
USE DBR lasers
- lasers, deuterium fluoride**
USE DF lasers
- lasers, DF**
USE DF lasers
- lasers, distributed Bragg reflector**
USE DBR lasers
- lasers, distributed feedback**
USE distributed feedback lasers
- lasers, dye**
USE dye lasers
- lasers, excimer**
USE excimer lasers
- lasers, Fabry-Perot**
USE lasers
- lasers, free electron**
USE free electron lasers
- lasers, gallium arsenide**
USE gallium arsenide lasers
- lasers, gamma ray**
USE gamma ray lasers
- lasers, gas**
USE gas lasers
- lasers, gasdynamic**
USE gasdynamic lasers
- lasers, glass**
USE glass lasers
- lasers, HCL**
USE HCL lasers
- lasers, HCL argon**
USE HCL argon lasers
- lasers, HCN**
USE HCN lasers
- lasers, helium-neon**
USE helium-neon lasers
- lasers, HF**
USE HF lasers
- lasers, high intensity**
USE high power lasers
- lasers, high power**
USE high power lasers
- lasers, hydrogen chloride**
USE HCL lasers
- lasers, hydrogen cyanide**
USE HCN lasers
- lasers, hydrogen fluoride**
USE HF lasers
- lasers, infrared**
USE infrared lasers
- lasers, injection**
USE injection lasers
- lasers, iodine**
USE iodine lasers
- lasers, IR**
USE infrared lasers
- lasers, krypton fluoride**
USE krypton fluoride lasers
- lasers, liquid**
USE liquid lasers
- lasers, metal vapor**
USE metal vapor lasers
- lasers, natural**
USE lasers
- lasers, neodymium**
USE neodymium lasers
- lasers, nitrogen**
USE nitrogen lasers
- lasers, nuclear pumped**
USE nuclear pumped lasers
- lasers, organic**
USE organic lasers
- lasers, plasmadynamic**
USE plasmadynamic lasers
- (lasers), power transmission**
USE laser power beaming
- lasers, pulsed**
USE pulsed lasers

lasers, Q switched

lasers, Q switched

USE Q switched lasers

lasers, quantum well

USE quantum well lasers

lasers, Raman

USE Raman lasers

lasers, rare gas-halide

USE rare gas-halide lasers

lasers, ring

USE ring lasers

lasers, ruby

USE ruby lasers

lasers, semiconductor

USE semiconductor lasers

lasers, solar

USE solar-pumped lasers

lasers, solar-pumped

USE solar-pumped lasers

lasers, solid state

USE solid state lasers

lasers, spaceborne

USE spaceborne lasers

lasers, surface emitting

USE surface emitting lasers

lasers, TEA

USE TEA lasers

lasers, transversely excited atmospheric

USE TEA lasers

lasers, tube

USE tube lasers

lasers, tunable

USE tunable lasers

lasers, two-wavelength

USE two-wavelength lasers

lasers, ultrashort pulsed

USE ultrashort pulsed lasers

lasers, ultraviolet

USE ultraviolet lasers

lasers, UV

USE ultraviolet lasers

lasers, waveguide

USE waveguide lasers

lasers, X ray

USE X ray lasers

lasers, xenon chloride

USE xenon chloride lasers

lasers, xenon fluoride

USE xenon fluoride lasers

lasers, YAG

USE YAG lasers

lasers, YLF

USE YLF lasers

lasers, yttrium lithium fluoride

USE YLF lasers

lasing

LASV

USE F-111 aircraft

latch-up

latches

late stars

lateness

latent heat

latent heat of fusion

USE heat of fusion

lateral control

lateral oscillation

lateral stability

laterality

USE lateral stability

lateralization

USE lateral control

laterites

latex

lathes

lathes, turret

USE turret lathes

Latin square method

latitude

latitude, geomagnetic

USE geomagnetic latitude

latitude measurement

latitudes, high

USE polar regions

latitudes, low

USE tropical regions

lattice imperfections

USE crystal defects

lattice method, vortex

USE vortex lattice method

lattice parameters

lattice relaxation, spin-

USE spin-lattice relaxation

lattice vibrations

lattices

lattices, BCC

USE body centered cubic lattices

lattices, body centered cubic

USE body centered cubic lattices

lattices, close packed

USE close packed lattices

lattices, crystal

USE crystal lattices

lattices, cubic

USE cubic lattices

lattices, face centered cubic

USE face centered cubic lattices

lattices, FCC

USE face centered cubic lattices

lattices (mathematics)

Latvia

Laue method

laughing

launch clouds

USE exhaust clouds

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launch complex, Cape Kennedy

USE Cape Kennedy launch complex

launch complexes

USE launching bases

launch dates

launch escape systems

launch, lunar

USE lunar launch

(launch system), ALS

USE Advanced Launch System (STS)

Launch System (STS), Advanced

USE Advanced Launch System (STS)

launch time

USE launch windows

launch vehicle, Ablestar

USE Ablestar launch vehicle

launch vehicle, Ariane

USE Ariane launch vehicle

launch vehicle, Atlas Able 5

USE Atlas Able 5 launch vehicle

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USE Atlas Agena B launch vehicle

launch vehicle, Atlas Centaur

USE Atlas Centaur launch vehicle

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USE Atlas SLV-3 launch vehicle

launch vehicle, Black Arrow

USE Black Knight rocket vehicle

launch vehicle, Blue Streak

USE Blue Streak launch vehicle

launch vehicle, Centaur

USE Centaur launch vehicle

launch vehicle configurations

launch vehicle, Delta

USE Delta launch vehicle

launch vehicle, Diamant

USE Diamant launch vehicle

launch vehicle, Eldo

USE Eldo launch vehicle

launch vehicle, Europa 1

USE Europa 1 launch vehicle

launch vehicle, Europa 2

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USE Europa 3 launch vehicle

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USE Europa 4 launch vehicle

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USE HOTOL launch vehicle

launch vehicle, Juno 1

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USE Juno 2 launch vehicle

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USE Little Joe 2 launch vehicle

launch vehicle, Nomad

USE Nomad launch vehicle

Launch Vehicle Program, National

USE National Launch Vehicle Program

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USE RAM B launch vehicle
- launch vehicle, Saturn D**
USE Saturn D launch vehicle
- launch vehicle, Saturn 1 SA-1**
USE Saturn 1 SA-1 launch vehicle
- launch vehicle, Saturn 1 SA-2**
USE Saturn 1 SA-2 launch vehicle
- launch vehicle, Saturn 1 SA-3**
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- launch vehicle, Saturn 1 SA-4**
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- launch vehicle, Saturn 1 SA-5**
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- launch vehicle, Saturn 1 SA-6**
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USE Saturn 1 SA-8 launch vehicle
- launch vehicle, Saturn 1 SA-9**
USE Saturn 1 SA-9 launch vehicle
- launch vehicle, Saturn 1 SA-10**
USE Saturn 1 SA-10 launch vehicle
- launch vehicle, Scout**
USE Scout launch vehicle
- launch vehicle, Thor Agena**
USE Thor Agena launch vehicle
- launch vehicle, Thor Delta**
USE Thor Delta launch vehicle
- launch vehicle, Titan Centaur**
USE Titan Centaur launch vehicle
- launch vehicle, titan 3**
USE titan 3 launch vehicle
- launch vehicle, Titan 4**
USE Titan 4 launch vehicle
- launch vehicle, vanguard 2**
USE vanguard 2 launch vehicle
- launch vehicle, Vega**
USE Vega launch vehicle
- launch vehicle 3, standard**
USE Atlas SLV-3 launch vehicle
- launch vehicle 5, standard**
USE standard launch vehicle 5
- launch vehicles**
- launch vehicles, Atlas**
USE Atlas launch vehicles
- launch vehicles, Atlas Agena**
USE Atlas Agena launch vehicles
- launch vehicles, Europa**
USE Europa launch vehicles
- launch vehicles, heavy lift**
USE heavy lift launch vehicles
- launch vehicles, Juno**
USE Juno launch vehicles
- launch vehicles, Nova**
USE Nova launch vehicles
- launch vehicles, recoverable**
USE recoverable launch vehicles
- launch vehicles, reusable**
USE reusable launch vehicles
- launch vehicles, Saturn**
USE Saturn launch vehicles
- launch vehicles, Saturn 1**
USE Saturn 1 launch vehicles
- launch vehicles, Saturn 1B**
USE Saturn 1B launch vehicles
- launch vehicles, Saturn 2**
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- launch vehicles, Saturn 5**
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- launch vehicles, standard**
USE standard launch vehicles
- launch vehicles, Thor**
USE Thor launch vehicles
- launch vehicles, Thorad**
USE Thorad launch vehicles
- launch vehicles, titan**
USE titan launch vehicles
- launch windows**
- launched booster, Pegasus air-**
USE Pegasus air-launched booster
- launchers**
- launchers, gun**
USE gun launchers
- launchers, hypervelocity**
USE hypervelocity launchers
- launchers, missile**
USE missile launchers
- launchers, mobile missile**
USE mobile missile launchers
- launchers, rocket**
USE rocket launchers
- launching**
- launching, air**
USE air launching
- launching bases**
- launching devices**
USE launchers
- launching devices, aircraft**
USE aircraft launching devices
- (launching), liftoff**
USE liftoff (launching)
- launching, orbital**
USE orbital launching
- launching pads**
- launching, rocket**
USE rocket launching
- launching, satellite**
USE spacecraft launching
- launching, sea**
USE sea launching
- launching sites**
- launching, spacecraft**
USE spacecraft launching
- lava**
- Laval nozzles, de**
USE convergent-divergent nozzles
- Laval number**
- law**
- law, air**
USE air law
- law, Beer**
USE Beer law
- law, Bouguer**
USE Bouguer law
- law, Child-Langmuir**
USE Child-Langmuir law
- law, closure**
USE closure law
- law, Coffin-Manson**
USE Coffin-Manson law
- law, Curie-Weiss**
USE Curie-Weiss law
- law, Dalton**
USE Dalton law
- law (fluid mechanics), Stokes**
USE Stokes law (fluid mechanics)
- law, Fourier**
USE Fourier law
- law, Henry**
USE Henry law
- law, Hooke**
USE Hooke law
- law, international**
USE international law
- law (jurisprudence)**
- law, Kirchhoff**
USE Kirchhoff law
- law, Lambert**
USE Bouguer law
- law, Newton pressure**
USE Newton pressure law
- law, Newton second**
USE Newton second law
- law, Newton-Busemann**
USE Newton-Busemann law
- law of networks, Kirchhoff**
USE Kirchhoff law of networks
- law of radiation, Kirchhoff**
USE Kirchhoff law of radiation
- law of radiation, Stokes**
USE Stokes law of radiation
- law, Ohms**
USE Ohms law
- law, public**
USE public law
- law, Raoult**
USE Raoult law
- law, Reynolds**
USE Reynolds equation
- law, sea**
USE sea law
- law, similitude**
USE similitude law
- law, Snells**
USE Snells law
- law, space**
USE space law

law, Stefan-Boltzmann

law, Stefan-Boltzmann
USE Stefan-Boltzmann law

law, Stokes
USE Stokes law

law, Tafel
USE Tafel law

law, Weber-Fechner
USE Weber-Fechner law

Lawrence Valley (North America), St
USE St Lawrence Valley (North America)

lawrencium

laws

laws, conservation
USE conservation laws

laws, Kepler
USE Kepler laws

laws, radiation
USE radiation laws

laws, scaling
USE scaling laws

lay-up

layer, atmospheric boundary
USE atmospheric boundary layer

layer, Chapman shear
USE shear layers

layer chromatography, thin
USE thin layer chromatography

layer combustion, boundary
USE boundary layer combustion

layer, compressible boundary
USE compressible boundary layer

layer control, boundary
USE boundary layer control

layer control, porous boundary
USE porous boundary layer control

layer, D
USE D region

layer, E-1
USE E-1 layer

layer, E-2
USE E-2 layer

layer, Ekman
USE Ekman layer

layer equations, boundary
USE boundary layer equations

layer, F
USE F region

layer flow, boundary
USE boundary layer flow

layer, hypersonic boundary
USE hypersonic boundary layer

layer, incompressible boundary
USE incompressible boundary layer

layer, laminar boundary
USE laminar boundary layer

layer, night E
USE night sky
E region

layer, night F
USE night sky
F region

layer noise, boundary
USE aerodynamic noise
boundary layers

layer, ozone
USE ozonosphere

layer, planetary boundary
USE planetary boundary layer

layer plasmas, boundary
USE boundary layer plasmas

layer separation, boundary
USE boundary layer separation

layer separation, laminar boundary
USE laminar boundary layer

layer separation, laminar boundary
USE boundary layer separation

layer, sporadic E
USE sporadic E layer

layer stability, boundary
USE boundary layer stability

layer, thermal boundary
USE thermal boundary layer

layer, three dimensional boundary
USE three dimensional boundary layer

layer transition, boundary
USE boundary layer transition

layer, turbulent boundary
USE turbulent boundary layer

layer, two dimensional boundary
USE two dimensional boundary layer

layers

layers, barrier
USE barrier layers

layers, boundary
USE boundary layers

layers, deep scattering
USE deep scattering layers

layers, E
USE E region

layers, flat
USE flat layers

layers (fluids), mixing
USE mixing layers (fluids)

layers, inter
USE interlayers

layers, isothermal
USE isothermal layers

layers, plasma
USE plasma layers

layers, shear
USE shear layers

layers, shock
USE shock layers

layers, stratified
USE strata

layers, supersonic boundary
USE supersonic boundary layers

layers, surface
USE surface layers

layers, transition
USE transition layers

layouts

NASA THESAURUS VOLUME 2

Lazarev meteorite

LC circuits

LCRE Reactor
USE Lithium Cooled Reactor Experiment

LDEF
USE Long Duration Exposure Facility

LDR (telescope)
USE Large Deployable Reflector

leaching

lead acetates

lead acid batteries

lead alloys

lead chlorides

lead compounds

lead isotopes

lead (metal)

lead molybdates

lead organic compounds

lead oxides

lead poisoning

lead selenides

lead sulfides

lead tellurides

lead titanates

lead tungstates

lead zirconate titanates

leadership

leading edge flaps

leading edge slats

leading edge sweep

leading edge thrust

leading edges

leading edges, blunt
USE blunt leading edges

leading edges, sharp
USE sharp leading edges

leads, beam
USE beam leads

leads, electrical
USE electric conductors

leaf area index

leakage

Lear Jet aircraft

learning

(learning), conditioning
USE conditioning (learning)

learning curves

(learning), habituation
USE habituation (learning)

learning, machine
USE machine learning

learning machines
USE machine learning

learning, maze
USE maze learning

learning theory

leasing

least squares method

leather

leaves

Lebanon

Lebesgue theorem

lectures

LED (diodes)
USE light emitting diodes

ledges

Lee theory, Crocco-
USE Crocco-Lee theory

Lee topography, Stoss-and-
USE glacial drift

lee waves

leg (anatomy)

legal liability

Legendre code
USE computer programming
neutron scattering

Legendre functions

Legendre polynomials
USE Legendre functions

Legendre transformation
USE Legendre functions

legibility

leguminous plants

Leidenfrost phenomenon

LEM (lunar module)
USE lunar module

lemmas
USE theorems

length

length, Debye
USE Debye length

length, diffusion
USE diffusion length

length flow theory, mixing
USE mixing length flow theory

lengths, wave
USE wavelengths

Lennard-Jones gas

Lennard-Jones potential

lens antennas

lens design

lenses

lenses, contact
USE contact lenses

lenses, Fresnel
USE Fresnel lenses

lenses, gravitational
USE gravitational lenses

lenses, luneberg
USE radar corner reflectors

lenses, magnetic
USE magnetic lenses

lenses, quadrupole
USE magnetic lenses

lenses, wide angle
USE wide angle lenses

lenses, wire grid
USE wire grid lenses

lenses, zoom
USE zoom lenses

lenticular bodies

LEO environments
USE Earth orbital environments

Leone, Sierra
USE Sierra Leone

Leonid meteoroids

leptons

LES (escape systems)
USE launch escape systems

LES (satellites)
USE Lincoln Experimental Satellites

LESA (lunar exploration system)
USE lunar exploration system for Apollo

lesions

lesions, pulmonary
USE pulmonary lesions

Lesotho

Lesser Antilles

(LET), linear energy transfer
USE linear energy transfer (LET)

lethality

lethargy

letters (symbols)
USE symbols

leucine

leucine, nor
USE norleucine

leukemias

leukocytes

leukopenia

level

level (horizontal)

level languages, high
USE high level languages

level (quantity)

level, sea
USE sea level

level turbulence, low
USE low level turbulence

leveling

levels, atomic energy
USE atomic energy levels

levels, effective perceived noise
USE effective perceived noise levels

levels, electronic
USE electron energy
energy levels

levels, energy
USE energy levels

levels, liquid
USE liquid levels

levels, molecular energy
USE molecular energy levels

levers

levitation

levitation, acoustic
USE acoustic levitation

levitation melting

levitation vehicles, magnetic
USE magnetic levitation vehicles

Levy-Rudenko comet, Okazaki-
USE Okazaki-Levy-Rudenko comet

Lewis base

Lewis numbers

Lexan (trademark)

LFO
USE Landsat follow-on missions

Li
USE lithium

liabilities

liability, legal
USE legal liability

Liapunov functions

(liberation), evolution
USE evolution (liberation)

Liberia

libraries

libraries (computers), subroutine
USE subroutine libraries (computers)

library systems, integrated
USE integrated library systems

libration

librational motion

Libya

Libyan desert

licensing

lichens

lidar
USE optical radar

(lidar), DIAL
USE differential absorption lidar

lidar, differential absorption
USE differential absorption lidar

lie groups

lie groups

Liechtenstein

Lienard potential

lies

LIF (fluorescence)

USE laser induced fluorescence

life (biology)

USE life sciences

life cycle costs

life detectors

life (durability)

life, extraterrestrial

USE extraterrestrial life

life, fatigue

USE fatigue life

life, half

USE half life

life, machine

USE service life

life rafts

life sciences

life, service

USE service life

life span

Life Support Sys, Integrated Maneuvering

USE IMLSS

life support systems

life support systems, bioregenerative

USE closed ecological systems

life support systems, portable

USE portable life support systems

life sustaining systems, emergency

USE emergency life sustaining systems

life tests, accelerated

USE accelerated life tests

lifeboats

lifetime, carrier

USE carrier lifetime

lifetime (durability)

USE life (durability)

lifetime, orbital

USE orbital lifetime

lifetime, plasma

USE plasma lifetime

lifetime, radiative

USE radiative lifetime

lifetime, satellite

USE satellite lifetime

lift

lift, aerodynamic

USE lift

lift aircraft, powered

USE powered lift aircraft

lift airships, heavy

USE heavy lift airships

lift augmentation

lift coefficients

USE lift
aerodynamic coefficients

lift controls, direct

USE direct lift controls

lift devices

lift distribution

USE lift
force distribution

lift drag ratio

lift fans

lift forces

USE lift

lift helicopters, heavy

USE heavy lift helicopters

lift, interference

USE interference lift

lift, jet

USE jet lift

lift launch vehicles, heavy

USE heavy lift launch vehicles

lift, rotor

USE rotor lift

lift, variable

USE lift

lift, zero

USE zero lift

lifting bodies

lifting body, M-2

USE M-2 lifting body

lifting body, M-2F2

USE M-2F2 lifting body

lifting body, M-2F3

USE M-2F3 lifting body

lifting reentry vehicles

lifting rotors

lifting surfaces

USE lift devices
lifting bodies
surfaces

liftoff (launching)

lifts

(lifts), elevators

USE elevators (lifts)

(lifts), jacks

USE jacks (lifts)

ligaments

ligands

light absorption

USE electromagnetic absorption

light adaptation

Light Airborne Multipurpose System

light aircraft

light aircraft readiness monitor, automatic

USE ALARM project

light alloys

light amplifiers

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light armed reconnaissance aircraft

USE COIN AIRCRAFT

light beams

light bulbs

USE luminaires

light, coherent

USE coherent light

light communication

USE optical communication

light control, fly by

USE fly by light control

light curve

light duration

USE flash
pulse duration

light elements

light emission

light emitting diodes

light, extragalactic

USE extraterrestrial radiation

light gas guns

light helicopters

light holography, white

USE white light holography

light intensity

USE luminous intensity

light intratheater transport

light ions

light modulation

(light modulation), ULM

USE ultrasonic light modulation

light modulation, ultrasonic

USE ultrasonic light modulation

light, polarized

USE polarized light

light pressure

USE illuminance

light probes

USE light beams

light ratios, mass to

USE mass to light ratios

light scattering

light scattering meters

light sources

light speed

light, sun

USE sunlight

light transmission

light transport aircraft

Light Twin aircraft, Advanced Technology

USE ATLIT project

light, ultraviolet

USE ultraviolet radiation

light valves

light (visible radiation)

light water

light water breeder reactors

light water reactors

light, zodiacal
USE zodiacal light

light-cone expansion

lightbulb engines, nuclear
USE nuclear lightbulb engines

Lighthill gas model

Lighthill method

lighting
USE illuminating

lighting equipment

lightning

lightning, ball
USE ball lightning

lightning suppression

lights
USE luminaires

lights, aircraft
USE aircraft lights

lights, airport
USE airport lights

lights, runway
USE runway lights

lights, search
USE searchlights

lignin

lignite

likelihood estimates, maximum
USE maximum likelihood estimates

likelihood ratio

limb brightening

limb darkening

limb, Earth
USE Earth limb

limb, lunar
USE lunar limb

limb, planetary
USE planetary limb

limb, solar
USE solar limb

limbs

limbs (anatomy)

lime
USE calcium oxides

limen

limestone

limit, proportional
USE proportional limit

limit, Roche
USE Roche limit

limitations
USE constraints

limited cameras, diffraction
USE diffraction limited cameras

Limited, International Computers
USE ICL computers

limited spacecraft, power
USE power limited spacecraft

limiter amplifiers

limiter circuits

limiters (fusion reactors)

limiters, power
USE power limiters

limits

limits, confidence
USE confidence limits

limits, ignition
USE ignition limits

limits (mathematics)

limnology

limonite

Lincoln Experimental Satellites

line analysis, program trend
USE program trend line analysis

line current

line discriminators, Fraunhofer
USE Fraunhofer line discriminators

line, H alpha
USE H alpha line

line, H beta
USE H beta line

line, H gamma
USE H gamma line

line of sight

line of sight communication

line programming, on-
USE on-line programming

line shape

line spectra

line systems, on-
USE on-line systems

line, timber
USE timberline

line width, spectral
USE spectral line width

lineament
USE structural properties (geology)

linear AC alternators
USE linear alternators

linear accelerators

linear alternators

linear amplifiers

linear arrays

linear arrays, multispectral
USE multispectral linear arrays

linear circuits

linear energy transfer (LET)

linear equations

linear evolution equations

linear filters

linear integrated circuits

linear operators

linear polarization

linear prediction

linear programming

linear quadratic Gaussian control

linear quadratic regulator

linear receivers

linear regulator
USE linear quadratic regulator

linear systems

linear transformations

linear vibration

linearity

linearity, col
USE collinearity

linearity, non
USE nonlinearity

linearization

linen

liners
USE linings

lines

lines, acoustic delay
USE acoustic delay lines

lines, axes (reference)
USE axes (reference lines)

lines, caustic
USE caustic lines

lines (computer storage), delay
USE delay lines (computer storage)

lines, D
USE D lines

lines, delay
USE delay lines

lines, dielectronic satellite
USE resonance lines

lines, flat coaxial transmission
USE microstrip transmission lines

lines, fluid transmission
USE fluid transmission lines

lines, Fraunhofer
USE Fraunhofer lines

lines, geodesic
USE geodesic lines

lines (geometry)

lines, H
USE H lines

lines, K
USE K lines

lines, microstrip transmission
USE microstrip transmission lines

lines of force

lines of force

lines, parallel strip
USE microstrip transmission lines

lines, power
USE power lines

lines, resonance
USE resonance lines

lines, spectral
USE line spectra

lines, strip transmission
USE strip transmission lines

lines, telluric
USE telluric lines

lines, terminator
USE terminator lines

lines, tether
USE tetherlines

lines, transmission
USE transmission lines

(lines), trunks
USE transmission lines

lines, underground transmission
USE underground transmission lines

Ling-Temco-Vought aircraft

linguistics

linguistics, psycho
USE psycholinguistics

lining processes

linings

linings, rocket
USE rocket linings

linkages

linking
USE joining

links

links, data
USE data links

links (mathematics)

Liouville equations

Liouville operator, Sturm-
USE Sturm-Liouville theory

Liouville theorem

Liouville theory, Sturm-
USE Sturm-Liouville theory

lip reading

lipid metabolism

lipids

lipoic acid

lipoproteins

lips (anatomy)

Lipschitz condition

liquefaction

liquefaction, coal
USE coal liquefaction

liquefaction, gas
USE condensing

liquefied gases

liquefied natural gas

(liquefiers), condensers
USE condensers (liquefiers)

liquid air

liquid air cycle engines

liquid alloys

liquid ammonia

liquid atomization

liquid bearings

liquid breathing

liquid bridges

liquid chromatography

liquid cooled reactors

liquid cooling

liquid crystals

liquid drops
USE drops (liquids)

liquid equilibrium, vapor
USE liquid-vapor equilibrium

liquid filled shells

liquid flow

liquid fluorine

liquid fuels

liquid helium

liquid helium 2

liquid hydrogen

liquid injection

liquid interactions, gas-
USE gas-liquid interactions

liquid interfaces, liquid-
USE liquid-liquid interfaces

liquid lasers

liquid levels

liquid lithium

liquid mercury
USE mercury (metal)

liquid metal cooled reactors

liquid metal fast breeder reactors

liquid metals

liquid neon

liquid nitrogen

liquid oxidizers

liquid oxygen

liquid oxygen, fluorine-
USE FLOX

liquid oxygen hydrocarbon rocket engines
USE oxygen-hydrocarbon rocket engines

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liquid phase epitaxy

liquid phase sintering

liquid phases

liquid plus solid zones
USE mushy zones

liquid potassium

liquid propellant rocket engines

liquid rocket propellants

liquid rotation
USE rotating liquids

liquid sloshing

liquid sodium

liquid surfaces

liquid wastes

liquid-gas mixtures

liquid-liquid interfaces

liquid-solid interfaces

liquid-vapor equilibrium

liquid-vapor interfaces

liquids

liquids, coal derived
USE coal derived liquids

(liquids), drops
USE drops (liquids)

liquids, Fermi
USE Fermi liquids

liquids, organic
USE organic liquids

liquids, potable
USE potable liquids

liquids, rotating
USE rotating liquids

liquidus

LIRTS (telescope)

LISP (programming language)

Lissajous figures

lists

lists, hardware utilization
USE hardware utilization lists

literature

lithergol rocket engines

lithergolic propellants
USE hybrid propellants

lithiasis

lithiasis, uro
USE urolithiasis

lithium

lithium alloys

lithium alloys, aluminum-
USE aluminum-lithium alloys

lithium aluminum hydrides

lithium borates

lithium chlorides

lithium compounds

lithium compounds, organic
USE organic lithium compounds

Lithium Cooled Reactor Experiment

lithium fluoride lasers, yttrium
USE YLF lasers

lithium fluorides

lithium hydrides

lithium hydroxides

lithium iodates

lithium isotopes

lithium, liquid
USE liquid lithium

lithium niobates

lithium oxides

lithium perchlorates

lithium sulfates

lithium sulfur batteries

lithium 4
USE lithium isotopes

lithium 6
USE lithium isotopes

lithography

lithography, photo
USE photolithography

lithology

lithosphere

Lithuania

Little Joe 2 launch vehicle

Little John rocket vehicle

littoral currents
USE coastal currents

littoral drift

littoral transport

liver

Livermore Pool Type Reactor

liverworts
USE Bryophytes

livestock

lixiscopes

lizards

Llanos Orientales (Colombia)

LMCR (reactors)
USE liquid metal cooled reactors

LMFBR
USE liquid metal fast breeder reactors

LNG
USE liquefied natural gas

load carrying capacity

load distribution (forces)

load factors
USE loads (forces)

load recorders, flight
USE flight load recorders

load testing machines

load tests

loading

loading, atmospheric
USE pollution transport

loading, critical
USE critical loading

loading, edge
USE edge loading

loading forces
USE loads (forces)

loading moments

loading operations

loading rate

loading, variable amplitude
USE variable amplitude loading

loading waves
USE loads (forces)
elastic waves

loading, wing
USE wing loading

loads, aerodynamic
USE aerodynamic loads

loads, axial
USE axial loads

loads, axial compression
USE axial compression loads

loads, blast
USE blast loads

loads, compression
USE compression loads

loads, contact
USE contact loads

loads, cyclic
USE cyclic loads

loads, dummy
USE loading
impedance
output

loads, dynamic
USE dynamic loads

loads (forces)

loads, gust
USE gust loads

loads, impact
USE impact loads

loads, landing
USE landing loads

loads, random
USE random loads

loads, rolling contact
USE rolling contact loads

loads, shock
USE shock loads

loads, static
USE static loads

loads, thrust
USE thrust loads

loads, transient
USE transient loads

loads, transverse
USE transverse loads

loads, vibratory
USE vibratory loads

lobes

lobes, back
USE backlobes

lobes, occipital
USE occipital lobes

lobes, side
USE sidelobes

local area networks

local group (astronomy)

local scientific survey module

local thermodynamic equilibrium

localization
USE position (location)

localization, sound
USE sound localization

LOCATES system

location
USE position (location)

Location Exper, Feature Identification and
USE Feature Identification and Location Exper

Location of Air Traffic Satellites
USE LOCATES system

(location), position
USE position (location)

location, re
USE relocation

locator transmitters, emergency
USE emergency locator transmitters

loci

lock demodulators, phase
USE phase lock demodulators

locked systems, phase
USE phase locked systems

Lockheed aircraft

Lockheed C-5 aircraft
USE C-5 aircraft

Lockheed CL-595 helicopter
USE XH-51 helicopter

Lockheed CL-823 aircraft
USE CL-823 aircraft

Lockheed Constellation aircraft
USE C-121 aircraft

Lockheed L-2000 aircraft
USE L-2000 aircraft

Lockheed model 18 aircraft

Lockheed U-2 aircraft
USE U-2 aircraft

Lockheed XV-4A aircraft

Lockheed XV-4A aircraft
USE XV-4 aircraft

Lockheed 186 helicopter
USE XH-51 helicopter

locking

locking, injection
USE injection locking

locking, laser mode
USE laser mode locking

locks

locks, air
USE air locks

locks (fasteners)

locomotion

locomotion, astronaut
USE astronaut locomotion

locomotives

locusts

Loeve expansion, Karhunen-
USE Karhunen-Loeve expansion

LOFAR

LOFTI satellites
USE low frequency transionospheric satellites

lofting

log periodic antennas

log spiral antennas

logarithmic receivers

logarithms

logging (industry)

logic

logic circuits

logic design

logic devices, programmable
USE programmable logic devices

logic, fluid
USE fluid logic

Logic integ circuits, Diode-Transistor-
USE DTL integrated circuits

logic integ circuits, transistor-transistor-
USE TTL integrated circuits

logic, mathematical
USE mathematical logic

logic networks
USE logic circuits

logic, predicate
USE predicate logic

logic programming

logic, threshold
USE threshold logic

logic, transistor
USE transistor logic

logic units
USE arithmetic and logic units

logic units, arithmetic and
USE arithmetic and logic units

logical elements

logistics

logistics, lunar
USE lunar logistics

logistics management

logistics over the shore (LOTS) carrier

logistics, space
USE space logistics

LOH helicopter
USE OH-6 helicopter

Loki rocket vehicle

LOLA (simulator)
USE lunar orbit and landing simulators

Lomonosov current

long base interferometry, very
USE very long base interferometry

Long Baseline Array (VLBA), Very
USE Very Long Baseline Array (VLBA)

Long Duration Exposure Facility

long duration space flight

Long Island (NY)

long period variables
USE Mira variables

long range navigation
USE , loran

long range weather forecasting

long term effects

Long Term Zonal Earth Energy Experiment
USE LZEEBE satellite

long wave radiation

long waves (meteorology)
USE planetary waves

longerons

longevity

longitude

longitude measurement

longitude, solar
USE solar longitude

longitudinal control

longitudinal stability

longitudinal waves

longshore currents
USE coastal currents

look angles (electronics)

look angles (tracking)

looking infrared detectors, forward
USE FLIR detectors

looking radar, side-
USE side-looking radar

loop antennas

loop systems, closed
USE feedback control

loop transfer functions

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loop transfer recovery

loops

loops, coronal
USE coronal loops

loops, corrosion test
USE corrosion test loops

LOR (rendezvous)
USE lunar orbital rendezvous

LORAC navigation system

loran

loran C

loran D

Lorentz contraction

Lorentz contraction, Fitzgerald-
USE Lorentz contraction

Lorentz force

Lorentz gas

Lorentz transformations

LORV
USE low observable reentry vehicles

Los Alamos Molten Plutonium Reactor

Los Alamos Turret Reactor
USE high temperature nuclear reactors

Los Alamos Water Boiler Reactor

loss coefficient, friction
USE friction factor

loss, coolant
USE loss of coolant

loss, energy
USE energy dissipation

loss, hearing
USE auditory defects

loss, insertion
USE insertion loss

loss of coolant

loss, plasma
USE plasma loss

loss, power
USE power loss

loss, transmission
USE transmission loss

loss, water
USE water loss

losses

lossless equipment

lossless materials

lossy media

lost wax process
USE investment casting

LOTS cargo ships
USE cargo ships

(LOTS) carrier, logistics over the shore
USE logistics over the shore (LOTS) carrier

loudness

loudspeakers

Louis-Kansas City Corridor (MO), St
USE St Louis-Kansas City Corridor (MO)

Louisiana

lounges

lounges, mobile
USE mobile lounges

louvers

Love waves

low alloy steels
USE high strength steels

low altitude

low altitude missile, supersonic
USE supersonic low altitude missile

low aspect ratio

low aspect ratio wings

low carbon steels

low concentrations

low conductivity

low cost

low currents

low density flow

low density gases
USE rarefied gases

low density materials

low density research

low density wind tunnels

low earth orbital environments
USE Earth orbital environments

low Earth orbital environments
USE Earth orbital environments

low frequencies

low frequencies, extremely
USE extremely low frequencies

low frequencies, very
USE very low frequencies

low frequency bands

low frequency transionospheric satellites

low gravity
USE microgravity

low gravity manufacturing

Low Intensity X Ray Imaging Scopes
USE lixisopes

low latitudes
USE tropical regions

low level turbulence

low mass
USE mass

low molecular weights

low noise

low observable reentry vehicles

low pass filters

low pressure

low pressure chambers
USE vacuum chambers

low radio frequencies, extremely
USE extremely low radio frequencies

low resistance

low Reynolds number

low speed

low speed stability

low speed wind tunnels

low temperature

low temperature brazing

low temperature environments

low temperature physics

low temperature plasmas
USE cold plasmas

low temperature tests

low thrust

low thrust propulsion

low turbulence

low vacuum

low velocity
USE low speed

low visibility

low voltage

low volume ramjet engines

low weight

low wing aircraft

lower atmosphere

Lower Atmospheric Composition Experiment
USE LACATE (experiment)

lower body negative pressure

Lower California (Mexico)

lower ionosphere

LOX (oxygen)
USE liquid oxygen

LOX-hydrocarbon rocket engines
USE oxygen-hydrocarbon rocket engines

LOX-hydrogen engines
USE hydrogen oxygen engines

LPTR Reactor
USE Livermore Pool Type Reactor

LQG control
USE linear quadratic Gaussian control

LQR
USE linear quadratic regulator

Lr
USE Lawrencium

LR circuits
USE RL circuits

LR-62-RM-2 engine

LR-87-AJ-5 engine

LR-91-AJ-5 engine

LR-99 engine

LRC circuits
USE RLC circuits

LRV (vehicle)
USE lunar roving vehicles

LSI
USE large scale integration

LSSM

LST
USE Hubble Space Telescope

LTE (astronomy)
USE local thermodynamic equilibrium

LTV aircraft
USE Ling-Temco-Vought aircraft

Lu
USE lutetium

lubricant tests

lubricants

lubricants, gas
USE gas lubricants

lubricants, high temperature
USE high temperature lubricants

lubricants, solid
USE solid lubricants

lubricated bearings, gas
USE gas bearings

lubricating materials, self
USE self lubricating materials

lubricating oils

lubrication

lubrication, boundary
USE boundary lubrication

lubrication, self
USE self lubrication

lubrication, space environmental
USE spacecraft lubrication

lubrication, spacecraft
USE spacecraft lubrication

lubrication systems

lucite (trademark)
USE polymethyl methacrylate

Luder bands
USE plastic deformation
yield point

Ludox (trademark)

lugs

lumbar region

lumbering areas
USE forests

lumens

luminaires

luminance

luminance, il
USE illuminance

luminescence

luminescence, bio
USE bioluminescence

luminescence, cathodo

luminescence, cathodo
USE cathodoluminescence

luminescence, chemi
USE chemiluminescence

luminescence, electro
USE electroluminescence

luminescence, lunar
USE lunar luminescence

luminescence, photo
USE photoluminescence

luminescence, shock wave
USE shock wave luminescence

luminescence, sono
USE sonoluminescence

luminescence, thermo
USE thermoluminescence

luminescence, tribo
USE triboluminescence

luminescent intensity
USE luminous intensity

luminosity

luminosity, stellar
USE stellar luminosity

luminous flux density
USE luminous intensity

luminous intensity

lumped parameter systems

lumping

LUNA lunar probes
USE Lunik lunar probes

lunar albedo

lunar atmosphere

lunar based equipment

lunar bases

lunar cinematography
USE lunar photography

lunar communication

lunar composition

lunar construction equipment

lunar core

lunar craters

lunar crust

lunar dust

lunar echoes

lunar eclipses

lunar effects

lunar environment

lunar equator

lunar escape devices

lunar evolution

lunar excavation equipment

lunar experiment module, Apollo
USE Apollo lunar experiment module

lunar exploration

lunar exploration system for Apollo

(lunar exploration system), LESA
USE lunar exploration system for Apollo

lunar far side

lunar figure

lunar flight

lunar flying vehicles

lunar geology

lunar gravitation

lunar gravitational effects

Lunar Gravity Simulator

lunar ionosphere
USE lunar atmosphere

lunar laboratories

lunar landing

lunar landing modules

lunar landing sites

lunar landing vehicles, Ranger
USE Ranger lunar landing vehicles

lunar launch

lunar limb

lunar logistics

lunar luminescence

lunar magnetic fields

lunar mantle

lunar maps

lunar maria

lunar mining

lunar mobile laboratories

lunar module

lunar module ascent stage

(lunar module), LEM
USE lunar module

lunar module 5

lunar module 7

lunar observatories

lunar occultation

Lunar Occultation Satellite, High Eccentric
USE Exosat satellite

Lunar Occultation satellite, High Eccentric
USE Exosat satellite

lunar orbit and landing simulators

lunar orbital rendezvous

Lunar orbiter

Lunar Orbiter A
USE Lunar Orbiter 1

Lunar Orbiter B
USE Lunar Orbiter 2

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Lunar Orbiter C
USE Lunar Orbiter 3

Lunar Orbiter D
USE Lunar Orbiter 4

Lunar Orbiter E
USE Lunar Orbiter 5

Lunar Orbiter 1

Lunar Orbiter 2

Lunar Orbiter 3

Lunar Orbiter 4

Lunar Orbiter 5

lunar orbits

lunar perturbation
USE lunar effects

lunar phases

lunar photographs

lunar photography

lunar probe, Lunik 2
USE Lunik 2 lunar probe

lunar probe, Lunik 3
USE Lunik 3 lunar probe

lunar probe, Lunik 9
USE Lunik 9 lunar probe

lunar probe, Lunik 10
USE Lunik 10 lunar probe

lunar probe, Lunik 11
USE Lunik 11 lunar probe

lunar probe, Lunik 12
USE Lunik 12 lunar probe

lunar probe, Lunik 13
USE Lunik 13 lunar probe

lunar probe, Lunik 14
USE Lunik 14 lunar probe

lunar probe, Lunik 16
USE Lunik 16 lunar probe

lunar probe, Lunik 17
USE Lunik 17 lunar probe

lunar probe, Lunik 19
USE Lunik 19 lunar probe

lunar probe, Lunik 20
USE Lunik 20 lunar probe

lunar probe, Lunik 22
USE Lunik 22 lunar probe

lunar probe, Pioneer 4
USE Pioneer 4 space probe

lunar probe, Ranger 1
USE Ranger 1 lunar probe

lunar probe, Ranger 2
USE Ranger 2 lunar probe

lunar probe, Ranger 3
USE Ranger 3 lunar probe

lunar probe, Ranger 4
USE Ranger 4 lunar probe

lunar probe, Ranger 5
USE Ranger 5 lunar probe

lunar probe, Ranger 6
USE Ranger 6 lunar probe

lunar probe, Ranger 7
USE Ranger 7 lunar probe

lunar probe, Ranger 8
USE Ranger 8 lunar probe

lunar probe, Ranger 9
USE Ranger 9 lunar probe

lunar probe, Surveyor 1
USE Surveyor 1 lunar probe

lunar probe, Surveyor 2
USE Surveyor 2 lunar probe

lunar probe, Surveyor 3
USE Surveyor 3 lunar probe

lunar probe, Surveyor 4
USE Surveyor 4 lunar probe

lunar probe, Surveyor 5
USE Surveyor 5 lunar probe

lunar probe, Surveyor 6
USE Surveyor 6 lunar probe

lunar probe, Surveyor 7
USE Surveyor 7 lunar probe

lunar probes

lunar probes, LUNA
USE Lunik lunar probes

lunar probes, Lunik
USE Lunik lunar probes

lunar probes, Ranger
USE Ranger lunar probes

lunar probes, Surveyor
USE Surveyor lunar probes

lunar programs

lunar radar echoes

lunar radiation

lunar rangefinding

lunar rays

lunar receiving laboratory

lunar resources

lunar retroreflectors

lunar rocks

lunar rotation

lunar roving vehicles

lunar roving vehicles, Lunokhod
USE Lunokhod lunar roving vehicles

lunar satellites

lunar scattering
USE lunar radar echoes
diffuse radiation

lunar seismographs

lunar shadow

lunar shelters

lunar soil

lunar spacecraft

lunar stations, orbiting
USE orbiting lunar stations

lunar surface

Lunar Surface Experiments Package, Apollo
USE Apollo Lunar Surface Experiments Package

Lunar Surface Scientific Modules
USE LSSM

lunar surface vehicles

lunar surface vehicles, manned
USE manned lunar surface vehicles

lunar temperature

lunar theory, Hansen
USE Hansen lunar theory

lunar theory, Hill
USE Hill lunar theory

lunar tides

lunar topography

lunar trajectories

lunation
USE month

luneberg lenses
USE radar corner reflectors

lung morphology

lungs

Lunik lunar probes

Lunik 2 lunar probe

Lunik 3 lunar probe

Lunik 9 lunar probe

Lunik 10 lunar probe

Lunik 11 lunar probe

Lunik 12 lunar probe

Lunik 13 lunar probe

Lunik 14 lunar probe

Lunik 16 lunar probe

Lunik 17 lunar probe

Lunik 19 lunar probe

Lunik 20 lunar probe

Lunik 22 lunar probe

Lunokhod lunar roving vehicles

luster

lutetium

lutetium compounds

lutetium isotopes

lutetium 176
USE lutetium isotopes

Luxembourg

Luxembourg effect

Luxembourg space program

Lyapunov functions
USE Liapunov functions

Lybia
USE Libya

Lyman alpha radiation

Lyman beta radiation

Lyman spectra

lymph

lymph, endo
USE endolymph

lymphocytes

lyophilization
USE colloidizing

lyophils
USE colloids

Lyra constellation

lysergine

lysimeters

lysine

lysogenesis

lysosomes

lysozyme

LZEEBE satellite

M

M diagram, C-
USE color-magnitude diagram

M region

M stars

M, TIROS
USE TIROS M

M, vitamin
USE folic acid

M wings
USE variable sweep wings

M-1 engine

M-2 lifting body

M-2F2 lifting body

M-2F3 lifting body

M-46 engine

M-55 engine

M-56 engine

M-57 engine

M-100 engine

MA
USE Massachusetts

MA-1 flight, Mercury
USE Mercury MA-1 flight

MA-2 engine

MA-2 flight, Mercury
USE Mercury MA-2 flight

MA-2 mission
USE Mercury MA-2 flight

MA-3 engine

MA-3 flight
USE Mercury MA-3 flight

MA-3 flight, Mercury

MA-3 flight, Mercury
USE Mercury MA-3 flight

MA-4 flight
USE Mercury MA-4 flight

MA-4 flight, Mercury
USE Mercury MA-4 flight

MA-5 engine

MA-5 flight
USE Mercury MA-5 flight

MA-5 flight, Mercury
USE Mercury MA-5 flight

MA-6 flight, Mercury
USE Mercury MA-6 flight

MA-7 flight, Mercury
USE Mercury MA-7 flight

MA-8 flight
USE Mercury MA-8 flight

MA-8 flight, Mercury
USE Mercury MA-8 flight

MA-9 flight
USE Mercury MA-9 flight

MA-9 flight, Mercury
USE Mercury MA-9 flight

maars
USE craters

Mace missiles

Mach cones

Mach inertia principle

Mach number

Mach number, critical
USE Mach number
critical velocity

Mach reflection

Mach-Zehnder interferometers

Machine, Connection
USE Connection Machine

machine, Cushioncraft ground effect
USE Cushioncraft ground effect machine

machine, DTMB-111 ground effect
USE ground effect machines

machine, DTMB-430 ground effect
USE ground effect machines

(machine elements), shafts
USE shafts (machine elements)

(machine elements), transmissions
USE transmissions (machine elements)

machine learning

machine life
USE service life

machine oriented languages

machine recognition
USE artificial intelligence

machine, SR-N2 ground effect
USE Westland ground effect machines

machine, SR-N3 ground effect
USE Westland ground effect machines

machine, SR-N5 ground effect
USE Westland ground effect machines

machine storage
USE core storage
computer storage devices

machine systems, man
USE man machine systems

machine tools

machine translation

machine vision
USE computer vision

machine, Westland SR-N2 ground effect
USE Westland ground effect machines

machine, Westland SR-N3 ground effect
USE Westland ground effect machines

machine, Westland SR-N5 ground effect
USE Westland ground effect machines

machine-independent programs

machinery

(machinery), positioning devices
USE positioning devices (machinery)

machinery, refrigerating
USE refrigerating machinery

machinery, turbo
USE turbomachinery

machines, boring
USE boring machines

machines, drafting
USE drafting machines

machines, fatigue testing
USE fatigue testing machines

machines, finite-state
USE Turing machines

machines, grinding
USE grinding machines

machines, ground effect
USE ground effect machines

machines, HD-1 ground effect
USE hovercraft ground effect machines

machines, hovercraft ground effect
USE hovercraft ground effect machines

machines, impact testing
USE impact testing machines

machines, learning
USE machine learning

machines, load testing
USE load testing machines

machines, milling
USE milling machines

machines, reading
USE readers

machines, rotating electrical
USE rotating electrical machines

machines, teaching
USE teaching machines

machines, testing
USE test equipment

machines, tide powered
USE tide powered machines

machines, Turing
USE Turing machines

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machines, ultrasonic grinding
USE ultrasonic machining

machines, vibration testing
USE vibration simulators

machines, walking
USE walking machines

machines, waterwave powered
USE waterwave powered machines

machines, welding
USE welding machines

machines, Westland ground effect
USE Westland ground effect machines

machines, windmills (windpowered)
USE windmills (windpowered machines)

machining

machining, chemical
USE chemical machining

machining, electrochemical
USE electrochemical machining

machining, hot
USE hot machining

(machining), material removal
USE machining

machining, micro
USE micromachining

(machining), milling
USE milling (machining)

machining, spark
USE spark machining

machining, ultrasonic
USE ultrasonic machining

Macintosh PC
USE Macintosh personal computers

Macintosh personal computers

MacLaurin series

macroclimate
USE climate

macromolecules

macromolecules
USE molecules

macrophages

macroscopic equations

macular vision
USE vision

Madagascar

Maffei galaxies

magazines (supply chambers)

Magdalena-Cauca Valley (Colombia)

Magellan Mission (ESA)
USE Magellan ultraviolet astronomy satellite

Magellan project (NASA)

Magellan spacecraft (NASA)

Magellan ultraviolet astronomy satellite

Magellanic clouds

magic tees

magma

magnesium
 magnesium alloys
 magnesium bromides
 magnesium cells
 magnesium chlorides
 magnesium compounds
 magnesium fluorides
 magnesium germanates
 magnesium germanides
 magnesium isotopes
 magnesium oxides
 magnesium perchlorates
 magnesium sulfates
 magnesium titanates
 Magnesyn (trademark)
 USE servomotors
 magnet coils
 magnetic absorption
 USE electromagnetic absorption
 magnetic amplifiers
 magnetic annular arc
 magnetic annular shock tubes
 magnetic anomalies
 magnetic bearings
 magnetic charge density
 magnetic charge, scalar
 USE magnetic charge density
 magnetic circuits
 magnetic clouds
 magnetic coils
 magnetic compasses
 magnetic compression
 magnetic control
 magnetic cooling
 magnetic cores
 magnetic diffusion
 magnetic dipoles
 magnetic disks
 magnetic dispersion
 magnetic disturbances
 magnetic domains
 magnetic drums
 magnetic effects
 magnetic energy storage
 magnetic equator
 magnetic field configurations

magnetic field intensity
 USE magnetic flux
 magnetic field inversions
 magnetic field reconnection
 magnetic field, solar
 USE solar magnetic field
 magnetic fields
 magnetic fields, force-free
 USE force-free magnetic fields
 magnetic fields, galactic
 USE interstellar magnetic fields
 magnetic fields, interplanetary
 USE interplanetary magnetic fields
 magnetic fields, interstellar
 USE interstellar magnetic fields
 magnetic fields, lunar
 USE lunar magnetic fields
 magnetic fields, nonuniform
 USE nonuniform magnetic fields
 magnetic fields, planetary
 USE planetary magnetic fields
 magnetic fields, stellar
 USE stellar magnetic fields
 magnetic fields, trapped
 USE trapped magnetic fields
 magnetic films
 magnetic flux
 magnetic forming
 magnetic induction
 magnetic induction probes
 USE magnetic probes
 magnetic lenses
 magnetic levitation vehicles
 magnetic materials
 magnetic measurement
 magnetic memories
 USE magnetic storage
 magnetic metals
 USE magnetic materials
 metals
 magnetic mirrors
 magnetic moments
 magnetic monopoles
 magnetic permeability
 magnetic pistons
 magnetic poles
 magnetic probes
 magnetic properties
 magnetic pumping
 magnetic recording
 magnetic relaxation
 magnetic resonance

magnetic resonance, nuclear
 USE nuclear magnetic resonance
 magnetic resonance, proton
 USE proton magnetic resonance
 magnetic rigidity
 magnetic shielding
 magnetic signals
 magnetic signatures
 magnetic spectroscopy
 magnetic stars
 magnetic storage
 magnetic storms
 magnetic substorms
 USE magnetic storms
 magnetic surveys
 magnetic susceptibility
 USE magnetic permeability
 magnetic suspension
 magnetic switching
 magnetic tape recorders
 USE magnetic recording
 tape recorders
 magnetic tape transports
 magnetic tapes
 magnetic transducers
 magnetic variations
 magnetically trapped particles
 magnetism, aero
 USE aeromagnetism
 magnetism, antiferro
 USE antiferromagnetism
 magnetism, dia
 USE diamagnetism
 magnetism, electro
 USE electromagnetism
 magnetism, ferri
 USE ferrimagnetism
 magnetism, ferro
 USE ferromagnetism
 magnetism, geo
 USE geomagnetism
 magnetism, gyro
 USE gyromagnetism
 magnetism, paleo
 USE paleomagnetism
 magnetism, para
 USE paramagnetism
 (magnetism), susceptibility
 USE magnetic permeability
 magnetism, terrestrial
 USE geomagnetism
 magnetite
 magnetization
 magnetization, de
 USE demagnetization

Magneto Particle Tracer Explorers, Active

Magneto Particle Tracer Explorers, Active
USE AMPTE (satellites)

magneto-optics

magnetoacoustic waves

magnetoacoustics

magnetoactivity

magnetocardiography

magnetoelastic vibrations
USE magnetoelastic waves

magnetoelastic waves

magnetoelasticity
USE magnetostriction

magnetolectric media

magnetogasdynamics
USE magnetohydrodynamics

magnetograms
USE magnetic signatures

magnetohydrodynamic acceleration
USE plasma acceleration

magnetohydrodynamic flow

magnetohydrodynamic generators

magnetohydrodynamic shear heating

magnetohydrodynamic stability

magnetohydrodynamic turbulence

magnetohydrodynamic waves

magnetohydrodynamics

magnetohydrostatics

magnetoionic plasma
USE plasmas (physics)

magnetolitics

magnetomechanics (physics)

magnetometers

magnetometry
USE magnetic measurement

magneton, Bohr
USE Bohr magneton

magneto-optical effect, Kerr
USE Kerr magneto-optical effect

magnetopause

magnetoplasmadynamics

magnetoplasmas
USE plasmas (physics)

magnetoresistivity

magnetosheath

magnetosonic resonance

magnetosphere coupling, ionosphere-
USE magnetosphere-ionosphere coupling

magnetosphere, Earth
USE Earth magnetosphere

magnetosphere-ionosphere coupling

magnetospheres

magnetospheres, cometary
USE cometary magnetospheres

magnetospheres, planetary
USE planetary magnetospheres

magnetospheres, pulsar
USE pulsar magnetospheres

magnetospheres, stellar
USE stellar magnetospheres

magnetospheric electron density

Magnetospheric Explorer, International
USE International Magnetospheric Explorer

magnetospheric instability

magnetospheric ion density

magnetospheric payload, atmospheric and
USE AMPS (satellite payload)

magnetospheric proton density

Magnetospheric Study, International
USE International Magnetospheric Study

magnetostatic amplifiers

magnetostatic fields

magnetostatics

magnetostriction

magnetotail, Earth
USE geomagnetic tail

magnetotails

magnetotails, planetary
USE planetary magnetotails

magnetotelluric profiling
USE magnetic surveys

magnetovariographs
USE variometers

magnetron sputtering

magnetrons

magnets

magnets, cryogenic
USE cryogenic magnets

magnets, electro
USE electromagnets

magnets, ferri
USE ferrimagnets

magnets, high field
USE high field magnets

magnets, permanent
USE permanent magnets

magnets, superconducting
USE superconducting magnets

magnets, wiggler
USE wiggler magnets

magnification

magnifiers
USE magnification

magnitude

magnitude diagram, color-
USE color-magnitude diagram

magnitude, stellar
USE stellar magnitude

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magnons

Magnus effect

Magsat A satellite

MagSat B satellite

MagSat satellites

MagSat 1 satellite

mail, air
USE air mail

mail, electronic
USE electronic mail

main engine, Space Shuttle
USE Space Shuttle main engine

main sequence stars

main sequence stars, pre-
USE pre-main sequence stars

Maine

mainland, China (communist)
USE China

maintainability

maintenance

maintenance, aircraft
USE aircraft maintenance

maintenance (computers), file
USE file maintenance (computers)

maintenance, space
USE space maintenance

maintenance, spacecraft
USE spacecraft maintenance

maintenance training

majority carriers

making, decision
USE decision making

making, rain
USE rainmaking

Malagasy Republic
USE Madagascar

Malawi

Malaya
USE Malaysia

Malaysia

Maldives Islands

maleates

males

malfunctions

Mali

Malik's theory

malleability

malononitrile

Malta

mammals

mammals, marine
USE marine mammals

mammary glands**man**

USE human beings

man environment interactions**man machine systems****man operated propulsion systems****man powered aircraft****man tended free flyers****man-computer interface****management****management analysis****management, business**

USE industrial management

management, configuration

USE configuration management

management, contract

USE contract management

management, data

USE data management

management, engineering

USE engineering management

management, environment

USE environment management

management, financial

USE financial management

management, fluid

USE fluid management

management, forest

USE forest management

management, industrial

USE industrial management

management, information

USE information management

management information systems**management, inventory**

USE inventory management

management, land

USE land management

management, logistics

USE logistics management

management, matrix

USE matrix management

management methods**management, personnel**

USE personnel management

management planning**management, procurement**

USE procurement management

management, production

USE production management

management, program

USE project management

management, project

USE project management

management, records

USE records management

management, research

USE research management

management, resources

USE resources management

management, safety

USE safety management

Management System, Central Electronic

USE Central Electronic Management System

management systems**management, systems**

USE systems management

management systems, data base

USE data base management systems

management systems, flight

USE flight management systems

management, terminal area energy

USE terminal area energy management

management, total quality

USE total quality management

management, water

USE water management

management, weapon system

USE weapon system management

manatees**Mandelstam representation****mandrels****maneuver, Valsalva**

USE Valsalva exercise

maneuverability**maneuverable aircraft, highly**

USE highly maneuverable aircraft

maneuverable reentry bodies**maneuverable spacecraft****maneuvering, aero**

USE aeromaneuvering

Maneuvering Engine (Space Shuttle), Orbit

USE Orbit Maneuvering Engine (Space Shuttle)

maneuvering equipment, astronaut

USE astronaut maneuvering equipment

Maneuvering Life Support Sys, Integrated

USE IMLSS

maneuvering system, teleoperator

USE teleoperators

Maneuvering Units, Manned

USE Manned Maneuvering Units

maneuvering units, self

USE self maneuvering units

(maneuvering units), SMU

USE self maneuvering units

maneuvering units, space self

USE self maneuvering units

maneuvering vehicles, orbital

USE orbital maneuvering vehicles

maneuvers**maneuvers, aircraft**

USE aircraft maneuvers

maneuvers, orbital

USE orbital maneuvers

maneuvers, satellite

USE spacecraft maneuvers

maneuvers, spacecraft

USE spacecraft maneuvers

manganates, per

USE permanganates

manganese**manganese alloys****manganese compounds****manganese ions****manganese isotopes****manganese oxides****manganese phosphides****manganese 53**

USE manganese isotopes

manganese 54

USE manganese isotopes

manganese 56

USE manganese isotopes

Manganin (trademark)**manifest anxiety scale, Taylor**

USE Taylor manifest anxiety scale

manifold, Riemann

USE Riemann manifold

manifolds**manifolds (mathematics)****manipulation**

USE manipulators

manipulator system, remote

USE remote manipulator system

manipulators**Manitoba****Manitou (CO)****Mann-Whitney-Wilcoxon U test****Manned Aerodynamic Reusable Spaceship**

USE MARS (Manned Reusable Spacecraft)

manned lunar surface vehicles**Manned Maneuvering Units****manned Mars missions****manned orbital laboratories****manned orbital space stations**

USE space stations

manned orbital telescopes**manned reentry****(Manned Reusable Spacecraft), MARS**

USE MARS (Manned Reusable Spacecraft)

manned space flight**manned space flight network****manned spacecraft****manned spacecraft, voshkod**

USE voshkod manned spacecraft

manned spaceplane, Hermes

USE Hermes manned spaceplane

Manning theory

Manning theory

mannitol

manometers

manpower

Manson law, Coffin-
USE Coffin-Manson law

mantle, Earth
USE Earth mantle

mantle (Earth structure)
USE Earth mantle

mantle, lunar
USE lunar mantle

mantles, planetary
USE planetary mantles

manual

manual control

manuals

manuals (computer programs), user
USE user manuals (computer programs)

manuals, installation
USE installation manuals

manufacturing

(manufacturing), CAM
USE computer aided manufacturing

manufacturing, computer aided
USE computer aided manufacturing

manufacturing, low gravity
USE low gravity manufacturing

manufacturing, space
USE space manufacturing

manures

many body problem

many electron effects

many particle theory
USE many body problem

map matching guidance

map, Patterson
USE Patterson map

MAP (programming language)

Mapper Project, Venus Radar
USE Magellan project (NASA)

Mapper, Venus Radar
USE Magellan spacecraft (NASA)

mappers (LANDSAT), thematic
USE thematic mappers (LANDSAT)

mapping

mapping, cadastral
USE cadastral mapping

mapping, computer aided
USE computer aided mapping

mapping, conformal
USE conformal mapping

mapping, flux
USE flux density
mapping

mapping, ice
USE ice mapping

Mapping Mission, Heat Capacity
USE Heat Capacity Mapping Mission

mapping, photo
USE photomapping

mapping, planetary
USE planetary mapping

mapping, soil
USE soil mapping

Mapping Spectrometer, Total Ozone
USE Total Ozone Mapping Spectrometer

mapping, thematic
USE thematic mapping

mapping, thermal
USE thermal mapping

maps

maps, astronomical
USE astronomical maps

maps, lunar
USE lunar maps

maps, photo
USE photomaps

maps, radar
USE radar maps

maps, radar clutter
USE radar clutter maps

maps, relief
USE relief maps

maps, weather
USE meteorological charts

Mapsat

maraging

maraging steels

Marangoni convection

Marbore 2 engine
USE J-69-T-25 engine

marching, spatial
USE spatial marching

marching, time
USE time marching

Marco satellites, San
USE San Marco satellites

Marco 1 satellite, San
USE San Marco 1 satellite

Marco 2 satellite, San
USE San Marco 2 satellite

Marco 3 satellite, San
USE San Marco 3 satellite

Marecs maritime satellites

margins

margins, continental
USE continental shelves

maria

maria, lunar
USE lunar maria

marijuana

marine biology

marine chemistry

NASA THESAURUS VOLUME 2

marine environments

marine mammals

marine meteorology

marine navigation
USE surface navigation

marine propulsion

marine resources

marine rudders

marine technology

marine transportation

Mariner C spacecraft

Mariner Jupiter-Saturn flyby

Mariner Jupiter-Uranus flyby

Mariner Mark 2 Spacecraft

Mariner program

Mariner R 2 space probe

Mariner space probes

Mariner spacecraft

Mariner Venus 67 spacecraft

Mariner Venus-Mercury 1973

Mariner 1 space probe

Mariner 2 space probe

Mariner 3 space probe

Mariner 4 space probe

Mariner 5 space probe

Mariner 6 space probe

Mariner 7 space probe

Mariner 8 space probe

Mariner 9 space probe

Mariner 10 space probe

Mariner 11 space probe

Mariner-Mercury 1973

Marino, San
USE San Marino

Marisat satellites

Marisat 1 satellite

Maritime Communication Satellite (ESA)
USE Marots (ESA)

Maritime Orbital Test Satellite
USE Marots (ESA)

maritime satellites

maritime satellites, Marecs
USE Marecs maritime satellites

Mark 1 reentry body

Mark 1 spacecraft

Mark 2 reentry body

Mark 2 Spacecraft, Mariner
USE Mariner Mark 2 Spacecraft

- Mark 3 reentry body**
- Mark 4 reentry body**
- Mark 5 reentry body**
- Mark 6 reentry body**
- Mark 11 reentry body**
- Mark 12 reentry body**
- Mark 17 reentry body**
- Markarian galaxies**
- markers**
- market research**
- marketing**
- marking**
- (marking), labeling**
USE marking
- Markov chains**
- Markov processes**
- Markov theorem, Gauss-**
USE Gauss-Markov theorem
- Marots (ESA)**
- Marquardt R4D engine**
- marrow, bone**
USE bone marrow
- mars**
- Mars atmosphere**
- Mars craters**
- Mars environment**
- Mars Excursion Module**
- Mars Geoscience Climatology Orbiter**
USE Mars Observer
- Mars landing**
- MARS (Manned Reusable Spacecraft)**
- Mars missions, manned**
USE manned Mars missions
- Mars Observer**
- Mars photographs**
- Mars (planet)**
- Mars probes**
- Mars program, Viking**
USE Viking Mars program
- Mars Rover Sample Return Mission**
USE Mars sample return missions
- Mars sample return missions**
- Mars satellites**
- Mars surface**
- Mars surface samples**
- Mars trajectories, Earth-**
USE Earth-Mars trajectories
- Mars volcanoes**
- Mars 1 spacecraft**
- Mars 2 spacecraft**
- Mars 3 spacecraft**
- Mars 4 Spacecraft**
- Mars 5 spacecraft**
- Mars 6 spacecraft**
- Mars 7 spacecraft**
- Mars 69 project**
- Mars 71 project**
- marshes**
USE marshlands
- marshlands**
- marshlands, coastal**
USE marshlands
- martensite**
- martensitic stainless steels**
- martensitic transformation**
- Martin aircraft**
- martingales**
- Martinique**
- MARVS (programming language)**
- Maryland**
- mascons**
- maser materials**
- maser modulation, optical**
USE light modulation
- maser outputs**
- maser pumping**
- maser resonators**
USE masers
- masers**
- masers, gas**
USE gas masers
- masers, hydrogen**
USE hydrogen masers
- masers, infrared**
USE infrared lasers
- masers, interstellar**
USE interstellar masers
- masers, optical**
USE lasers
- masers, proton**
USE proton masers
- masers, traveling wave**
USE traveling wave masers
- masers, water**
USE water masers
- masking**
- masking, target**
USE target masking
- masks**
- masks, oxygen**
USE oxygen masks
- masks, photo**
USE photomasks
- Masonite (trademark)**
- masonry**
- mass**
- mass accretion, stellar**
USE stellar mass accretion
- mass (astrophysics), missing**
USE missing mass (astrophysics)
- mass, atomic**
USE atomic weights
- mass balance**
- (mass), ballast**
USE ballast (mass)
- mass, center of**
USE center of mass
- mass, critical**
USE critical mass
- mass distribution**
- mass drivers**
- mass ejection, stellar**
USE stellar mass ejection
- mass, electron**
USE electron mass
- mass filters**
USE fluid filters
- mass flow**
- mass flow factors**
- mass flow rate**
- mass, galactic**
USE galactic mass
- mass, low**
USE mass
- mass, particle**
USE particle mass
- mass, planetary**
USE planetary mass
- mass ratio, payload**
USE payload mass ratio
- mass ratio, propellant**
USE propellant mass ratio
- mass ratios**
- mass spectra**
- mass spectrometers**
- mass spectrometers, retarding ion**
USE mass spectrometers
- mass spectrometry**
USE mass spectroscopy
- mass spectrometry, secondary ion**
USE secondary ion mass spectrometry
- mass spectroscopy**
- mass, stellar**
USE stellar mass
- mass, subcritical**
USE subcritical mass
- mass systems, variable**
USE variable mass systems

mass to light ratios

mass to light ratios

mass transfer

(mass), weight
USE weight (mass)

(mass/volume), density
USE density (mass/volume)

Massachusetts

massaging

masses, air
USE air masses

massifs

massive stars

massively parallel processors

MAST shock tubes
USE magnetic annular shock tubes

mastication

mastoids

matched filters

matching

matching guidance, map
USE map matching guidance

matching, impedance
USE impedance matching

matching method (mathematics), point
USE boundary value problems

matching navigation system, terrain contour
USE TERCOM

matching, phase
USE phase matching

material absorption

material, audio visual
USE audio visual material

material balance

material disposal (in space), hazardous
USE hazardous material disposal (in space)

(material), mortars
USE mortars (material)

(material), paper
USE paper (material)

(material), pitch
USE pitch (material)

(material removal), grinding
USE grinding (material removal)

material removal (machining)
USE machining

material strength
USE mechanical properties

materials

materials, ablative
USE ablative materials

(materials), absorbers
USE absorbers (materials)

materials, acceptor
USE acceptor materials

(materials), aging
USE aging (materials)

materials, aircraft construction
USE aircraft construction materials

materials, airframe
USE airframe materials

materials, amorphous
USE amorphous materials

(materials), attrition
USE comminution

(materials), binary systems
USE binary systems (materials)

(materials), binders
USE binders (materials)

materials, boron reinforced
USE boron reinforced materials

materials, brittle
USE brittle materials

materials, building
USE construction materials

materials, carbonaceous
USE carbonaceous materials

materials, composite
USE composite materials

materials, construction
USE construction materials

(materials), cork
USE cork (materials)

(materials), curl
USE curl (materials)

(materials), debonding
USE debonding (materials)

materials, dielectric
USE dielectrics

(materials), dislocations
USE dislocations (materials)

materials, donor
USE donor materials

materials, dredged
USE dredged materials

materials, electrode
USE electrode materials

(materials), fatigue
USE fatigue (materials)

materials, ferrimagnetic
USE ferrimagnetic materials

materials, ferromagnetic
USE ferromagnetic materials

(materials), FGM
USE functionally gradient materials

materials, fibrous
USE fibers

materials, fissile
USE fissionable materials

materials, fissionable
USE fissionable materials

(materials), foils
USE foils (materials)

(materials), fractures
USE fractures (materials)

materials, functionally gradient
USE functionally gradient materials

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materials, granular
USE granular materials

materials handling

(materials), hardening
USE hardening (materials)

materials, high temperature
USE refractory materials

materials, inorganic
USE inorganic materials

materials, insulating
USE insulation

materials, laminated
USE laminates

materials, laser
USE laser materials

materials, lossless
USE lossless materials

materials, low density
USE low density materials

materials, magnetic
USE magnetic materials

materials, maser
USE maser materials

materials, matrix
USE matrix materials

materials, molding
USE molding materials

materials (non biological), cellular
USE foams

materials, nonflammable
USE nonflammable materials

materials, noxious
USE contaminants

materials, optical
USE optical materials

materials, optical data storage
USE optical data storage materials

materials, organic
USE organic materials

(materials), PCM
USE phase change materials

materials, phase change
USE phase change materials

(materials), phase separation
USE phase separation (materials)

(materials), phase stability
USE phase stability (materials)

materials, photoelastic
USE photoelastic materials

materials, photoelectric
USE photoelectric materials

materials, porous
USE porous materials

materials, pyrolytic
USE pyrolytic materials

materials, pyrophoric
USE pyrophoric materials

materials, radioactive
USE radioactive materials

materials, radiogenic
USE radiogenic materials

materials, radome
USE radome materials

materials, reactor
USE reactor materials

materials recovery

materials, refractory
USE refractory materials

materials, reinforcing
USE reinforcing materials

materials, RTM (composite)
USE resin transfer molding

materials science

materials, self lubricating
USE self lubricating materials

(materials), semiconductors
USE semiconductors (materials)

materials, sizing
USE sizing materials

materials, spacecraft construction
USE spacecraft construction materials

(materials), sponges
USE sponges (materials)

materials, strategic
USE strategic materials

materials, strength of
USE mechanical properties

materials, structural
USE construction materials

materials, superhybrid
USE superhybrid materials

materials testing reactors
USE nuclear research and test reactors

materials tests

materials, thermochromatic
USE thermochromatic materials

materials, thermoelectric
USE thermoelectric materials

(materials), thickeners
USE thickeners (materials)

materials, transparent
USE transparence

materials, vitreous
USE vitreous materials

mathematical analysis
USE applications of mathematics

mathematical logic

mathematical models

mathematical programming

mathematical tables

mathematics

(mathematics), analysis
USE analysis (mathematics)

mathematics, applications of
USE applications of mathematics

(mathematics), arguments
USE independent variables

(mathematics), bifurcation
USE branching (mathematics)

(mathematics), biological models
USE biological models (mathematics)

(mathematics), branching
USE branching (mathematics)

(mathematics), censored data
USE censored data (mathematics)

(mathematics), combinations
USE combinations (mathematics)

(mathematics), complements
USE complements (mathematics)

(mathematics), continuity
USE continuity (mathematics)

(mathematics), convolutions
USE convolution integrals

(mathematics), cubes
USE cubes (mathematics)

(mathematics), cusps
USE cusps (mathematics)

(mathematics), dividing
USE dividing (mathematics)

(mathematics), expressions
USE formulas (mathematics)

(mathematics), fibers
USE fibers (mathematics)

(mathematics), fixed points
USE fixed points (mathematics)

(mathematics), formulas
USE formulas (mathematics)

(mathematics), functions
USE functions (mathematics)

(mathematics), grid generation
USE grid generation (mathematics)

(mathematics), grids
USE computational grids

(mathematics), imbeddings
USE imbeddings (mathematics)

(mathematics), induction
USE induction (mathematics)

(mathematics), lattices
USE lattices (mathematics)

(mathematics), limits
USE limits (mathematics)

(mathematics), links
USE links (mathematics)

(mathematics), manifolds
USE manifolds (mathematics)

(mathematics), matrices
USE matrices (mathematics)

(mathematics), mesh generation
USE grid generation (mathematics)

(mathematics), operators
USE operators (mathematics)

(mathematics), partitions
USE partitions (mathematics)

(mathematics), point matching method
USE boundary value problems

(mathematics), points
USE points (mathematics)

(mathematics), reduction
USE optimization

(mathematics), relaxation method
USE relaxation method (mathematics)

(mathematics), rings
USE rings (mathematics)

(mathematics), robustness
USE robustness (mathematics)

(mathematics), series
USE series (mathematics)

(mathematics), singularity
USE singularity (mathematics)

(mathematics), squares
USE squares (mathematics)

(mathematics), stars
USE stars (mathematics)

(mathematics), subsets
USE set theory

(mathematics), superimposition
USE superposition (mathematics)

(mathematics), superposition
USE superposition (mathematics)

(mathematics), transformations
USE transformations (mathematics)

(mathematics), trees
USE trees (mathematics)

(mathematics), truncation
USE approximation

(mathematics), upwind schemes
USE upwind schemes (mathematics)

(mathematics), vectors
USE vectors (mathematics)

Mathieu equation
USE Mathieu function

Mathieu function

Matra missile

matrices

matrices (circuits)

matrices, Hessian
USE Hessian matrices

matrices (mathematics)

matrix analysis
USE matrices (mathematics)

matrix composites, ceramic
USE ceramic matrix composites

matrix composites, epoxy
USE epoxy matrix composites

matrix composites, metal
USE metal matrix composites

matrix composites, polymer
USE polymer matrix composites

matrix composites, resin
USE resin matrix composites

matrix management

matrix materials

matrix method, Jacobi
USE Jacobi matrix method

matrix methods

matrix, scattering
USE S matrix theory

matrix, stiffness

matrix, stiffness

USE stiffness matrix

matrix stress calculation

USE matrix methods

matrix theory

matrix theory, S

USE S matrix theory

mats, landing

USE landing mats

matter, anti

USE antimatter

matter, circumstellar

USE stellar envelopes

matter, dark

USE dark matter

matter, degenerate

USE degenerate matter

matter, extraterrestrial

USE extraterrestrial matter

matter, interstellar

USE interstellar matter

matter, negative

USE negative matter

matter (physics)

matter physics, condensed

USE condensed matter physics

matter propulsion, negative

USE negative matter propulsion

matter, rotating

USE rotating matter

matter-antimatter propulsion

MATTS (systems)

maturing

USE growth

Mauler missile

Mauritania

Mauritius

Maverick missiles

Max Holste MH-262 aircraft

USE MH-262 aircraft

maxima

maximum entropy method

maximum likelihood estimates

maximum mission, solar

USE solar maximum mission

maximum mission-A, solar

USE solar maximum mission-A

maximum principle

maximum usable frequency

Maxwell bodies

Maxwell equation

Maxwell fluids

Maxwell-Boltzmann density function

Maxwell-Mohr method

Maxwellian distribution (density)

USE Maxwell-Boltzmann density function

Mayer equation, Born-

USE Born approximation

Mayer problem

maypole antennas

maze learning

MB-1 rocket vehicle

USE Genie rocket vehicle

MBM junctions

Mcdonnell aircraft

Mcdonnell Douglas aircraft

McLaurin series

USE MacLaurin series

McLeod gages

McMurdo sound

MCR reactors

USE military compact reactors

MD

USE Maryland

Md

USE mendelevium

(MD-NY-PA), Susquehanna River Basin

USE Susquehanna River Basin (MD-NY-PA)

(MD-VA), Assateague Island

USE Assateague Island (MD-VA)

MD-VA), Delmarva Peninsula (DE-

USE Delmarva Peninsula (DE-MD-VA)

(MD-VA-WV), Potomac River Valley

USE Potomac River Valley (MD-VA-WV)

MDA

USE multiple docking adapters

ME

USE Maine

ME P-160 aircraft

USE P-160 aircraft

ME P-160 aircraft, Messerschmitt

USE P-160 aircraft

ME P-308 aircraft

USE P-308 aircraft

ME P-308 aircraft, Messerschmitt

USE P-308 aircraft

(MEA), monoethanolamine

USE monoethanolamine (MEA)

meadowlands

USE grasslands

mean

mean free path

mean square values

mean time between failures

USE MTBF

mean-square errors, root-

USE root-mean-square errors

meanders

Measur System, Integ Med and Behavioral Lab

USE IMBLMS

measure and integration

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measure, Shannon-Wiener

USE Shannon-Wiener measure

measure theory

USE measure and integration

measurement

measurement, acoustic

USE acoustic measurement

measurement (biology), body

USE body measurement (biology)

measurement, density

USE density measurement

measurement, depth

USE depth measurement

measurement, dimensional

USE dimensional measurement

measurement, displacement

USE displacement measurement

measurement, downrange

USE downrange measurement

measurement, drag

USE drag measurement

measurement, electrical

USE electrical measurement

measurement, electromagnetic

USE electromagnetic measurement

measurement, electromagnetic noise

USE electromagnetic noise measurement

measurement, electronic signal

USE signal measurement

measurement, flow

USE flow measurement

measurement, frequency

USE frequency measurement

measurement, friction

USE friction measurement

measurement, heat

USE heat measurement

measurement, high alt target and background

USE high alt target and background measurement

measurement, humidity

USE humidity measurement

measurement, impedance

USE impedance measurement

measurement, in situ

USE in situ measurement

measurement, latitude

USE latitude measurement

measurement, longitude

USE longitude measurement

measurement, magnetic

USE magnetic measurement

measurement, mechanical

USE mechanical measurement

measurement, noise

USE noise measurement

measurement, non-intrusive

USE nonintrusive measurement

measurement, nonintrusive

USE nonintrusive measurement

measurement, optical

USE optical measurement

- measurement, photoelastic stress**
USE photoelastic analysis
- measurement, photographic**
USE photographic measurement
- measurement, plasma flux**
USE plasma flux measurement
- measurement, precipitation particle**
USE precipitation particle measurement
- measurement, pressure**
USE pressure measurement
- Measurement Program, Downrange Antimissile**
USE Downrange Antimissile Measurement Program
- Measurement project, Radio Attenuation**
USE Radio Attenuation Measurement project
- measurement, radar**
USE radar measurement
- measurement, radiation**
USE radiation measurement
- measurement, range**
USE rangefinding
- measurement, signal**
USE signal measurement
- measurement, sound**
USE acoustic measurement
- measurement, strain**
USE strain measurement
- measurement, stress**
USE stress measurement
- measurement, synoptic**
USE synoptic measurement
- measurement system, Earth terminal**
USE Earth terminal measurement system
- measurement, temperature**
USE temperature measurement
- measurement, thrust**
USE thrust measurement
- measurement, time**
USE time measurement
- measurement, trajectory**
USE trajectory measurement
- measurement, units of**
USE units of measurement
- measurement, velocity**
USE velocity measurement
- measurement, vibration**
USE vibration measurement
- measurement, voltage**
USE electrical measurement
- measurement, weight**
USE weight measurement
- measurement, wind**
USE wind measurement
- measurement, wind velocity**
USE wind velocity measurement
- measurement, X ray density**
USE X ray density measurement
- measurement, X ray stress**
USE X ray stress measurement
- measures**
- measures, counter**
USE countermeasures
- measuring**
USE measurement
- measuring apparatus, torque**
USE torque meters
- measuring equipment, distance**
USE distance measuring equipment
- measuring instruments**
- measuring instruments, optical**
USE optical measuring instruments
- measuring instruments, radiation**
USE radiation measuring instruments
- measuring instruments, shock**
USE shock measuring instruments
- measuring instruments, temperature**
USE temperature measuring instruments
- measuring instruments, time**
USE time measuring instruments
- measuring units, inertial**
USE inertial platforms
- mecamylamine**
- (mechanical apertures), irises**
USE irises (mechanical apertures)
- mechanical devices**
- mechanical drawings**
USE engineering drawings
- mechanical drives**
- mechanical engineering**
- mechanical fingers**
USE end effectors
- mechanical hands**
USE end effectors
- mechanical impedance**
- mechanical measurement**
- mechanical oscillators**
- mechanical properties**
- mechanical resonance**
USE resonant vibration
- mechanical shock**
- mechanical twinning**
- (mechanics), bladders**
USE diaphragms (mechanics)
- mechanics, celestial**
USE celestial mechanics
- mechanics, classical**
USE classical mechanics
- mechanics, continuum**
USE continuum mechanics
- (mechanics), diaphragms**
USE diaphragms (mechanics)
- mechanics, electro**
USE electromechanics
- mechanics, fault**
USE fracture mechanics
- mechanics, flight**
USE flight mechanics
- mechanics, fluid**
USE fluid mechanics
- mechanics, fracture**
USE fracture mechanics
- mechanics, head (fluid)**
USE head (fluid mechanics)
- (mechanics), hole distribution**
USE hole distribution (mechanics)
- (mechanics), hole geometry**
USE hole geometry (mechanics)
- (mechanics), holes**
USE holes (mechanics)
- mechanics, hydro**
USE hydromechanics
- mechanics, mega**
USE megamechanics
- mechanics, micro**
USE micromechanics
- mechanics, nonrelativistic**
USE nonrelativistic mechanics
- mechanics, orbital**
USE orbital mechanics
- mechanics, orbital resonances (celestial)**
USE orbital resonances (celestial mechanics)
- mechanics (physics)**
- mechanics, quantum**
USE quantum mechanics
- (mechanics), relaxation**
USE relaxation (mechanics)
- mechanics, rock**
USE rock mechanics
- mechanics, soil**
USE soil mechanics
- mechanics, solid**
USE solid mechanics
- mechanics, space**
USE space mechanics
- mechanics, statistical**
USE statistical mechanics
- mechanics, Stokes law (fluid)**
USE Stokes law (fluid mechanics)
- (mechanics), tolerances**
USE tolerances (mechanics)
- mechanism**
- mechanism, Dungeys wind shear**
USE wind shear
- mechanisms (biology), regulatory**
USE regulatory mechanisms (biology)
- mechanisms, servo**
USE servomechanisms
- mechanization**
- mechanograms**
- mechanoreceptors**
- meclizine**
- Med and Behavioral Lab Measur System, Integ**
USE IMBLMS
- media**
- media, anisotropic**
USE anisotropic media
- media, conducting**
USE conductors

media, elastic

media, elastic

USE elastic media

media, extragalactic

USE intergalactic media

media, intergalactic

USE intergalactic media

media, isotropic

USE isotropic media

media, lossy

USE lossy media

media, magnetoelectric

USE magnetoelectric media

media, news

USE news media

median (statistics)

mediastinum

mediation

medical electronics

medical equipment

medical personnel

medical phenomena

medical science

medical services

medicine

medicine, aerospace

USE aerospace medicine

medicine, clinical

USE clinical medicine

medicine, nuclear

USE nuclear medicine

medicine, radiation

USE nuclear medicine

medicine, space

USE aerospace medicine

medicine, sports

USE sports medicine

medicine, veterinary

USE veterinary medicine

Mediterranean Sea

medium, interplanetary

USE interplanetary medium

medium scale integration

meetings

USE conferences

megalopolises

megamechanics

Meissner effect

USE diamagnetism
superconductivity

melamine

melanin

melanoidin

Mellin transforms

mellitus, diabetes

USE diabetes mellitus

melt spinning

melting

melting, arc

USE arc melting

melting compounds, high

USE refractory materials

(melting), fusion

USE fusion (melting)

melting, levitation

USE levitation melting

melting points

melting, vacuum

USE vacuum melting

melting, zone

USE zone melting

melts, containerless

USE containerless melts

melts (crystal growth)

melts, impact

USE impact melts

MEM (excursion module)

USE Mars Excursion Module

member), skin (structural

USE skin (structural member)

members, cantilever

USE cantilever members

members), plates (structural

USE plates (structural members)

members, structural

USE structural members

members), studs (structural

USE studs (structural members)

membrane analogy

USE structural analysis
membrane structures

membrane electrolytes, ion exchange

USE ion exchange membrane electrolytes

membrane process, jet

USE jet membrane process

membrane structures

membrane theory

USE structural analysis

membranes

membranes (biology), cell

USE cell membranes (biology)

membranes, choroid

USE choroid membranes

(membranes), webs

USE membranes

memories, magnetic

USE magnetic storage

memory

memory alloys, shape

USE shape memory alloys

memory (computers)

memory (data storage), optical

USE optical memory (data storage)

memory devices, bubble

USE bubble memory devices

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(memory devices), chips

USE chips (memory devices)

memory devices, compact disk read-only

USE optical disks

memory devices, read-only

USE read-only memory devices

memory, plastic

USE plastic memory

memory, random access

USE random access memory

memory systems, virtual

USE virtual memory systems

mendelevium

meningitis

menisci

menstruation

mental health

mental performance

mental stress

USE stress (psychology)

menthol

meprobamate

mercaptan

USE thiols

mercapto compounds

USE thiols

Mercator projection

Mercure aircraft

mercury alloys

mercury amalgams

mercury arcs

Mercury atmosphere

mercury cadmium tellurides

mercury compounds

Mercury computer, Ferranti

USE Ferranti Mercury computer

Mercury flights

mercury ion engines

mercury isotopes

mercury lamps

mercury, liquid

USE mercury (metal)

Mercury MA-1 flight

Mercury MA-2 flight

Mercury MA-3 flight

Mercury MA-4 flight

Mercury MA-5 flight

Mercury MA-6 flight

Mercury MA-7 flight

Mercury MA-8 flight

Mercury MA-9 flight

mercury (metal)

Mercury MR-1 flight

Mercury MR-2 flight

Mercury MR-3 flight

Mercury MR-4 flight

mercury oxides

Mercury (planet)

Mercury project

Mercury spacecraft

Mercury surface

mercury tellurides

mercury tellurides, cadmium
USE mercury cadmium tellurides

Mercury trajectories, Earth-
USE Earth-Mercury trajectories

mercury vapor

Mercury 1973, Mariner Venus-
USE Mariner Venus-Mercury 1973

Mercury 1973, Mariner-
USE Mariner-Mercury 1973

merging routines

meridional flow

merit, figure of
USE figure of merit

meromorphic functions

Merritt Island (FL)

merwinite

mesas

MESFETS
USE field effect transistors

mesh

mesh generation
USE computational grids

mesh generation (mathematics)
USE grid generation (mathematics)

mesh, wire
USE wire cloth

mesitylene

mesometeorology

meson interactions, meson-
USE meson-meson interactions

meson resonance

meson-meson interactions

meson-nucleon interactions

mesons

mesons, eta-
USE eta-mesons

mesons, k-
USE kaons

mesons, omega-
USE omega-mesons

mesons, rho-
USE rho-mesons

mesons, sigma-
USE sigma-mesons

mesons, vector
USE vector mesons

mesons, X
USE X mesons

mesopause

mesophiles

mesoscale phenomena

mesosphere

mesosphere explorer, solar
USE solar mesosphere explorer

Mesozoic Era

message processing

messages

Messerschmitt ME P-160 aircraft
USE P-160 aircraft

Messerschmitt ME P-308 aircraft
USE P-308 aircraft

metabolic diseases

metabolic wastes

metabolism

metabolism, adrenal
USE adrenal metabolism

metabolism, ascorbic acid
USE ascorbic acid metabolism

metabolism, calcium
USE calcium metabolism

metabolism, carbohydrate
USE carbohydrate metabolism

metabolism, electrolyte
USE electrolyte metabolism

metabolism, hydrogen
USE hydrogen metabolism

metabolism, hypo
USE hypometabolism

metabolism, lipid
USE lipid metabolism

metabolism, mineral
USE mineral metabolism

metabolism, nitrogen
USE nitrogen metabolism

metabolism, oxygen
USE oxygen metabolism

metabolism, phosphorus
USE phosphorus metabolism

metabolism, protein
USE protein metabolism

metabolisms, hormone
USE hormone metabolisms

metabolites

metagalaxy
USE universe

metal air batteries

metal alloys, refractory
USE refractory metal alloys

metal, babbitt
USE babbitt metal

metal bonding

metal bonding, metal-
USE metal-metal bonding

metal coatings

metal combustion

metal composites, ceramic-
USE cermets

metal compounds

metal compounds, alkali
USE alkali metal compounds

metal cooled reactors, liquid
USE liquid metal cooled reactors

metal corrosion
USE corrosion

metal crystals

metal cutting

metal diodes, metal-insulator-
USE MIM diodes

metal drawing

metal fast breeder reactors, liquid
USE liquid metal fast breeder reactors

metal fatigue

metal fibers

metal films

metal finishing

metal fluorides

metal foams

metal foils

metal forging
USE forging

metal forming
USE forming techniques
metal working

metal fuels

metal grinding

metal halides

metal hardening
USE hardening (materials)

metal hydrides

metal insulator semiconductors
USE MIS (semiconductors)

metal interactions, gas-
USE gas-metal interactions

metal ions

metal joints

metal junctions, metal-barrier-
USE MBM junctions

(metal), lead
USE lead (metal)

metal matrix composites

(metal), mercury

(metal), mercury
USE mercury (metal)

metal nitrides

metal oxide semiconductors

metal oxide semiconductors, complementary
USE CMOS

metal oxides

metal particles

(metal), plate
USE metal plates

metal plates

metal polishing

metal powder

metal propellants

metal semiconductors, metal-insulator-
USE MIM (semiconductors)

metal semiconductors, metal-oxide-
USE MOM (semiconductors)

metal semiconductors, metal-semiconductor-
USE MSM (semiconductors)

metal, sheet
USE metal sheets

metal sheets

metal shells

metal spinning

metal spraying

metal strips

metal surfaces

metal vapor lasers

metal vapors

metal whisker reinforcement
USE whisker composites

metal working

metal-barrier-metal junctions
USE MBM junctions

metal-gas systems

metal-insulator-metal diodes
USE MIM diodes

metal-insulator-metal semiconductors
USE MIM (semiconductors)

metal-metal bonding

metal-nitride-oxide-semiconductors

metal-nitride-oxide-silicon

metal-oxide-metal semiconductors
USE MOM (semiconductors)

metal-semiconductor-metal semiconductors
USE MSM (semiconductors)

metal-water reactions

metallic glasses

metallic hydrogen

metallic plasmas

metallic stars

metallicity

metallics, inter
USE intermetallics

metallizing

metallography

metalloids

metallorganic compounds
USE organometallic compounds

metallo-siloxane polymer

metalloxane polymer

metallurgy

(metallurgy), aging
USE aging (metallurgy)

(metallurgy), HAZ
USE heat affected zone

metallurgy, hydro
USE hydrometallurgy

(metallurgy), lamella
USE lamella (metallurgy)

(metallurgy), pickling
USE pickling (metallurgy)

metallurgy, powder
USE powder metallurgy

metallurgy, pyro
USE pyrometallurgy

(metallurgy), rapid quenching
USE rapid quenching (metallurgy)

(metallurgy), spinning
USE metal spinning

(metallurgy), temper
USE temper (metallurgy)

metallorganic chemical vapor deposition

metallorganic chemical vapor desposition
USE metallorganic chemical vapor deposition

metals

metals, alkali
USE alkali metals

metals, alkaline earth
USE alkaline earth metals

metals, bi
USE bimetals

metals, ferrous
USE ferrous metals

metals, lanthanide series
USE rare earth elements

metals, liquid
USE liquid metals

metals, magnetic
USE metals
magnetic materials

metals, noble
USE noble metals

metals, nonferrous
USE nonferrous metals

metals, notched
USE notch tests

metals, polished
USE metal polishing

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metals, powdered
USE metal powder

metals, precious
USE noble metals

metals, refractory
USE refractory metals

metals, synthetic
USE synthetic metals

metals, transition
USE transition metals

metals, ultrapure
USE ultrapure metals

metamorphic rocks

metamorphism (geology)

metastability
USE metastable state

metastable atoms

metastable state

metathesis

metazoa
USE animals

Metcalf comet, Brorsen-
USE Brorsen-Metcalf comet

meteor bursts
USE meteoroid showers

meteor craters
USE craters

meteor hazards
USE meteoroid hazards

Meteor Project, Harvard Radio
USE Harvard Radio Meteor Project

meteor trails

Meteor 1 rocket vehicle

meteorite, Alais
USE Alais meteorite

meteorite, Allende
USE Allende meteorite

meteorite, Aroos
USE Aroos meteorite

meteorite, Bondoc
USE Bondoc meteorite

meteorite, Bruderheim
USE Bruderheim meteorite

meteorite, Cold Bokkeveld
USE Cold Bokkeveld meteorite

meteorite collisions

meteorite compression tests
USE meteorites
mechanical properties
compression tests

meteorite craters

meteorite craters, fossil
USE meteorite craters
fossils

meteorite, Harleton
USE Harleton meteorite

meteorite, Ivuna
USE Ivuna meteorite

meteorite, Lazarev
USE Lazarev meteorite

meteorite, Murchison
USE Murchison meteorite

meteorite, Murray
USE Murray meteorite

meteorite, Odessa
USE Odessa meteorite

meteorite, Okhansk
USE Okhansk meteorite

meteorite, Orgueil
USE Orgueil meteorite

meteorite, Pribram
USE Pribram meteorite

meteorite, Sikhote-Alin
USE Sikhote-Alin meteorite

meteorite, Tonk
USE Tonk meteorite

meteorite, Tungusk
USE Tungusk meteorite

meteorites

meteorites, carbonaceous
USE carbonaceous meteorites

meteorites, iron
USE iron meteorites

meteorites, micro
USE micrometeorites

meteorites, siderite
USE iron meteorites

meteorites, stony
USE stony meteorites

meteorites, stony-iron
USE stony-iron meteorites

meteoritic composition

meteoritic damage

meteoritic diamonds

meteoritic dust
USE micrometeoroids

meteoritic ionization
USE meteor trails
atmospheric ionization

meteoritic microstructures

meteoroid concentration

meteoroid craters
USE meteorite craters

meteoroid dust clouds

meteoroid hazards

meteoroid protection

Meteoroid satellite, Radiation and
USE Radiation and Meteoroid satellite

meteoroid showers

Meteoroid spacecraft, Radiation
USE Radiation Meteoroid spacecraft

Meteoroid Technology Satellite
USE Explorer 46 satellite

meteoroids

meteoroids, Aquarid
USE Aquarid meteoroids

meteoroids, Arietid
USE Arietid meteoroids

meteoroids, Cyrrillid
USE Cyrrillid meteoroids

meteoroids, Draconid
USE Draconid meteoroids

meteoroids, Geminid
USE Geminid meteoroids

meteoroids, Leonid
USE Leonid meteoroids

meteoroids, micro
USE micrometeoroids

meteoroids, Orionid
USE Orionid meteoroids

meteoroids, Perseid
USE Perseid meteoroids

meteoroids, Quadrantid
USE Quadrantid meteoroids

meteoroids, sporadic
USE sporadic meteoroids

meteoroids, Taurid
USE Taurid meteoroids

meteorological balloons

meteorological charts

meteorological flight

meteorological instruments

Meteorological Organization, World
USE World Meteorological Organization

meteorological parameters

meteorological probes
USE sondes

meteorological radar

meteorological research aircraft

meteorological rockets
USE sounding rockets

Meteorological Satellite Program, Defense
USE DMSP satellites

meteorological satellite, synchronous
USE synchronous meteorological satellite

meteorological satellites

meteorological services

meteorological solenoids

meteorological stations
USE weather stations

meteorology

meteorology, agro
USE agrometeorology

meteorology, Alpine
USE Alpine meteorology

meteorology, aviation
USE aviation meteorology

meteorology, bio
USE biometeorology

(meteorology), ceilings
USE ceilings (meteorology)

(meteorology), clouds
USE clouds (meteorology)

(meteorology), frontal areas
USE fronts (meteorology)

(meteorology), fronts
USE fronts (meteorology)

meteorology, hydro
USE hydrometeorology

(meteorology), jet streams
USE jet streams (meteorology)

(meteorology), long waves
USE planetary waves

meteorology, marine
USE marine meteorology

meteorology, meso
USE mesometeorology

meteorology, micro
USE micrometeorology

(meteorology), microbursts
USE microbursts (meteorology)

meteorology, nuclear
USE nuclear meteorology

meteorology, planetary
USE planetary meteorology

meteorology, polar
USE polar meteorology

(meteorology), precipitation
USE precipitation (meteorology)

meteorology, radio
USE radio meteorology

(meteorology), storms
USE storms (meteorology)

meteorology, synoptic
USE synoptic meteorology

(meteorology), teleconnections
USE teleconnections (meteorology)

meteorology, tropical
USE tropical meteorology

(meteorology), wind
USE wind (meteorology)

(meteorology), zonal flow
USE zonal flow (meteorology)

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USE meteoroids

meteors, radio
USE radio meteors

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meters
USE measuring instruments

meters, accelero
USE accelerometers

meters, alti
USE altimeters

meters, conductivity
USE conductivity meters

meters, elasto
USE elastometers

meters, electrical conductivity
USE electrical conductivity meters

meters, electro
USE electrometers

meters, field intensity
USE field intensity meters

meters, gas

meters, gas

USE gas meters

meters, gravity

USE gravimeters

meters, helio

USE heliometers

meters, hot-wire turbulence

USE hot-wire flowmeters
turbulence meters

meters, hydro

USE hydrometers

meters, interfero

USE interferometers

meters, light scattering

USE light scattering meters

meters, magneto

USE magnetometers

meters, micro

USE micrometers

meters, moisture

USE moisture meters

meters, nephelo

USE nephelometers

meters, noise

USE noise meters

meters, osmo

USE osmometers

meters, photo

USE photometers

meters, piezo

USE piezometers

meters, potentio

USE potentiometers

meters, pyro

USE pyrometers

meters, pyroheli

USE pyroheliometers

meters, radiation

USE radiation measuring instruments

meters, radio

USE radiometers

meters, rate

USE measuring instruments

meters, reflecto

USE reflectometers

meters, respiro

USE respirometers

meters, rheo

USE rheometers

meters, rio

USE riometers

meters, spectro

USE spectrometers

meters, spectrophoto

USE spectrophotometers

meters, spectroradio

USE spectroradiometers

meters, thermo

USE thermometers

meters, turbulence

USE turbulence meters

meters, vibration

USE vibration meters

meters, volt

USE voltmeters

methacrylate, polymethyl

USE polymethyl methacrylate

methacrylate resins

USE acrylic resins

methamphetamine

methanation

methane

methane, chlorofluoro

USE chlorofluoromethane

methane, nitro

USE nitromethane

methane, synthetic

USE synthane

methanol

USE methyl alcohol

methenyl

USE methyldiylne

methionine

method, Biot

USE Biot method

method, boundary element

USE boundary element method

method, boundary integral

USE boundary integral method

method, Bridgman

USE Bridgman method

method, characteristic

USE method of characteristics

method, conjugate gradient

USE conjugate gradient method

method, Cowell

USE numerical integration

method, Crank-Nicholson

USE Crank-Nicholson method

method, critical path

USE critical path method

method, Crocco

USE Crocco method

method, Czochralski

USE Czochralski method

method, Debye-Scherrer

USE Debye-Scherrer method

method, Encke

USE Encke method

method, finite element

USE finite element method

method, finite volume

USE finite volume method

method (fluid dynamics), panel

USE panel method (fluid dynamics)

method (forecasting), Delphi

USE Delphi method (forecasting)

method (forecasting), pattern

USE pattern method (forecasting)

method (forecasting), probe

USE probe method (forecasting)

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method (forecasting), profile

USE profile method (forecasting)

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USE Fujita method

method, Galerkin

USE Galerkin method

method, Glimm

USE Glimm method

method, Halphen

USE Halphen method

method, Hartree-Fock-Slater

USE Hartree-Fock-Slater method

method, Hill

USE Hill method

method, Jacobi matrix

USE Jacobi matrix method

method, Kjeldahl

USE Kjeldahl method

method, Latin square

USE Latin square method

method, Laue

USE Laue method

method, least squares

USE least squares method

method, Lighthill

USE Lighthill method

method (mathematics), point matching

USE boundary value problems

method (mathematics), relaxation

USE relaxation method (mathematics)

method, maximum entropy

USE maximum entropy method

method, Maxwell-Mohr

USE Maxwell-Mohr method

method, Milne

USE Milne method

method, Milne-Thomson

USE Milne-Thomson method

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USE minimum entropy method

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USE Monte Carlo method

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USE Newton-Raphson method

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method of moments

method, Percus

USE Percus method

method, Pohlhausen

USE Pohlhausen method

method, Rayleigh-Ritz

USE Rayleigh-Ritz method

method, Ritz averaging

USE Ritz averaging method

method, ruler

USE ruler method

method, Runge-Kutta

USE Runge-Kutta method

method, Schmidt

USE Schmidt method

- method, Schwartz**
USE Schwartz method
- method, simplex**
USE simplex method
- method, steepest ascent**
USE steepest descent method
- method, steepest descent**
USE steepest descent method
- method tests, wing flow**
USE wing flow method tests
- method, travelling solvent**
USE traveling solvent method
- method, Van Slyke**
USE Van Slyke method
- method, variation**
USE calculus of variations
- method, VIC**
USE vortex in cell technique
- method, von Zeipel**
USE von Zeipel method
- method, vortex lattice**
USE vortex lattice method
- method, Wentzel-Kramer-Brillouin**
USE Wentzel-Kramer-Brillouin method
- methodology**
- methods**
USE methodology procedures
- methods, ADI**
USE alternating direction implicit methods
- methods, alternating direction implicit**
USE alternating direction implicit methods
- methods, approximation**
USE approximation
- methods, asymptotic**
USE asymptotic methods
- methods, computer**
USE computer programs
- methods, energy**
USE energy methods
- methods, equilibrium**
USE equilibrium methods
- methods, heuristic**
USE heuristic methods
- methods, management**
USE management methods
- methods, matrix**
USE matrix methods
- methods, multigrid**
USE multigrid methods
- methods, Newton**
USE Newton methods
- methods, optical**
USE optics
- methods, predictor-corrector**
USE predictor-corrector methods
- methods, production**
USE production engineering
- methods, renormalization group**
USE renormalization group methods
- methods, spectral**
USE spectral methods
- methods, strain energy**
USE strain energy methods
- methoxy systems**
- methyl alcohol**
- methyl chloride**
- methyl chlorosilanes**
- methyl compounds**
- methyl cyanide**
USE acetonitrile
- methyl nitrate**
- methyl polysiloxanes**
- methylation**
- methylene**
- methylene blue**
- methylene diamine**
- methylhydrazine**
- methylhydrazines, di**
USE dimethylhydrazines
- methylidyne**
- (methylidyne), CH**
USE methylidyne
- metrazol**
- metric conversion**
USE metrication
- metric photography**
- metric, Schwarzschild**
USE Schwarzschild metric
- metric space**
- metric, space-time**
USE space-time functions
- metric system**
USE International System of Units
- metrication**
- metrics, bio**
USE biometrics
- metrics, psycho**
USE psychometrics
- metrology**
- Metropolitan aircraft**
USE CV-440 aircraft
- metropolitan areas**
USE cities
- metry, anthropo**
USE anthropometry
- metry, ozono**
USE ozonometry
- metry, photo**
USE photometry
- metry, trigono**
USE trigonometry
- Mexican space program**
- Mexico**
- Mexico, Gulf of**
USE Gulf of Mexico
- (Mexico), Gulf of California**
USE Gulf of California (Mexico)
- (Mexico), Lower California**
USE Lower California (Mexico)
- Mexico, New**
USE New Mexico
- Meyer expansion, Prandtl-**
USE Prandtl-Meyer expansion
- Mg**
USE magnesium
- MGCO**
USE Mars Observer
- MH-262 aircraft**
- MH-262 aircraft, Max Holste**
USE MH-262 aircraft
- MI**
USE Michigan
- (MI), Pontiac**
USE Pontiac (MI)
- (MI), Saginaw Bay**
USE Saginaw Bay (MI)
- mica**
- micarta**
- mice**
- mice, pocket**
USE pocket mice
- Michael reaction**
- Michaelis theory**
- Micell theorem**
- Michelson interferometers**
- Michigan**
- Michigan, Lake**
USE Lake Michigan
- microanalysis**
- microbalances**
- microballoons**
- microbe**
USE microorganisms
- microbeams**
- microbiology**
- microbursts (meteorology)**
- microcalorimeters**
USE calorimeters
- microchannel arrays, multi-anode**
USE multi-anode microchannel arrays
- microchannel plates**
- microchannels**
- microcircuits**
USE microelectronics
- microcircuits, encapsulated**
USE encapsulated microcircuits
- microclimatology**
- microcomputers**

microcracks

microcracks

microcrystals

Microcystis

microdensitometers

microelectronics

microfibers

microfilms

micrographs, photo

USE photomicrographs

micrography

USE photomicrography

micrography, photo

USE photomicrography

microgravity

microgravity applications

microhardness

microindentation

USE microhardness

microinstrumentation

micromachining

micromanometers

USE manometers

micromechanics

micrometeorites

Micrometeoroid Explorer satellites

micrometeoroids

micrometeorology

micrometeors

USE micrometeoroids

micrometers

micromillimeters

microminiaturization

microminiaturized electronic devices

micromodules

micromotors

microorganisms

microparticles

microphones

microphotographs

microphotometers

USE photometers

microplasmas

micropolar fluids

microporosity

microprocessor, Intel 8080

USE Intel 8080 microprocessor

microprocessors

microprogramming

micropulsations

micropulsations, geomagnetic

USE geomagnetic micropulsations

microrocket engines

microscales

USE microbalances

microscope (SLAM), scanning laser acoustic

USE acoustic microscopes

microscopes

microscopes, acoustic

USE acoustic microscopes

microscopes, electron

USE electron microscopes

microscopes, ion

USE ion microscopes

microscopes, optical

USE optical microscopes

microscopy

microscopy, electron

USE electron microscopy

microscopy, laser

USE laser microscopy

microscopy, photoacoustic

USE photoacoustic microscopy

microscopy, scanning electron

USE scanning electron microscopy

microscopy, scanning tunneling

USE scanning tunneling microscopy

(microscopy), SEM

USE scanning electron microscopy

(microscopy), slides

USE slides (microscopy)

(microscopy), TEM

USE transmission electron microscopy

microscopy, transmission electron

USE transmission electron microscopy

microscopy, ultraviolet

USE ultraviolet microscopy

microseisms

microsonics

microspores

microstrip antennas

microstrip devices

microstrip transmission lines

microstructure

microstructures, meteoritic

USE meteoritic microstructures

microthrust

microtomy

microtrons

microvision landing aid

microwave absorption

microwave amplifiers

microwave antennas

microwave attenuation

microwave circuits

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microwave coupling

microwave emission

microwave equipment

microwave filters

microwave frequencies

microwave holography

microwave imagery

microwave interferometers

microwave landing systems

microwave oscillators

microwave photography

microwave plasma probes

microwave power beaming

(microwave), power transmission

USE microwave power beaming

microwave probes

microwave radiation

USE microwaves

microwave radiometers

microwave reflectometers

microwave resonance

microwave scanning beam landing system

microwave scattering

microwave sensors

microwave signatures

microwave sounding

microwave spectra

microwave spectra, interstellar

USE microwave spectra
interstellar radiation

microwave spectrometers

microwave switching

microwave transmission

microwave tubes

microwaves

microweighing

USE weight measurement

microyield strength

micturition

USE urination

mid-ocean ridges

mid-oceanic ridges

USE mid-ocean ridges

midair collisions

midaltitude

Midas satellites

Midas 2 satellite

Midas 3 satellite

Midas 4 satellite

- Midas 5 satellite**
- Midas 6 satellite**
- Midas 7 satellite**
- midcourse guidance**
- midcourse trajectories**
- middle atmosphere**
- middle ear**
- middle ear pressure**
- midlatitude atmosphere**
- midlatitudes**
USE temperate regions
- Mie scattering**
- Mie theory**
USE Mie scattering
- MIG aircraft**
- migration**
- migration, electro**
USE electromigration
- migration, thermo**
USE thermomigration
- Mil aircraft**
- Milankovitch theory**
USE climatology
- military air facilities**
- military aircraft**
- military aircraft, Boeing**
USE military aircraft
- military aircraft, Cessna**
USE military aircraft
- military aircraft, Chance-Vought**
USE military aircraft
Chance-Vought aircraft
- military aircraft, Convair**
USE military aircraft
General Dynamics aircraft
- military aircraft, Curtiss-Wright**
USE military aircraft
Curtiss-Wright aircraft
- military aircraft, Fairchild**
USE military aircraft
Fairchild-Hiller aircraft
- military aircraft, Gyrodyne**
USE QH-50 helicopter
- military aircraft, Helio**
USE Helio aircraft
- military aircraft, Hiller**
USE Hiller aircraft
military aircraft
- military aircraft, Panavia**
USE Panavia military aircraft
- military aircraft, Republic**
USE military aircraft
- military aircraft, ryan**
USE Ryan aircraft
- military aviation**
- military compact reactors**
- military helicopters**
- military helicopters, Vertol**
USE Boeing aircraft
- military operations**
- military psychiatry**
USE military psychology
- military psychology**
- military spacecraft**
- military technology**
- military vehicles**
- milk**
- Milky Way Galaxy**
- millet**
- millimeters, micro**
USE micromillimeters
- millimeter waves**
- milling**
- milling, chemical**
USE chemical machining
- milling machines**
- milling (machining)**
- milling (mixing)**
USE compounding
- millivoltmeters**
- Mills fields, Yang-**
USE Yang-Mills fields
- mills, grinding**
USE grinding mills
- Mills ratio**
- Mills theory, Yang-**
USE Yang-Mills theory
- Milne method**
- Milne-Thomson method**
- MIM diodes**
- MIM (semiconductors)**
- Mimas**
- MIMD (computers)**
- MIMO (control systems)**
- mine detectors**
- Miner rule**
USE Palmgren-Miner rule
- Miner rule, Palmgren-**
USE Palmgren-Miner rule
- mineral content, bone**
USE bone mineral content
- mineral deposits**
- (mineral), dolomite**
USE dolomite (mineral)
- mineral exploration**
- mineral metabolism**
- mineral oils**
- mineralogy**
- minerals**
- mines**
- mines (excavations)**
- mines (ordnance)**
- miniature electronic equipment**
- miniaturization**
- miniaturization, micro**
USE microminiaturization
- miniaturization, sub**
USE subminiaturization
- minicomputers**
- minima**
- minimal surfaces**
- minimax technique**
- minimization**
USE optimization
- minimum drag**
- minimum entropy method**
- minimum variance orbit determination**
- mining**
- mining, lunar**
USE lunar mining
- mining, strip**
USE strip mining
- minitrack optical tracking system**
USE minitrack system
- minitrack system**
- MINIVAR orbit determination**
USE minimum variance orbit determination
- Minkowski space**
- Minnesota**
- minor circle turning flight**
- Minor Planet 1221**
USE Amor asteroid
- Minor Planet 2060**
USE Chiron
- minor planets**
USE asteroids
- minorities**
- minority carriers**
- MINOS computer**
- minute volume, heart**
USE heart minute volume
- Minuteman ICBM**
- Minuteman missiles**
USE Minuteman ICBM
- miosls**
- Mir space station**
- Mira Ceti star**
USE Omicron Ceti star
- Mira variables**
- Mirage aircraft**

Mirage 3 aircraft

Mirage 3 aircraft

Mirage 3 aircraft, Dassault
USE Mirage 3 aircraft

Miranda

Miranda satellite

Miros system

mirror fuslon

mirror point

mirrors

mirrors, magnetic
USE magnetic mirrors

mirrors, paraboloid
USE paraboloid mirrors

mirrors, rotating
USE rotating mirrors

mirrors, tandem
USE tandem mirrors

MIS (semiconductors)

misalignment

miscibility
USE solubility

miscibility gap

Mises theory, von
USE stress functions

MISFETS
USE field effect transistors

mismatch (electrical)

misorientation
USE misalignment

miss distance

missile, Antelope
USE Antelope missile

missile antennas

missile, Blue Goose
USE Blue Goose missile

missile, Blue Steel
USE Blue Steel missile

missile, Blue Streak
USE Blue Streak missile

missile bodies

missile, BOMARC A
USE BOMARC A missile

missile, BOMARC B
USE BOMARC B missile

missile, Bullpup B
USE Bullpup B missile

missile cases
USE missile bodies

missile, Chaparral
USE Chaparral missile

missile components

missile, Condor
USE Condor missile

missile configurations

missile construction
USE missile structures

missile control

missile, Corporal
USE Corporal missile

missile, Corvus
USE Corvus missile

missile decoys, ballistic
USE ballistic missile decoys

missile defense

missile design

missile detection

Missile Early Warning System, Ballistic
USE Ballistic Missile Early Warning System

missile engine cases
USE rocket engine cases

missile, Falcon
USE Falcon missile

missile guidance
USE missile control

missile, Harpoon
USE Harpoon missile

missile, Hawk
USE Hawk missile

missile, Hound Dog
USE Hound Dog missile

missile, Jupiter
USE Jupiter missile

missile, Lance
USE Lance missile

missile launchers

missile launchers, mobile
USE mobile missile launchers

missile, Matra
USE Matra missile

missile, Mauler
USE Mauler missile

missile, MX
USE MX missile

missile, Navaho
USE Navaho missile

missile, Nike-Ajax
USE Nike-Ajax missile

missile, Nike-Hercules
USE Nike-Hercules missile

missile, Nike-Zeus
USE Nike-Zeus missile

Missile Observation System, Satellite and
USE Samos

missile, Osprey
USE Osprey missile

missile, Patriot
USE Patriot missile

missile, Pershing
USE Pershing missile

missile, Polaris A1
USE Polaris A1 missile

missile, Polaris A2
USE Polaris A2 missile

missile, Polaris A3
USE Polaris A3 missile

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missile, quail
USE quail missile

missile ranges

missile, Redeye
USE Redeye missile

missile, Regulus
USE Regulus missile

missile, Sandpiper target
USE Sandpiper target missile

missile, Shrike
USE Shrike missile

missile signatures

missile silos

missile simulators

missile, Skybolt
USE Skybolt missile

missile, SM-65
USE Atlas launch vehicles

missile, SM-68
USE titan 1 ICBM

missile, SM-68B
USE Titan 2 ICBM

missile, Sparrow 2
USE Sparrow 2 missile

missile, Sparrow 3
USE Sparrow 3 missile

missile, Spartan
USE Spartan missile

missile, Sprint
USE Sprint missile

missile, SS-11
USE SS-11 missile

missile stabilization
USE stabilization
missile control

missile storage

(missile storage), silos
USE missile silos

missile structures

missile submarines, ballistic
USE ballistic missile submarines

missile submarines, guided
USE guided missile submarines

missile, Subroc
USE Subroc missile

missile, supersonic low altitude
USE supersonic low altitude missile

missile systems

missile, Talos
USE Talos missile

missile, tartar
USE tartar missile

missile, terrier
USE terrier missile

missile tests

missile tracking

missile trajectories

missile, V-1
USE V-1 missile

missile, V-2
USE V-2 missile

missile vibration

missile, Zeus
USE Nike-Zeus missile

missiles

missiles, air slew
USE air slew missiles

missiles, air to air
USE air to air missiles

missiles, air to surface
USE air to surface missiles

missiles, antiaircraft
USE antiaircraft missiles

missiles, antimissile
USE antimissile missiles

missiles, antiradiation
USE antiradiation missiles

missiles, antiship
USE antiship missiles

missiles, antitank
USE antitank missiles

missiles, ballistic
USE ballistic missiles

missiles, BOMARC
USE BOMARC missiles

missiles, Bullpup
USE Bullpup missiles

missiles, cruise
USE cruise missiles

missiles, electromagnetic
USE electromagnetic missiles

(missiles), FBM
USE fleet ballistic missiles

missiles, field army ballistic
USE field army ballistic missiles

missiles, fleet ballistic
USE fleet ballistic missiles

missiles, ground-to-air
USE surface to air missiles

(missiles), ICBM
USE intercontinental ballistic missiles

missiles, intercontinental ballistic
USE intercontinental ballistic missiles

missiles, intermediate range ballistic
USE intermediate range ballistic missiles

(missiles), IRBM
USE intermediate range ballistic missiles

missiles, Mace
USE Mace missiles

missiles, Maverick
USE Maverick missiles

missiles, Minuteman
USE Minuteman ICBM

missiles, Nike
USE Nike missiles

missiles, polaris
USE polaris missiles

missiles, Poseidon
USE Poseidon missiles

missiles, radar homing
USE radar homing missiles

missiles, ramjet
USE ramjet missiles

missiles, self initiated antiaircraft
USE SIAM missiles

missiles, sergeant
USE sergeant missiles

missiles, Shillelagh
USE Shillelagh missiles

missiles, short range ballistic
USE short range ballistic missiles

missiles, SIAM
USE SIAM missiles

missiles, Sidewinder
USE Sidewinder missiles

missiles, Sparrow
USE Sparrow missiles

missiles, surface to air
USE surface to air missiles

missiles, surface to surface
USE surface to surface missiles

missiles, Tomahawk
USE Tomahawk missiles

missiles, tow
USE tow missiles

missiles, underwater to surface
USE underwater to surface missiles

missing mass (astrophysics)

mission, AAP 1
USE AAP 1 mission

mission, AAP 2
USE AAP 2 mission

mission, AAP 3
USE AAP 3 mission

mission, AAP 4
USE AAP 4 mission

mission adaptive wings

mission, Cassini
USE Cassini mission

Mission, Cluster
USE Cluster Mission

Mission, Comet Rendezvous Asteroid Flyby
USE Comet Rendezvous Asteroid Flyby Mission

mission control center, integrated
USE integrated mission control center

mission, CRAF
USE Comet Rendezvous Asteroid Flyby Mission

Mission (ESA), Magellan
USE Magellan ultraviolet astronomy satellite

mission, Galileo
USE Galileo project

Mission, Geopotential Research
USE Geopotential Research Mission

mission, Giotto
USE Giotto mission

Mission, Heat Capacity Mapping
USE Heat Capacity Mapping Mission

Mission, International Solar Polar
USE Ulysses mission

mission, MA-2
USE Mercury MA-2 flight

Mission, Mars Rover Sample Return
USE Mars sample return missions

mission planning

mission, ROSAT
USE ROSAT mission

Mission Simulator, Shuttle
USE Shuttle Mission Simulator

Mission, SOHO
USE SOHO Mission

mission, solar maximum
USE solar maximum mission

mission, Starprobe
USE Starprobe mission

mission, Ulysses
USE Ulysses mission

mission, Voyager 1977
USE Voyager 1977 mission

mission 31-A, Space Shuttle
USE Space Shuttle mission 31-A

mission 31-B, Space Shuttle
USE Space Shuttle mission 31-B

mission 31-C, Space Shuttle
USE Space Shuttle mission 31-C

mission 31-D, Space Shuttle
USE Space Shuttle mission 31-D

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USE Space Shuttle mission 41-A

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USE Space Shuttle mission 41-B

mission 41-C, Space Shuttle
USE Space Shuttle mission 41-C

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USE Space Shuttle mission 41-D

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USE Space Shuttle mission 41-G

mission 51-A, Space Shuttle
USE Space Shuttle mission 51-A

mission 51-B, Space Shuttle
USE Space Shuttle mission 51-B

mission 51-C, Space Shuttle
USE Space Shuttle mission 51-C

mission 51-D, Space Shuttle
USE Space Shuttle mission 51-D

mission 51-E, Space Shuttle
USE Space Shuttle mission 51-E

mission 51-F, Space Shuttle
USE Space Shuttle mission 51-F

mission 51-G, Space Shuttle
USE Space Shuttle mission 51-G

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USE Space Shuttle mission 51-H

mission 51-I, Space Shuttle
USE Space Shuttle mission 51-I

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USE Space Shuttle mission 51-J

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USE Space Shuttle mission 51-L

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USE Space Shuttle mission 61-A

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USE Space Shuttle mission 61-B

mission 61-C, Space Shuttle

USE Space Shuttle mission 61-C

mission 61-E, Space Shuttle

USE Space Shuttle mission 61-E

mission-A, solar maximum

USE solar maximum mission-A

missions

missions, aborted

USE aborted missions

missions, asteroid

USE asteroid missions

missions, flyby

USE flyby missions

missions, Landsat follow-on

USE Landsat follow-on missions

missions, manned Mars

USE manned Mars missions

missions, Mars sample return

USE Mars sample return missions

missions, outer planet

USE Grand Tours

missions, space

USE space missions

missions, Space Shuttle

USE Space Shuttle missions

missions (STS), Astro

USE Astro missions (STS)

Mississippi

Mississippi Delta (LA)

Mississippi River (US)

Missouri

Missouri River Basin (US)

Missouri River (US)

mist

mistuning (turbomachinery)

mitochondria

mitosis

mitra

MIUS

USE Modular Integrated Utility System

mixed crystals

mixed flow

USE multiphase flow

mixed oxides

mixed traffic vehicles, automated

USE automated mixed traffic vehicles

mixers

mixing

mixing circuits

mixing depth

USE mixing height

mixing flow, jet

USE jet mixing flow

mixing, four-wave

USE four-wave mixing

mixing height

mixing, laminar

USE laminar mixing

mixing layers (fluids)

mixing length flow theory

(mixing), milling

USE compounding

mixing, pre

USE premixing

mixing ratios

mixing, signal

USE signal mixing

(mixing), suspending

USE suspending (mixing)

mixing, turbulent

USE turbulent mixing

mixtures

mixtures, ad

USE admixtures

mixtures, binary

USE binary mixtures

mixtures, detonable gas

USE detonable gas mixtures

mixtures, gas

USE gas mixtures

mixtures, liquid-gas

USE liquid-gas mixtures

MJ252H engine, J93-

USE J-93 engine

MJ280G engine, J93-

USE J-93 engine

MK 35 aircraft, Vampire

USE Vampire MK 35 aircraft

MK-1 aircraft, Argosy

USE Argosy MK-1 aircraft

MK-1 aircraft, Short Belfast C

USE SC-5 aircraft

MK-1 aircraft, Victor

USE Victor MK-1 aircraft

MK-10 helicopter, Westland

USE Westland Whirlwind helicopter

MK-10 helicopter, Whirlwind

USE Westland Whirlwind helicopter

ML-1 nuclear power plant

MLA

USE multispectral linear arrays

MMS

USE multimission modular spacecraft

MN

USE Minnesota

Mn

USE manganese

mnemonics

MNOS

USE metal-nitride-oxide-silicon

NASA THESAURUS VOLUME 2

Mo

USE molybdenum

MO

USE Missouri

(MO), St Louis-Kansas City Corridor

USE St Louis-Kansas City Corridor (MO)

mobile communication systems

mobile laboratories, lunar

USE lunar mobile laboratories

mobile lounges

mobile missile launchers

mobile quarantine facility

mobile satellite service, land

USE land mobile satellite service

mobilities, atomic

USE atomic mobilities

mobility

mobility, carrier

USE carrier mobility

mobility, electron

USE electron mobility

mobility, hole

USE hole mobility

mobility, ionic

USE ionic mobility

mobility semiconductors, negative diff

USE NDM semiconductor devices

mobility transistors, high electron

USE high electron mobility transistors

Mobility Units, Extravehicular

USE Extravehicular Mobility Units

MOCVD (vapor deposition)

USE metalorganic chemical vapor deposition

modal response

Modcomp II computer

Modcomp IV computer

mode

mode coupling

USE coupled modes

mode locking, laser

USE laser mode locking

mode of vibration

USE vibration mode

mode propulsion, dual

USE hybrid propulsion

mode shapes

USE modal response

mode (statistics)

mode theory, field

USE field mode theory

mode transformers

mode, vibration

USE vibration mode

model, BGK

USE BGK model

model, Bhatnagar-Grass-Krook

USE BGK model

model, density wave
USE density wave model

model, Ising
USE Ising model

model, k-epsilon turbulence
USE k-epsilon turbulence model

model, kappa-epsilon turbulence
USE k-epsilon turbulence model

model, Lighthill gas
USE Lighthill gas model

model, quark parton
USE quark parton model

model reference adaptive control

model, Thomas-Fermi
USE Thomas-Fermi model

model, vector dominance
USE vector dominance model

model, Veneziano
USE Veneziano model

model 18 aircraft, Lockheed
USE Lockheed model 18 aircraft

modeling, continuum
USE continuum modeling

models

models, aircraft
USE aircraft models

models, astronomical
USE astronomical models

models, atmospheric
USE atmospheric models

models (atmospheric), general circulation
USE Atmospheric General Circulation Models

Models, Atmospheric General Circulation
USE Atmospheric General Circulation Models

models, biological
USE bionics

models, breadboard
USE breadboard models

models, dynamic
USE dynamic models

models, environment
USE environment models

models, hydrology
USE hydrology models

models, mathematical
USE mathematical models

models (mathematics), biological
USE biological models (mathematics)

models, nuclear
USE nuclear models

models, ocean
USE ocean models

models, powered
USE powered models

models, quark
USE quark models

models, scale
USE scale models

models, semispan
USE semispan models

models, spacecraft
USE spacecraft models

models, static
USE static models

models, stellar
USE stellar models

models, three dimensional
USE three dimensional models

models, turbulence
USE turbulence models

models, two dimensional
USE two dimensional models

models, two fluid
USE two fluid models

models, wind tunnel
USE wind tunnel models

modems

moderated reactors, organic
USE organic moderated reactors

moderated reactors, water
USE water moderated reactors

moderation (energy absorption)

moderators

modes

modes, axial
USE axial modes

modes, ballooning
USE ballooning modes

modes, coupled
USE coupled modes

modes, failure
USE failure modes

modes, laser
USE laser modes

modes (plasmas), tearing
USE tearing modes (plasmas)

modes, propagation
USE propagation modes

modes, pushbroom sensor
USE pushbroom sensor modes

modes (standing waves)

modes, uncoupled
USE uncoupled modes

modes, whispering gallery
USE whispering gallery modes

MODFETS

modification
USE revisions

modification, weather
USE weather modification

Modular Integrated Utility System

modular ratios

modular spacecraft, multimission
USE multimission modular spacecraft

modularity

modulated continuous radiation

modulating retrodirective optics
USE Miros system

modulation

(modulation), AM
USE amplitude modulation

modulation, amplitude
USE amplitude modulation

modulation, carrier
USE modulation

modulation, de
USE demodulation

modulation, delta
USE delta modulation

modulation, differential pulse code
USE differential pulse code modulation

modulation doped fets
USE MODFETS

modulation doping

(modulation), DPCM
USE differential pulse code modulation

(modulation), FBFM
USE feedback frequency modulation

modulation, feedback frequency
USE feedback frequency modulation

(modulation), FM
USE frequency modulation

(modulation), FM/PM
USE FM/PM (modulation)

modulation, frequency
USE frequency modulation

modulation, inter
USE intermodulation

modulation, ionospheric cross
USE ionospheric cross modulation

modulation, light
USE light modulation

modulation, optical
USE light modulation

modulation, optical maser
USE light modulation

(modulation), PAM
USE pulse amplitude modulation

(modulation), PCM
USE pulse code modulation

(modulation), PDM
USE pulse duration modulation

(modulation), PFM
USE pulse frequency modulation

modulation, phase
USE phase modulation

modulation photomultipliers, frequency
USE frequency modulation photomultipliers

(modulation), PPM
USE pulse position modulation

(modulation), PTM
USE pulse time modulation

modulation, pulse
USE pulse modulation

modulation, pulse amplitude
USE pulse amplitude modulation

modulation, pulse code
USE pulse code modulation

modulation, pulse duration

modulation, pulse duration

USE pulse duration modulation

modulation, pulse frequency

USE pulse frequency modulation

modulation, pulse position

USE pulse position modulation

modulation, pulse time

USE pulse time modulation

modulation, pulse width

USE pulse duration modulation

(modulation), PWM

USE pulse duration modulation

(MODULATION), QAM

USE quadrature amplitude modulation

(modulation), QAM

USE quadrature amplitude modulation

modulation, quadrature amplitude

USE quadrature amplitude modulation

modulation, re

USE remodulation

modulation, single sideband

USE single sideband transmission

modulation telemetry, pulse frequency

USE pulse frequency modulation telemetry

modulation transfer function

modulation, traveling wave

USE traveling wave modulation

(modulation), ULM (light

USE ultrasonic light modulation

modulation, ultrasonic light

USE ultrasonic light modulation

modulation, velocity

USE velocity modulation

modulator radiometers, pressure

USE pressure modulator radiometers

modulators

modulators, de

USE demodulators

modulators-demodulators

USE modems

module, Apollo lunar experiment

USE Apollo lunar experiment module

module ascent stage, lunar

USE lunar module ascent stage

module), LEM (lunar

USE lunar module

module, local scientific survey

USE local scientific survey module

module, lunar

USE lunar module

Module, Mars Excursion

USE Mars Excursion Module

(module), MEM (excursion

USE Mars Excursion Module

module, payload assist

USE payload assist module

module 5, lunar

USE lunar module 5

module 7, lunar

USE lunar module 7

modules

modules, airlock

USE airlock modules

modules, chemical release

USE chemical release modules

modules, command

USE command modules

modules, command service

USE command service modules

modules, electronic

USE electronic modules

modules, landing

USE landing modules

modules, lunar landing

USE lunar landing modules

Modules, Lunar Surface Scientific

USE LSSM

modules, micro

USE micromodules

modules, scientific instrument

USE SIM

modules, service

USE service modules

modules, spacecraft

USE spacecraft modules

modules, spacecraft docking

USE spacecraft docking modules

modules (STS), power

USE power modules (STS)

modulus, bulk

USE bulk modulus

modulus, elastic

USE modulus of elasticity

modulus of elasticity

modulus of elasticity, dynamic

USE dynamic modulus of elasticity

modulus, Young

USE modulus of elasticity

Mohawk aircraft

USE OV-1 aircraft

Mohr circles

USE fracture mechanics

Mohr method, Maxwell-

USE Maxwell-Mohr method

Moire effects

Moire fringes

Moire interferometry

moisture

moisture, atmospheric

USE atmospheric moisture

moisture content

moisture detectors

USE moisture meters

moisture meters

moisture resistance

moisture, soil

USE soil moisture

Mojave Desert (CA)

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MOL (orbital laboratories)

USE manned orbital laboratories

MOLABS

USE lunar mobile laboratories

mold

Moldavia

moldavite

molding compounds, sheet

USE sheet molding compounds

molding, injection

USE injection molding

molding materials

molding, resin transfer

USE resin transfer molding

molds

molecular absorption

molecular beam epitaxy

molecular beams

molecular biology

molecular bonds

USE chemical bonds

molecular chains

molecular clouds

molecular collisions

molecular diffusion

molecular dissociation

USE dissociation

molecular electronics

molecular energy levels

molecular excitation

molecular flow

molecular flow, free

USE free molecular flow

molecular gases

molecular interactions

molecular ions

molecular orbitals

molecular oscillations

molecular oscillators

molecular physics

molecular pumps

molecular relaxation

molecular rotation

molecular shields

molecular sieves

USE absorbents

molecular spectra

molecular spectroscopy

molecular structure

molecular theory

molecular trajectories

(molecular), vibrational frequencies
USE vibrational spectra

molecular weight

molecular weights, low
USE low molecular weights

molecules

molecules, diatomic
USE diatomic molecules

molecules, monatomic
USE monatomic molecules

molecules, polyatomic
USE polyatomic molecules

molecules, triatomic
USE triatomic molecules

moles

Mollere formula
USE cosmic ray showers
secondary cosmic rays
spatial distribution

Mollier diagram

mollusks

Molniya satellites

Molten Plutonium Reactor, Los Alamos
USE Los Alamos Molten Plutonium Reactor

molten salt electrolytes

molten salt nuclear reactors

molten salts

molting

molybdates

molybdates, lead
USE lead molybdates

molybdenum

molybdenum alloys

molybdenum carbides

molybdenum compounds

molybdenum disulfides

molybdenum isotopes

molybdenum oxides

molybdenum sulfides

MOM (semiconductors)

moment distribution

moment gyroscopes, control
USE control moment gyroscopes

moments

moments, aerodynamic
USE stability derivatives

moments, bending
USE bending moments

moments, dipole
USE dipole moments

moments, distribution
USE distribution moments

moments, electric
USE electric moments

moments, hinge
USE torque

moments, inertia
USE moments of inertia

moments, loading
USE loading moments

moments, magnetic
USE magnetic moments

moments, method of
USE method of moments

moments of inertia

moments, pitching
USE pitching moments

moments, rolling
USE rolling moments

moments, statistical
USE distribution moments

moments, yawing
USE yawing moments

momentum

momentum, angular
USE angular momentum

momentum energy
USE kinetic energy

momentum theory

momentum transfer

Monaco

monatomic gases

monatomic molecules

monaural signals

monazite sands

Monel (trademark)

Monge-Ampere equation

Mongolia

monitor, automatic light aircraft readiness
USE ALARM project

monitoring, environmental
USE environmental monitoring

monitoring, in-flight
USE in-flight monitoring

monitoring instruments, engine
USE engine monitoring instruments

Monitoring Platform, Interplanetary
USE IMP

monitoring, pollution
USE pollution monitoring

monitors

monkeys

monochromatic radiation

monochromatization

monochromatization, interference
USE monochromatization
diffraction

monochromators

monocoque structures

monocrystals
USE single crystals

monocular vision

monoethanolamine (MEA)

monoids

monolithic circuits
USE integrated circuits

monomers

monomolecular films

monophosphate, cyclic adenosine
USE cyclic AMP

monoplanes

monopole antennas

monopoles

monopoles, magnetic
USE magnetic monopoles

monopropellants

monopulse antennas

monopulse radar

monosaccharides

monoscopes

monostable multivibrators

monotectic alloys

monotone functions

monotony

monoxide, carbon
USE carbon monoxide

monoxide lasers, carbon
USE carbon monoxide lasers

monoxide poisoning, carbon
USE carbon monoxide poisoning

monsoons

Montana

Monte Carlo method

Monterey Bay (CA)

month

monticellite

montmorillonite

moods

moon

moon illusion

Moon system, Earth-
USE Earth-Moon system

Moon trajectories, Earth-
USE Earth-Moon trajectories

moon-Earth trajectories

moonlets

moonquakes

moons

moons
USE natural satellites

MOONS project, NEW
USE NEW MOONS project

mooring

moorings
USE mooring

MOPS (propulsion systems)
USE man operated propulsion systems

moraines
USE glacial drift

moraines, end
USE glacial drift

morale

Morehouse comet

MORL
USE manned orbital laboratories

morning

Morocco

morphine

morphism, iso
USE isomorphism

morphisms, homo
USE homomorphisms

morphological indexes

morphology

morphology, geo
USE geomorphology

morphology, lung
USE lung morphology

morphotropism
USE isomorphism

Morse code

Morse potential

mortality

mortars (material)

MOS (Japanese spacecraft)
USE Japanese spacecraft

MOS (semiconductors)
USE metal oxide semiconductors

mosaics

Moscow

MOSFET
USE field effect transistors

MOSFET, cascode
USE field effect transistors

MOSS (space stations)
USE space stations

Mossbauer effect

mosses
USE Bryophytes

MOT (orbital telescopes)
USE manned orbital telescopes

moths

motility
USE locomotion

motion

motion aftereffects

motion, angular
USE angular velocity

motion), brakes (for arresting
USE brakes (for arresting motion)

motion, Chandler
USE polar wandering (geology)

motion compensation, image
USE image motion compensation

motion, Earth
USE Earth motion

motion equations
USE equations of motion

motion equations, forced vibratory
USE equations
forced vibration

motion, equations of
USE equations of motion

motion, Euler equations of
USE Euler equations of motion

(motion), guidance
USE guidance (motion)

motion, harmonic
USE harmonic motion

motion, ion
USE ion motion

motion, Lagrange equations of
USE Euler-Lagrange equation

motion, librational
USE librational motion

motion, orbital
USE orbits

motion, particle
USE particle motion

motion perception

motion pictures

motion, planetary
USE solar orbits

(motion), revolution
USE revolving

motion, robot
USE robot dynamics

motion sickness

motion sickness drugs

motion, simple harmonic
USE simple harmonic motion

motion simulation

motion simulators

motion simulators, vertical
USE vertical motion simulators

motion, spacecraft
USE spacecraft motion

motion stability

motion, three dimensional
USE three dimensional motion

motion, translational
USE translational motion

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motion, tumbling
USE tumbling motion

motion, vertical
USE vertical motion

motion, wave
USE waves

motions, stellar
USE stellar motions

motivation

motor cases, rocket
USE rocket engine cases

Motor (STS), Advanced Solid Rocket
USE Advanced Solid Rocket Motor (STS)

motor systems (biology)
USE efferent nervous systems

motor vehicles

motor vehicles, electric
USE electric motor vehicles

motors

motors, apogee boost
USE apogee boost motors

motors, asynchronous
USE asynchronous motors

motors, electric
USE electric motors

motors, induction
USE induction motors

motors, micro
USE micromotors

motors, servo
USE servomotors

motors, Space Shuttle solid rocket
USE Space Shuttle boosters

motors, stepping
USE stepping motors

motors, synchronous
USE synchronous motors

motors, torque
USE torque motors

MOTS (tracking system)
USE minitrack system

mount, Apollo telescope
USE Apollo telescope mount

mountain inhabitants

mountains

Mountains (AK), Wrangell
USE Wrangell Mountains (AK)

Mountains (CA), Sierra Nevada
USE Sierra Nevada Mountains (CA)

Mountains (CO), San Juan
USE San Juan Mountains (CO)

Mountains (Europe), Alps
USE Alps Mountains (Europe)

Mountains (Europe), Carpathian
USE Carpathian Mountains (Europe)

Mountains (Europe), Pyrenees
USE Pyrenees Mountains (Europe)

Mountains (MT-WY), Bighorn
USE Bighorn Mountains (MT-WY)

Mountains (NC-TN), Great Smoky
USE Great Smoky Mountains (NC-TN)

Mountains (North America), Appalachian
USE Appalachian Mountains (North America)

Mountains (North America), Rocky
USE Rocky Mountains (North America)

Mountains (NY), Adirondack
USE Adirondack Mountains (NY)

Mountains (South America), Andes
USE Andes Mountains (South America)

Mountains (U.S.S.R.), Caucasus
USE Caucasus Mountains (U.S.S.R.)

mounted displays, helmet
USE helmet mounted displays

mounting

mounting, fuselage
USE aircraft production

mounting, pylon
USE pylon mounting

mounting, rigid
USE rigid mounting

mountings, tail
USE tail assemblies

mounts
USE supports

mouth

movement
USE motion

movement, head
USE head movement

movement state, rapid eye
USE rapid eye movement state

movement, tectonic
USE tectonics

movements, airfield surface
USE airfield surface movements

movements, Brownian
USE Brownian movements

movements, Earth
USE Earth movements

movements, eye
USE eye movements

movements, Saccadic eye
USE Saccadic eye movements

moving target indicators

Mozambique

MPP (computers)
USE massively parallel processors

MR-1 flight, Mercury
USE Mercury MR-1 flight

MR-2 flight, Mercury
USE Mercury MR-2 flight

MR-3 flight
USE Mercury MR-3 flight

MR-3 flight, Mercury
USE Mercury MR-3 flight

MR-4 flight, Mercury
USE Mercury MR-4 flight

MRAC (systems)
USE model reference adaptive control

MRCA aircraft

Mrkos comet

MS
USE Mississippi

MS DOS (operating system)
USE disk operating system (DOS)

MSAT

MSBLS
USE microwave scanning beam landing system

MSM (semiconductors)

MSRE reactors
USE molten salt nuclear reactors

MT
USE Montana

(MT-WY), Bighorn Mountains
USE Bighorn Mountains (MT-WY)

MT-WY), Yellowstone National Park (ID-
USE Yellowstone National Park (ID-MT-WY)

MTBF

MTF
USE modulation transfer function

MTFF (space station)
USE man tended free flyers

MTI radar
USE moving target indicators

MUBIS (scanners)
USE multiple beam interval scanners

mucocoles

mucus

mud

Mueller tubes, Geiger-
USE Geiger counters

mufflers

mulberry (alloy)

mullites

multi-anode microchannel arrays

multi-role combat aircraft
USE MRCA aircraft

multibeam antennas

multichannel communication

multichannel plates
USE microchannel plates

multiengine vehicles

multigrid methods

multilayer insulation

multilayer structures
USE laminates

multiloop systems
USE cascade control

multimedia

multimedia, interactive
USE multimedia

multimission modular spacecraft

multimode resonators

multipactor discharges

multipath transmission

multiphase flow

multiphoton absorption

multiple access

multiple access, code division
USE code division multiple access

multiple access, demand assignment
USE demand assignment multiple access

multiple access, frequency division
USE frequency division multiple access

multiple access, time division
USE time division multiple access

multiple beam interval scanners

multiple data stream, multiple instruction
USE MIMD (computers)

multiple datastream, single instruction
USE SIMD (computers)

multiple docking adapters

multiple frequency radar
USE multispectral radar

multiple input multiple output
USE MIMO (control systems)

multiple instruction multiple data stream
USE MIMD (computers)

multiple output, multiple input
USE MIMO (control systems)

multiple output programs

multiple target tracking

multiple target trajectory systems
USE MATTS (systems)

multiplate
USE fine structure

multiplex transmission
USE multiplexing

multiplexers
USE multiplexing

multiplexing

multiplexing, code division
USE code division multiplexing

multiplexing, frequency division
USE frequency division multiplexing

multiplexing theory, orthogonal
USE orthogonal multiplexing theory

multiplexing, time division
USE time division multiplexing

multiplexing, wavelength division
USE wavelength division multiplexing

multiplication

multiplication, fringe
USE fringe multiplication

multiplier phototubes
USE photomultiplier tubes

multipliers

multipliers, channel
USE channel multipliers

multipliers, electron

multipliers, electron
USE photomultiplier tubes

multipliers, frequency
USE frequency multipliers

multipliers, Lagrange
USE Lagrange multipliers

multipolar fields

multipoles

Multiprobe spacecraft, Pioneer Venus 2
USE Pioneer Venus 2 spacecraft

multiprocessing (computers)

multiprocessors, hypercube
USE hypercube multiprocessors

multiprogramming

multipropellants
USE rocket propellants

Multipurpose System, Light Airborne
USE Light Airborne Multipurpose System

multiradar tracking
USE radar networks

multisensor applications

multispectral band cameras

multispectral band scanners

multispectral linear arrays

multispectral photography

multispectral radar

multispectral resource sampler

multispectral tracking telescopes

multistage compressors
USE turbocompressors

multistage rocket vehicles

multistatic radar

multitasking (computers)
USE multiprogramming

multitemporal analysis
USE temporal resolution

multivariable control

multivariate statistical analysis

multivibrators

multivibrators, monostable
USE monostable multivibrators

muon spin rotation

muonium

muons

Murchison meteorite

Murray meteorite

muscle relaxants

muscles

muscovite

muscular fatigue

muscular function

muscular strength

muscular tonus

musculoskeletal system

museums

mushy zones

music

muskegs

Mustang aircraft
USE P-51 aircraft

mutagens

mutation, trans
USE transmutation

mutations

mutations, per
USE permutations

MX missile

myelin

Mylar (trademark)

myocardial infarction

myocardium

myoelectric potentials

myoelectricity

myoglobin

myography, electro
USE electromyography

myopia

Mystere 20 aircraft

Mystere 20 aircraft, Dassault
USE Mystere 20 aircraft

Mystere 50 aircraft

Mystere 50 aircraft, Dassault
USE Mystere 50 aircraft

N

N
USE nitrogen

N diagrams, S-
USE S-N diagrams

n diodes, p-i-
USE diodes
p-i-n junctions

N electrons

n junctions, n-
USE n-n junctions

n junctions, n-p-
USE n-p-n junctions

n junctions, p-
USE p-n junctions

n junctions, p-i-
USE p-i-n junctions

n junctions, p-n-p-
USE p-n-p-n junctions

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N series satellites, Tiros
USE Tiros N series satellites

N-body problem
USE many body problem

n-n junctions

n-p junctions
USE p-n junctions

n-p junctions, p-
USE p-n-p junctions

n-p-n junctions

n-p-n junctions, p-
USE p-n-p-n junctions

n-type semiconductors

N-156 aircraft
USE F-5 aircraft

Na
USE sodium

NA-300 aircraft
USE OV-10 aircraft

nacelle configurations, wing
USE wing nacelle configurations

nacelles

naked singularities

nakhilites

NAMC aircraft
USE Nihon aircraft

Namibia

naming

nap-of-the-earth navigation

naphthalene

naphthenes

nappes
USE folds (geology)

narcolepsy

narcosis

narcosis, electro
USE electronarcosis

narcotics

narrowband

NASA Communication Network
USE NASCOM network

NASA End-to-End Data System
USE needs (data system)

NASA Interactive Planning System

(NASA), Magellan project
USE Magellan project (NASA)

(NASA), Magellan spacecraft
USE Magellan spacecraft (NASA)

NASA programs

(NASA), space operations center
USE space operations center (NASA)

NASA space programs

NASA Structural Analysis program
USE NASTRAN

NASARR
USE North American Search and Ranging Radar

NASCOM network

NASTRAN

National Aerospace Plane Program

National Airspace System

National Airspace Utilization System

National Aviation System

National Launch Vehicle Program

National Oceanic Satellite System

National Operational Environmental Sat Sys
USE NOESS

National Park (ID-MT-WY), Yellowstone
USE Yellowstone National Park (ID-MT-WY)

national parks

national product, gross
USE gross national product

National Severe Storms Project

nations

nations, developing
USE developing nations

Nations, United
USE United Nations

(NATO), North Atlantic Treaty Organization
USE North Atlantic Treaty Organization (NATO)

NATO 3B satellite

natural frequencies
USE resonant frequencies

natural gas

natural gas exploration

natural gas, liquefied
USE liquefied natural gas

natural language (computers)

natural language processing

natural lasers
USE lasers

natural satellites

nausea

nautical charts

Navaho missile

Navier-Stokes equation

navigation

navigation aids

navigation, air
USE air navigation

navigation, all-weather air
USE all-weather air navigation

navigation, area
USE area navigation

navigation, astro
USE astronavigation

navigation, autonomous
USE autonomous navigation

navigation, celestial
USE celestial navigation

navigation, Decca
USE Decca navigation

navigation, digital
USE digital navigation

navigation, Doppler
USE Doppler navigation

navigation, gimballess inertial
USE gimballess inertial navigation

navigation, hyperbolic
USE hyperbolic navigation

navigation, inertial
USE inertial navigation

navigation instruments

navigation, interplanetary
USE interplanetary navigation

navigation, long range
USE loran

navigation, marine
USE surface navigation

navigation, nap-of-the-earth
USE nap-of-the-earth navigation

navigation, NOE
USE nap-of-the-earth navigation

navigation, omnirange
USE VHF omnirange navigation

navigation, polar
USE polar navigation

navigation, radar
USE radar navigation

navigation, radio
USE radio navigation

navigation satellites

navigation, short range
USE Shoran

navigation, space
USE space navigation

navigation, surface
USE surface navigation

Navigation System, Astroguide
USE Astroguide Navigation System

navigation system, LORAC
USE LORAC navigation system

Navigation System, Omega
USE Omega Navigation System

navigation system, terrain contour matching
USE TERCOM

navigation system, transit
USE transit navigation system

navigation systems, hybrid
USE hybrid navigation systems

navigation systems, satellite
USE satellite navigation systems

navigation, tactical air
USE Tacan

navigation technology satellites

navigation, VHF omnirange
USE VHF omnirange navigation

navigators

Navion aircraft

Navion G-1 aircraft
USE G-1 aircraft

Navion Rangemaster aircraft
USE G-1 aircraft

navstar satellites

navy

(navy), Global Communications Antenna Grid
USE Seafarer project

Navy instrumentation program, Army-
USE Army-Navy instrumentation program

(navy), underground radio antenna grid
USE Seafarer project

Nb
USE niobium

NC
USE North Carolina

(NC), Cape Hatteras
USE Cape Hatteras (NC)

(NC), Outer Banks
USE Outer Banks (NC)

NC-SC), Sand Hills Region (GA-
USE Sand Hills Region (GA-NC-SC)

(NC-TN), Great Smoky Mountains
USE Great Smoky Mountains (NC-TN)

NC-130 aircraft
USE C-130 aircraft

ND
USE North Dakota

Nd
USE neodymium

NDM semiconductor devices

Ne
USE neon

NE
USE Nebraska

(NE), Sand Hills Region
USE Sand Hills Region (NE)

near fields

near infrared radiation

near ultraviolet radiation

near wakes

nearshore water

Nebraska

nebula, Crab
USE Crab nebula

nebula, Gum
USE Gum nebula

nebula, Orion
USE Orion nebula

nebula, solar
USE solar corona

nebulae

nebulae, planetary
USE planetary nebulae

nebulae, reflection
USE reflection nebulae

neck (anatomy)

neck (anatomy)

needle bearings

needles

needs (data system)

neel temperature

negative conductance

negative diff mobility semiconductors
USE NDM semiconductor devices

negative electron affinity

negative feedback

negative ions

negative matter

negative matter propulsion

negative pressure, lower body
USE lower body negative pressure

negative resistance circuits

negative resistance devices

negatrons

negotiation, contract
USE contract negotiation

Neighborhood, Origin of Plasmas in Earth
USE OPEN Project

neighborhood, solar
USE solar neighborhood

Nembutal (trademark)

Nemesis (star)

neodymium

neodymium alloys

neodymium compounds

neodymium isotopes

neodymium lasers

neon

neon isotopes

neon lasers, helium-
USE helium-neon lasers

neon, liquid
USE liquid neon

neon 19
USE neon isotopes

neopentane

neoplasms

neoprenes
USE chloroprene resins

Nepal

nephanalysis

nepheline

nephelite

nephelometers

nephritis

Neptune atmosphere

Neptune (planet)

Neptune satellites

neptunium

neptunium compounds

neptunium isotopes

Nereid

Nernst generators
USE thermomagnetic cooling

Nernst heat theorem
USE Nernst-Ettingshausen effect

Nernst-Ettingshausen effect

NERVA (engine)
USE nuclear engine for rocket vehicles

nerves

nerves, oculomotor
USE oculomotor nerves

nervous system

nervous system, autonomic
USE autonomic nervous system

nervous system, central
USE central nervous system

nervous system depressants, central
USE central nervous system depressants

nervous system, peripheral
USE peripheral nervous system

nervous system stimulants, central
USE central nervous system stimulants

nervous system, sympathetic
USE sympathetic nervous system

nervous system, vasomotor
USE nervous system

nervous systems, afferent
USE afferent nervous systems

nervous systems, efferent
USE efferent nervous systems

Netherlands

Netherlands Satellite, Astronomical
USE Astronomical Netherlands Satellite

Netherlands space program

nets

nets, flow
USE flow nets

nets, neural
USE neural nets

nets, Petri
USE Petri nets

network analysis

network, ARPA computer
USE ARPA computer network

network control

Network, Deep Space
USE Deep Space Network

network, DSN (space)
USE Deep Space Network

network, global tracking
USE global tracking network

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network, GLOTRAC (tracking)
USE global tracking network

network, manned space flight
USE manned space flight network

Network, NASA Communication
USE NASCOM network

network, NASCOM
USE NASCOM network

network, Orion (radio interferometry)
USE Orion (radio interferometry network)

Network, Satellite Tracking and Data Acq
USE STDN (network)

network, space flight tracking and data
USE space flight tracking and data network

Network, Spacecraft Tracking and Data
USE STDN (network)

network, STADAN (satellite tracking)
USE STDN (network)

(network), STDN
USE STDN (network)

network synthesis

(network), VSAT
USE VSAT (network)

networks

networks, communication
USE communication networks

networks, computer
USE computer networks

networks, electric
USE electric networks

networks, iterative
USE iterative networks

networks, Kirchhoff law of
USE Kirchhoff law of networks

networks, LAN (computer)
USE local area networks

networks, local area
USE local area networks

networks, logic
USE logic circuits

networks, quadrupole
USE quadrupole networks

networks, radar
USE radar networks

networks, RC
USE RC circuits

networks, RLC
USE RLC circuits

networks, satellite
USE satellite networks

networks, tracking
USE tracking networks

networks, transportation
USE transportation networks

neumann problem

neural nets

neurasthenia

neuristors

neuritis

neuroblasts

neuroglia

neurology

neuromuscular transmission

neuron transmission
USE bioelectricity

neurons

neurophysiology

neuropsychiatry

neuroscience
USE neurology

neuroses

neurospora

neurotic depression

neurotransmitters

neurotropism

neutral atmospheres

neutral atoms

neutral beams

neutral buoyancy simulation

neutral currents

neutral gases

neutral particles

neutral sheets

neutralization, beam
USE beam neutralization

neutralizers

neutrino beams

neutrinos

neutrinos, anti
USE antineutrinos

neutrinos, solar
USE solar neutrinos

neutron absorbers

neutron activation analysis

neutron beams

neutron counters

neutron cross sections

neutron decay

neutron detectors
USE neutron counters

neutron diffraction

neutron distribution

neutron emission

neutron flux
USE flux (rate)

neutron flux density

neutron irradiation

neutron physics

neutron radiography

neutron scattering

neutron sources

neutron spectra

neutron spectrometers

neutron stars

neutron thermalization

neutron transmutation
USE nuclear reactions

neutrons

neutrons, cold
USE cold neutrons

neutrons, fast
USE fast neutrons

neutrons, photo
USE photoneutrons

neutrons, slow
USE thermal neutrons

neutrons, solar
USE solar neutrons

neutrons, thermal
USE thermal neutrons

Nevada

Nevada Mountains (CA), Sierra
USE Sierra Nevada Mountains (CA)

New Brunswick

New England (US)

New Guinea (island)

New Guinea, Papua
USE Papua New Guinea

New Hampshire

New Haven (CT)

New Jersey

New Mexico

NEW MOONS project

New York

New York City (NY)

New Zealand

New Zealand space program

Newfoundland

news

news media

newton

Newton methods

Newton pressure law

Newton second law

Newton Theory

Newton-Busemann law

Newton-Raphson method

Newtonian fluids

NH
USE New Hampshire

Ni
USE nickel

Nicaragua

Nicholson method, Crank-
USE Crank-Nicholson method

Nichrome (trademark)

nickel

nickel alloys

nickel batteries, cadmium
USE nickel cadmium batteries

nickel batteries, zinc
USE nickel zinc batteries

nickel cadmium batteries

nickel coatings

nickel compounds

nickel fluorides

nickel hydrogen batteries

nickel iron batteries

nickel isotopes

nickel oxides

nickel plate

nickel steels

nickel zinc batteries

nicotinamide

nicotine

nicotinic acid

nigella

Niger

Nigeria

night

night airglow
USE nightglow

night E layer
USE night sky
E region

night F layer
USE night sky
F region

night flights (aircraft)

night probe, Pioneer Venus 2
USE Pioneer Venus 2 night probe

night sky

night vision

nightglow

nigotrons

Nihon aircraft

Nihon YS-11 aircraft
USE YS-11 aircraft

Nike booster rocket engines

Nike missiles

Nike missiles

Nike project

Nike rocket vehicles

Nike rockets

Nike X systems

Nike-Ajax missile

Nike-Apache rocket vehicle

Nike-Cajun rocket vehicle

Nike-Hercules missile

Nike-Hydac rocket vehicle

Nike-Iroquois rocket vehicle

Nike-Javelin rocket vehicle

Nike-Tomahawk rocket vehicle

Nike-Zeus missile

nimbostratus clouds

nimbus clouds
USE nimbostratus clouds

Nimbus project

Nimbus satellites

Nimbus 1 satellite

Nimbus 2 satellite

Nimbus 3 satellite

Nimbus 4 satellite

Nimbus 5 satellite

Nimbus 6 satellite

Nimbus 7 satellite

niobonic alloys

NIMPHE (engine)
USE hydrazine engines

Nimrod accelerator

Nino, el
USE el Nino

niobates

niobates, lithium
USE lithium niobates

niobium

niobium alloys

niobium carbides

niobium compounds

niobium iodides

niobium isotopes

niobium oxides

niobium stannides

niobium 95

NIPS (system)
USE NASA Interactive Planning System

nitinol alloys

nitramine propellants

nitrasol explosives

nitrate, cellulose
USE cellulose nitrate

nitrate esters

nitrate, hydrazine
USE hydrazine nitrate

nitrate, isopropyl
USE isopropyl nitrate

nitrate, methyl
USE methyl nitrate

nitrate, propyl
USE propyl nitrate

nitrates

nitrates, ammonium
USE ammonium nitrates

nitrates, di
USE dinitrates

nitrates, inorganic
USE inorganic nitrates

nitrates, organic
USE organic nitrates

nitrates, potassium
USE potassium nitrates

nitrates, silver
USE silver nitrates

nitrates, sodium
USE sodium nitrates

nitration

nitric acid

nitric oxide

nitride-oxide-semiconductors, metal-
USE metal-nitride-oxide-semiconductors

nitride-oxide-silicon, metal-
USE metal-nitride-oxide-silicon

nitrides

nitrides, aluminum
USE aluminum nitrides

nitrides, beryllium
USE beryllium nitrides

nitrides, boron
USE boron nitrides

nitrides, gallium
USE gallium nitrides

nitrides, metal
USE metal nitrides

nitrides, oxy
USE oxynitrides

nitrides, silicon
USE silicon nitrides

nitrides, tantalum
USE tantalum nitrides

nitrides, titanium
USE titanium nitrides

nitrides, zirconium
USE zirconium nitrides

nitriding

nitrite, ethane
USE acetone nitrite

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nitrite, malono
USE malononitrite

nitrites

nitrites, acrylo
USE acrylonitriles

nitrites, phospho
USE phosphonitriles

nitrites

nitro compounds

nitroamines

nitrobacter

nitrobenzenes

nitrocellulose
USE cellulose nitrate

nitrofluoramines

nitroform, hydrazine
USE hydrazine nitroform

nitroformates

nitroforms

nitrogen

nitrogen atoms

nitrogen compounds

nitrogen dioxide

nitrogen fixation
USE nitrogenation

nitrogen fluorides

nitrogen hydrides

nitrogen ions

nitrogen isotopes

nitrogen lasers

nitrogen, liquid
USE liquid nitrogen

nitrogen metabolism

nitrogen oxides

nitrogen plasma

nitrogen polymers

nitrogen, solid
USE solid nitrogen

nitrogen tetroxide

nitrogen 15

nitrogen 16

nitrogenation

nitroglycerin

nitroguanidine

nitrolysis

nitromethane

nitronium compounds

nitronium perchlorate

nitropropane

nitrosamine

nitroso compounds

nitrosyl chlorides

nitrosyls

nitrous acid

nitrous oxides

nitroxylchlorides

nitryl chlorides

nitryl fluorides

NJ

USE New Jersey

NJ), Hudson River (NY-

USE Hudson River (NY-NJ)

NM

USE New Mexico

NMR

USE nuclear magnetic resonance

No

USE nobelium

NOAA E

USE NOAA 8 satellite

NOAA F satellite

USE NOAA 9 satellite

NOAA G satellite

USE NOAA 10 satellite

NOAA satellites

NOAA 2 satellite

NOAA 3 satellite

NOAA 4 satellite

NOAA 5 satellite

NOAA 6 satellite

NOAA 7 satellite

NOAA 8 satellite

NOAA 9 satellite

NOAA 10 satellite

nobelium

nobelium isotopes

noble gases

USE rare gases

noble metals

noctiluence

USE luminescence

noctilucent clouds

nocturnal variations

nodes, anti

USE antinodes

nodes (standing waves)

nodules

NOE navigation

USE nap-of-the-earth navigation

NOESS

noise

noise, aerodynamic

USE aerodynamic noise

noise, aircraft

USE aircraft noise

noise, atmospheric

USE atmospherics

noise attenuation

USE noise reduction

noise, background

USE background noise

noise, blade slap

USE blade slap noise

noise, boundary layer

USE boundary layers
aerodynamic noise

noise, channel

USE channel noise

noise, continuous

USE continuous noise

noise, cosmic

USE cosmic noise

noise, electromagnetic

USE electromagnetic noise

noise elimination

USE noise reduction

noise, engine

USE engine noise

noise, Gaussian

USE random noise

noise generators

noise hazards

USE noise (sound)
hazards

noise, helicopter impulsive

USE blade slap noise

noise injuries

noise intensity

noise interactions, surface

USE surface noise interactions

noise, ionospheric

USE ionospheric noise

noise, jet

USE jet aircraft noise

noise, jet aircraft

USE jet aircraft noise

noise levels, effective perceived

USE effective perceived noise levels

noise, low

USE low noise

noise measurement

noise measurement, electromagnetic

USE electromagnetic noise measurement

noise meters

noise pollution

noise prediction

noise prediction (aircraft)

noise prediction, aircraft

USE noise prediction (aircraft)

noise propagation

noise, propeller

USE propeller noise

noise, pseudo

USE pseudonoise

noise, radiation

USE electromagnetic noise

noise, radio frequency

USE electromagnetic noise

noise, random

USE random noise

noise ratios, carrier to

USE carrier to noise ratios

noise ratios, signal to

USE signal to noise ratios

noise reduction

noise, rocket engine

USE rocket engine noise

noise, shot

USE shot noise

noise, solar

USE solar radio emission

noise (sound)

noise spectra

noise, spectral

USE white noise

noise storms

noise suppressors

USE noise reduction

noise temperature

noise, thermal

USE thermal noise

noise threshold

noise tolerance

noise, white

USE white noise

Nomad launch vehicle

nomenclatures

nominal values

USE approximation

nomograms

USE nomographs

nomographs

(non biological), cellular materials

USE foams

(non-biological), body temperature

USE temperature

(non-biological), skin temperature

USE skin temperature (non-biological)

non-intrusive measurement

USE nonintrusive measurement

non-oscillatory schemes, essentially

USE essentially non-oscillatory schemes

nonadiabatic conditions

nonadiabatic processes

USE heat transfer

nonadiabatic theory

nonanes

nonanes
nonaqueous electrolytes
noncondensable gases
nonconductors
USE electrical insulation
nonconservative forces
nondestructive tests
nonelectrolytes
nonequilibrium conditions
nonequilibrium drag
USE friction drag
nonequilibrium flow
nonequilibrium ionization
nonequilibrium plasmas
nonequilibrium radiation
nonequilibrium thermodynamics
nonEuclidian geometry
USE differential geometry
nonferrous metals
nonflammable materials
nongray atmospheres
nongray gas
nonholonomic equations
nonhomogeneity
USE inhomogeneity
nonintrusive measurement
nonisentropy
nonisothermal processes
nonisotropic plates
USE anisotropic plates
nonisotropy
USE anisotropy
nonlifting vehicles
USE ballistic vehicles
nonlinear equations
nonlinear evolution equations
nonlinear feedback
nonlinear filters
nonlinear optics
nonlinear programming
nonlinear systems
nonlinearity
nonNewtonian flow
nonNewtonian fluids
nonohmic effect
nonoscillatory action
nonparametric statistics
nonpoint sources
nonpolar gases

nonreflection
USE energy absorption
nonrelativistic electrons
USE electrons
nonrelativistic mechanics
nonresonance
nonrigidity
USE flexibility
(nonrobotics), torque sensors
USE torquemeters
nonstabilized oscillation
nonsynchronization
nonthermal emission
USE nonthermal radiation
nonthermal radiation
nonuniform flow
nonuniform magnetic fields
nonuniform plasmas
nonuniformity
nonviscous flow
USE inviscid flow
noon
noradrenaline
Nord aircraft
Nord 262 aircraft
USE MH-262 aircraft
Nord 1500 aircraft
Nordstrom solution, Reissner-
USE Reissner-Nordstrom solution
norepinephrine
norleucine
normal density functions
normal distributions
USE normal density functions
normal force distribution
USE force distribution
normal shock waves
normalities, ab
USE abnormalities
normality
normalizing
normalizing (heat treatment)
normalizing (statistics)
norms
North America
(North America), Appalachian Mountains
USE Appalachian Mountains (North America)
(North America), Beaufort Sea
USE Beaufort Sea (North America)
(North America), Colorado River
USE Colorado River (North America)
(North America), Great Lakes
USE Great Lakes (North America)

NASA THESAURUS VOLUME 2

(North America), Great Plains Corridor
USE Great Plains Corridor (North America)
(North America), Rio Grande
USE Rio Grande (North America)
(North America), Rocky Mountains
USE Rocky Mountains (North America)
(North America), St Lawrence Valley
USE St Lawrence Valley (North America)
(North America), Williston Basin
USE Williston Basin (North America)
North American aircraft
North American Search and Ranging Radar
North Atlantic Treaty Organization (NATO)
North Carolina
North Dakota
North Korea
North Polar Spur (astronomy)
North Sea
North Vietnam
USE Vietnam
Northern Hemisphere
Northern Ireland
northern sky
Northrop aircraft
Northwest Territories
Northwest (US), Pacific
USE Pacific Northwest (US)
Norton County achondrite
Norway
(Norway), Spitsbergen
USE Spitsbergen (Norway)
Norwegian space program
nose
nose (anatomy)
nose caps
USE nose cones
nose cones
nose cones, ablative
USE ablative nose cones
nose cones, rocket
USE rocket nose cones
nose fins
nose inlets
nose tips
nose wheels
noses (forebodies)
nosetip technology, passive
USE PANT program
nosetips, ablated
USE PANT program
Nostoc

notation

USE coding

notations, Wiswesser

USE Wiswesser notations

notch sensitivity**notch strength****notch tests****notched metals**

USE notch tests

notches**nova****Nova computers****nova, Hercules**

USE Hercules nova

Nova Laser System**Nova launch vehicles****Nova satellites****Nova Scotia****novae****novae, dwarf**

USE dwarf novae

novae, super

USE supernovae

novocaln**nowcasting****noxious materials**

USE contaminants

nozzle coefficient

USE nozzle flow

nozzle design**nozzle efficiency****nozzle flow****nozzle geometry****nozzle inserts****nozzle thrust coefficients****nozzle walls****nozzleless rocket engines****nozzles****nozzles, acoustic**

USE acoustic nozzles

nozzles, annular

USE annular nozzles

nozzles, coaxial

USE coaxial nozzles

nozzles, conical

USE conical nozzles

nozzles, convergent

USE convergent nozzles

nozzles, convergent-divergent

USE convergent-divergent nozzles

nozzles, de Laval

USE convergent-divergent nozzles

nozzles, divergent

USE divergent nozzles

nozzles, dual thrust

USE dual thrust nozzles

nozzles, exhaust

USE exhaust nozzles

nozzles, hypersonic

USE hypersonic nozzles

nozzles, inlet

USE inlet nozzles

nozzles, jet

USE jet nozzles

nozzles, pipe

USE pipe nozzles

nozzles, plug

USE plug nozzles

nozzles, rocket

USE rocket nozzles

nozzles, shrouded

USE shrouded nozzles

nozzles, sonic

USE sonic nozzles

nozzles, spike

USE spike nozzles

nozzles, spray

USE spray nozzles

nozzles, supersonic

USE supersonic nozzles

nozzles, transonic

USE transonic nozzles

nozzles, turbine exhaust

USE turbine exhaust nozzles

nozzles, wind tunnel

USE wind tunnel nozzles

Np

USE neptunium

NRX reactors**NTS**

USE navigation technology satellites

nu factor**nuclear astrophysics****Nuclear Auxiliary Power, Systems for**

USE SNAP

nuclear auxiliary power units**nuclear binding energy****nuclear bulge (galaxies)**

USE galactic bulge

nuclear capture**nuclear chemistry****nuclear deformation****nuclear detection, high altitude**

USE high altitude nuclear detection

nuclear devices**nuclear electric power generation****nuclear electric propulsion****nuclear emulsions****nuclear energy****nuclear engine for rocket vehicles****nuclear explosion effect****nuclear explosions****nuclear fission****nuclear fuel burnup****nuclear fuel elements****nuclear fuel reprocessing****nuclear fuels****nuclear fuels, ceramic**

USE ceramic nuclear fuels

nuclear fusion**nuclear gyroscopes****nuclear heat****nuclear interactions****nuclear isobars****nuclear lightbulb engines****nuclear magnetic resonance****nuclear medicine****nuclear meteorology****nuclear models****nuclear particles****nuclear physics****(nuclear physics), nuclei**

USE nuclei (nuclear physics)

(nuclear physics), selection rules

USE selection rules (nuclear physics)

nuclear potential**Nuclear Power Facility, Hallam**

USE Hallam Nuclear Power Facility

Nuclear Power Facility), HNPf (Hallam

USE Hallam Nuclear Power Facility

nuclear power generation

USE nuclear electric power generation

nuclear power plant, ML-1

USE ML-1 nuclear power plant

nuclear power plants**nuclear power reactors****nuclear powered ships****nuclear propelled aircraft****nuclear propulsion****nuclear pumped lasers****nuclear pumping****nuclear quadrupole resonance****nuclear radiation****nuclear radiation, post-blast**

USE post-blast nuclear radiation

nuclear radiation spectroscopy**nuclear ramjet engines****nuclear reactions**

nuclear reactor control

nuclear reactor control

nuclear reactor, Pathfinder
USE Pathfinder nuclear reactor

nuclear reactor, Phoebus
USE Phoebus nuclear reactor

nuclear reactors

nuclear reactors, fast
USE fast nuclear reactors

(nuclear reactors), fuel elements
USE nuclear fuel elements

nuclear reactors, high temperature
USE high temperature nuclear reactors

nuclear reactors, molten salt
USE molten salt nuclear reactors

(nuclear reactors), SGR
USE sodium graphite reactors

(nuclear reactors), UHTREX
USE high temperature nuclear reactors

nuclear relaxation

nuclear research

nuclear research and test reactors

nuclear rocket engines

nuclear scattering

nuclear shielding
USE radiation shielding

nuclear ship, Savannah
USE Savannah nuclear ship

nuclear spin

nuclear structure

nuclear test reactors
USE nuclear research and test reactors

nuclear transformations

nuclear vulnerability

nuclear warfare

nuclear warheads

nuclear wastes
USE radioactive wastes

nuclear weapons

nuclease

nuclease boiling

nucleation

nuclei

nuclei, active galactic
USE active galactic nuclei

nuclei, Aitken
USE Aitken nuclei

nuclei, comet
USE comet nuclei

nuclei, condensation
USE condensation nuclei

nuclei (cytology)

nuclei, even-even
USE even-even nuclei

nuclei, galactic
USE galactic nuclei

nuclei, heavy
USE heavy nuclei

nuclei, hyper
USE hypernuclei

nuclei, ice
USE ice nuclei

nuclei (nuclear physics)

nuclei, odd-even
USE odd-even nuclei

nuclei, odd-odd
USE odd-odd nuclei

nucleic acid denaturation
USE biopolymer denaturation

nucleic acids

nucleogenesis

nucleon interactions, meson-
USE meson-nucleon interactions

nucleon interactions, nucleon-
USE nucleon-nucleon interactions

nucleon potential

nucleon scattering, nucleon-
USE nucleon-nucleon scattering

nucleon-nucleon interactions

nucleon-nucleon scattering

nucleonics

nucleons

nucleons, anti
USE antinucleons

nucleophiles

nucleosides

nucleosynthesis
USE nuclear fusion

nucleotides

nucleotides, poly
USE polynucleotides

nucleotides, pyridine
USE pyridine nucleotides

nuclides

nuclides, radioactive
USE radioactive isotopes

null hypothesis

null zones

number, Biot
USE Biot number

number, critical Mach
USE critical velocity
Mach number

number, critical Reynolds
USE Reynolds number

number, Damkohler
USE Damkohler number

number, Froude
USE Froude number

number, Grashof
USE Grashof number

number, Hartmann
USE Hartmann number

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number, high Reynolds
USE high Reynolds number

number, Knudsen
USE Knudsen flow

number, Laval
USE Laval number

number, low Reynolds
USE low Reynolds number

number, Mach
USE Mach number

number, Nusselt
USE Nusselt number

number, octane
USE octane number

number, Peclet
USE Peclet number

number, Prandtl
USE Prandtl number

number, Rayleigh
USE Rayleigh number

number, Reynolds
USE Reynolds number

number, Richardson
USE Richardson number

number, Schmidt
USE Schmidt number

number, Stanton
USE Stanton number

number, Strouhal
USE Strouhal number

number theory

(number/volume), density
USE density (number/volume)

numbers

numbers, complex
USE complex numbers

numbers, dimensionless
USE dimensionless numbers

numbers, Fibonacci
USE Fibonacci numbers

numbers, Lewis
USE Lewis numbers

numbers, quantum
USE quantum numbers

numbers, random
USE random numbers

numbers, real
USE real numbers

numbers, similarity
USE similarity numbers

numerical analysis

numerical control

numerical data bases

numerical differentiation

numerical flow visualization

numerical integration

numerical stability

numerical weather forecasting

nunataks

Nunn camera, Baker-

USE Baker-Nunn camera

nurses, flight

USE flight nurses

Nusselt number

nutation

nutation dampers

nutation, Eulerian

USE Chandler wobble

nutational oscillation

USE nutation

nutrients

nutrition

nutritional requirements

nuts (fasteners)

nuts (fruits)

NV

USE Nevada

(NV), Lake Tahoe (CA-

USE Lake Tahoe (CA-NV)

(NV), Pyramid Lake

USE Pyramid Lake (NV)

NY

USE New York

(NY), Adirondack Mountains

USE Adirondack Mountains (NY)

(NY), Long Island

USE Long Island (NY)

(NY), New York City

USE New York City (NY)

(NY-NJ), Hudson River

USE Hudson River (NY-NJ)

NY-PA), Susquehanna River Basin (MD-

USE Susquehanna River Basin (MD-NY-PA)

(NY-VT), Lake Champlain Basin

USE Lake Champlain Basin (NY-VT)

nylon resins

USE polyamide resins

Nylon (trademark)

Nyquist diagram

Nyquist frequencies

nystagmography, electro

USE electronystagmography

nystagmus

nystagmus, vestibular

USE vestibular nystagmus

N2 ground effect machine, SR-

USE Westland ground effect machines

N2 ground effect machine, Westland SR-

USE Westland ground effect machines

N2 hovercraft, Westland SR-

USE Westland ground effect machines

N3 ground effect machine, SR-

USE Westland ground effect machines

N3 ground effect machine, Westland SR-

USE Westland ground effect machines

N3 hovercraft, Westland SR-

USE Westland ground effect machines

N5 ground effect machine, SR-

USE Westland ground effect machines

N5 ground effect machine, Westland SR-

USE Westland ground effect machines

O

O

USE oxygen

O ring seals

O stars

O superconductors, Bi-Sr-Ca-Cu-

USE BSCCO superconductors

O superconductors, Y-Ba-Cu-

USE YBCO SUPERCONDUCTORS

Oak Ridge isochronous cyclotron

OAO

OAO 1

OAO 2

OAO 3

OAO-A

USE OAO 1

OAO-A2

USE OAO 2

OAO-C

USE OAO 3

oases

oats

Oberon

obesity

object camera, faint

USE faint object camera

object programs

object-oriented programming

objects, BL lacertae

USE BL lacertae objects

objects, faint

USE faint objects

objects, Herbig-Haro

USE Herbig-Haro objects

objects, unidentified flying

USE unidentified flying objects

oblate spheroids

oblateness, solar

USE solar oblateness

oblique coordinates

oblique shock waves

oblique wings

obliqueness

obscuration

USE occultation

observability (systems)

observable reentry vehicles, low

USE low observable reentry vehicles

observation

observation aircraft

observation, celestial

USE astronomy

observation, ice

USE ice reporting

observation, radar

USE radar tracking

observation, radio

USE radio observation

observation, satellite

USE satellite observation

Observation Satellites, Earth Resources

USE EROS (satellites)

observation stations, crew

USE crew observation stations

Observation System, Satellite and Missile

USE Samos

observation, visual

USE visual observation

observations (from Earth), space

USE space observations (from Earth)

observations (from space), Earth

USE Earth observations (from space)

observatories

observatories, astronomical

USE astronomical observatories

observatories, geophysical

USE geophysical observatories

Observatories, High Energy Astronomy

USE HEAO

observatories, lunar

USE lunar observatories

observatories, solar

USE solar observatories

Observatory A, High Energy Astronomy

USE HEAO 1

Observatory, Advanced Orbiting Solar

USE AOSO

Observatory B, High Energy Astronomy

USE HEAO 2

Observatory C, High Energy Astronomy

USE HEAO 3

Observatory, Eccentric Geophysical

USE EGO

Observatory, Eccentric Orbit Geophysical

USE EGO

Observatory, Einstein

USE HEAO 2

Observatory for IR Astronomy, Stratospheric

USE SOFIA (airborne observatory)

Observatory, Gamma Ray

USE Gamma Ray Observatory

Observatory (ISO), Infrared Space

USE Infrared Space Observatory (ISO)

Observatory, Jodrell Bank

USE Jodrell Bank Observatory

Observatory, Kuiper Airborne

Observatory, Kuiper Airborne
USE Kuiper Airborne Observatory

Observatory, Orbiting Astronomical
USE OAO

Observatory, Orbiting Geophysical
USE OGO

Observatory, Orbiting Solar
USE OSO

Observatory, Polar Orbit Geophysical
USE POGO

Observatory satellite, Synchronous Earth
USE Synchronous Earth Observatory satellite

observatory), SOFIA (airborne
USE SOFIA (airborne observatory)

Observatory, Solar and Heliospheric
USE SOHO Mission

Observatory 1, High Energy Astronomy
USE HEAO 1

Observatory 2, High Energy Astronomy
USE HEAO 2

Observatory 3, High Energy Astronomy
USE HEAO 3

Observer, Mars
USE Mars Observer

Observing Satellite, Severe Storms
USE StormSat satellite

Observing System (EOS), Earth
USE Earth Observing System (EOS)

obsidian

obsidian glass

obstacle avoidance

obstacles
USE barriers

obstructing
USE blocking

occipital lobes

occlusion

occultation

Occultation Experiment, Halogen
USE Halogen Occultation Experiment

occultation, lunar
USE lunar occultation

occultation, radio
USE radio occultation

Occultation satellite, High Eccentric Lunar
USE Exosat satellite

Occultation Satellite, High Eccentric Lunar
USE Exosat satellite

occultation, stellar
USE stellar occultation

Occulter Facility, Pinhole
USE Pinhole Occulter Facility

occupation

occupational diseases

occurrences

Ocean, Antarctic
USE Antarctic Ocean

Ocean, Arctic
USE Arctic Ocean

Ocean, Atlantic
USE Atlantic Ocean

ocean bottom

ocean color scanner

ocean currents

ocean data acquisitions systems

ocean data platforms
USE ocean data acquisitions systems

ocean data stations
USE ocean data acquisitions systems

ocean dynamics

ocean floor spreading
USE sea floor spreading

Ocean, Indian
USE Indian Ocean

ocean models

Ocean, Pacific
USE Pacific Ocean

Ocean Physics Applications Program, Earth &
USE Earth & Ocean Physics Applications Program

ocean ridges, mid-
USE mid-ocean ridges

Ocean Satellite, Geodynamic Experimental
USE GEOS-D satellite

ocean station systems, integrated global
USE integrated global ocean station systems

ocean surface

ocean temperature

ocean thermal energy conversion

oceanic ridges, mid-
USE mid-ocean ridges

Oceanic Satellite System, National
USE National Oceanic Satellite System

Oceanographic Inform Sys, Atmospheric &
USE Atmospheric & Oceanographic Inform Sys

oceanographic parameters

oceanography

(oceanography), currents
USE water currents

oceans

Octahedral Research Satellites
USE Environmental Research Satellites

octahedrite
USE anatase

octahedrons

octane

octane number

octanes

octaves

octets

octoates

octol (explosive)

NASA THESAURUS VOLUME 2

octopuses

ocular circulation

oculogravic illusions

oculometers

oculomotor nerves

ODAS
USE ocean data acquisitions systems

odd nuclei, odd-
USE odd-odd nuclei

odd-even nuclei

odd-odd nuclei

Odessa meteorite

odors

of-the-earth navigation, nap-
USE nap-of-the-earth navigation

off, bleed-
USE pressure reduction

off, cut-
USE cut-off

off-on control

offgassing

office automation

Office of Space & Terrest Applc Payloads
USE OSTA-2 payload
OSTA-1 payload
OSTA-3 payload

offshore docking

offshore energy sources

offshore platforms

offshore reactor sites

OFT
USE Space Transportation System flights

OFT 1
USE Space Transportation System 1 flight

OFT 2
USE Space Transportation System 2 flight

OFT 3
USE Space Transportation System 3 flight

OFT 4
USE Space Transportation System 4 flight

ogee shape

ogee wings
USE variable sweep wings

ogees, ap
USE apogees

ogives

OGO

OGO-A

OGO-B
USE OGO-3

OGO-C

OGO-D
USE OGO-4

OGO-E
USE OGO-5

OGO-F
USE OGO-6

OGO-3

OGO-4

OGO-5

OGO-6

OH
USE Ohio

OH), Wabash River Basin (IL-IN-
USE Wabash River Basin (IL-IN-OH)

OH-4 helicopter

OH-5 helicopter

OH-6 helicopter

OH-13 helicopter

OH-23 helicopter

OH-58 helicopter

Ohio

Ohio River (US)

ohmic dissipation

ohmmeters

Ohms law

Ohzora satellite
USE EXOS-C satellite

oil additives

oil, castor
USE castor oil

oil, crude
USE crude oil

oil exploration

oil fields

oil pollution

oil recovery

oil, shale
USE shale oil

oil slicks

oils

oils, fuel
USE fuel oils

oils, lubricating
USE lubricating oils

oils, mineral
USE mineral oils

OK
USE Oklahoma

(OK-TX), Lake Texoma
USE Lake Texoma (OK-TX)

Okazaki-Levy-Rudenko comet

Okhansk meteorite

Okhotsk, Sea of
USE Sea of Okhotsk

Oklahoma

olefins
USE alkenes

oleic acid

olfactory perception

oligomers

olivine

Olympus 593 engine, Bristol-Siddeley
USE Bristol-Siddeley Olympus 593 engine

Oman

OMCVD (vapor deposition)
USE metalorganic chemical vapor deposition

OME
USE Orbit Maneuvering Engine (Space Shuttle)

Omega Navigation System

omega-mesons

omegatrons

Omicron Ceti star

omnidirectional antennas

omnidirectional radio ranges

Omnipol HC-3 helicopter
USE HC-3 helicopter

Omnipol L-29 aircraft
USE L-29 jet trainer

Omnipol Z-37 aircraft
USE Z-37 aircraft

omnirange navigation
USE VHF omnirange navigation

omnirange navigation, VHF
USE VHF omnirange navigation

omnirange, SCORE
USE self calibrating omnirange

omnirange, self calibrating
USE self calibrating omnirange

on-insulator semiconductors, silicon-
USE SOI (semiconductors)

on-line programming

on-line systems

on-sapphire junctions, silicon-
USE SOS (semiconductors)

on-sapphire semiconductors, silicon-
USE SOS (semiconductors)

on-sapphire transistors, silicon-
USE SOS (semiconductors)

onboard computers
USE airborne/spaceborne computers

onboard data processing

onboard equipment

(onboard equipment), stowage
USE stowage (onboard equipment)

one dimensional flow

one-phase flow
USE single-phase flow

onisotropy
USE anisotropy

only memory devices, compact disk read-
USE optical disks

only memory devices, read-
USE read-only memory devices

Onsager phenomenological coefficient

Onsager relationship

Ontario

Ontario, Lake
USE Lake Ontario

ontogenesis
USE ontogeny

ontogeny

oocytes
USE gametocytes

Oort cloud

opacifiers

opacity

opalescence

open channel flow

open circuit voltage

open clusters

OPEN Project

opening displacement, crack
USE crack opening displacement

openings

(openings), clearings
USE clearings (openings)

(openings), gates
USE gates (openings)

(openings), ports
USE ports (openings)

operated propulsion systems, man
USE man operated propulsion systems

operating costs

operating system (DOS), disk
USE disk operating system (DOS)

(operating system), MS DOS
USE disk operating system (DOS)

(operating system), UNIX
USE UNIX (operating system)

operating systems (computers)

operating temperature

operation, duplex
USE duplex operation

Operation, Fishbowl
USE Fishbowl Operation

operation, premature
USE premature operation

operation, real time
USE real time operation

operational amplifiers

operational calculus

Operational Environ Sats, Geostationary
USE GOES satellites

Operational Environmental Sat Sys, National
USE NOESS

operational hazards

operational problems

operational problems

operational satellite system, TIROS
USE TIROS operational satellite system

Operational Satellites, Improved TIROS
USE ITOS satellites

operational support system, ground
USE ground operational support system

operations

operations, air drop
USE air drop operations

operations, airline
USE airline operations

operations center (NASA), space
USE space operations center (NASA)

operations, flight
USE flight operations

operations, loading
USE loading operations

operations, military
USE military operations

operations, preflight
USE preflight operations

operations, rescue
USE rescue operations

operations research

Operatl Environ Satellite B, Geostationary
USE GOES 2

operator, Bergman
USE Bergman operator

operator performance

operator, Sturm-Liouville
USE Sturm-Liouville theory

operators

operators, differential
USE operators (mathematics)
differential equations

operators, Fredholm
USE operators (mathematics)
Fredholm equations

operators, Laplace
USE Laplace transformation

operators, linear
USE linear operators

operators (mathematics)

operators (personnel)

operators, tele
USE teleoperators

Ophiuchi clouds

ophthalmodynamometry

ophthalmology

Opik theory

Oppenheimer approximation, Born-
USE Born-Oppenheimer approximation

optical absorption
USE light transmission
electromagnetic absorption

optical activity

optical amplifiers
USE light amplifiers

optical bistability

optical communication

optical computers

optical control

optical correction procedure

optical correlators

optical countermeasures

optical coupling

optical data processing

optical data storage materials

optical density

optical depolarization

optical depth
USE optical thickness

optical disks

optical effect, electro-
USE electro-optical effect

optical emission
USE light emission

optical emission spectroscopy

optical equipment

optical fibers

optical filters

optical flow (image analysis)

optical generators
USE laser cavities

optical gyroscopes

optical heterodyning

optical illusion

optical images
USE images

optical maser modulation
USE light modulation

optical masers
USE lasers

optical materials

optical measurement

optical measuring instruments

optical memory (data storage)

optical methods
USE optics

optical microscopes

optical modulation
USE light modulation

optical paths

optical photography, electro-
USE electro-optical photography

optical polarization

optical properties

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optical pumping

optical pyrometers

optical radar

optical range finders

optical reflection

optical relay systems

optical resonance

optical resonators

optical satellite tracking program

optical scanners

optical sensors
USE optical measuring instruments

optical signals
USE optical communication

optical slant range

optical spectrum
USE light (visible radiation)
spectra

optical switching

optical switching, electro-
USE optical switching

Optical Telescope Facility, Spacelab UV-
USE Starlab

optical telescope, solar
USE solar optical telescope

optical thickness

optical tracking

optical tracking system, minitrack
USE minitrack system

optical transfer function

optical transition

optical waveguides

optics

optics, acousto-
USE acousto-optics

optics, adaptive
USE adaptive optics

optics, atmospheric
USE atmospheric optics

optics, Cassegrain
USE Cassegrain optics

(optics), caustics
USE caustics (optics)

optics, crystal
USE crystal optics

optics, electro-
USE electro-optics

optics, electron
USE electron optics

optics, fiber
USE fiber optics

optics, geometrical
USE geometrical optics

optics, gradient index
USE gradient index optics

optics, integrated
USE integrated optics

optics, magneto-
USE magneto-optics

optics, modulating retrodirective
USE Miros system

optics, nonlinear
USE nonlinear optics

optics, physical
USE physical optics

optics, quantum
USE quantum optics

optics, ray
USE geometrical optics

(optics), scatter plates
USE scatter plates (optics)

optics, underwater
USE underwater optics

optimal control

optimal control, time
USE time optimal control

optimization

optimization, flight
USE flight optimization

optimization, trajectory
USE trajectory optimization

optimum control
USE optimal control

optimum thrust programming
USE thrust programming

options

optoelectronic devices

optoelectronic switching
USE optical switching

optogalvanic spectroscopy

optometry

OR
USE Oregon

or bending), brakes (forming
USE brakes (forming or bending)

or foe, identify friend
USE IFF systems (identification)

OR-gates
USE gates (circuits)

OR-WA), Cascade Range (CA-
USE Cascade Range (CA-OR-WA)

OR-WA), Columbia River Basin (ID-
USE Columbia River Basin (ID-OR-WA)

oral hygiene

oratory
USE public speaking

ORBIS

ORBIS CAL satellite

orbit and landing simulators, lunar
USE lunar orbit and landing simulators

orbit calculation

orbit calculation, satellite
USE orbit calculation

orbit decay

orbit determination, airborne range and
USE airborne range and orbit determination

orbit determination), AROD (range-
USE airborne range and orbit determination

orbit determination, minimum variance
USE minimum variance orbit determination

orbit determination, MINIVAR
USE minimum variance orbit determination

orbit equations
USE orbital mechanics

Orbit Geophysical Observatory, Eccentric
USE EGO

Orbit Geophysical Observatory, Polar
USE POGO

orbit insertion

orbit interactions, spin-
USE spin-orbit interactions

Orbit Maneuvering Engine (Space Shuttle)

orbit perturbation

Orbit satellites, Highly Eccentric
USE HEOS satellites

Orbit Shuttle, Aeromaneuvering Orbit to
USE Aeromaneuvering Orbit to Orbit Shuttle

Orbit space station, Halo
USE Halo Orbit space station

orbit spectrum utilization

Orbit to Orbit Shuttle, Aeromaneuvering
USE Aeromaneuvering Orbit to Orbit Shuttle

orbit transfer vehicles

orbit vehicles, single stage to
USE single stage to orbit vehicles

orbital assembly

orbital assembly, spacecraft
USE orbital assembly

orbital breakup
USE spacecraft breakup

orbital elements

orbital environments, Earth
USE Earth orbital environments

Orbital Environments, Geosynchronous Earth
USE Earth orbital environments

orbital environments, low Earth
USE Earth orbital environments

orbital environments, low earth
USE Earth orbital environments

Orbital Flight Test 1 (shuttle)
USE Space Transportation System 1 flight

orbital flight test 1, space shuttle
USE Space Transportation System 1 flight

Orbital Flight Test 2 (shuttle)
USE Space Transportation System 2 flight

orbital flight test 2, space shuttle
USE Space Transportation System 2 flight

Orbital Flight Test 3 (shuttle)
USE Space Transportation System 3 flight

orbital flight test 3, space shuttle
USE Space Transportation System 3 flight

Orbital Flight Test 4 (shuttle)
USE Space Transportation System 4 flight

orbital flight test 4, space shuttle
USE Space Transportation System 4 flight

orbital flight tests (shuttle)
USE Space Transportation System flights

orbital flight tests, space shuttle
USE Space Transportation System flights

Orbital Flight 7, Space Shuttle
USE Space Shuttle mission 31-C

Orbital Flight 8, Space Shuttle
USE Space Shuttle mission 31-D

Orbital Flight 9, Space Shuttle
USE Space Shuttle mission 41-A

orbital flights, Space Shuttle
USE Space Transportation System flights

orbital laboratories, manned
USE manned orbital laboratories

(orbital laboratories), MOL
USE manned orbital laboratories

orbital launching

orbital lifetime

orbital maneuvering vehicles

orbital maneuvers

orbital mechanics

orbital motion
USE orbits

orbital position estimation

orbital rendezvous

orbital rendezvous, Earth
USE Earth orbital rendezvous

orbital rendezvous, lunar
USE lunar orbital rendezvous

orbital resonances (celestial mechanics)

orbital servicing

orbital shot proj, experimental reflector
USE experimental reflector orbital shot proj

orbital shots

Orbital Simulator, High Vacuum
USE High Vacuum Orbital Simulator

orbital simulators
USE space simulators

orbital space stations, manned
USE space stations

Orbital Space System, Bioastronautical
USE Bioastronautical Orbital Space System

orbital space tests

orbital telescopes, manned
USE manned orbital telescopes

(orbital telescopes), MOT
USE manned orbital telescopes

Orbital Test Satellite (ESA)
USE OTS (ESA)

Orbital Test Satellite, Maritime
USE Marots (ESA)

orbital transfer
USE transfer orbits

orbital velocity

orbital velocity

orbital workers

orbital workshops

orbitals

orbitals, electron
USE electron orbitals

orbitals, molecular
USE molecular orbitals

orbitals, slater
USE slater orbitals

Orbiter A, Lunar
USE Lunar Orbiter 1

(orbiter), Atlantis
USE Atlantis (orbiter)

Orbiter B, Lunar
USE Lunar Orbiter 2

Orbiter C, Lunar
USE Lunar Orbiter 3

(Orbiter), Challenger
USE Challenger (Orbiter)

(Orbiter), Columbia
USE Columbia (Orbiter)

Orbiter D, Lunar
USE Lunar Orbiter 4

(Orbiter), Discovery
USE Discovery (Orbiter)

Orbiter E, Lunar
USE Lunar Orbiter 5

(orbiter), Endeavour
USE Endeavour (orbiter)

(Orbiter), Enterprise
USE Enterprise (Orbiter)

orbiter, Lunar
USE Lunar orbiter

Orbiter, Mars Geoscience Climatology
USE Mars Observer

Orbiter, Pioneer Venus
USE Pioneer Venus 1 spacecraft

orbiter spacecraft, Viking
USE Viking orbiter spacecraft

Orbiter 1, Lunar
USE Lunar Orbiter 1

orbiter 1, Viking
USE Viking orbiter 1

Orbiter 2, Lunar
USE Lunar Orbiter 2

orbiter 2, Viking
USE Viking orbiter 2

Orbiter 3, Lunar
USE Lunar Orbiter 3

Orbiter 4, Lunar
USE Lunar Orbiter 4

Orbiter 5, Lunar
USE Lunar Orbiter 5

Orbiter 099, Space Shuttle
USE Challenger (Orbiter)

Orbiter 101, Space Shuttle
USE Enterprise (Orbiter)

Orbiter 102, Space Shuttle
USE Columbia (Orbiter)

Orbiter 103, Space Shuttle
USE Discovery (Orbiter)

Orbiter 104, Space Shuttle
USE Atlantis (orbiter)

orbiter 1975, Viking
USE Viking orbiter 1975

Orbiters, Shuttle
USE Space Shuttle orbiters

orbiters, Space Shuttle
USE Space Shuttle orbiters

Orbiting Astronomical Observatory
USE OAO

orbiting dipoles

Orbiting Frog Otolith

Orbiting Geophysical Observatory
USE OGO

orbiting imaging radar (spacecraft), Venus
USE Venus orbiting imaging radar (spacecraft)

orbiting lunar stations

orbiting radio beacon ionospheric sounder
USE ORBIS

Orbiting Solar Observatory
USE OSO

Orbiting Solar Observatory, Advanced
USE AOSO

orbiting space stations, Earth
USE space stations

orbiting telescope, kilometer wave
USE kilometer wave orbiting telescope

orbitrons

orbits

orbits, circular
USE circular orbits

orbits, Earth
USE Earth orbits

orbits, eccentric
USE eccentric orbits

orbits, elliptical
USE elliptical orbits

orbits, equatorial
USE equatorial orbits

orbits, geosynchronous
USE geosynchronous orbits

orbits, heliocentric
USE solar orbits

orbits, Hohmann transfer
USE transfer orbits
elliptical orbits

orbits, interplanetary transfer
USE interplanetary transfer orbits

orbits, lunar
USE lunar orbits

orbits, parking
USE parking orbits

orbits, periodic
USE orbits

orbits, planetary
USE planetary orbits

orbits, polar
USE polar orbits

NASA THESAURUS VOLUME 2

orbits, satellite
USE satellite orbits

orbits, solar
USE solar orbits

orbits, spacecraft
USE spacecraft orbits

orbits, stationary
USE stationary orbits

orbits, stellar
USE stellar orbits

orbits, transfer
USE transfer orbits

orbits, Trojan
USE Trojan orbits

orbits, twenty-four hour
USE twenty-four hour orbits

orbits, two body
USE two body problem

orchards

order filters, reduced
USE reduced order filters

order languages, higher
USE high level languages

order-disorder transformations

ordnance

(ordnance), bombs
USE bombs (ordnance)

(ordnance), fuses
USE fuses (ordnance)

(ordnance), guns
USE guns (ordnance)

(ordnance), mines
USE mines (ordnance)

Oregon

ores
USE minerals

ores, iron
USE iron ores

organ, Corti
USE Corti organ

organ weight

organelles

organic aluminum compounds

(organic), azides
USE azides (organic)

organic boron compounds

organic charge transfer salts

organic chemistry

organic compounds

organic compounds, fluorine
USE fluorine organic compounds

organic compounds, lead
USE lead organic compounds

organic compounds, polynuclear
USE polynuclear organic compounds

organic coolants

organic cooled reactors

organic cooled reactors, experimental
USE experimental organic cooled reactors

organic fluorine compounds
USE fluorine organic compounds

organic germanium compounds

organic lasers

organic liquids

organic lithium compounds

organic materials

organic moderated reactors

organic nitrates

organic peroxides

organic phosphorus compounds

organic semiconductors

organic silicon compounds

organic solids

organic sulfur compounds

organic superconductors

organic tin compounds

organic wastes (fuel conversion)

organisms

organisms, micro
USE microorganisms

Organization, European Space Research
USE European Space Agency

Organization, Indian Space Research
USE ISRO

Organization (NATO), North Atlantic Treaty
USE North Atlantic Treaty Organization (NATO)

Organization sat, European Space Research
USE ESA satellites

Organization, World Meteorological
USE World Meteorological Organization

organizations

(organizations), bureaus
USE bureaus (organizations)

organizing

organizing systems, self
USE self organizing systems

organometallic compounds

organometallic polymers

organometallic vapor deposition
USE metalorganic chemical vapor deposition

organs

organs, otolith
USE otolith organs

organs, sense
USE sense organs

orgel reactor
USE organic cooled reactors

Orgueil meteorite

ORIC cyclotron
USE Oak Ridge isochronous cyclotron

Orientales (Colombia), Llanos
USE Llanos Orientales (Colombia)

orientation

orientation, dis
USE disorientation

orientation, Earth
USE Earth orientation

orientation, fiber
USE fiber orientation

orientation, horizontal
USE horizontal orientation

orientation, instrument
USE instrument orientation

orientation, ply
USE ply orientation

orientation, satellite
USE satellite orientation

orientation, space
USE space orientation

orientation, spatial
USE attitude (inclination)

orientation, vertical
USE vertical orientation

oriented language, algorithmic
USE ALGOL

Oriented Language, Common Business
USE Cobol

oriented languages, machine
USE machine oriented languages

oriented programming, object-
USE object-oriented programming

orifice flow

orifices

Origin of Plasmas in Earth Neighborhood
USE OPEN Project

origins

origins, planet
USE planetary evolution

Orion aircraft
USE P-3 aircraft

Orion constellation

Orion nebula

Orion (radio interferometry network)

Orionid meteoroids

Orionis, Sigma
USE Sigma Orionis

Orlicz space

ornithopter aircraft
USE research aircraft

Ornstein-Uhlenbeck process

orographic clouds
USE cap clouds

orography

Orr-Sommerfeld equations

orries
USE astronomical models

orthicons

orthicons, image
USE image orthicons

ortho hydrogen

ortho para conversion

orthocarbonates, tetraethyl
USE tetraethyl orthocarbonates

orthogonal functions

orthogonal multiplexing theory

orthogonality

orthography

orthonormal functions

orthopedics

orthophotography

orthosilicate, tetraethyl
USE tetraethyl orthosilicate

orthostatic tolerance

orthotropic cylinders

orthotropic plates

orthotropic shells

orthotropism

os
USE osmium

oscillating cylinders

oscillating flow

oscillation dampers

oscillation, forced
USE forced vibration

oscillation, harmonic
USE harmonic oscillation

oscillation, ion
USE plasma oscillations

oscillation, lateral
USE lateral oscillation

oscillation, nonstabilized
USE nonstabilized oscillation

oscillation, nutational
USE nutation

oscillation, pilot induced
USE pilot induced oscillation

oscillation, self
USE self oscillation

oscillation, Southern
USE Southern oscillation

oscillation, tidal
USE tides

oscillation, transverse
USE transverse oscillation

oscillations

oscillations, airfoil
USE airfoil oscillations

oscillations, electron
USE electron oscillations

oscillations, free
USE free vibration

oscillations, hydrofoil

oscillations, hydrofoil

USE hydrofoil oscillations

oscillations, molecular

USE molecular oscillations

oscillations, phugoid

USE pitch (inclination)
oscillations

oscillations, plasma

USE plasma oscillations

oscillations, pressure

USE pressure oscillations

oscillations, solar

USE solar oscillations

oscillations, stable

USE stable oscillations

oscillations, stellar

USE stellar oscillations

oscillations, transient

USE transient oscillations

oscillations, undamped

USE undamped oscillations

oscillations, wing

USE wing oscillations

oscillator strengths

oscillators

oscillators, crystal

USE crystal oscillators

oscillators, harmonic

USE harmonic oscillators

oscillators, mechanical

USE mechanical oscillators

oscillators, microwave

USE microwave oscillators

oscillators, molecular

USE molecular oscillators

oscillators, parametric

USE parametric amplifiers

oscillators, relaxation

USE relaxation oscillators

oscillators, synchronized

USE synchronized oscillators

oscillators, vacuum tube

USE vacuum tube oscillators

oscillators, voltage controlled

USE voltage controlled oscillators

oscillators, wave

USE oscillators

oscillatory schemes, essentially non-

USE essentially non-oscillatory schemes

oscillograms

USE oscillographs

oscillographs

oscilloscopes

osculations

USE double cusps

Oseen approximation

osmium

osmium alloys

osmium compounds

osmium isotopes

osmometers

osmosis

osmosis, reverse

USE reverse osmosis

osmotic pressure

USE osmosis

OSO

OSO-A

USE OSO-1

OSO-B

USE OSO-2

OSO-C

OSO-D

USE OSO-4

OSO-E

USE OSO-3

OSO-F

USE OSO-5

OSO-G

USE OSO-6

OSO-H

USE OSO-7

OSO-J

USE OSO-8

OSO-1

OSO-2

OSO-3

OSO-4

OSO-5

OSO-6

OSO-7

OSO-8

Osprey aircraft

USE V-22 aircraft

Osprey missile

OSS-1 payload

OSTA-1 payload

OSTA-2 payload

OSTA-3 payload

osteoporosis

OT-2

USE ESSA 2 satellite

OT-3

USE ESSA 1 satellite

OTF

USE optical transfer function

otolaryngology

Otolith, Orbiting Frog

USE Orbiting Frog Otolith

otolith organs

otology

OTS (ESA)

NASA THESAURUS VOLUME 2

Otto cycle

OTV

USE orbit transfer vehicles

outcrops

Outer Banks (NC)

outer planet missions

USE Grand Tours

outer planet spacecraft

USE outer planets explorers

outer planet spacecraft, thermoelectric

USE TOPS (spacecraft)

outer planets explorers

outer radiation belt

outer space treaty

outgassing

outlet flow

outlets

outlets, electric

USE electric outlets

outlets (geology)

USE estuaries

outliers (landforms)

outliers (statistics)

output

output, cardiac

USE cardiac output

output, multiple input multiple

USE MIMO (control systems)

output programs, multiple

USE multiple output programs

output systems, single input single

USE SISO (control systems)

outputs, laser

USE laser outputs

outputs, maser

USE maser outputs

outs, cut-

USE openings

OV-1 aircraft

OV-1 satellites

OV-1C aircraft, Grumman

USE OV-1 aircraft

OV-2 satellites

OV-3 satellites

OV-4 satellites

OV-5 satellites

OV-10 aircraft

ovaries

ovens

over the shore (LOTS) carrier, logistics

USE logistics over the shore (LOTS) carrier

over-the-horizon radar

overcast
USE cloud cover

overcompression
USE overconsolidation

overconsolidation

Overhauser effect

overpressure

overtones
USE harmonics

overviews, general
USE general overviews

overvoltage

oxalates

oxalates, cobalt
USE cobalt oxalates

oxalic acid

oxamic acids

oxazole

oxidants, photochemical
USE photochemical oxidants

oxidase

oxidation

oxidation, electrochemical
USE electrochemical oxidation

oxidation, photo
USE photooxidation

oxidation resistance

oxidation-reduction reactions

oxide batteries, zinc silver
USE silver zinc batteries

oxide, ethylene
USE ethylene oxide

oxide films

oxide, hydrogen deuterium
USE heavy water

oxide, nitric
USE nitric oxide

oxide, propylene
USE propylene oxide

oxide reactors, fast
USE fast oxide reactors

oxide semiconductors, complementary metal
USE CMOS

oxide semiconductors, indium-tin-
USE ITO (semiconductors)

oxide semiconductors, metal
USE metal oxide semiconductors

oxide, trifluoroamine
USE trifluoroamine oxide

oxide zinc batteries, silver
USE silver zinc batteries

oxide-metal semiconductors, metal-
USE MOM (semiconductors)

oxide-semiconductors, metal-nitride-
USE metal-nitride-oxide-semiconductors

oxide-silicon, metal-nitride-
USE metal-nitride-oxide-silicon

oxides

oxides, alkaline earth
USE alkaline earth oxides

oxides, aluminum
USE aluminum oxides

oxides, barium
USE barium oxides

oxides, beryllium
USE beryllium oxides

oxides, bismuth
USE bismuth oxides

oxides, boron
USE boron oxides

oxides, butylene
USE tetrahydrofuran

oxides, calcium
USE calcium oxides

oxides, cerium
USE cerium oxides

oxides, cesium
USE cesium oxides

oxides, chlorine
USE chlorine oxides

oxides, chromium
USE chromium oxides

oxides, cobalt
USE cobalt oxides

oxides, copper
USE copper oxides

oxides, deuterium
USE heavy water

oxides, di
USE dioxides

oxides, gallium
USE gallium oxides

oxides, germanium
USE germanium oxides

oxides, hafnium
USE hafnium oxides

oxides, hydr
USE hydroxides

oxides, iron
USE iron oxides

oxides, lanthanum
USE lanthanum oxides

oxides, lead
USE lead oxides

oxides, lithium
USE lithium oxides

oxides, magnesium
USE magnesium oxides

oxides, manganese
USE manganese oxides

oxides, mercury
USE mercury oxides

oxides, metal
USE metal oxides

oxides, mixed
USE mixed oxides

oxides, molybdenum
USE molybdenum oxides

oxides, nickel
USE nickel oxides

oxides, niobium
USE niobium oxides

oxides, nitrogen
USE nitrogen oxides

oxides, nitrous
USE nitrous oxides

oxides, per
USE peroxides

oxides, phosphorus
USE phosphorus oxides

oxides, platinum
USE platinum oxides

oxides, plutonium
USE plutonium oxides

oxides, potassium
USE potassium oxides

oxides, scandium
USE scandium oxides

oxides, selenium
USE selenium oxides

oxides, silicon
USE silicon oxides

oxides, silver
USE silver oxides

oxides, strontium
USE strontium oxides

oxides, sulfur
USE sulfur oxides

oxides, tantalum
USE tantalum oxides

oxides, thorium
USE thorium oxides

oxides, tin
USE tin oxides

oxides, titanium
USE titanium oxides

oxides, tungsten
USE tungsten oxides

oxides, uranium
USE uranium oxides

oxides, vanadium
USE vanadium oxides

oxides, yttrium
USE yttrium oxides

oxides, zinc
USE zinc oxides

oxides, zirconium
USE zirconium oxides

oxidizers

oxidizers, high energy
USE high energy oxidizers

oxidizers, liquid
USE liquid oxidizers

oxidizers, propellant
USE rocket oxidizers

oxidizers, rocket
USE rocket oxidizers

oxification, de
USE deoxidification

oximetry

oximetry

oxosilanes

USE polysilanes

oxyacetylene

oxyalkylation

USE alkylation

oxyfluorides

oxygen

oxygen afterglow

oxygen analyzers

oxygen atmospheres, argon-

USE argon-oxygen atmospheres

oxygen atmospheres, helium-

USE helium-oxygen atmospheres

oxygen atoms

oxygen batteries, zinc-

USE zinc-oxygen batteries

oxygen breathing

oxygen compounds

oxygen consumption

oxygen deficiency

USE hypoxia

oxygen demand, biochemical

USE biochemical oxygen demand

oxygen detectors

USE oxygen analyzers

oxygen engines, hydrogen

USE hydrogen oxygen engines

oxygen fluorides

oxygen, fluorine-liquid

USE FLOX

oxygen fuel cells, hydrogen

USE hydrogen oxygen fuel cells

oxygen, high pressure

USE high pressure oxygen

oxygen hydrocarbon rocket engines, liquid

USE oxygen-hydrocarbon rocket engines

oxygen ions

oxygen isotopes

oxygen, liquid

USE liquid oxygen

(oxygen), LOX

USE liquid oxygen

oxygen masks

oxygen metabolism

oxygen plasma

oxygen production

oxygen recombination

oxygen regulators

oxygen spectra

oxygen supply equipment

oxygen systems

USE oxygen supply equipment

oxygen tension

oxygen toxicity

USE hyperoxia

oxygen 17

oxygen 18

oxygen-hydrocarbon rocket engines

oxygenation

oxygenation, de

USE deoxygenation

oxyhalides

oxyhemoglobin

oxynitrides

ozonates

ozone

ozone depletion

ozone fluoride

ozone holes

USE ozone depletion

ozone layer

USE ozonosphere

Ozone Mapping Spectrometer, Total

USE Total Ozone Mapping Spectrometer

ozonides

ozonometry

ozonosphere

P

P

USE phosphorus

P band

p junctions, n-

USE p-n junctions

p junctions, p-n-

USE p-n-p junctions

P, vitamin

USE bioflavonoids

P waves

P.A.C.M. telemetry

p-i-n diodes

USE p-i-n junctions
diodes

p-i-n junctions

p-n junctions

p-n junctions, n-

USE n-p-n junctions

p-n junctions, p-n-

USE p-n-p-n junctions

p-n-p junctions

p-n-p-n junctions

p-type semiconductors

P-1 engine

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P-3 aircraft

P-20 engine, J-57-

USE J-57-P-20 engine

P-51 aircraft

P-84 aircraft

USE jet provost aircraft

P-84 aircraft, Hunting

USE jet provost aircraft

P-160 aircraft

P-160 aircraft, ME

USE P-160 aircraft

P-160 aircraft, Messerschmitt ME

USE P-160 aircraft

P-166 aircraft

P-166 aircraft, Piaggio

USE P-166 aircraft

P-308 aircraft

P-308 aircraft, ME

USE P-308 aircraft

P-308 aircraft, Messerschmitt ME

USE P-308 aircraft

P-531 helicopter

P-531 helicopter, Westland

USE P-531 helicopter

P-1127 aircraft

P-1127 aircraft, Hawker

USE P-1127 aircraft

P-1154 aircraft

P-1154 aircraft, Hawker

USE P-1154 aircraft

Pa

USE protactinium

PA

USE Pennsylvania

PA), Susquehanna River Basin (MD-NY-

USE Susquehanna River Basin (MD-NY-PA)

PA-34 Seneca aircraft

Pablo Bay (CA), San

USE San Pablo Bay (CA)

PACE

USE Physics and Chemistry Experiment in Space

pacemaker, artificial cardiac

USE artificial cardiac pacemaker

Pacific Islands

Pacific Northwest (US)

Pacific Ocean

Package, Apollo Lunar Surface Experiments

USE Apollo Lunar Surface Experiments Package

Package, Early Apollo Surface Experiments

USE EASEP

Package, Earth Resources Experiment

USE EREP

package telescope, Goddard experiment

USE particle telescopes

packages

packages, instrument

USE instrument packages

- packaging**
- packaging, electronic**
USE electronic packaging
- Packard computers, Hewlett-**
USE Hewlett-Packard computers
- packed lattices, close**
USE close packed lattices
- packet switching**
- packet transmission**
- packets (communication)**
- packets, wave**
USE wave packets
- packing**
- packing density**
- packings (seals)**
- packs, ice**
USE sea ice
- pad**
- paddles**
- Pade approximation**
- pads, launching**
USE launching pads
- Page aircraft, Handley**
USE Handley Page aircraft
- Page HP-115 aircraft, Handley**
USE HP-115 aircraft
- PAGEOS satellite**
- pain**
- pain sensitivity**
- paints**
- pair production**
- pairs, electron-positron**
USE electron-positron pairs
- Pakistan**
- Pakistan, East**
USE Bangladesh
- Pakistan space program**
- Palapa B satellite**
USE Palapa 2 satellite
- Palapa satellites**
- Palapa 2 satellite**
- paleobiology**
- paleoclimatology**
- paleomagnetism**
- paleontology**
- Paleozoic Era**
- palladium**
- palladium alloys**
- palladium compounds**
- palladium isotopes**
- pallet satellites, Shuttle**
USE Shuttle pallet satellites
- Palmar sweat index**
- Palmgren-Miner rule**
- palmitic acid**
- Palo Verde Valley (CA)**
- PAM (modulation)**
USE pulse amplitude modulation
- pampas**
- PAN (polyacrylonitrile)**
USE polyacrylonitrile
- Panama**
- Panama Canal Zone**
- Panavia military aircraft**
- pancreas**
- panel flutter**
- panel method (fluid dynamics)**
- panels**
- panels, control**
USE control boards
- panels, curved**
USE curved panels
- panels, rectangular**
USE rectangular panels
- panels, wing**
USE wing panels
- panic**
- panoramic cameras**
- panoramic scanning**
- panspermia**
- PANT program**
- Pantar chondrites**
- Panther aircraft**
USE F-9 aircraft
- papain**
- (paper), boards**
USE boards (paper)
- paper chromatography**
- (paper), forms**
USE forms (paper)
- paper (material)**
- papers**
- papillae**
- Papua New Guinea**
- para conversion, ortho**
USE ortho para conversion
- para hydrogen**
- parabolas**
- parabolic antennas**
- parabolic bodies**
- parabolic differential equations**
- parabolic flight**
- parabolic reflectors**
- parabolic velocity**
USE escape velocity
- paraboloid mirrors**
- paraboloids**
USE parabolic bodies
- parachute descent**
- parachute fabrics**
- parachutes**
- parachutes, drogue**
USE drag chutes
- parachutes, recovery**
USE recovery parachutes
- parachutes, ribbon**
USE ribbon parachutes
- parachuting**
USE parachute descent
- parachuting injury**
- paracone**
- paradox, clock**
USE clock paradox
- paradoxes**
- paraffins**
- paraglider rocket vehicle, Dornier**
USE Dornier paraglider rocket vehicle
- paragliders**
- Paraguay**
- parallax**
- parallax, solar**
USE solar parallax
- parallax, stellar**
USE stellar parallax
- parallel computers**
- parallel flow**
- parallel plates**
- parallel processing (computers)**
- parallel processors, massively**
USE massively parallel processors
- parallel programming**
- parallel strip lines**
USE microstrip transmission lines
- parallelepiped**
- parallelograms**
- paralysis**
- paramagnetic amplifiers**
USE masers
- paramagnetic resonance**
- paramagnetic resonance, electron**
USE electron paramagnetic resonance
- paramagnetism**
- paramecia**

parameter identification

parameter identification

parameter systems, distributed

USE distributed parameter systems

parameter systems, lumped

USE lumped parameter systems

parameter, time temperature

USE time temperature parameter

parameterization

parameters

USE independent variables

parameters, collision

USE collision parameters

parameters, lattice

USE lattice parameters

parameters, meteorological

USE meteorological parameters

parameters, oceanographic

USE oceanographic parameters

parametric amplifiers

parametric diodes

parametric frequency converters

parametric oscillators

USE parametric amplifiers

parametrons

paranasal sinuses

paraplasts

parapsychology

USE extrasensory perception

parasites

parasitic antennas

USE parasitic elements (antennas)

parasitic diseases

parasitic elements (antennas)

parasitic reflectors

USE parasitic elements (antennas)

parathyroid gland

paravulcoons

parawings

parenteral functions

parents

parity

Park (ID-MT-WY), Yellowstone National

USE Yellowstone National Park (ID-MT-WY)

parking

parking orbits

Parkinson disease

parks

parks, national

USE national parks

parotid gland

USE salivary glands

parsing algorithms

partial differential equations

partial pressure

particle acceleration

particle accelerator targets

particle accelerators

(particle accelerators), racetracks

USE racetracks (particle accelerators)

Particle Accelerators, Space Exper with

USE SEPAC (payload)

(particle accelerators), storage rings

USE storage rings (particle accelerators)

particle beams

particle charging

particle collisions

particle counters

USE radiation counters

particle decay

USE radioactive decay

particle density (concentration)

particle detectors

USE radiation counters

particle diffusion

particle emission

particle energy

Particle Explorer A, Energetic

USE Explorer 12 satellite

Particle Explorer B, Energetic

USE Explorer 14 satellite

Particle Explorer C, Energetic

USE Explorer 15 satellite

Particle Explorer D, Energetic

USE Explorer 26 satellite

particle flux

USE flux (rate)

particle flux density

particle image displacement velocimetry

USE particle image velocimetry

particle image velocimetry

particle in cell technique

particle intensity

particle interactions

particle interactions, elementary

USE elementary particle interactions

particle interactions, plasma-

USE plasma-particle interactions

particle interactions, wave-

USE wave-particle interactions

particle laden jets

particle mass

particle measurement, precipitation

USE precipitation particle measurement

particle motion

(particle physics), charm

USE charm (particle physics)

(particle physics), color

USE quantum chromodynamics

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(particle physics), flavor

USE flavor (particle physics)

particle precipitation

particle production

particle size distribution

particle spin

particle telescopes

particle theory

particle theory, many

USE many body problem

Particle Tracer Explorers, Active Magneto

USE AMPTE (satellites)

particle tracks

particle trajectories

particles

particles, alpha

USE alpha particles

particles, anti

USE antiparticles

particles, beta

USE beta particles

particles, charged

USE charged particles

particles, elementary

USE elementary particles

particles, energetic

USE energetic particles

particles, geomagnetically trapped

USE radiation belts

particles, magnetically trapped

USE magnetically trapped particles

particles, metal

USE metal particles

particles, micro

USE microparticles

particles, neutral

USE neutral particles

particles, nuclear

USE nuclear particles

particles, penetrating

USE corpuscular radiation

(particles), powder

USE powder (particles)

particles, quasi-

USE elementary excitations

particles, relativistic

USE relativistic particles

particles, trapped

USE trapped particles

particulate filters

USE fluid filters

particulate reinforced composites

particulate sampling

particulates

partitions

partitions (mathematics)

- partitions (structures)**
- parton model, quark**
USE quark parton model
- partons**
- parts**
USE components
- parts, aircraft**
USE aircraft parts
- parts, engine**
USE engine parts
- parts, spare**
USE spare parts
- PAS**
- Pascal (programming language)**
- Paschen series**
- pass filters, high**
USE high pass filters
- pass filters, low**
USE low pass filters
- passageway), ingress (spacecraft**
USE ingress (spacecraft passageway)
- passageways**
- passenger aircraft**
- passengers**
- passes**
USE gaps (geology)
- passivation**
USE passivity
- passive elements**
USE parasitic elements (antennas)
- passive L-band radiometers**
- passive nosetip technology**
USE PANT program
- passive satellites**
- passivity**
- paste (consistency)**
- pastes**
- pasteurizing**
- patch tests**
- patent applications**
- patent policy**
- patents**
- path analysis, gas**
USE gas path analysis
- path, mean free**
USE mean free path
- path method, critical**
USE critical path method
- path planning**
USE trajectory planning
- Pathfinder nuclear reactor**
- pathogenesis**
- pathogens**
- pathological effects**
- pathology**
- pathology, human**
USE human pathology
- pathology, radio**
USE radiopathology
- paths**
- paths, diffraction**
USE diffraction paths
- paths, electron**
USE electron trajectories
- paths, flight**
USE flight paths
- paths, glide**
USE glide paths
- paths, optical**
USE optical paths
- patients**
- Patriot missile**
- patrols**
- pattern distribution**
USE distribution (property)
- pattern generators, test**
USE test pattern generators
- pattern, Kossel**
USE Kossel pattern
- pattern method (forecasting)**
- pattern recognition**
- pattern recognition, automatic**
USE pattern recognition
- pattern registration**
- patterns**
- patterns, antenna radiation**
USE antenna radiation patterns
- patterns, chaotic cloud**
USE clouds (meteorology)
- patterns, diffraction**
USE diffraction patterns
- patterns, drainage**
USE drainage patterns
- patterns, flat**
USE flat patterns
- patterns, flow**
USE flow distribution
- patterns, fringe**
USE diffraction patterns
- patterns, radial drainage**
USE drainage patterns
- patterns, speckle**
USE speckle patterns
- Patterson map**
- Pauli exclusion principle**
- pause, lono**
USE ionopause
- pause, magneto**
USE magnetopause
- pause, tropo**
USE tropopause
- pause, turbo**
USE turbopause
- pavements**
- payload), AMPS (satellite**
USE AMPS (satellite payload)
- payload assist module**
- payload, atmospheric and magnetospheric**
USE AMPS (satellite payload)
- payload control**
- payload delivery (STS)**
- payload deployment & retrieval system**
- payload), EXPOS (Spacelab**
USE EXPOS (Spacelab payload)
- payload integration**
- payload integration plan**
- payload mass ratio**
- payload, OSS-1**
USE OSS-1 payload
- payload, OSTA-1**
USE OSTA-1 payload
- payload, OSTA-2**
USE OSTA-2 payload
- payload, OSTA-3**
USE OSTA-3 payload
- payload, plasmas-in-space**
USE AMPS (satellite payload)
- payload retrieval (STS)**
- (payload), SEPAC**
USE SEPAC (payload)
- payload stations**
- payload transfer**
- Payload, X Ray Spectropolarimetry**
USE EXPOS (Spacelab payload)
- payloads**
- Payloads, Office of Space & Terrestri Applic**
USE OSTA-2 payload
OSTA-1 payload
OSTA-3 payload
- payloads, Space Shuttle**
USE Space Shuttle payloads
- payloads, space station**
USE space station payloads
- payloads, Spacelab**
USE Spacelab payloads
- Pb**
USE lead
- PBB**
USE polybrominated biphenyls
- PBRE (reactors)**
USE pebble bed reactors
- PC, IBM**
USE IBM personal computers
- PC, Macintosh**
USE Macintosh personal computers
- PCB**
USE polychlorinated biphenyls

PCM (materials)

PCM (materials)

USE phase change materials

PCM (modulation)

USE pulse code modulation

PCM telemetry

Pd

USE palladium

PD-808 aircraft

PD-808 aircraft, Douglas

USE PD-808 aircraft

PD-808 aircraft, Piaggio-Douglas

USE PD-808 aircraft

PDM (modulation)

USE pulse duration modulation

PDP computers

PDP 7 computer

PDP 8 computer

PDP 9 computer

PDP 10 computer

PDP 11 computer

PDP 11/20 computer

PDP 11/40 computer

PDP 11/45 computer

PDP 11/50 computer

PDP 11/70 computer

PDP 12 computer

PDP 15 computer

peacetime

Peak (CO), Pike's

USE Pike's Peak (CO)

peak, photo

USE photopeak

peaks

peaks, Bordoni

USE Bordoni peaks

peaks (landforms)

pearlite

Pearson distributions

peat

pebble bed reactors

Peclet number

pectoris, angina

USE angina pectoris

peculiar galaxies

peculiar stars

pedals

pediments

USE piedmonts

pediplains

USE piedmonts

pedology

USE soil science

PEEK

peeling

peening

peening, shot

USE shot peening

Pegasus air-launched booster

Pegasus computer

Pegasus engine

USE Bristol-Siddeley BS 53 engine

Pegasus satellites

pelagic zone

pellets

pellicle

pelomyxa

Peltier effects

pelvis

penalties

penalty function

pencil beams

pendulous gyroscopes

USE gyroscopic pendulums

pendulums

pendulums, gyroscopic

USE gyroscopic pendulums

penetrants

penetrating particles

USE corpuscular radiation

penetration

penetration ballistics

USE terminal ballistics

penetration, projectile

USE terminal ballistics

penetration, target

USE terminal ballistics

penetrometers

penicillin

Peninsula (DE-MD-VA), Delmarva

USE Delmarva Peninsula (DE-MD-VA)

Peninsular Ranges (CA)

peninsulas

Penning discharge

Penning effect

Penning gages

Pennsylvania

pens

pentaboranes

pentachlorides

USE chlorides

pentaerythritol tetranitrate

USE PETN

pentanes

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pentanone

pentobarbital

pentobarbital sodium

pentodes

pentolite

pentose

penumbras

PEOLE satellites

Peoples Democratic Republic of Germany

USE East Germany

Peoples Republic, Chinese

USE China

Peoples Republic of Korea, Democratic

USE North Korea

peppers

pepsin

peptides

peptides, poly

USE polypeptides

per carrier transmission, single channel

USE single channel per carrier transmission

(per time), rates

USE rates (per time)

per unit area, flux (rate

USE flux density

perceived noise levels, effective

USE effective perceived noise levels

percentage

USE ratios

perception

perception, auditory

USE auditory perception

perception, color

USE color vision

perception, cutaneous

USE touch

perception, depth

USE space perception

perception, distance

USE space perception

perception, extrasensory

USE extrasensory perception

perception, form

USE space perception

perception, gustatory

USE taste

perception, motion

USE motion perception

perception, olfactory

USE olfactory perception

perception, sensory

USE sensory perception

perception, slant

USE space perception

perception, sound

USE auditory perception

- perception, space**
USE space perception
- (perception), thresholds**
USE thresholds (perception)
- perception, vertical**
USE vertical perception
- perception, vibration**
USE vibration perception
- perception, visual**
USE visual perception
- perceptrons**
USE self organizing systems
- perceptual errors**
- perceptual time constant**
- perchlorate, hydrogen**
USE hydrogen perchlorate
- perchlorate, nitronium**
USE nitronium perchlorate
- perchlorates**
- perchlorates, aluminum**
USE aluminum perchlorates
- perchlorates, ammonium**
USE ammonium perchlorates
- perchlorates, hydrazine**
USE hydrazine perchlorates
- perchlorates, hydroxylammonium**
USE hydroxylammonium perchlorates
- perchlorates, lithium**
USE lithium perchlorates
- perchlorates, magnesium**
USE magnesium perchlorates
- perchlorates, potassium**
USE potassium perchlorates
- perchloric acid**
- perchloryl fluorides**
- percolation**
- Percus method**
- percussion**
- perfect gas**
USE ideal gas
- perfluoro compounds**
- perfluoroalkane**
- perfluoroguanidine**
- perforated plates**
- perforated shells**
- perforating**
- perforation**
- performance**
- performance, aircraft**
USE aircraft performance
- performance, astronaut**
USE astronaut performance
- performance, computer systems**
USE computer systems performance
- performance, flight**
USE flight characteristics
- performance, helicopter**
USE helicopter performance
- performance, human**
USE human performance
- performance, mental**
USE mental performance
- performance, operator**
USE operator performance
- performance, pilot**
USE pilot performance
- performance prediction**
- performance, propulsion system**
USE propulsion system performance
- performance, psychomotor**
USE psychomotor performance
- performance, sensorimotor**
USE sensorimotor performance
- performance, spacecraft**
USE spacecraft performance
- performance tests**
- perfusion**
USE diffusion
- periclast**
- peridotite**
- perigee-apogee satellites**
USE PAS
- perigees**
- perihelions**
- perilunes**
- Period, Cambrian**
USE Cambrian Period
- Period, Cretaceous**
USE Cretaceous Period
- period doubling**
- period equations**
USE periodic functions
- period, pre-Imbrian**
USE pre-Imbrian period
- period, Precambrian**
USE Precambrian period
- period, refractory**
USE refractory period
- Period, Tertiary**
USE Tertiary Period
- period variables, long**
USE Mira variables
- periodic antennas, log**
USE log periodic antennas
- periodic functions**
- periodic orbits**
USE orbits
- periodic processes**
USE cycles
- periodic variations**
- periodicals**
- periodicity**
USE periodic variations
- periodicity (biology)**
USE rhythm (biology)
- peripheral circulation**
- peripheral equipment (computers)**
- peripheral jet flow**
- peripheral nervous system**
- peripheral vision**
- peripheries**
USE boundaries
- periscopes**
- peritoneum**
- permafrost**
- Permalloys (trademark)**
- permanent magnets**
- permanganates**
- permeability**
- permeability, dielectric**
USE dielectric permeability
- permeability, magnetic**
USE magnetic permeability
- permeating**
- permeation chromatography, gel**
USE liquid chromatography
- permissivity**
- permittivity**
- permutations**
- Perot interferometers, Fabry-**
USE Fabry-Perot interferometers
- Perot lasers, Fabry-**
USE lasers
- Perot spectrometers, Fabry-**
USE Fabry-Perot spectrometers
- perovskites**
- peroxide, hydrogen**
USE hydrogen peroxide
- peroxides**
- peroxides, inorganic**
USE inorganic peroxides
- peroxides, organic**
USE organic peroxides
- peroxides, potassium**
USE potassium peroxides
- peroxides, sodium**
USE sodium peroxides
- Perseid meteoroids**
- Pershing missile**
- Persian Gulf**
- personal computers**
- personal computers, IBM**
USE IBM personal computers
- personal computers, Macintosh**
USE Macintosh personal computers
- personality**

personality tests

personality tests

personnel

(personnel), air traffic controllers
USE air traffic controllers (personnel)

personnel development

personnel, enemy
USE enemy personnel

personnel, flying
USE flying personnel

personnel management

personnel, medical
USE medical personnel

(personnel), operators
USE operators (personnel)

(personnel), pilots
USE pilots (personnel)

personnel propulsion systems
USE self maneuvering units

personnel selection

personnel subsystems

Perspex (trademark)

perspiration

PERT

perturbation

perturbation flow, small
USE small perturbation flow

perturbation, lunar
USE lunar effects

perturbation, orbit
USE orbit perturbation

perturbation, plasma
USE plasma oscillations

perturbation, satellite
USE satellite perturbation

perturbation, secular
USE long term effects

perturbation theory

Peru

perveance

pesticides

petals

petechia

PETN

Petrel sounding rocket

Petri nets

petrography

petroleum
USE crude oil

petroleum products

petrology

Pfaff equation

PFM (modulation)
USE pulse frequency modulation

pH

pH factor

phantastrons

Phantom aircraft

pharmacology

pharmacology, psycho
USE psychopharmacology

pharynx

phase angle
USE phase shift

phase change materials

phase coherence

phase conjugation

phase contrast

phase control

phase demodulators

phase detectors

phase deviation

phase diagrams

phase epitaxy, liquid
USE liquid phase epitaxy

phase epitaxy, vapor
USE vapor phase epitaxy

phase error

phase flow, one-
USE single-phase flow

phase flow, single-
USE single-phase flow

phase flow, two
USE two phase flow

phase lock demodulators

phase locked systems

phase matching

phase modulation

phase response
USE phase shift
frequency response

phase rule

phase separation (materials)

phase shift

phase shift circuits

(phase shift circuits), circulators
USE circulators (phase shift circuits)

phase shift keying

phase shift keying, binary
USE binary phase shift keying

phase shift keying, quadrature
USE quadrature phase shift keying

phase sintering, liquid
USE liquid phase sintering

phase stability (materials)

phase switching interferometers

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phase systems, two
USE binary systems (materials)

phase transformations

phase velocity

phase-space integral

phased arrays

phases

phases, gas
USE vapor phases

phases, liquid
USE liquid phases

phases, lunar
USE lunar phases

phases, solid
USE solid phases

phases, vapor
USE vapor phases

phenacetin
USE acetanilide

phenanthrene

phenobarbital

phenol formaldehyde

phenolic composites, carbon-
USE carbon-phenolic composites

phenolic epoxy resins

phenolic resins

phenology

phenols

phenols, bis
USE bisphenols

phenomena, medical
USE medical phenomena

phenomena, mesoscale
USE mesoscale phenomena

phenomenological coefficient, Onsager
USE Onsager phenomenological coefficient

phenomenology

phenomenon, chorus
USE dawn chorus

phenomenon), chorus (dawn
USE dawn chorus

phenomenon, Gibbs
USE Gibbs phenomenon

phenomenon, Leidenfrost
USE Leidenfrost phenomenon

phenothiazines

phenylalanine

phenyls

phenyls, poly
USE polyphenyls

phenyls, tetra
USE tetraphenyls

phenyls, tri
USE triphenyls

Philco 2000 computer

- Philippines
- Phillips ionization gages
- Philosophers Problem, Dining
USE Dining Philosophers Problem
- philosophy
- phloroglucinol
- phobias
- Phobos
- Phoebe
- Phoebus nuclear reactor
- Phoenix (AZ)
- Phoenix quadrangle (AZ)
- Phoenix sounding rocket
- phonemes
- phonemics
- phonetics
- phonoarteriography
- phonocardiograms
USE phonocardiography
- phonocardiography
- phonon beams
- phonon interactions, electron
USE electron phonon interactions
- phonons
- phoria
- phosgene
- phosphates
- phosphates, ammonium
USE ammonium phosphates
- phosphates, calcium
USE calcium phosphates
- phosphates, di
USE diphosphates
- phosphates, indium
USE indium phosphates
- phosphates, potassium
USE potassium phosphates
- phosphazene
- phosphene
- phosphides
- phosphides, boron
USE boron phosphides
- phosphides, gallium
USE gallium phosphides
- phosphides, indium
USE indium phosphides
- phosphides, manganese
USE manganese phosphides
- phosphines
- phosphite (DEHP), diethyl hydrogen
USE diethyl hydrogen phosphite (DEHP)
- phosphonitriles
- phosphonium compounds
- phosphorescence
- phosphoric acid
- phosphoric acid fuel cells
- phosphors
- phosphors, radio
USE radiophosphors
- phosphorus
- phosphorus compounds
- phosphorus compounds, organic
USE organic phosphorus compounds
- phosphorus isotopes
- phosphorus metabolism
- phosphorus oxides
- phosphorus polymers
- phosphorus 32
- phosphorylation
- photics
- photo reconnaissance spacecraft
- photoabsorption
- photoacoustic microscopy
- photoacoustic spectroscopy
- photocathodes
- photocells
USE photoelectric cells
- photochemical oxidants
- photochemical reactions
- photochemistry
USE photochemical reactions
- photochromism
- photoclinometry
USE photogrammetry
- photoconductive cells
- photoconductivity
- photoconductors
- photocurrents
USE photoelectric emission
electric current
- photodecomposition
- photodetachment
- photodetectors
USE photometers
- photodiodes
- photodissociation
- photoelastic analysis
- photoelastic materials
- photoelastic stress measurement
USE photoelastic analysis
- photoelasticity
- photoelectric cathodes
USE photocathodes
- photoelectric cells
- photoelectric effect
- photoelectric emission
- photoelectric generators
- photoelectric materials
- photoelectric photometers
USE electrophotometers
- photoelectricity
- photoelectrochemical devices
- photoelectrochemistry
- photoelectromagnetic detectors
USE photoelectromagnetic effects
radiation measuring instruments
- photoelectromagnetic effects
- photoelectron spectroscopy
- photoelectronics
USE photoelectricity
electronics
- photoelectrons
- photoemission
USE photoelectric emission
- photoemissivity
USE photoelectric emission
emissivity
- photoemitters
USE photoelectric materials
- photoengraving
- photoexcitation
- photogeology
- photgoniometers
- photogrammetry
- photograph interpretation
USE photointerpretation
- photographic developers
- photographic emulsions
- photographic equipment
- photographic film
- photographic measurement
- photographic plates
- photographic processing
- photographic processing equipment
- photographic recording
- photographic rectifiers
- photographic tracking
- photographs
- photographs, cloud
USE cloud photographs
- photographs, lunar
USE lunar photographs

photographs, Mars

photographs, Mars

USE Mars photographs

photographs, micro

USE microphotographs

photography

photography, aerial

USE aerial photography

photography, all sky

USE all sky photography

photography, astronomical

USE astronomical photography

photography, black and white

USE black and white photography

photography, chrono

USE chronophotography

photography, cloud

USE cloud photography

photography, color

USE color photography

photography, color infrared

USE color infrared photography

(photography), developers

USE photographic developers

photography, electro-optical

USE electro-optical photography

photography, electron

USE electron photography

photography, electronic

USE electro-optical photography

photography, frame

USE frame photography

photography, high speed

USE high speed photography

photography, infrared

USE infrared photography

photography, lunar

USE lunar photography

photography, metric

USE metric photography

photography, microwave

USE microwave photography

photography, multispectral

USE multispectral photography

photography, ortho

USE orthophotography

photography, radar

USE radar photography

photography, rocket-borne

USE rocket-borne photography

photography, satellite-borne

USE satellite-borne photography

photography, Schlieren

USE Schlieren photography

photography, shadowgraph

USE shadowgraph photography

photography, space

USE spaceborne photography

photography, spaceborne

USE spaceborne photography

photography, spark shadowgraph

USE shadowgraph photography

photography, spectro

USE spectrophotography

photography, stereo

USE stereophotography

photography, stereoscopic

USE stereophotography

photography, streak

USE streak photography

photography, time lapse

USE chronophotography

photography, ultraviolet

USE ultraviolet photography

photography, underwater

USE underwater photography

photointerpretation

photoionization

photolithography

photoluminescence

photoluminescent bands

photolysis

photomagnetic effects

photomapping

photomaps

photomasks

photomechanical effect

photometers

photometers, electro

USE electrophotometers

photometers, photoelectric

USE electrophotometers

photometers, spectro

USE spectrophotometers

photometry

photometry, astronomical

USE astronomical photometry

photometry, electro

USE electrophotometry

photometry, infrared

USE infrared photometry

photometry, spectro

USE spectrophotometry

photometry, tele

USE telephotometry

photometry, ultraviolet

USE ultraviolet photometry

photometry, visual

USE visual photometry

photomicrographs

photomicrography

photomultiplier tubes

photomultipliers, frequency modulation

USE frequency modulation photomultipliers

photon absorptiometry

photon beams

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photon cascades, electron

USE electron photon cascades

photon coherent states, two

USE squeezed states (quantum theory)

photon density

photon-electron interaction

photoneutrons

photonic propulsion

photonic switching

USE optical switching

photonics

photons

photonuclear reactions

photooxidation

photopeak

photophilic plants

photophoresis

photoplasticity

photoproduction

photoreceptors

photoreconnaissance

photoreduction

USE photochemical reactions

photoresistivity

USE photoconductivity

photoresistors

USE photoconductors

photosensitivity

photosensors

USE photoelectricity
radiation measuring instruments

photosphere

photostresses

photosynthesis

photothermal conversion

photothermotropism

USE phototropism
anisotropy
temperature effects

phototransistors

phototropism

phototubes

phototubes, multiplier

USE photomultiplier tubes

photoviscoelasticity

photovoltages

photovoltaic cells

photovoltaic conversion

photovoltaic effect

photovoltaics, spectro

USE spectrophotovoltaics

phreatophytes

- phthalate, tere**
USE terephthalate
- phthalates**
- phthalocyanin**
- phugoid oscillations**
USE pitch (inclination)
oscillations
- phyloquinone**
- physical chemistry**
- physical constants testing reactor**
USE nuclear research and test reactors
water cooled reactors
- physical endurance**
USE physical fitness
- physical examinations**
- physical exercise**
- physical factors**
- physical fitness**
- physical optics**
- physical properties**
- physical sciences**
- physical work**
- physicians**
- physics**
- (physics), acceleration**
USE acceleration (physics)
- Physics and Chemistry Experiment in Space**
- Physics Applications Program, Earth & Ocean**
USE Earth & Ocean Physics Applications Program
- physics, astro**
USE astrophysics
- physics, atmospheric**
USE atmospheric physics
- physics, atomic**
USE atomic physics
- physics, bio**
USE biophysics
- (physics), branching**
USE branching (physics)
- physics, charm (particle)**
USE charm (particle physics)
- physics, cloud**
USE cloud physics
- physics, color (particle)**
USE quantum chromodynamics
- physics, combustion**
USE combustion physics
- physics, condensed matter**
USE condensed matter physics
- physics, electro**
USE electrophysics
- physics, electron runaway (plasma)**
USE electron runaway (plasma physics)
- (physics), field theory**
USE field theory (physics)
- physics, filaments (solar)**
USE solar prominences
- physics, flavor (particle)**
USE flavor (particle physics)
- physics, geo**
USE geophysics
- physics, health**
USE health physics
- Physics Lab (Spacelab), Atmospheric Cloud**
USE Atmospheric Cloud Physics Lab (Spacelab)
- physics, low temperature**
USE low temperature physics
- (physics), magnetomechanics**
USE magnetomechanics (physics)
- (physics), matter**
USE matter (physics)
- (physics), mechanics**
USE mechanics (physics)
- physics, molecular**
USE molecular physics
- physics, neutron**
USE neutron physics
- physics, nuclear**
USE nuclear physics
- physics, nuclei (nuclear)**
USE nuclei (nuclear physics)
- physics, plasma**
USE plasma physics
- (physics), plasmas**
USE plasmas (physics)
- physics, polymer**
USE polymer physics
- physics, psycho**
USE psychophysics
- physics, quenching (atomic)**
USE quenching (atomic physics)
- physics, radio**
USE radio physics
- physics, reactor**
USE reactor physics
- physics, reentry**
USE reentry physics
- Physics Research Reactor, Health**
USE Health Physics Research Reactor
- physics, rigid rotors (plasma)**
USE rigid rotors (plasma physics)
- physics, selection rules (nuclear)**
USE selection rules (nuclear physics)
- physics, solar**
USE solar physics
- physics, solid state**
USE solid state physics
- physics, stellar**
USE stellar physics
- physics, theoretical**
USE theoretical physics
- physiochemistry**
- physiography**
USE geomorphology
- physiological acceleration**
- physiological defenses**
- physiological effects**
- physiological factors**
- physiological responses**
- physiological telemetry**
USE biotelemetry
- physiological tests**
- physiology**
- (physiology), acceleration stresses**
USE acceleration stresses (physiology)
- (physiology), bends**
USE decompression sickness
- (physiology), blackout**
USE blackout (physiology)
- physiology, electro**
USE electrophysiology
- physiology, exercise**
USE exercise physiology
- physiology, gravitational**
USE gravitational physiology
- physiology, neuro**
USE neurophysiology
- physiology, psycho**
USE psychophysiology
- (physiology), receptors**
USE receptors (physiology)
- (physiology), regeneration**
USE regeneration (physiology)
- (physiology), relaxation**
USE relaxation (physiology)
- physiology, respiratory**
USE respiratory physiology
- (physiology), shock**
USE shock (physiology)
- (physiology), stress**
USE stress (physiology)
- (physiology), tolerances**
USE tolerances (physiology)
- physiology, underwater**
USE underwater physiology
- phytoplankton**
- phytotrons**
- pi-electrons**
- Piaggio aircraft**
- Piaggio P-166 aircraft**
USE P-166 aircraft
- Piaggio-Douglas PD-808 aircraft**
USE PD-808 aircraft
- Piasecki aircraft**
- pickling (metallurgy)**
- pickoffs**
USE sensors
- pickups**
USE sensors
- picosecond pulses**
- picrates**
- picrates, ammonium**
USE ammonium picrates

picture elements

picture elements

USE pixels

(picture transmission), APT

USE automatic picture transmission

picture transmission, automatic

USE automatic picture transmission

picture tubes

pictures, motion

USE motion pictures

PIDV (velocimetry)

USE particle image velocimetry

Piedmont (US), Central

USE Central Piedmont (US)

piecemonts

piercing

plers

USE wharves

piezoelectric ceramics

piezoelectric crystals

piezoelectric gages

piezoelectric transducers

piezoelectricity

piezometers

piezoresistive transducers

pigeons

piggyback systems

pigments

pigments, visual

USE visual pigments

pigs, guinea

USE guinea pigs

pigs (swine)

USE swine

Pike's Peak (CO)

pile foundations

piles

piles, thermo

USE thermopiles

pillows

pilocarpine

pilot advisory system, automated

USE automated pilot advisory system

pilot error

pilot induced oscillation

pilot landing aid television system

USE PLAT system

pilot performance

pilot plants

pilot selection

pilot training

piloted centrifuges

USE human centrifuges

piloted vehicles, remotely

USE remotely piloted vehicles

pitotless aircraft

pilots

pilots, aircraft

USE aircraft pilots

pilots, automatic

USE automatic pilots

pilots, jet

USE aircraft pilots

pilots (personnel)

pilots, test

USE test pilots

pinch effect

pinch, plasma

USE plasma pinch

pinch, reverse field

USE reverse field pinch

pinch, screw

USE screw pinch

pinch, theta

USE theta pinch

pinch, zeta

USE zeta pinch

pineal gland

pinhole cameras

Pinhole Occulter Facility

pinholes

pinnacles

USE peaks (landforms)

pinning

pinning, flux

USE flux pinning

pins

pintles

pion beams

Pioneer F space probe

USE Pioneer 10 space probe

Pioneer G space probe

USE Pioneer 11 space probe

Pioneer project

Pioneer Saturn spacecraft

USE Pioneer 11 space probe

Pioneer space probes

Pioneer Venus Orbiter

USE Pioneer Venus 1 spacecraft

Pioneer Venus spacecraft

Pioneer Venus 1 spacecraft

Pioneer Venus 2 entry probes

Pioneer Venus 2 Multiprobe spacecraft

USE Pioneer Venus 2 spacecraft

Pioneer Venus 2 night probe

Pioneer Venus 2 sounder probe

Pioneer Venus 2 spacecraft

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Pioneer Venus 2 transporter bus

Pioneer 1 space probe

Pioneer 2 space probe

Pioneer 3 space probe

Pioneer 4 lunar probe

USE Pioneer 4 space probe

Pioneer 4 space probe

Pioneer 5 space probe

Pioneer 6 space probe

Pioneer 7 space probe

Pioneer 8 space probe

Pioneer 9 space probe

Pioneer 10 space probe

Pioneer 11 space probe

Pioneer 12 space probe

USE Pioneer Venus spacecraft

plons

pipe flow

pipe nozzles

pipelines

pipelining (computers)

Piper aircraft

piperidine

pipes, gas

USE gas pipes

pipes, heat

USE heat pipes

pipes (tubes)

pipettes

piracy, air

USE air piracy

Pirani gages

piston engines

piston engines, free-

USE free-piston engines

piston theory

pistons

pistons, magnetic

USE magnetic pistons

pitch

pitch angles

USE pitch (inclination)

pitch attitude control

USE longitudinal control

pitch, damping in

USE pitch (inclination)
damping

pitch (inclination)

pitch (material)

pitch propellers, variable

USE variable pitch propellers

pitching moments

pitot tubes

pits

pits (excavations)

pitting

pituitary gland

pituitary hormones

PIV (velocimetry)

USE particle image velocimetry

pivoted wing aircraft

USE tilt wing aircraft

pivots

PIX

USE plasma interaction experiment

pixels

PL/1

placement, dis

USE displacement

plages (faculae)

USE faculae

plains

plains, coastal

USE coastal plains

Plains Corridor (North America), Great

USE Great Plains Corridor (North America)

plains, flood

USE flood plains

plan, payload integration

USE payload integration plan

plan position indicators

planar structures

Planck equation, Fokker-

USE Fokker-Planck equation

Plancks constant

Plane Area Twin Hull, Small Water

USE SWATH (ship)

plane arrays, focal

USE focal plane devices

plane, Astro

USE Astroplane

plane devices, focal

USE focal plane devices

Plane Program, National Aerospace

USE National Aerospace Plane Program

plane strain

plane stress

plane waves

planes, aerospace

USE aerospace planes

planes, bi

USE biplanes

planes, half

USE half planes

planes, hyper

USE hyperplanes

planes, mono

USE monoplanes

planes, rocket

USE rocket planes

planes, tail

USE horizontal tail surfaces

(planet), Earth

USE Earth (planet)

planet ephemerides

(planet), Jupiter

USE Jupiter (planet)

(planet), Mars

USE Mars (planet)

(planet), Mercury

USE Mercury (planet)

planet missions, outer

USE Grand Tours

(planet), Neptune

USE Neptune (planet)

planet origins

USE planetary evolution

(planet), Pluto

USE Pluto (planet)

(planet), Saturn

USE Saturn (planet)

planet spacecraft, outer

USE outer planets explorers

planet spacecraft, thermoelectric outer

USE TOPS (spacecraft)

(planet), Uranus

USE Uranus (planet)

(planet), Venus

USE Venus (planet)

Planet 1221, Minor

USE Amor asteroid

Planet 2060, Minor

USE Chiron

planetariums

planetary atmospheres

planetary bases

planetary boundary layer

planetary composition

planetary cores

planetary craters

planetary crusts

planetary entry

USE atmospheric entry

planetary environments

planetary evolution

planetary exploration

USE space exploration

planetary explorer

USE outer planets explorers

planetary geology

planetary gravitation

planetary interactions, solar

USE solar planetary interactions

planetary ionospheres

planetary landing

planetary limb

planetary magnetic fields

planetary magnetospheres

planetary magnetotails

planetary mantles

planetary mapping

planetary mass

planetary meteorology

planetary motion

USE solar orbits

planetary nebulae

planetary orbits

planetary quakes

planetary quarantine

planetary radiation

planetary rings

planetary rotation

planetary satellites

USE natural satellites

planetary space flight

USE interplanetary flight

planetary spacecraft

USE interplanetary spacecraft

planetary structure

planetary structure, Earth

USE Earth planetary structure

planetary surfaces

planetary systems

planetary temperature

planetary waves

planetesimals

USE protoplanets

planetocentric coordinates

planetology

planets

planets explorers, outer

USE outer planets explorers

planets, extrasolar

USE extrasolar planets

planets, gas giant

USE gas giant planets

planets, minor

USE asteroids

planets, proto

USE protoplanets

planets, terrestrial

USE terrestrial planets

planforms

planforms, rectangular

USE rectangular planforms

planforms, wing

planforms, wing

USE wing planforms

planigraphy

USE tomography

planing

planing, hydro

USE hydroplaning

planispheres

plankton

plankton bloom

USE plankton

planning

planning, airport

USE airport planning

planning, management

USE management planning

planning, mission

USE mission planning

planning, path

USE trajectory planning

planning, production

USE production planning

planning, project

USE project planning

planning, regional

USE regional planning

planning (robotics), task

USE task planning (robotics)

Planning System, NASA Interactive

USE NASA Interactive Planning System

planning, trajectory

USE trajectory planning

planning, urban

USE urban planning

planotrons

plans

plans, flight

USE flight plans

plant design

plant diseases

plant, Enrico Fermi atomic power

USE Enrico Fermi atomic power plant

plant, ML-1 nuclear power

USE ML-1 nuclear power plant

plant roots

plant stress

plantar tissues

planting

plants, aquatic

USE aquatic plants

plants (botany)

plants, diatoms (unicellular)

USE algae

plants, electric power

USE electric power plants

plants, fuel cell power

USE fuel cell power plants

plants, industrial

USE industrial plants

plants (industries)

USE industrial plants

plants, leguminous

USE leguminous plants

plants, nuclear power

USE nuclear power plants

plants, photophilic

USE photophilic plants

plants, pilot

USE pilot plants

plants, power

USE power plants

(plants), reeds

USE reeds (plants)

plants, solar sea power

USE solar sea power plants

plants, solar thermal electric power

USE solar thermal electric power plants

plants, thermophilic

USE thermophilic plants

(plants), trees

USE trees (plants)

plasma acceleration

plasma accelerator, Cyclops

USE Cyclops plasma accelerator

plasma accelerators

plasma accelerators, coaxial

USE coaxial plasma accelerators

plasma amplifiers, beam

USE beam plasma amplifiers

plasma antennas

plasma arc cutting

plasma arc spraying

USE arc spraying

plasma arc welding

plasma arcs

USE plasma jets

plasma, argon

USE argon plasma

plasma avalanche triggered transit, trapped

USE TRAPATT devices

plasma, blood

USE blood plasma

plasma bubbles

plasma, cesium

USE cesium plasma

plasma chemistry

plasma clouds

plasma composition

plasma compression

plasma conductivity

plasma confinement

USE plasma control

plasma control

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(plasma control), thermal barriers

USE thermal barriers (plasma control)

plasma cooling

plasma core reactors

plasma, cosmic

USE cosmic plasma

plasma currents

plasma cylinders

plasma decay

plasma density

plasma, deuterium

USE deuterium plasma

plasma devices, alpha

USE alpha plasma devices

plasma diagnostics

plasma diffusion

plasma diodes

plasma discharges

USE plasma jets

plasma dispersion

USE plasma diffusion

plasma display devices

plasma drift

plasma dynamics

plasma electrodes

plasma, electron

USE electron plasma

plasma, electrostatic

USE plasmas (physics)

plasma engines

plasma engines, two stage

USE two stage plasma engines

plasma equilibrium

plasma etching

plasma flow

USE magnetohydrodynamic flow

plasma flux measurement

plasma focus

plasma frequencies

plasma generation

USE plasma generators

plasma generators

plasma guns

plasma H/V interaction experiments, space

USE sphinx

plasma heating

plasma, helium

USE helium plasma

plasma, hydrogen

USE hydrogen plasma

plasma instability

USE magnetohydrodynamic stability

plasma interaction experiment

plasma interactions

plasma interactions, laser
USE laser plasma interactions

plasma jet synthesis**plasma jet wind tunnels****plasma jets****plasma layers****plasma lifetime****plasma loss**

plasma, magnetotonic
USE plasmas (physics)

plasma, nitrogen
USE nitrogen plasma

plasma oscillations

plasma, oxygen
USE oxygen plasma

plasma perturbation
USE plasma oscillations

plasma physics

(plasma physics), electron runaway
USE electron runaway (plasma physics)

(plasma physics), rigid rotors
USE rigid rotors (plasma physics)

plasma pinch**plasma potentials****plasma power sources****plasma pressure****plasma probes**

plasma probes, microwave
USE microwave plasma probes

plasma propulsion**plasma pumping****plasma radiation**

plasma (radiation), solar
USE solar wind

plasma renin activity
USE immunoassay

plasma resonance

plasma rings
USE toroidal plasmas

plasma sheaths**plasma slabs**

plasma sound waves
USE plasma waves
magnetohydrodynamic waves

plasma spectra**plasma spraying**

plasma stability
USE magnetohydrodynamic stability

plasma temperature

plasma theory
USE plasma physics

plasma torches**plasma turbulence****plasma waves****plasma-electromagnetic interaction****plasma-particle interactions****plasmadynamic lasers**

plasmadynamics, magneto
USE magnetoplasmadynamics

plasmaguides**plasmopause**

plasmas, boundary layer
USE boundary layer plasmas

plasmas, cold
USE cold plasmas

plasmas, collisional
USE collisional plasmas

plasmas, collisionless
USE collisionless plasmas

plasmas, cylindrical
USE cylindrical plasmas

plasmas, dense
USE dense plasmas

plasmas, electron-positron
USE electron-positron plasmas

plasmas, elliptical
USE elliptical plasmas

plasmas, high temperature
USE high temperature plasmas

plasmas, hot
USE high temperature plasmas

Plasmas in Earth Neighborhood, Origin of
USE OPEN Project

plasmas, ionized
USE plasmas (physics)

plasmas, laser
USE laser plasmas

plasmas, low temperature
USE cold plasmas

plasmas, metallic
USE metallic plasmas

plasmas, micro
USE microplasmas

plasmas, nonequilibrium
USE nonequilibrium plasmas

plasmas, nonuniform
USE nonuniform plasmas

plasmas (physics)

plasmas, rarefied
USE rarefied plasmas

plasmas, relativistic
USE relativistic plasmas

plasmas, rotating
USE rotating plasmas

plasmas, semiconductor
USE semiconductor plasmas

plasmas, space
USE space plasmas

plasmas, spherical
USE spherical plasmas

plastics, glass fiber reinforced

plasmas, strongly coupled
USE strongly coupled plasmas

(plasmas), tearing modes
USE tearing modes (plasmas)

plasmas, thermal
USE thermal plasmas

plasmas, toroidal
USE toroidal plasmas

plasmas, uranium
USE uranium plasmas

plasmas-in-space payload
USE AMPS (satellite payload)

plasmasphere**plasmatrons**

plasmatrons, duo
USE duoplasmatrons

plasmoids
USE plasmas (physics)

plasmolysis**plasmons****plasters****plastic aircraft structures****plastic anisotropy****plastic bodies****plastic coatings****plastic deformation**

plastic films
USE polymeric films

plastic flow**plastic memory****plastic plates****plastic propellants****plastic properties****plastic shells****plastic tapes**

plastic yielding
USE plastic deformation

plasticity
USE plastic properties

plasticity, elasto
USE elastoplasticity

plasticity, photo
USE photoplasticity

plasticity, super
USE superplasticity

plasticity, thermo
USE thermoplasticity

plasticity, visco
USE viscoplasticity

plasticizers**plastics**

plastics, carbon fiber reinforced
USE carbon fiber reinforced plastics

plastics, glass fiber reinforced
USE glass fiber reinforced plastics

plastics, reinforced

plastics, reinforced
USE reinforced plastics

plastics, thio
USE thioplastics

plastisols

PLAT system

plate, boiler
USE boiler plate

plate, gold
USE gold coatings

plate (metal)
USE metal plates

plate, nickel
USE nickel plate

plate theory

Plateau (US), Allegheny
USE Allegheny Plateau (US)

Plateau (US), Colorado
USE Colorado Plateau (US)

plateaus

platelets

platens

plates

plates, anisotropic
USE anisotropic plates

plates, annular
USE annular plates

plates, cantilever
USE cantilever plates

plates, circular
USE circular plates

plates, corrugated
USE corrugated plates

plates, elastic
USE elastic plates

plates, end
USE end plates

plates, flat
USE flat plates

plates, metal
USE metal plates

plates, microchannel
USE microchannel plates

plates, multichannel
USE microchannel plates

plates, nonisotropic
USE anisotropic plates

plates (optics), scatter
USE scatter plates (optics)

plates, orthotropic
USE orthotropic plates

plates, parallel
USE parallel plates

plates, perforated
USE perforated plates

plates, photographic
USE photographic plates

plates, plastic
USE plastic plates

plates, porous
USE porous plates

plates, rectangular
USE rectangular plates

plates, reinforced
USE reinforced plates

plates (structural members)

plates (tectonics)

plates, thick
USE thick plates

plates, thin
USE thin plates

Platform, Interplanetary Monitoring
USE IMP

platform stability, flying
USE aerodynamic stability
flying platforms

platforms

platforms, data collection
USE data collection platforms

platforms, flying
USE flying platforms

platforms, geostationary
USE synchronous platforms

platforms, inertial
USE inertial platforms

platforms, ocean data
USE ocean data acquisitions systems

platforms, offshore
USE offshore platforms

platforms, space
USE space platforms

platforms, space station polar
USE space station polar platforms

platforms (space stations), polar
USE space station polar platforms

platforms), SPAS (ESA
USE Shuttle pallet satellites

platforms, stabilized
USE stabilized platforms

platforms, synchronous
USE synchronous platforms

plating

plating, electro
USE electroplating

plating, flame
USE flame plating

plating, ion
USE ion plating

platinum

platinum alloys

platinum black

platinum compounds

platinum isotopes

platinum oxides

playas

playbacks

NASA THESAURUS VOLUME 2

Pleiades cluster

plenum chambers

plethysmography

plethysmography, electro
USE electroplethysmography

pleurae

pleurotin

plexiglass (trademark)
USE polymethyl methacrylate

plies
USE layers

plots

plotters

plotters, x-y
USE x-y plotters

plotting

plotting instruments
USE plotters

plowed fields
USE farmlands

plowing

plows

PLSS
USE portable life support systems

plug nozzles

plugging

plugs

plugs, spark
USE spark plugs

Plum Brook Reactor

plumage

plumbane
USE metal hydrides
lead compounds

plumes

plungers

plus solid zones, liquid
USE mushy zones

Pluto atmosphere

Pluto (planet)

Pluto reactors

plutonium

plutonium alloys

plutonium carbides
USE plutonium compounds

plutonium compounds

plutonium fluorides

plutonium isotopes

plutonium oxides

Plutonium Reactor, Los Alamos Molten
USE Los Alamos Molten Plutonium Reactor

plutonium recycle test reactor

plutonium 238

plutonium 239

plutonium 240

plutonium 241

plutonium 244

pluviographs

USE recording instruments
rain gages

ply orientation

plywood

Pm

USE promethium

pneumatic circuits

pneumatic control

pneumatic equipment

pneumatic probes

pneumatic reset

USE pneumatic control

pneumatics

pneumographs

USE pneumography

pneumography

pneumonia

pneumothorax

pnictides

USE Group 5A compounds

Po

USE polonium

Pockels effect

USE birefringence

pocket mice

pockets, gas

USE gas pockets

pods (external stores)

POGO

POGO effects

Pohlhausen method

Pohlhausen solution

USE Pohlhausen method

polkilothermia

Poincare problem

Poincare spheres

point arithmetic, fixed

USE fixed point arithmetic

point arithmetic, floating

USE floating point arithmetic

point communication, point to

USE point to point communication

point, critical

USE critical point

point defects

point, dew

USE dew point

point energy, zero

USE zero point energy

point, fire

USE fire point

point, flash

USE flash point

point impact

point matching method (mathematics)

USE boundary value problems

point, mirror

USE mirror point

point sources

point spread functions

point, stagnation

USE stagnation point

point to point communication

point, yield

USE yield point

pointers

USE dials

pointing control systems

pointing system, annular suspension and

USE annular suspension and pointing system

points

points, conjugate

USE conjugate points

points, freezing

USE melting points

points (game theory), saddle

USE saddle points (game theory)

points, inflection

USE inflection points

points, Lagrangian equilibrium

USE Lagrangian equilibrium points

points (mathematics)

points (mathematics), fixed

USE fixed points (mathematics)

points, melting

USE melting points

points, saddle

USE saddle points

points, transition

USE transition points

Poiseuille flow

USE laminar flow

poisoning

poisoning, benzene

USE benzene poisoning

poisoning, beryllium

USE beryllium poisoning

poisoning, carbon monoxide

USE carbon monoxide poisoning

poisoning, carbon tetrachloride

USE carbon tetrachloride poisoning

poisoning, hydrocarbon

USE hydrocarbon poisoning

poisoning, lead

USE lead poisoning

poisoning (reaction inhibition)

poisoning (toxicology)

USE toxic diseases

poisons

Poisson density function

USE Poisson density functions

Poisson density functions

Poisson equation

poisson process

USE Poisson density functions

Poisson process

USE stochastic processes

Poisson ratio

Polaire satellite

USE D-2 satellites

Poland

polar auroras

USE auroras

polar cap absorption

polar caps

polar coordinates

polar cusps

polar gases

polar ionosphere beacon

USE Beacon satellites

polar meteorology

Polar Mission, International Solar

USE Ulysses mission

polar navigation

Polar Orbit Geophysical Observatory

USE POGO

polar orbits

polar platforms, space station

USE space station polar platforms

polar platforms (space stations)

USE space station polar platforms

polar radio blackout

polar regions

Polar Spur (astronomy), North

USE North Polar Spur (astronomy)

polar substorms

polar wandering (geology)

polarimeters

polarimetry

polarimetry, astronomical

USE astronomical polarimetry

Polaris A1 missile

Polaris A2 missile

Polaris A3 missile

polaris missiles

Polaris submarines

USE guided missile submarines

polariscopes

polariscopes

polariscopes, Senarmont
USE Senarmont polariscopes

polaritons

polarity

polarization

polarization characteristics

polarization (charge separation)

polarization charts
USE polarization (waves)
graphs (charts)

polarization, circular
USE circular polarization

polarization, cross
USE cross polarization

polarization, de
USE depolarization

polarization, dielectric
USE dielectric polarization

polarization, electrolytic
USE electrolytic polarization

polarization, elliptical
USE elliptical polarization

polarization, linear
USE linear polarization

polarization, optical
USE optical polarization

polarization (spin alignment)

polarization (waves)

polarized elastic waves

polarized electromagnetic radiation

polarized light

polarized radiation

polarized shear waves, horizontally
USE SH waves

polarizers

polarographs
USE polarography

polarography

polarons

poles

poles, di
USE dipoles

poles, magnetic
USE magnetic poles

poles, mono
USE monopoles

poles, multi
USE multipoles

poles, Regge
USE Regge poles

poles (supports)

police

policies

policy, energy
USE energy policy

policy, foreign
USE foreign policy

policy, patent
USE patent policy

policy, procurement
USE procurement policy

poliomyelitis

Polish TS-11 aircraft
USE TS-11 aircraft

polished metals
USE metal polishing

polishing

polishing, electro
USE electropolishing

polishing, electrolytic
USE electropolishing

polishing, metal
USE metal polishing

polishing, vibratory
USE vibratory polishing

politics

pollen

pollutants
USE contaminants

pollution

pollution, air
USE air pollution

pollution control

pollution, environment
USE environment pollution

pollution, global air
USE global air pollution

pollution, indoor air
USE indoor air pollution

pollution monitoring

pollution, noise
USE noise pollution

pollution, oil
USE oil pollution

pollution, thermal
USE thermal pollution

pollution transport

pollution, water
USE water pollution

poloidal flux

polonium

polonium compounds

polonium isotopes

polonium 208

polonium 209

polonium 210

polyacetylene

polyacrylates
USE acrylic resins

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polyacrylonitrile

(polyacrylonitrile), PAN
USE polyacrylonitrile

polyamide resins

polyatomic gases

polyatomic molecules

polybenzimidazole

polyblends
USE polymer blends

polybrominated biphenyls

polybutadiene

polybutadiene tetranitramine

polycarbonates

polycarbositanes

polychlorinated biphenyls

polycrystals

polycythemia

polyester resins

polyesters

polyether resins

polyetheretherketones
USE PEEK

polyethylene terephthalate

polyethylenes

polygonization

polygons

polyhedrons

polyimide composites, graphite-
USE graphite-polyimide composites

polyimide resins

polyimides

polyisobutylene

polyisoprenes

polymer alloys
USE polymer blends

polymer blends

polymer chemistry

polymer, glycidyl azide
USE glycidyl azide polymer

polymer matrix composites

polymer, metallosiloxane
USE metallosiloxane polymer

polymer, metalloxane
USE metalloxane polymer

polymer physics

polymeric films

polymerization

polymerization, co
USE copolymerization

polymerization, de
USE depolymerization

polymers

polymers, co
USE copolymers

polymers, conducting
USE conducting polymers

polymers, coordination
USE coordination polymers

polymers, fluoro
USE fluoropolymers

polymers, high
USE high polymers

polymers, nitrogen
USE nitrogen polymers

polymers, organometallic
USE organometallic polymers

polymers, phosphorus
USE phosphorus polymers

polymers, pre
USE prepolymers

polymers, silicon
USE silicon polymers

polymers, vinyl
USE vinyl polymers

polymethyl methacrylate

polymorphism

polynomial, Hermitian
USE Hermitian polynomial

polynomials

polynomials, Jacobi
USE hypergeometric functions

polynomials, Legendre
USE Legendre functions

polynuclear organic compounds

polynucleotides

polyorganosiloxanes
USE polysiloxanes

Polyot satellites

polypeptides

polyphenyl ether

polyphenyls

polypropylene

polyquinoxalines

polysaccharides

polysilanes

polysiloxanes

polysiloxanes, methyl
USE methyl polysiloxanes

polysilps

polystation doppler tracking system

polystyrene

polysulfides

polytetrafluoroethylene

polytopes

polytropic processes

polyurethane foam

polyurethane resins

polyvinyl alcohol

polyvinyl chloride

polyvinyl fluoride

polywater

Pomeranchuk theorem

pomerons

ponderomotive forces

ponds

ponds (heat storage), solar
USE solar ponds (heat storage)

Pontchartrain (LA), Lake
USE Lake Pontchartrain (LA)

Pontiac (MI)

pontryagin principle

pool reactors, swimming
USE swimming pool reactors

Pool Type Reactor, Livermore
USE Livermore Pool Type Reactor

population inversion

population theory

populations

porcelain

pores
USE porosity

porosity

porosity, micro
USE microporosity

porous airfoils
USE porous boundary layer control

porous boundary layer control

porous materials

porous plates

porous walls

porphines

porphyra

porphyrins

porpoises

portable equipment

portable life support systems

ports

ports, air
USE airports

ports, heli
USE heliports

ports (openings)

Portugal

Portuguese space program

Poseidon missiles

Poseldon satellite

position

position errors

position estimation, orbital
USE orbital position estimation

position indicators

position indicators, plan
USE plan position indicators

(position indicators), PPI
USE plan position indicators

position indicators, spacecraft
USE spacecraft position indicators

position (location)

position modulation, pulse
USE pulse position modulation

position, prone
USE prone position

position sensing

position, sitting
USE sitting position

position, solar
USE solar position

position, supine
USE supine position

position (title)

(position), tracking
USE tracking (position)

positioning

positioning devices (machinery)

positioning, satellite doppler
USE satellite doppler positioning

positioning system, global
USE global positioning system

positive feedback

positive ions

positron annihilation

positron annihilation, electron-
USE positron annihilation

positron pairs, electron-
USE electron-positron pairs

positron plasmas, electron-
USE electron-positron plasmas

positronium

positrons

Post, Advanced Airborne Command
USE E-4A aircraft

post boost propulsion system

post-blast nuclear radiation

postamplifiers

posterior sections

postflight analysis

postlaunch reports

postlaunch reports

postmission analysis (spacecraft)

postulates

USE axioms

posture

potable liquids

potable water

potassium

potassium alloys

potassium bromides

potassium chlorides

potassium chromates

potassium compounds

potassium hydrides

potassium hydroxides

potassium iodides

potassium isotopes

potassium, liquid

USE liquid potassium

potassium nitrates

potassium oxides

potassium perchlorates

potassium peroxides

potassium phosphates

potassium silicates

potassium 38

potassium 39

potassium 40

potatoes

potential

potential, bioelectric

USE bioelectric potential

potential, Coulomb

USE Coulomb potential

potential, electric

USE electric potential

potential energy

potential fields

potential flow

potential, geo

USE geopotential

potential gradients

potential, gravitational

USE gravitational fields

potential, Klein-Dunham

USE Klein-Dunham potential

potential, Lennard-Jones

USE Lennard-Jones potential

potential, Lienard

USE Lienard potential

potential, Morse

USE Morse potential

potential, nuclear

USE nuclear potential

potential, nucleon

USE nucleon potential

potential theory

potential, Yukawa

USE Yukawa potential

potentials, contact

USE contact potentials

potentials, equi

USE equipotentials

potentials, ionization

USE ionization potentials

potentials, myoelectric

USE myoelectric potentials

potentials, plasma

USE plasma potentials

potentials, pseudo

USE pseudopotentials

potentials, spike

USE spike potentials

potentiometers

potentiometers (instruments)

potentiometers (resistors)

potentiometric analysis

potentiometry

USE potentiometric analysis

Potez aircraft

Potomac River Valley (MD-VA-WV)

potting compounds

pouring

powder, metal

USE metal powder

powder metallurgy

powder (particles)

powder, sintered aluminum

USE sintered aluminum powder

powdered aluminum

powdered metals

USE metal powder

power

power amplifiers

power, beamed

USE power beaming

power beaming

power beaming, laser

USE laser power beaming

power beaming, microwave

USE microwave power beaming

power conditioning

power conversion, electric

USE electric generators

power converters

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power density (electromagnetic)

USE radiant flux density

power efficiency

power, electric

USE electric power

Power Facility, Hallam Nuclear

USE Hallam Nuclear Power Facility

Power Facility, HNPf (Hallam Nuclear

USE Hallam Nuclear Power Facility

power factor controllers

power, fluid

USE fluid power

power gain

power generation, combined cycle

USE combined cycle power generation

power generation, nuclear

USE nuclear electric power generation

power generation, nuclear electric

USE nuclear electric power generation

power generation, solar

USE solar generators

power generation, thermionic

USE thermionic power generation

power generation, thermoelectric

USE thermoelectric power generation

power generation, thermonuclear

USE thermonuclear power generation

power generators

USE electric generators

power generators, direct

USE direct power generators

power, horse

USE horsepower

power lasers, high

USE high power lasers

power limited spacecraft

power limiters

power lines

power loss

power modules (STS)

power plant, Enrico Fermi atomic

USE Enrico Fermi atomic power plant

power plant, ML-1 nuclear

USE ML-1 nuclear power plant

power plants

power plants, electric

USE electric power plants

power plants, fuel cell

USE fuel cell power plants

power plants, nuclear

USE nuclear power plants

power plants, solar sea

USE solar sea power plants

power plants, solar thermal electric

USE solar thermal electric power plants

power processing systems

USE power conditioning

power reactor 2, zero
USE zero power reactor 2

power reactor 3, zero
USE zero power reactor 3

power reactor 6, zero
USE zero power reactor 6

power reactor 9, zero
USE zero power reactor 9

power reactors

power reactors, nuclear
USE nuclear power reactors

power reactors, space
USE space power reactors

power reactors, zero
USE zero power reactors

power, resolving
USE resolution

power satellites, solar
USE solar power satellites

power series

power sources, aircraft
USE aircraft engines

power sources, auxiliary
USE auxiliary power sources

power sources, plasma
USE plasma power sources

power sources, solar
USE solar generators

power spectra

power stations, hydroelectric
USE hydroelectric power stations

power stations, satellite solar
USE satellite solar power stations

power, stopping
USE stopping power

power supplies

power supplies, aircraft
USE aircraft power supplies

power supplies, electric
USE electric power supplies

power supplies, space station
USE space station power supplies

power supplies, spacecraft
USE spacecraft power supplies

power supply circuits

Power, Systems for Nuclear Auxiliary
USE SNAP

power systems, solar dynamic
USE solar dynamic power systems

power, thermal
USE turbogenerators

power, thrust
USE thrust

power, tide
USE tidepower

power transmission

power transmission, electric
USE electric power transmission

power transmission (lasers)
USE laser power beaming

power transmission (microwave)
USE microwave power beaming

power transmission, satellite
USE satellite power transmission

power transmission, superconducting
USE superconducting power transmission

power unit reactors, space
USE space power unit reactors

power units, chemical auxiliary
USE chemical auxiliary power units

power units, nuclear auxiliary
USE nuclear auxiliary power units

power units, solar auxiliary
USE solar auxiliary power units

powered aircraft, man
USE man powered aircraft

powered aircraft, solar
USE solar powered aircraft

powered generators, tide
USE tide powered generators

powered lift aircraft

powered machines, tide
USE tide powered machines

powered machines, waterwave
USE waterwave powered machines

powered models

powered ships, nuclear
USE nuclear powered ships

powered vehicles, roadway
USE roadway powered vehicles

pynting theorem

Poynting-Robertson effect

PPI (position indicators)
USE plan position indicators

PPM (modulation)
USE pulse position modulation

Pr
USE praseodymium

PR
USE Puerto Rico

practical temperature, international
USE temperature scales

practices
USE procedures

Praesepe star clusters

praetersonic devices

prairies
USE grasslands

Prandtl number

Prandtl-Meyer expansion

praseodymium

praseodymium compounds

praseodymium isotopes

praseodymium 144
USE praseodymium isotopes

pre-Imbrian period

pre-main sequence stars

preamplifiers

preburners

Precambrian period

precautions
USE accident prevention

precession

precession, Larmor
USE Larmor precession

precession, proton
USE proton precession

precession, vortex
USE vortex precession

precious metals
USE noble metals

precipitates

precipitation

precipitation (chemistry)

precipitation, electron
USE electron precipitation

precipitation hardening

precipitation hardening, dispersion
USE precipitation hardening

precipitation (meteorology)

precipitation, particle
USE particle precipitation

precipitation particle measurement

precipitation, proton
USE proton precipitation

precipitators

precipitators, electrostatic
USE electrostatic precipitators

precision

precision arithmetic, double
USE double precision arithmetic

precision, geometric dilution of
USE geometric dilution of precision

precision guided projectiles

preconditioning

precooling

predators

predicate calculus

predicate logic

prediction, aircraft noise
USE noise prediction (aircraft)

prediction (aircraft), noise
USE noise prediction (aircraft)

prediction analysis techniques

prediction), ARIP (impact
USE computerized simulation
impact prediction

prediction, impact
USE impact prediction

prediction), IP (Impact

prediction), IP (Impact
USE computerized simulation

prediction, linear
USE linear prediction

prediction, noise
USE noise prediction

prediction, performance
USE performance prediction

prediction recording

prediction, Roshko
USE Roshko prediction

predictions

predictions, flood
USE flood predictions

predictor-corrector methods

predictors
USE predictions

predictors, automatic rocket impact
USE computerized simulation
impact prediction

preempting

prefiring tests

preflight analysis

(preflight), crew procedures
USE crew procedures (preflight)

preflight operations

prefocusing

preforms

pregnancy

preheaters
USE heating equipment

preheating
USE heating

preimpregnation

prejudices

prelaunch problems

prelaunch summaries

prelaunch tests

prelaunch tests, spacecraft
USE space vehicle checkout program

preloading
USE prestressing

premature operation

premixed flames

premixing

preparation

prepolymers

prepregs

preprocessing

presbyopia

preselectors
USE preamplifiers

presentation

preservatives

preserving

Presidential reports

presintering
USE sintering

presses

(presses), rams
USE rams (presses)

pressing

pressing, cold
USE cold pressing

pressing (forming)

pressing, hot
USE hot pressing

pressing, hot isostatic
USE hot isostatic pressing

pressors
USE vasoconstrictor drugs

pressure

pressure, atmospheric
USE atmospheric pressure

pressure, barometric
USE atmospheric pressure

pressure, base
USE base pressure

pressure, blood
USE blood pressure

pressure breathing

pressure broadening

pressure cabins
USE pressurized cabins

pressure, center of
USE center of pressure

pressure chambers

pressure chambers, low
USE vacuum chambers

pressure, critical
USE critical pressure

pressure dependence

pressure, diastolic
USE diastolic pressure

pressure, differential
USE differential pressure

pressure distribution

pressure drag

pressure drop

pressure drop, friction
USE skin friction

pressure, dynamic
USE dynamic pressure

pressure effects

pressure, electron
USE electron pressure

pressure fields
USE pressure distribution

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pressure, fluid
USE fluid pressure

pressure gages

(pressure gages), bombs
USE pressure gages

pressure, gas
USE gas pressure

pressure, geo
USE geopressure

pressure gradients

(pressure), head
USE pressure heads

pressure heads

pressure, high
USE high pressure

pressure, high altitude
USE high altitude pressure

pressure, hydrostatic
USE hydrostatic pressure

pressure ice

pressure, inlet
USE inlet pressure

pressure, internal
USE internal pressure

pressure, intracranial
USE intracranial pressure

pressure, intraocular
USE intraocular pressure

(pressure), isobars
USE isobars (pressure)

pressure, isostatic
USE isostatic pressure

pressure law, Newton
USE Newton pressure law

pressure, light
USE illuminance

pressure, low
USE low pressure

pressure, lower body negative
USE lower body negative pressure

pressure measurement

pressure, middle ear
USE middle ear pressure

pressure modulator radiometers

pressure oscillations

pressure, osmotic
USE osmosis

pressure, over
USE overpressure

pressure oxygen, high
USE high pressure oxygen

pressure, partial
USE partial pressure

pressure, plasma
USE plasma pressure

pressure probes
USE pressure sensors

pressure pulses

pressure, radiation
USE radiation pressure

pressure ratio

pressure recorders

pressure recovery

pressure reduction

pressure regulators

pressure ridges
USE pressure ice

pressure sensors

pressure, sound
USE sound pressure

pressure, stagnation
USE stagnation pressure

pressure, static
USE static pressure

pressure suits

pressure, surface
USE pressure

pressure switches

pressure, systolic
USE systolic pressure

pressure test, ear
USE ear pressure test

pressure, thrust chamber
USE thrust chamber pressure

pressure transducers
USE pressure sensors

pressure, transition
USE transition pressure

pressure, vapor
USE vapor pressure

pressure vessel design

pressure vessels

pressure, wall
USE wall pressure

pressure, water
USE water pressure

pressure waves
USE elastic waves

pressure welding

pressure, wind
USE wind pressure

pressures, impact
USE impact loads

pressures, supercritical
USE supercritical pressures

pressures, transient
USE transient pressures

pressurization, fuel tank
USE fuel tank pressurization

pressurized cabins

pressurized water reactors

pressurizing

Preston tubes
USE pitot tubes
speed indicators

prestraining
USE prestressing

prestressing

pretests
USE tests

pretreatment

pretwisting
USE prestressing
twisting

prevaporization

prevention

prevention, accident
USE accident prevention

prevention, blackout
USE blackout prevention

prevention, corrosion
USE corrosion prevention

prevention, fire
USE fire prevention

prevention, ice
USE ice prevention

prewhirling

prewhitening

Pribram meteorite

primaries, heavy cosmic ray
USE primary cosmic rays
heavy nuclei

primary batteries

primary cosmic rays

primates

primers

primers (coatings)

primers, engine
USE engine primers

primers (explosives)

priming

primitive Earth atmosphere

primitive equations

Prince Edward Island

Prince William Sound (AK)

Princeton sailwings
USE sailwings

principal components analysis

principle, Bernstein energy
USE Bernstein energy principle

principle, cryocycle
USE cryocycle principle

principle, duality
USE duality principle

principle, Fermat
USE Fermat principle

principle, Franck-Condon
USE Franck-Condon principle

principle, Huygens
USE Huygens principle

principle, inertia
USE inertia principle

principle, Kirchhoff-Huygens
USE diffraction
wave propagation

principle, Mach inertia
USE Mach inertia principle

principle, maximum
USE maximum principle

principle, Pauli exclusion
USE Pauli exclusion principle

principle, pontryagin
USE pontryagin principle

principle, Saint Venant
USE Saint Venant principle

principle, Schelkunoff
USE Schelkunoff principle

principles

principles, variational
USE variational principles

printed circuits

printed resistors

printers

printers (data processing)

printers, tele
USE teleprinters

printing

printouts

priorities

prismatic bars

prisms

privacy

private aircraft
USE general aviation aircraft

probabilities, transition
USE transition probabilities

probability
USE probability theory

probability analysis, amplitude
USE amplitude distribution analysis

probability density functions

probability distribution functions

probability, statistical
USE probability theory

probability theory

Probe B, Gravity
USE Gravity Probe B

probe, Galileo
USE Galileo probe

probe, Lunik 2 lunar
USE Lunik 2 lunar probe

probe, Lunik 3 lunar
USE Lunik 3 lunar probe

probe, Lunik 9 lunar
USE Lunik 9 lunar probe

probe, Lunik 10 lunar
USE Lunik 10 lunar probe

probe, Lunik 11 lunar

probe, Lunik 11 lunar
USE Lunik 11 lunar probe

probe, Lunik 12 lunar
USE Lunik 12 lunar probe

probe, Lunik 13 lunar
USE Lunik 13 lunar probe

probe, Lunik 14 lunar
USE Lunik 14 lunar probe

probe, Lunik 16 lunar
USE Lunik 16 lunar probe

probe, Lunik 17 lunar
USE Lunik 17 lunar probe

probe, Lunik 19 lunar
USE Lunik 19 lunar probe

probe, Lunik 20 lunar
USE Lunik 20 lunar probe

probe, Lunik 22 lunar
USE Lunik 22 lunar probe

probe, Mariner R 2 space
USE Mariner R 2 space probe

probe, Mariner 1 space
USE Mariner 1 space probe

probe, Mariner 2 space
USE Mariner 2 space probe

probe, Mariner 3 space
USE Mariner 3 space probe

probe, Mariner 4 space
USE Mariner 4 space probe

probe, Mariner 5 space
USE Mariner 5 space probe

probe, Mariner 6 space
USE Mariner 6 space probe

probe, Mariner 7 space
USE Mariner 7 space probe

probe, Mariner 8 space
USE Mariner 8 space probe

probe, Mariner 9 space
USE Mariner 9 space probe

probe, Mariner 10 space
USE Mariner 10 space probe

probe, Mariner 11 space
USE Mariner 11 space probe

probe method (forecasting)

probe, Pioneer F space
USE Pioneer 10 space probe

probe, Pioneer G space
USE Pioneer 11 space probe

probe, Pioneer Venus 2 night
USE Pioneer Venus 2 night probe

probe, Pioneer Venus 2 sounder
USE Pioneer Venus 2 sounder probe

probe, Pioneer 1 space
USE Pioneer 1 space probe

probe, Pioneer 2 space
USE Pioneer 2 space probe

probe, Pioneer 3 space
USE Pioneer 3 space probe

probe, Pioneer 4 lunar
USE Pioneer 4 space probe

probe, Pioneer 4 space
USE Pioneer 4 space probe

probe, Pioneer 5 space
USE Pioneer 5 space probe

probe, Pioneer 6 space
USE Pioneer 6 space probe

probe, Pioneer 7 space
USE Pioneer 7 space probe

probe, Pioneer 8 space
USE Pioneer 8 space probe

probe, Pioneer 9 space
USE Pioneer 9 space probe

probe, Pioneer 10 space
USE Pioneer 10 space probe

probe, Pioneer 11 space
USE Pioneer 11 space probe

probe, Pioneer 12 space
USE Pioneer Venus spacecraft

probe, Ranger 1 lunar
USE Ranger 1 lunar probe

probe, Ranger 2 lunar
USE Ranger 2 lunar probe

probe, Ranger 3 lunar
USE Ranger 3 lunar probe

probe, Ranger 4 lunar
USE Ranger 4 lunar probe

probe, Ranger 5 lunar
USE Ranger 5 lunar probe

probe, Ranger 6 lunar
USE Ranger 6 lunar probe

probe, Ranger 7 lunar
USE Ranger 7 lunar probe

probe, Ranger 8 lunar
USE Ranger 8 lunar probe

probe, Ranger 9 lunar
USE Ranger 9 lunar probe

probe, Sunblazer space
USE Sunblazer space probe

probe, Surveyor 1 lunar
USE Surveyor 1 lunar probe

probe, Surveyor 2 lunar
USE Surveyor 2 lunar probe

probe, Surveyor 3 lunar
USE Surveyor 3 lunar probe

probe, Surveyor 4 lunar
USE Surveyor 4 lunar probe

probe, Surveyor 5 lunar
USE Surveyor 5 lunar probe

probe, Surveyor 6 lunar
USE Surveyor 6 lunar probe

probe, Surveyor 7 lunar
USE Surveyor 7 lunar probe

probe, Zond 1 space
USE Zond 1 space probe

probe, Zond 2 space
USE Zond 2 space probe

probe, Zond 3 space
USE Zond 3 space probe

probe, Zond 4 space
USE Zond 4 space probe

probe, Zond 5 space
USE Zond 5 space probe

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probe, Zond 6 space
USE Zond 6 space probe

probe, Zond 7 space
USE Zond 7 space probe

probe, Zond 8 space
USE Zond 8 space probe

probes

probes, electron
USE electron probes

probes, electrostatic
USE electrostatic probes

probes, flame
USE flame probes

probes, impedance
USE impedance probes

probes, ion
USE ion probes

probes, Jupiter
USE Jupiter probes

probes, Langmuir
USE electrostatic probes

probes, light
USE light beams

probes, LUNA lunar
USE Lunik lunar probes

probes, lunar
USE lunar probes

probes, Lunik lunar
USE Lunik lunar probes

probes, magnetic
USE magnetic probes

probes, magnetic induction
USE magnetic probes

probes, Mariner space
USE Mariner space probes

probes, Mars
USE Mars probes

probes, meteorological
USE sondes

probes, microwave
USE microwave probes

probes, microwave plasma
USE microwave plasma probes

probes, Pioneer space
USE Pioneer space probes

probes, Pioneer Venus 2 entry
USE Pioneer Venus 2 entry probes

probes, plasma
USE plasma probes

probes, pneumatic
USE pneumatic probes

probes, pressure
USE pressure sensors

probes, radio frequency impedance
USE radio frequency impedance probes

probes, Ranger lunar
USE Ranger lunar probes

probes, resonance
USE resonance probes

probes, solar
USE solar probes

probes, space

USE space probes

probes, Surveyor lunar

USE Surveyor lunar probes

probes, temperature

USE temperature probes

probes, Venus

USE Venus probes

probes, Zond space

USE Zond space probes

probing, radio

USE radio probing

problem, Cauchy

USE Cauchy problem

problem, Chapman-Ferraro

USE Chapman-Ferraro problem

Problem, Dining Philosophers

USE Dining Philosophers Problem

problem, Dirichlet

USE Dirichlet problem

problem, four body

USE four body problem

problem, isoperimetric

USE isoperimetric problem

problem, many body

USE many body problem

problem, Mayer

USE Mayer problem

problem, N-body

USE many body problem

problem, neumann

USE neumann problem

problem, Poincare

USE Poincare problem

problem, Riemann

USE Cauchy problem

problem, Saint Venant flexure

USE Saint Venant principle

problem solving**problem, St Venant flexure**

USE Saint Venant principle

problem, three body

USE three body problem

problem, tracking

USE tracking problem

problem, traveling salesman

USE traveling salesman problem

problem, two body

USE two body problem

problems**problems, Bolza**

USE Bolza problems

problems, boundary value

USE boundary value problems

problems, initial value

USE boundary value problems

problems, operational

USE operational problems

problems, prelaunch

USE prelaunch problems

procedure, optical correction

USE optical correction procedure

procedures**procedures (inflight), crew**

USE crew procedures (inflight)

procedures, intravenous

USE intravenous procedures

procedures (preflight), crew

USE crew procedures (preflight)

proceedingsUSE congressional reports
conferences**process, burning**

USE combustion

process control (industry)**process, electroslog**

USE electroslog process

(process engineering), beds

USE beds (process engineering)

(process engineering), columns

USE columns (process engineering)

process, ergodic

USE ergodic process

process, Fischer-Tropsch

USE Fischer-Tropsch process

process heat**(process), HIP**

USE hot isostatic pressing

process, jet membrane

USE jet membrane process

process, lost wax

USE investment casting

process, Ornstein-Uhlenbeck

USE Ornstein-Uhlenbeck process

process, poisson

USE Poisson density functions

process, Poisson

USE stochastic processes

process, umklapp

USE umklapp process

process, Verneuil

USE Verneuil process

process (woodpulp), Kraft

USE Kraft process (woodpulp)

processes**processes, autoregressive**

USE autoregressive processes

processes, irreversible

USE irreversible processes

processes, isentropic

USE isentropic processes

processes, isochoric

USE isochoric processes

processes, isoenergetic

USE isoenergetic processes

processes, isopycnic

USE isopycnic processes

processes, isosteric

USE isopycnic processes

processes, isothermal

USE isothermal processes

processes, lining

USE lining processes

processes, Markov

USE Markov processes

processes, nonadiabatic

USE heat transfer

processes, nonisothermal

USE nonisothermal processes

processes, periodic

USE cycles

processes, polytropic

USE polytropic processes

processes, random

USE random processes

processes, sol-gel

USE sol-gel processes

processes, stencil

USE stencil processes

processes, stochastic

USE stochastic processes

processes, tabulation

USE tabulation processes

processing**Processing Applications Rocket, Space**

USE Space Processing Applications Rocket

processing, automatic data

USE data processing

processing, batch

USE batch processing

processing, bio

USE bioprocessing

processing (biology), information

USE information processing (biology)

processing (computers), associative

USE associative processing (computers)

processing (computers), parallel

USE parallel processing (computers)

processing (computers), vector

USE vector processing (computers)

processing, concurrent

USE concurrent processing

processing, data

USE data processing

processing, distributed

USE distributed processing

processing equipment, data

USE data processing equipment

processing equipment, photographic

USE photographic processing equipment

processing, food

USE food processing

processing), frames (data

USE frames (data processing)

processing, image

USE image processing

processing, message

USE message processing

processing, natural language

USE natural language processing

processing, onboard data

processing, onboard data
USE onboard data processing

processing, optical data
USE optical data processing

processing, photographic
USE photographic processing

processing, pre
USE preprocessing

processing), printers (data
USE printers (data processing)

processing, retort
USE retort processing

processing, signal
USE signal processing

processing, space
USE space processing

processing systems, power
USE power conditioning

processing terminals, data
USE data processing terminals

processing units, central
USE central processing units

processing, voice data
USE voice data processing

processing, word
USE word processing

processors (computers)
USE central processing units

processors, data
USE data processing equipment

processors, fluidized bed
USE fluidized bed processors

processors, massively parallel
USE massively parallel processors

processors, site data
USE site data processors

procurement

procurement, government
USE government procurement

procurement management

procurement policy

product development

product, gross national
USE gross national product

product, Kronecker
USE orthogonality

production

production, aircraft
USE aircraft production

production, biomass energy
USE biomass energy production

production costs

production costs, aircraft
USE aircraft production costs

production engineering

production, fuel
USE fuel production

production, hydrocarbon fuel
USE hydrocarbon fuel production

production, hydrogen
USE hydrogen production

production (in space), food
USE food production (in space)

production, kaon
USE kaon production

production management

production methods
USE production engineering

production, oxygen
USE oxygen production

production, pair
USE pair production

production, particle
USE particle production

production, photo
USE photoproduction

production planning

production rates, ion
USE ion production rates

productivity

products

products, by-
USE by-products

products, combustion
USE combustion products

products, fission
USE fission products

products, petroleum
USE petroleum products

products, reaction
USE reaction products

proficiency
USE abilities

profile method (forecasting)

profiles

profiles, airfoil
USE airfoil profiles

profiles, electron density
USE electron density profiles

profiles, search
USE search profiles

profiles, shock wave
USE shock wave profiles

profiles, temperature
USE temperature profiles

profiles, velocity
USE velocity distribution

profiles, wind
USE wind profiles

profiles, wing
USE wing profiles

profiling, magnetotelluric
USE magnetic surveys

profilometers

progeny

prognosis

Prognoz satellites

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program, ACEE
USE ACEE program

Program, Agena B Ranger
USE Agena B Ranger Program

program, Aircraft Energy Efficiency
USE ACEE program

program, Apollo applications
USE Apollo applications program

program, Argentine space
USE Argentine space program

program, Army-Navy Instrumentation
USE Army-Navy instrumentation program

program, Assess
USE Assess program

program, Australian space
USE Australian space program

program, Austrian space
USE Austrian space program

program, Belgian space
USE Belgian space program

program, Brazilian space
USE Brazilian space program

program, Canadian space
USE Canadian space program

program, Chinese space
USE Chinese space program

program, Comsat
USE Comsat program

program, Czechoslovakian space
USE Czechoslovakian space program

program, DAMP
USE Downrange Antimissile Measurement Program

program, Danish space
USE Danish space program

program, DAST
USE DAST program

program, defense
USE defense program

Program, Defense Meteorological Satellite
USE DMSP satellites

Program, Downrange Antimissile Measurement
USE Downrange Antimissile Measurement Program

Program, Earth & Ocean Physics Applications
USE Earth & Ocean Physics Applications Program

Program, Earth Resources
USE Earth Resources Program

Program, Earth Resources Survey
USE Earth Resources Survey Program

program, Energy Efficiency Transport
USE ACEE program

program evaluation review technique
USE PERT

program, Finnish space
USE Finnish space program

Program for Aerospace Veh Design, Integ
USE IPAD

program, French space
USE French space program

program, geographic applications
USE geographic applications program

program, German space
USE German space program

program, global air sampling
USE global air sampling program

Program, Global Atmospheric Research
USE Global Atmospheric Research Program

program, Greek space
USE Greek space program

program, Gulliver
USE Gulliver program

program, HITAB
USE high alt target and background measurement

program, Hungarian space
USE Hungarian space program

program, Icelandic space
USE Icelandic space program

program, Indian space
USE Indian space program

program, Indonesian space
USE Indonesian space program

program integrity, computer
USE computer program integrity

program, International Geosphere-Biosphere
USE International Geosphere-Biosphere program

program, interservice data exchange
USE interservice data exchange program

program, Israeli space
USE Israeli space program

program, Italian space
USE Italian space program

program, Japanese space
USE Japanese space program

program, LAMPS
USE Light Airborne Multipurpose System

program, Luxembourg space
USE Luxembourg space program

program management
USE project management

program, Mariner
USE Mariner program

program, Mexican space
USE Mexican space program

program, NASA Structural Analysis
USE NASTRAN

Program, National Aerospace Plane
USE National Aerospace Plane Program

Program, National Launch Vehicle
USE National Launch Vehicle Program

program, Netherlands space
USE Netherlands space program

program, New Zealand space
USE New Zealand space program

program, Norwegian space
USE Norwegian space program

program, optical satellite tracking
USE optical satellite tracking program

program, Pakistan space
USE Pakistan space program

program, PANT
USE PANT program

program, Portuguese space
USE Portuguese space program

program, quiet engine
USE quiet engine program

program, radar target scatter site
USE radar target scatter site program

program, RATSCAT
USE radar target scatter site program

program, reactor in flight test
USE RIFT (reactor in flight test)

program reliability, computer
USE software reliability

program reliability (computers)
USE software reliability

program, Saudi Arabian space
USE Saudi Arabian space program

program, SCAR
USE supersonic cruise aircraft research

program, SEASAT
USE SEASAT program

program, SKYLAB
USE SKYLAB program

program, space vehicle checkout
USE space vehicle checkout program

program, Spanish space
USE Spanish space program

program, Starsite
USE Starsite program

program, Swedish space
USE Swedish space program

program, Swiss space
USE Swiss space program

program, TACT
USE TACT program

program, TCV
USE terminal configured vehicle program

program, terminal configured vehicle
USE terminal configured vehicle program

program, tilt rotor research aircraft
USE tilt rotor research aircraft program

Program, Transonic Aircraft Technology
USE TACT program

program, TRAP
USE TRAP program

program trend line analysis

program, Turkish space
USE Turkish space program

program, U.S.S.R. space
USE U.S.S.R. space program

program, UK space
USE UK space program

program, university
USE university program

program verification (computers)

program, Viking Mars
USE Viking Mars program

programmable logic devices

programmed instruction

programmers

programming

programming, computer
USE computer programming

programming, dynamic
USE dynamic programming

programming environments

programming, language
USE language programming

(programming language), Ada
USE Ada (programming language)

(programming language), APL
USE APL (programming language)

(programming language), BASIC
USE BASIC (programming language)

(programming language), C
USE C (programming language)

(PROGRAMMING LANGUAGE), C++
USE C++ (PROGRAMMING LANGUAGE)

(programming language), COGO
USE COGO (programming language)

(programming language), COMPASS
USE COMPASS (programming language)

(programming language), FAB
USE FORTRAN

(programming language), Forth
USE Forth (programming language)

(programming language), LISP
USE LISP (programming language)

(programming language), MAP
USE MAP (programming language)

(programming language), MARVS
USE MARVS (programming language)

(programming language), Pascal
USE Pascal (programming language)

(programming language), Prolog
USE Prolog (programming language)

programming languages

programming, linear
USE linear programming

programming, logic
USE logic programming

programming, mathematical
USE mathematical programming

programming, micro
USE microprogramming

programming, multi
USE multiprogramming

programming, nonlinear
USE nonlinear programming

programming, object-oriented
USE object-oriented programming

programming, on-line
USE on-line programming

programming, optimum thrust
USE thrust programming

programming, parallel
USE parallel programming

programming, quadratic
USE quadratic programming

programming (scheduling)

programming, structured

programming, structured
USE structured programming

programming, symbolic
USE symbolic programming

programming, thrust
USE thrust programming

programs

programs, compiler
USE compilers

programs, computer
USE computer programs

programs, computer systems
USE computer systems programs

programs (computers), applications
USE applications programs (computers)

programs, European space
USE European space programs

programs, lunar
USE lunar programs

programs, machine-independent
USE machine-independent programs

programs, multiple output
USE multiple output programs

programs, NASA
USE NASA programs

programs, NASA space
USE NASA space programs

programs, object
USE object programs

programs, source
USE source programs

programs, space
USE space programs

programs, user manuals (computer)
USE user manuals (computer programs)

programs, WINDOWS (computer)
USE WINDOWS (computer programs)

progress

progressions

prohibition

proj, experimental reflector orbital shot
USE experimental reflector orbital shot proj

proj, synchronous communications satellite
USE synchronous communications satellite proj

Project, Advent
USE Advent Project

project, AgRISTARS
USE AgRISTARS project

project, ALARM
USE ALARM project

project, Alouette
USE Alouette project

project, Apollo
USE Apollo project

project, Apollo Soyuz test
USE Apollo Soyuz test project

project, Argus
USE Argus project

project, ASSET
USE ASSET project

project, ATLIT
USE ATLIT project

project, Big Shot
USE Big Shot project

project, BIOS
USE BIOS project

project, Bumblebee
USE Bumblebee project

project, Centaur
USE Centaur project

project, Defender
USE Defender project

project, Echo
USE Echo project

project, eclipse
USE eclipse project

project, EROS
USE experimental reflector orbital shot proj

project, Galileo
USE Galileo project

project, Gemini
USE Gemini project

project, Geosari
USE Geosari project

Project, Harvard Radio Meteor
USE Harvard Radio Meteor Project

Project, Helios
USE Helios Project

project, HICAT
USE high resolution coverage antennas

Project, ISCCP
USE ISCCP Project

project, Jupiter
USE Jupiter project

project management

project, Mars 69
USE Mars 69 project

project, Mars 71
USE Mars 71 project

project, Mercury
USE Mercury project

project (NASA), Magellan
USE Magellan project (NASA)

Project, National Severe Storms
USE National Severe Storms Project

project, NEW MOONS
USE NEW MOONS project

project, Nike
USE Nike project

project, Nimbus
USE Nimbus project

Project, OPEN
USE OPEN Project

project, Pioneer
USE Pioneer project

project planning

project, Radio Attenuation Measurement
USE Radio Attenuation Measurement project

project, RAM
USE Radio Attenuation Measurement project

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project, rand
USE rand project

project, Ranger
USE Ranger project

project, Rover
USE Rover project

project, SAIL
USE SAIL project

project, Saturn
USE Saturn project

project, Scanner
USE Scanner project

project, Scout
USE Scout project

project, Seafarer
USE Seafarer project

Project SETI

project, SQUID
USE SQUID project

project, SUBIC
USE Submarine Integrated Control project

project, Submarine Integrated Control
USE Submarine Integrated Control project

project, Success
USE Success project

project, Surveyor
USE Surveyor project

project, Tektite
USE Tektite project

project, Telstar
USE Telstar project

project, Themis
USE Themis project

project, TIROS
USE TIROS project

project, Titan
USE Titan project

project, Vanguard
USE Vanguard project

project, Vega
USE Vega project

Project, Venus Radar Mapper
USE Magellan project (NASA)

project, Voyager
USE Voyager project

project, West Ford
USE West Ford project

projectile cratering

projectile, high altitude sounding
USE WASP sounding rocket

projectile penetration
USE terminal ballistics

projectile, window atmosphere sounding
USE WASP sounding rocket

projectiles

projectiles, hypervelocity
USE hypervelocity projectiles

projectiles, precision guided
USE precision guided projectiles

projectiles, Sabot
USE Sabot projectiles

projection

projection, Bonne
USE Bonne projection

projection, gnomonic
USE gnomonic projection

projection, Mercator
USE Mercator projection

projective geometry

projectors

projects

projects, research
USE research projects

prokaryotes

prolate spheroids

prolateness

Prolog (programming language)

prolongation

promethazine

promethium

promethium isotopes

promethium 146
USE promethium isotopes

prominences

prominences, solar
USE solar prominences

promotion

prone position

proneness, accident
USE accident proneness

Prony series

proofs
USE proving

prop-fan technology

propagation

propagation, acoustic
USE acoustic propagation

(propagation), blackout
USE blackout (propagation)

propagation, crack
USE crack propagation

propagation, diffraction
USE diffraction propagation

propagation, electromagnetic
USE electromagnetic wave transmission

propagation (extension)

propagation, flame
USE flame propagation

propagation, ground wave
USE ground wave propagation

propagation, ionospheric
USE ionospheric propagation

propagation, ionospheric F-scatter
USE ionospheric F-scatter propagation

propagation modes

propagation, noise
USE noise propagation

propagation, radio
USE radio transmission

propagation, scatter
USE scatter propagation

propagation, self
USE self propagation

propagation, shock wave
USE shock wave propagation

propagation, sound
USE sound propagation

propagation, stress
USE stress propagation

propagation, transequatorial
USE transequatorial propagation

propagation, transhorizon radio
USE transhorizon radio propagation

propagation velocity

propagation, wave
USE wave propagation

propagators
USE propagation

propane

propane, cyclo
USE cyclopropane

propane, nitro
USE nitropropane

propargyl groups

propellant actuated devices

propellant actuated instruments

propellant additives

propellant binders

propellant casting

propellant chemistry

propellant combustion

propellant combustion, solid
USE solid propellant combustion

propellant decomposition

propellant evaporation

propellant explosions

propellant grains

propellant ignition, solid
USE solid propellant ignition

propellant mass ratio

propellant oxidizers
USE rocket oxidizers

propellant properties

propellant rocket engines, hybrid
USE hybrid propellant rocket engines

propellant rocket engines, liquid
USE liquid propellant rocket engines

propellant rocket engines, solid
USE solid propellant rocket engines

propellant sensitivity

propellant sprays

propellant storability

propellant storage

propellant tanks

propellant tanks, rocket
USE propellant tanks

propellant tests

propellant transfer

propellants

propellants, case bonded
USE case bonded propellants

propellants, colloidal
USE colloidal propellants

propellants, composite
USE composite propellants

propellants, cryogenic rocket
USE cryogenic rocket propellants

propellants, Domino
USE Domino propellants

propellants, double base
USE double base propellants

propellants, double base rocket
USE double base rocket propellants

(propellants), GAP
USE glycidyl azide polymer

propellants, gaseous rocket
USE gaseous rocket propellants

propellants, gelled
USE gelled propellants

propellants, gelled rocket
USE gelled rocket propellants

propellants, gun
USE gun propellants

propellants, high energy
USE high energy propellants

propellants, high temperature
USE high temperature propellants

propellants, HTPB
USE HTPB propellants

propellants, hybrid
USE hybrid propellants

propellants, hypergolic rocket
USE hypergolic rocket propellants

propellants, ionic
USE ion engines

propellants, liquid rocket
USE liquid rocket propellants

propellants, lithergolic
USE hybrid propellants

propellants, metal
USE metal propellants

propellants, nitramine
USE nitramine propellants

propellants, plastic
USE plastic propellants

propellants, rocket
USE rocket propellants

propellants, RP-1 rocket

propellants, RP-1 rocket
USE RP-1 rocket propellants

propellants, slurry
USE slurry propellants

propellants, solid
USE solid propellants

propellants, solid rocket
USE solid rocket propellants

propellants, storable
USE storable propellants

propellants, thixotropic
USE gelled rocket propellants

propelled aircraft, nuclear
USE nuclear propelled aircraft

propelled sleds, rocket
USE rocket propelled sleds

propeller blades

propeller drive

propeller drive, helicopter
USE helicopter propeller drive

propeller efficiency

propeller fans

propeller noise

propeller slipstreams

propellers

propellers, constant speed
USE variable pitch propellers

propellers, contrarotating
USE contrarotating propellers

propellers, ducted
USE shrouded propellers

propellers, shrouded
USE shrouded propellers

propellers, tilted
USE tilted propellers

propellers, variable pitch
USE variable pitch propellers

properties

properties, acoustic
USE acoustic properties

properties, asymptotic
USE asymptotic properties

properties, chemical
USE chemical properties

properties, creep
USE creep properties

properties, dielectric
USE dielectric properties

properties, dynamic
USE dynamic characteristics

properties, elastic
USE elastic properties

properties, electrical
USE electrical properties

properties, electromagnetic
USE electromagnetic properties

properties (geology), structural
USE structural properties (geology)

properties, hygral
USE hygral properties

properties, internuclear
USE internuclear properties

properties, magnetic
USE magnetic properties

properties, mechanical
USE mechanical properties

properties, optical
USE optical properties

properties, physical
USE physical properties

properties, plastic
USE plastic properties

properties, propellant
USE propellant properties

properties, shear
USE shear properties

properties, surface
USE surface properties

properties, tensile
USE tensile properties

properties, thermal
USE thermodynamic properties

properties, thermochemical
USE thermochemical properties

properties, thermodynamic
USE thermodynamic properties

properties, thermophysical
USE thermophysical properties

properties, transport
USE transport properties

properties, virtual
USE virtual properties

(property), composition
USE composition (property)

(property), distribution
USE distribution (property)

prophylaxis

propionic acid

proportion

proportional control

proportional counters

proportional limit

proposals

proprioception

proprioceptors

propulsion

propulsion, auxiliary
USE auxiliary propulsion

propulsion, chemical
USE chemical propulsion

propulsion, chemonuclear
USE chemical propulsion
nuclear propulsion

propulsion, dual mode
USE hybrid propulsion

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propulsion, electric
USE electric propulsion

propulsion, electromagnetic
USE electromagnetic propulsion

propulsion, electrostatic
USE electrostatic propulsion

propulsion, hybrid
USE hybrid propulsion

propulsion, interplanetary
USE interplanetary spacecraft
rocket engines

propulsion, ion
USE ion propulsion

propulsion, jet
USE jet propulsion

propulsion, laser
USE laser propulsion

propulsion, low thrust
USE low thrust propulsion

propulsion, marine
USE marine propulsion

propulsion, matter-antimatter
USE matter-antimatter propulsion

propulsion, negative matter
USE negative matter propulsion

propulsion, nuclear
USE nuclear propulsion

propulsion, nuclear electric
USE nuclear electric propulsion

propulsion, photonic
USE photonic propulsion

propulsion, plasma
USE plasma propulsion

propulsion, solar
USE solar propulsion

propulsion, solar electric
USE solar electric propulsion

propulsion, solar thermal
USE solar thermal propulsion

propulsion, space station
USE space station propulsion

propulsion, spacecraft
USE spacecraft propulsion

propulsion, submarine
USE submarine propulsion

propulsion system configurations

propulsion system, hot cycle
USE tip driven rotors

propulsion system performance

propulsion system, post boost
USE post boost propulsion system

propulsion systems, ascent
USE ascent propulsion systems

propulsion systems, descent
USE descent propulsion systems

propulsion systems, man operated
USE man operated propulsion systems

(propulsion systems), MOPS
USE man operated propulsion systems

propulsion systems, personnel
USE self maneuvering units

propulsion, thermonuclear
USE nuclear propulsion

propulsion, underwater
USE underwater propulsion

propulsive efficiency

propyl compounds

propyl nitrate

propylene

propylene oxide

propylene, poly
USE polypropylene

prospecting
USE exploration

prostaglandins

prostate gland

prosthetic devices

protactinium

protactinium compounds

protactinium fluorides

protactinium isotopes

protactinium 234
USE protactinium isotopes

protease

protection

protection, acceleration
USE acceleration protection

protection, circuit
USE circuit protection

protection, environment
USE environment protection

protection, eye
USE eye protection

protection, meteoroid
USE meteoroid protection

protection, radiation
USE radiation protection

Protection Systems, Advanced EVA
USE AEPS

protection, thermal
USE thermal protection

protection, vibration
USE vibration isolators

protective clothing

protective coatings

protective coatings, ceramal
USE protective coatings
cermets

protective coatings, sprayed
USE protective coatings
sprayed coatings

protectors

protectors, ear
USE ear protectors

protein crystal growth

protein denaturation
USE biopolymer denaturation

protein metabolism

protein synthesis

proteinoids

proteins

proteins, lipo
USE lipoproteins

proteins, proto
USE protoproteins

prothrombin

protium
USE light water

protobiology

protocol (computers)

proton beams

proton belts

proton damage

proton density (concentration)

proton density, magnetospheric
USE magnetospheric proton density

proton energy

proton flux density

proton impact

proton irradiation

proton magnetic resonance

proton masers

proton precession

proton precipitation

proton protuberances

proton reactions, proton-
USE proton-proton reactions

proton resonance

Proton satellites

proton scattering

proton telescopes
USE particle telescopes

Proton 1 satellite

Proton 2 satellite

Proton 3 satellite

Proton 4 satellite

proton-proton reactions

protons

protons, anti
USE antiprotons

protons, recoil
USE recoil protons

protons, solar
USE solar protons

protoplanets

protoplasm

protoplasts

protoproteins

protostars

prototypes

protozoa

protractors

protuberances

protuberances, proton
USE proton protuberances

proustite

Provider aircraft
USE C-123 aircraft

proving

proving, theorem
USE theorem proving

(proving), verification
USE proving

provisioning

provost aircraft, jet
USE jet provost aircraft

proximity

proximity effect (electricity)

PRTR (reactor)
USE plutonium recycle test reactor

prussic acid
USE hydrocyanic acid

pseudomonas

pseudonoise

pseudopotentials

pseudorandom sequences

psychiatry

psychiatry, military
USE military psychology

psychiatry, neuro
USE neuropsychiatry

psychiatry, social
USE social psychiatry

psychoacoustics

psycholinguistics

psychological effects

psychological factors

psychological indexes
USE psychological tests

psychological sets

psychological tests

psychology

psychology, aviation
USE aviation psychology

psychology, cognitive
USE cognitive psychology

(psychology), generalization
USE generalization (psychology)

(psychology), inhibition
USE inhibition (psychology)

psychology, military

psychology, military
USE military psychology

(psychology), reinforcement
USE reinforcement (psychology)

(psychology), retention
USE retention (psychology)

(psychology), reward
USE reward (psychology)

psychology, space
USE space psychology

(psychology), stress
USE stress (psychology)

psychometrics

psychomotor performance

psychopharmacology

psychophysics

psychophysiology

(psychophysiology), evoked response
USE evoked response (psychophysiology)

(psychophysiology), workloads
USE workloads (psychophysiology)

psychoses

psychosomatics

psychotherapy

psychotic depression

psychotropic drugs

psychrometers

psychrophiles

Pt
USE platinum

PTM (modulation)
USE pulse time modulation

Ptolemaeus Crater

Pu
USE plutonium

public address systems

public health

public law

public relations

public speaking

publications
USE documents

(publications), catalogs
USE catalogs (publications)

Puerto Rico

pull amplifiers, push-
USE push-pull amplifiers

pulleys

pulling

pulling, frequency
USE frequency pulling

pulling (frequency stability)
USE frequency pulling

pulmonary circulation

pulmonary functions

pulmonary lesions

pulsar magnetospheres

pulsars

pulsating flow
USE unsteady flow

pulsations, geomagnetic
USE geomagnetic pulsations

pulsations, micro
USE micropulsations

pulse amplitude

pulse amplitude modulation

pulse (cardiovascular)
USE heart rate

pulse charging

pulse code modulation

pulse code modulation, differential
USE differential pulse code modulation

pulse communication

pulse compression

pulse diffraction

pulse Doppler radar

pulse duration

pulse duration modulation

pulse frequency modulation

pulse frequency modulation telemetry

pulse generators

pulse heating

pulse height
USE pulse amplitude

pulse modulation

pulse position modulation

pulse radar

pulse rate

pulse reactors, annular core
USE annular core pulse reactors

pulse recorders
USE counters

pulse repetition rate

pulse time modulation
USE pulse duration

pulse width amplitude converters

pulse width modulation
USE pulse duration modulation

pulsed jet engines

pulsed laser deposition

pulsed lasers

pulsed lasers, ultrashort
USE ultrashort pulsed lasers

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pulsed radiation

pulsejet engines

pulses

pulses, electric
USE electric pulses

pulses, electromagnetic
USE electromagnetic pulses

pulses, picosecond
USE picosecond pulses

pulses, pressure
USE pressure pulses

pulses, system generated electromagnetic
USE system generated electromagnetic pulses

pultrusion

pulverizing
USE grinding (comminution)

pumice

pump impellers

pump seals

pumped lasers, nuclear
USE nuclear pumped lasers

pumped lasers, solar-
USE solar-pumped lasers

pumping

pumping, cryo
USE cryopumping

pumping, electron
USE electron pumping

pumping, laser
USE laser pumping

pumping, magnetic
USE magnetic pumping

pumping, maser
USE maser pumping

pumping, nuclear
USE nuclear pumping

pumping, optical
USE optical pumping

pumping, plasma
USE plasma pumping

pumps

pumps, axial flow
USE axial flow pumps

pumps, blood
USE blood pumps

pumps, centrifugal
USE centrifugal pumps

pumps, condensation
USE condensation pumps

pumps, diffusion
USE diffusion pumps

pumps, electromagnetic
USE electromagnetic pumps

pumps, flux
USE flux pumps

pumps, fuel
USE fuel pumps

Q

pumps, heat
USE heat pumps

pumps, hydraulic
USE pumps
hydraulic equipment

pumps, ion
USE ion pumps

pumps, jet
USE jet pumps

pumps, molecular
USE molecular pumps

(pumps), rams
USE rams (pumps)

pumps, turbine
USE turbine pumps

pumps, vacuum
USE vacuum pumps

pumps, visco
USE viscopumps

pumps, windpowered
USE windpowered pumps

punched cards

punched tapes

punches

puncturing
USE piercing

pupa

pupil size

pupillometry

pupils

purging

purification

purification, air
USE air purification

purification, water
USE water treatment

purifiers
USE purification

purines

purity

purposes

pursuit tracking

push-pull amplifiers

pushbroom sensor modes

pushing

PWM (modulation)
USE pulse duration modulation

pycnometers

pylon mounting

pylons

Pyramid Lake (NV)

pyramidal bodies

pyramids

pyranometers

pyrazines

Pyrenees Mountains (Europe)

pyrenes

Pyrex (trademark)
USE borosilicate glass

pyridine nucleotides

pyridines

pyridoxine

pyrimidines

pyrites

Pyroceram (trademark)

pyroelectricity

pyrogen

pyrographalloy
USE pyrolytic graphite
composite materials
refractory materials

pyrohellometers

pyrohydrolysis

pyrolysis

pyrolysis, hydro
USE hydropyrolysis

pyrolytic graphite

pyrolytic materials

pyrometallurgy

pyrometers

pyrometers, optical
USE optical pyrometers

pyrometers, radiation
USE radiation pyrometers

pyrometers, thermocouple
USE thermocouple pyrometers

pyrometry
USE temperature measurement

pyrophoric materials

pyrophyllite

pyrotechnics

pyroxenes

pyroxylin
USE cellulose nitrate

pyrrhotite

pyrroles

Pyrrones (trademark)

pyruvates

P3V aircraft
USE P-3 aircraft

P78-2 satellite
USE SCATHA satellite

Q devices

Q factors

Q, high
USE Q factors

Q switched lasers

Q values

QAM (modulation)
USE quadrature amplitude modulation

QAM (MODULATION)
USE quadrature amplitude modulation

Qatar

QCD
USE quantum chromodynamics

QH-50 helicopter

QPSK
USE quadrature phase shift keying

QSO (radio sources)
USE quasars

quadrangle (AZ), Phoenix
USE Phoenix quadrangle (AZ)

Quadrantid meteoroids

quadrants

quadratic equations

quadratic Gaussian control, linear
USE linear quadratic Gaussian control

quadratic programming

quadratic regulator, linear
USE linear quadratic regulator

quadrature amplitude modulation

quadrature approximation
USE quadratures

quadrature phase shift keying

quadratures

quadrphase shift keying
USE quadrature phase shift keying

quadrupole lenses
USE magnetic lenses

quadrupole networks

quadrupole resonance, nuclear
USE nuclear quadrupole resonance

quadrupoles

quail missile

quakes, earth
USE earthquakes

quakes, planetary
USE planetary quakes

quakes, star
USE starquakes

qualifications

qualitative analysis

qualities, flying
USE flight characteristics

qualities, handling

qualities, handling
USE controllability

quality

quality, air
USE air quality

quality control

(quality control), TQM
USE total quality management

quality, environmental
USE environmental quality

quality factors
USE Q factors

quality management, total
USE total quality management

quality, riding
USE riding quality

quality, water
USE water quality

quantiles

quantitative analysis

quantity
USE amount

(quantity), level
USE level (quantity)

quantization
USE measurement

quantization, flux
USE flux quantization

quantization, vector
USE vector quantization

quantizer
USE counters

quantum amplifiers

quantum chemistry

quantum chromodynamics

quantum counters

quantum efficiency

quantum electrodynamics

quantum electronics

quantum generators
USE stimulated emission devices

quantum interferometers, superconducting
USE squid (detectors)

quantum mechanics

quantum numbers

quantum optics

quantum statistics

quantum theory

(quantum theory), squeezed states
USE squeezed states (quantum theory)

quantum well lasers

quantum wells

quarantine facility, mobile
USE mobile quarantine facility

quarantine, planetary
USE planetary quarantine

quark models

quark parton model

quarks

quarries
USE mines (excavations)

quartic equations

quartiles

quartz

quartz crystals

quartz lamps

quartz transducers

quartzite

quasars

Quasat

quasi-particles
USE elementary excitations

quasi-steady states

quasi-stellar radio sources
USE quasars

quasilinearity
USE nonlinearity

quaternary alloys

quaternions

Quebec

quefrencies

quenching

quenching (atomic physics)

quenching (cooling)

quenching, flame
USE quenching (cooling)
extinguishing

quenching (metallurgy), rapid
USE rapid quenching (metallurgy)

query, automatic repeat
USE automatic repeat request

query languages

Questol aircraft

queueing theory

quiet engine program

Quiet Sun Year, International
USE International Quiet Sun Year

quinoline

quinone, phyllo
USE phylloquinone

quinones

quinones, anthra
USE anthraquinones

quinoxalines

quotients

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R

R Coronae Borealis stars

R stars, W-
USE Wolf-Rayet stars

R 2 space probe, Mariner
USE Mariner R 2 space probe

Ra
USE radium

RA-28 engine

rabbits

racah coefficient

race factors

races (anthropology)

racetracks (particle accelerators)

racks

racks (frames)

racks (gears)

racon beacons
USE radar beacons

radant

radar

radar absorbers

radar, airborne
USE airborne radar

radar, airborne surveillance
USE airborne surveillance radar

radar altimeters
USE radio altimeters

(radar), angels
USE angels (radar)

radar antennas

radar approach, airborne
USE airborne radar approach

radar approach control

radar astronomy

radar attenuation

radar beacons

radar beams

radar, bistatic
USE multistatic radar

radar clutter maps

(radar), Cobra Dane
USE Cobra Dane (radar)

radar, coherent
USE coherent radar

radar, continuous wave
USE continuous wave radar

radar corner reflectors

radar cross sections

radar, CW
USE continuous wave radar

radar data

radar detection**radar direction finders**

USE radio direction finders

radar displays

USE radarscopes

radar, Doppler

USE Doppler radar

radar, dual frequency

USE multispectral radar

Radar, Earth Resources Shuttle Imaging

USE Earth Resources Shuttle Imaging Radar

radar echoes**radar echoes, lunar**

USE lunar radar echoes

radar echoes, solar

USE solar radar echoes

radar echoes, Venus

USE Venus radar echoes

radar equipment**Radar, European Incoherent Scatter**

USE EISCAT radar system (Europe)

radar filters**radar geology****radar homing missiles****radar imagery****radar, imaging**

USE imaging radar

radar, incoherent scatter

USE incoherent scatter radar

radar, infrared

USE infrared radar

radar, landing

USE landing radar

radar, laser

USE optical radar

Radar Mapper Project, Venus

USE Magellan project (NASA)

Radar Mapper, Venus

USE Magellan spacecraft (NASA)

radar maps**radar measurement****radar, meteorological**

USE meteorological radar

radar, monopulse

USE monopulse radar

radar, MTI

USE moving target indicators

radar, multiple frequency

USE multispectral radar

radar, multispectral

USE multispectral radar

radar, multistatic

USE multistatic radar

radar navigation**radar networks****Radar, North American Search and Ranging**

USE North American Search and Ranging Radar

radar observation

USE radar tracking

radar, optical

USE optical radar

radar, over-the-horizon

USE over-the-horizon radar

radar photography**radar, pulse**

USE pulse radar

radar, pulse Doppler

USE pulse Doppler radar

radar range**radar receivers****radar reception****radar reflections**

USE radar echoes

radar reflectors**radar resolution****radar, satellite-borne**

USE satellite-borne radar

radar scanning**radar scattering****radar, search**

USE search radar

radar, secondary

USE secondary radar

Radar, Shuttle Imaging

USE Shuttle Imaging Radar

radar, side-looking

USE side-looking radar

radar signatures**radar, space based**

USE space based radar

radar (spacecraft), Venus orbiting imaging

USE Venus orbiting imaging radar (spacecraft)

radar, surveillance

USE surveillance radar

radar, synthetic aperture

USE synthetic aperture radar

radar system (Europe), EISCAT

USE EISCAT radar system (Europe)

radar system, tradex

USE tradex radar system

radar systems, digital

USE digital radar systems

radar target scatter site program**radar targets****(radar technique), HICAT**

USE high resolution coverage antennas

radar terminal system, automated

USE automated radar terminal system

radar tracking**radar, tracking**

USE tracking radar

radar transmission**radar transmitters****radar, weather**

USE meteorological radar

Radarsat**radarscopes****radial distribution****radial drainage patterns**

USE drainage patterns

radial flow**radial velocity****radiance****radiance, lr**

USE irradiance

radiancy**radiant cooling****radiant energy**

USE radiation

radiant flux density**radiant heating****radiant intensity**

USE radiant flux density

radiation**radiation absorption****radiation, acoustic**

USE sound waves

radiation, alpha

USE alpha particles

Radiation and Meteoroid satellite**radiation, atmospheric**

USE atmospheric radiation

radiation, background

USE background radiation

(radiation), beams

USE beams (radiation)

radiation belt, inner

USE inner radiation belt

radiation belt, outer

USE outer radiation belt

radiation belts**radiation belts, artificial**

USE artificial radiation belts

radiation belts, Van Allen

USE radiation belts

radiation, black body

USE black body radiation

radiation budget, Earth

USE Earth radiation budget

radiation budget experiment, Earth

USE Earth radiation budget experiment

radiation, Cerenkov

USE Cerenkov radiation

radiation chemistry**radiation, circumsolar**

USE circumsolar radiation

radiation, coherent

USE coherent radiation

radiation, coherent acoustic

radiation, coherent acoustic

USE coherent acoustic radiation

radiation, coherent electromagnetic

USE coherent electromagnetic radiation

radiation, continuous

USE continuous radiation

radiation, corpuscular

USE corpuscular radiation

radiation, cosmic

USE cosmic rays

radiation counters

radiation, cyclotron

USE cyclotron radiation

radiation damage

radiation detectors

radiation detectors, silicon

USE silicon radiation detectors

radiation, diffraction

USE diffraction radiation

radiation, diffuse

USE diffuse radiation

radiation distribution

radiation dosage

radiation, Earth

USE terrestrial radiation

radiation effects

Radiation Effects Sat, Combined Release and

USE CRRES (satellite)

radiation, electromagnetic

USE electromagnetic radiation

radiation, electron

USE electron radiation

radiation emission

USE radiation

Radiation Exp Background sats, Galactic

USE GREB satellites

radiation exposure

USE radiation dosage

radiation, extraterrestrial

USE extraterrestrial radiation

radiation, extreme ultraviolet

USE extreme ultraviolet radiation

radiation, far infrared

USE far infrared radiation

radiation, far ultraviolet

USE far ultraviolet radiation

radiation fields

USE radiation distribution

radiation, galactic

USE galactic radiation

radiation, gamma

USE gamma rays

radiation, gravitational

USE gravitational waves

radiation hardening

radiation, harmonic

USE harmonic radiation

radiation hazards

radiation heating

USE radiant heating

radiation, incident

USE incident radiation

radiation, infrared

USE infrared radiation

radiation injuries

radiation intensity

USE radiant flux density

radiation, interstellar

USE interstellar radiation

radiation, ion cyclotron

USE ion cyclotron radiation

radiation, ionizing

USE ionizing radiation

radiation, Ir

USE irradiation

radiation, Kirchhoff law of

USE Kirchhoff law of radiation

radiation, laser

USE laser beams

radiation laws

radiation), light (visible

USE light (visible radiation)

radiation, long wave

USE long wave radiation

radiation, lunar

USE lunar radiation

radiation, Lyman alpha

USE Lyman alpha radiation

radiation, Lyman beta

USE Lyman beta radiation

radiation measurement

radiation measuring instruments

radiation medicine

USE nuclear medicine

Radiation Meteoroid spacecraft

radiation meters

USE radiation measuring instruments

radiation, microwave

USE microwaves

radiation, modulated continuous

USE modulated continuous radiation

radiation, monochromatic

USE monochromatic radiation

radiation, near infrared

USE near infrared radiation

radiation, near ultraviolet

USE near ultraviolet radiation

radiation noise

USE electromagnetic noise

radiation, nonequilibrium

USE nonequilibrium radiation

radiation, nonthermal

USE nonthermal radiation

radiation, nuclear

USE nuclear radiation

radiation patterns, antenna

USE antenna radiation patterns

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radiation, planetary

USE planetary radiation

radiation, plasma

USE plasma radiation

radiation, polarized

USE polarized radiation

radiation, polarized electromagnetic

USE polarized electromagnetic radiation

radiation, post-blast nuclear

USE post-blast nuclear radiation

radiation pressure

radiation protection

radiation, pulsed

USE pulsed radiation

radiation pyrometers

radiation, radio frequency

USE radio waves

radiation, reflected

USE reflected waves

radiation, refracted

USE refracted waves

radiation, relic

USE relic radiation

radiation resistance

USE radiation tolerance

radiation, resonance

USE resonance fluorescence

radiation shielding

radiation shielding, solar

USE solar radiation shielding

radiation, short wave

USE short wave radiation

radiation sickness

radiation, sky

USE sky radiation

radiation, solar

USE solar radiation

radiation, solar corpuscular

USE solar corpuscular radiation

(radiation), solar plasma

USE solar wind

radiation sources

radiation, space

USE extraterrestrial radiation

radiation spectra

radiation spectroscopy, nuclear

USE nuclear radiation spectroscopy

radiation, stellar

USE stellar radiation

radiation, Stokes law of

USE Stokes law of radiation

radiation, stratosphere

USE stratosphere radiation

radiation, synchrotron

USE synchrotron radiation

radiation, terrestrial

USE terrestrial radiation

radiation therapy

radiation, thermal
USE thermal radiation

radiation tolerance

radiation transport

radiation trapping

radiation, tropospheric
USE tropospheric radiation

radiation, ultrasonic
USE ultrasonic radiation

radiation, ultraviolet
USE ultraviolet radiation

radiation, vacuum ultraviolet
USE far ultraviolet radiation

radiation, visible
USE light (visible radiation)

radiation, wave
USE electromagnetic radiation

radiation 1 satellite, solar
USE solar radiation 1 satellite

radiation 3 satellite, solar
USE solar radiation 3 satellite

radiative heat transfer

radiative lifetime

radiative recombination

radiative transfer

radiators

radiators, condenser
USE condensers (liquefiers)
heat radiators

radiators, heat
USE heat radiators

radiators, space
USE spacecraft radiators

radiators, spacecraft
USE spacecraft radiators

radical, amino
USE amino radical

radical, vanadyl
USE vanadyl radical

radical, vinyl
USE vinyl radical

radicals

radicals, free
USE free radicals

radicals, hydroxyl
USE hydroxyl radicals

radii

radio altimeters

radio antenna grid (navy), underground
USE Seafarer project

radio antennas

radio astronomy

Radio Astronomy Explorer B
USE Explorer 49 satellite

Radio Astronomy Explorer satellite

Radio Astronomy Explorer 2
USE Explorer 49 satellite

radio attenuation

Radio Attenuation Measurement project

radio auroras

radio beacon ionospheric sounder, orbiting
USE ORBIS

radio beacons

radio blackout, polar
USE polar radio blackout

radio broadcasting
USE broadcasting

radio bursts

radio bursts, solar
USE solar radio bursts

radio communication

radio control

radio detection and ranging
USE radar

radio direction finders

(radio), direction finders
USE radio direction finders

radio echoes

radio electronics

radio emission

radio emission, solar
USE solar radio emission

radio equipment

radio equipment, ultra short wave
USE very high frequency radio equipment

radio equipment, very high frequency
USE very high frequency radio equipment

radio filters

radio frequencies

radio frequencies, extremely low
USE extremely low radio frequencies

radio frequency discharge

radio frequency heating

radio frequency impedance probes

radio frequency interference

radio frequency ion thruster engines
USE RIT engines

radio frequency noise
USE electromagnetic noise

radio frequency radiation
USE radio waves

radio frequency shielding

radio galaxies

radio horizons

radio interference
USE radio frequency interference

radio interferometers

(radio interferometry network), Orion
USE Orion (radio interferometry network)

radio jets (astronomy)

Radio Meteor Project, Harvard
USE Harvard Radio Meteor Project

radio meteorology

radio meteors

radio navigation

radio observation

radio occultation

radio physics

radio probing

radio propagation
USE radio transmission

radio propagation, transhorizon
USE transhorizon radio propagation

radio range

radio ranges
USE radio beacons

radio ranges, omnidirectional
USE omnidirectional radio ranges

radio receivers

radio reception

radio reflection
USE radio echoes

radio relay systems

radio scattering

radio signal attenuation
USE radio attenuation

radio signal transmission
USE radio transmission

radio signals

radio sources (astronomy)

radio sources, extragalactic
USE extragalactic radio sources

(radio sources), QSO
USE quasars

radio sources, quasi-stellar
USE quasars

radio spectra

radio spectroscopy

radio stars

radio telegraphy

radio telemetry

radio telescopes

radio tracking

radio transmission

radio transmission, short wave
USE short wave radio transmission

radio transmitters

radio wave refraction

radio waves

radio waves, cosmic
USE extraterrestrial radio waves

radio waves, extraterrestrial

radio waves, extraterrestrial
USE extraterrestrial radio waves

radio waves, galactic
USE galactic radio waves

radio waves, solar
USE solar radio emission

radioactive age determination

radioactive contaminants

radioactive dating
USE radioactive age determination

radioactive debris

radioactive decay

radioactive elements
USE radioactive isotopes

radioactive isotopes

radioactive materials

radioactive nuclides
USE radioactive isotopes

radioactive wastes

radioactivity

(radioactivity), washout
USE fallout

radiobiology

radiocardiography

radiochemical separation

radiochemistry

radiogenic materials

radiogoniometers

radiography

radiography, auto
USE autoradiography

radiography, neutron
USE neutron radiography

radioimmunoassay

radioisotope batteries

radiolocation, wildlife
USE wildlife radiolocation

radiology

radiolysis

radiometeorographs

Radiometer, Advanced Very High Resolution
USE Advanced Very High Resolution Radiometer

radiometer, visible infrared spin scan
USE visible infrared spin scan radiometer

radiometers

radiometers, Dicke
USE Dicke radiometers

radiometers, Dicke type
USE Dicke radiometers

radiometers, infrared
USE infrared radiometers

radiometers, microwave
USE microwave radiometers

radiometers, passive L-band
USE passive L-band radiometers

radiometers, pressure modulator
USE pressure modulator radiometers

radiometers, spectro
USE spectroradiometers

radiometric correction

radiometric rectification
USE radiometric correction

radiometric resolution

radionuclides
USE radioactive isotopes

radiopathology

radiophosphors

radioprotective agents
USE antiradiation drugs

radiosensitivity
USE radiation tolerance

radiosondes

radiosondes, endo
USE endoradiosondes

radiotelephones

radiotherapy
USE radiation therapy

radium

radium isotopes

radium 226

radius
USE radii

radius, Larmor
USE Larmor radius

radome materials

radomes

radon

radon isotopes

Raduga satellite

RAE B
USE Explorer 49 satellite

RAE 1
USE Explorer 49 satellite

RAE 2
USE Explorer 49 satellite

RAE-1
USE Explorer 38 satellite

rafts

rafts, life
USE life rafts

rail transportation

railgun accelerators

railroad humping tests

railroads
USE rail transportation

rails

rain

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rain, acid
USE acid rain

rain erosion

rain forests

rain gages

rain impact damage

rainbows

raindrops

rainmaking

rainstorms

rakes

RAM

RAM B launch vehicle

ram effect, hydrodynamic
USE hydrodynamic ram effect

RAM project
USE Radio Attenuation Measurement project

Raman effect
USE Raman spectra

Raman lasers

Raman scattering
USE Raman spectra

Raman spectra

Raman spectroscopy

Raman spectroscopy, coherent anti-Stokes
USE Raman spectroscopy

ramjet engines

ramjet engines, low volume
USE low volume ramjet engines

ramjet engines, nuclear
USE nuclear ramjet engines

ramjet engines, supersonic combustion
USE supersonic combustion ramjet engines

ramjet missiles

ramjets, integral rocket
USE integral rocket ramjets

ramp functions

ramps

ramps (structures)

rams (presses)

rams (pumps)

Ramsauer effect

rand project

random access

random access memory

random distributions
USE statistical distributions

random errors

random loads

random noise

random numbers

- random processes
- random sampling
- random signals
- random variables
- random vibration
- random walk
- range
 - range and orbit determination, airborne
 - USE airborne range and orbit determination
 - range and range rate tracking
 - range ballistic missiles, intermediate
 - USE intermediate range ballistic missiles
 - range ballistic missiles, short
 - USE short range ballistic missiles
 - Range (CA-OR-WA), Cascade
 - USE Cascade Range (CA-OR-WA)
 - range control
 - USE trajectory control
 - range, down
 - USE downrange
 - range, dynamic
 - USE dynamic range
 - range errors
 - range (extremes)
 - range finders
 - range finders, laser
 - USE laser range finders
 - range finders, optical
 - USE optical range finders
 - range indicators
 - USE range finders
 - Range Instrumentation Aircraft, Advanced
 - USE Advanced Range Instrumentation Aircraft
 - Range Instrumentation Ship, Advanced
 - USE Advanced Range Instrumentation Ship
 - range measurement
 - USE rangefinding
 - range navigation, long
 - USE loran
 - range navigation, short
 - USE Shoran
 - range, optical slant
 - USE optical slant range
 - range, radar
 - USE radar range
 - range, radio
 - USE radio range
 - range rate tracking, range and
 - USE range and range rate tracking
 - range, reentry
 - USE reentry range
 - range resources
 - range safety
 - range weather forecasting, long
 - USE long range weather forecasting
 - Range (WY), Wind River
 - USE Wind River Range (WY)
 - (range-orbit determination), AROD
 - USE airborne range and orbit determination
 - rangefinding
 - rangefinding, lunar
 - USE lunar rangefinding
 - rangelands
 - Rangemaster aircraft
 - USE G-1 aircraft
 - Rangemaster aircraft, Navion
 - USE G-1 aircraft
 - Ranger block 3 television system
 - Ranger lunar landing vehicles
 - Ranger lunar probes
 - Ranger Program, Agena B
 - USE Agena B Ranger Program
 - Ranger project
 - Ranger satellites
 - USE Ranger lunar probes
 - Ranger 1 lunar probe
 - Ranger 2 lunar probe
 - Ranger 3 lunar probe
 - Ranger 4 lunar probe
 - Ranger 5 lunar probe
 - Ranger 6 lunar probe
 - Ranger 7 lunar probe
 - Ranger 8 lunar probe
 - Ranger 9 lunar probe
 - ranger/tracker, laser
 - USE laser ranger/tracker
 - ranges, ballistic
 - USE ballistic ranges
 - ranges (CA), coastal
 - USE coastal ranges (CA)
 - Ranges (CA), Peninsular
 - USE Peninsular Ranges (CA)
 - ranges (facilities)
 - ranges, frequency
 - USE frequency ranges
 - ranges, missile
 - USE missile ranges
 - ranges, omnidirectional radio
 - USE omnidirectional radio ranges
 - ranges, radio
 - USE radio beacons
 - ranges, test
 - USE test ranges
 - ranging
 - USE rangefinding
 - Ranging Radar, North American Search and
 - USE North American Search and Ranging Radar
 - ranging, radio detection and
 - USE radar
 - ranging, sound
 - USE sound ranging
 - ranging, sound detecting and
 - USE sound detecting and ranging
 - ranging, sound fixing and
 - USE sound fixing and ranging
 - rank tests
 - Rankine cycle
 - Rankine-Hugoniot relation
 - ranking
 - Raoult law
 - RAPCON (control)
 - USE radar approach control
 - Raphson method, Newton-
 - USE Newton-Raphson method
 - rapid ballistics identification
 - rapid eye movement state
 - rapid quenching (metallurgy)
 - rapid solidification
 - USE rapid quenching (metallurgy)
 - solidification
 - rapid transit systems
 - rapids
 - Rapids (IA), Cedar
 - USE Cedar Rapids (IA)
 - rare earth alloys
 - rare earth compounds
 - rare earth elements
 - rare gas compounds
 - rare gas-halide lasers
 - rare gases
 - rarefaction
 - rarefaction waves
 - USE elastic waves
 - rarefied gas dynamics
 - rarefied gases
 - rarefied plasmas
 - rasers
 - USE masers
 - raster scanning
 - rate, bit error
 - USE bit error rate
 - rate, burning
 - USE burning rate
 - rate (communications), transmission
 - USE transmission rate (communications)
 - rate computers, counting
 - USE counting rate computers
 - rate, drift
 - USE drift rate
 - rate, electron decay
 - USE electron decay rate
 - rate, evaporation
 - USE evaporation rate
 - rate, flow
 - USE flow velocity
 - (rate), flux
 - USE flux (rate)

rate, heart

rate, heart

USE heart rate

rate, lapse

USE lapse rate

rate, loading

USE loading rate

rate, mass flow

USE mass flow rate

rate meters

USE measuring instruments

rate of climb indicators

(rate per unit area), flux

USE flux density

rate, pulse

USE pulse rate

rate, pulse repetition

USE pulse repetition rate

rate, reaction

USE reaction kinetics

rate, respiratory

USE respiratory rate

rate, signal fading

USE signal fading rate

rate, star formation

USE star formation rate

rate, strain

USE strain rate

rate, strain energy release

USE strain energy release rate

rate tracking, range and range

USE range and range rate tracking

(rate/area), density

USE flux density

rates, collision

USE collision rates

rates, decay

USE decay rates

rates, ion production

USE ion production rates

rates (per time)

ratings

ratio, aspect

USE aspect ratio

ratio, bypass

USE bypass ratio

ratio, compression

USE compression ratio

ratio, fineness

USE fineness ratio

ratio, fuel-air

USE fuel-air ratio

ratio, hematocrit

USE hematocrit ratio

ratio, high aspect

USE high aspect ratio

ratio, lift drag

USE lift drag ratio

ratio, likelihood

USE likelihood ratio

ratio, low aspect

USE low aspect ratio

ratio, Mills

USE Mills ratio

ratio, payload mass

USE payload mass ratio

ratio, Poisson

USE Poisson ratio

ratio, pressure

USE pressure ratio

ratio, propellant mass

USE propellant mass ratio

(ratio), scale

USE scale (ratio)

ratio, stress

USE stress ratio

ratio, temperature

USE temperature ratio

ratio, thickness

USE thickness ratio

ratio, thrust-weight

USE thrust-weight ratio

ratio, void

USE void ratio

ratio wings, high aspect

USE slender wings

ratio wings, low aspect

USE low aspect ratio wings

ratioing, band

USE band ratioing

ratimeters

rational functions

rations

rations, space

USE space rations

ratios

ratios, carrier to noise

USE carrier to noise ratios

(ratios), indexes

USE indexes (ratios)

ratios, mass

USE mass ratios

ratios, mass to light

USE mass to light ratios

ratios, mixing

USE mixing ratios

ratios, modular

USE modular ratios

ratios, signal to noise

USE signal to noise ratios

ratios, standing wave

USE standing wave ratios

rats

RATSCAT program

USE radar target scatter site program

Raven helicopter

USE OH-23 helicopter

ravines

rawinsondes

NASA THESAURUS VOLUME 2

ray absorptiometry, gamma

USE gamma ray absorptiometry

ray absorption, gamma

USE gamma ray absorption

ray absorption, X

USE X ray absorption

ray acoustics

USE geometrical acoustics

ray albedo, cosmic

USE cosmic ray albedo

ray analysis, X

USE X ray analysis

ray apparatus, X

USE X ray apparatus

Ray Astronomy Explorer, Gamma

USE Explorer 11 satellite

ray astronomy, gamma

USE gamma ray astronomy

ray astronomy, X

USE X ray astronomy

Ray Astrophysics Facility, Advanced X

USE X Ray Astrophysics Facility

Ray Astrophysics Facility, X

USE X Ray Astrophysics Facility

ray beams, gamma

USE gamma ray beams

ray binaries, x

USE x ray binaries

ray bursts, cosmic gamma

USE gamma ray bursts

ray bursts, gamma

USE gamma ray bursts

ray density measurement, X

USE X ray density measurement

ray detectors, x

USE x ray detectors

ray diffraction, X

USE X ray diffraction

ray fluorescence, X

USE X ray fluorescence

ray imagery, x

USE x ray imagery

Ray Imaging Scopes, Low Intensity X

USE lixiscopes

ray inspection, X

USE X ray inspection

ray irradiation, X

USE X ray irradiation

ray lasers, gamma

USE gamma ray lasers

ray lasers, X

USE X ray lasers

Ray Observatory, Gamma

USE Gamma Ray Observatory

ray optics

USE geometrical optics

ray primaries, heavy cosmic

USE primary cosmic rays
heavy nuclei

ray scattering, X

USE X ray scattering

ray showers, cosmic
USE cosmic ray showers

ray sources, X
USE X ray sources

ray spectra, gamma
USE gamma ray spectra

ray spectra, X
USE X ray spectra

ray spectrography, X
USE X ray spectroscopy

ray spectrometers, gamma
USE gamma ray spectrometers

ray spectrometry, X
USE X ray spectroscopy

Ray Spectropolarimetry Payload, X
USE EXPOS (Spacelab payload)

ray spectroscopy, X
USE X ray spectroscopy

ray stars, x
USE x ray stars

ray stress analysis, X
USE X ray stress analysis

ray stress measurement, X
USE X ray stress measurement

ray telescopes, gamma
USE gamma ray telescopes

ray telescopes, X
USE X ray telescopes

ray timing Explorer, x
USE x ray timing Explorer

ray tracing

ray tubes, cathode
USE cathode ray tubes

ray tubes, x
USE x ray tubes

Rayet stars, Wolf-
USE Wolf-Rayet stars

Rayleigh distribution

Rayleigh equations

Rayleigh number

Rayleigh scattering

Rayleigh waves

Rayleigh-Benard convection

Rayleigh-Ritz method

rayon

rays

rays, cosmic
USE cosmic rays

rays, cosmic x
USE cosmic x rays

rays, galactic cosmic
USE galactic cosmic rays

rays, gamma
USE gamma rays

rays, lunar
USE lunar rays

rays, primary cosmic
USE primary cosmic rays

rays, reflected
USE reflected waves

rays, refracted
USE refracted waves

rays, secondary cosmic
USE secondary cosmic rays

rays, solar cosmic
USE solar cosmic rays

rays, solar x-
USE solar x-rays

rays, x
USE x rays

Raytheon computers

razor blades

Rb
USE rubidium

RB-47 aircraft
USE B-47 aircraft

RB-50 aircraft

RB-57 aircraft
USE B-57 aircraft

RB-66 aircraft
USE B-66 aircraft

RBE
USE relative biological effectiveness (RBE)

(RBE), relative biological effectiveness
USE relative biological effectiveness (RBE)

RC circuits

RC networks
USE RC circuits

RCA computers

RCA Satcom satellites

RCA spectra 70 computer

RCA-110 computers

RCB stars
USE R Coronae Borealis stars

RDX

Re
USE rhenium

reactance

reactance amplifiers
USE parametric amplifiers

reacting flow

reacting flow, chemically
USE reacting flow

reaction

reaction bonding

reaction control

reaction control, chemical
USE chemical reaction control

reaction, Friedel-Craft
USE Friedel-Craft reaction

(reaction inhibition), poisoning
USE poisoning (reaction inhibition)

reaction jet backpacks
USE self maneuvering units

reaction jets
USE jet thrust
jet flow

reaction kinetics

reaction, Michael
USE Michael reaction

reaction products

reaction rate
USE reaction kinetics

reaction, Sabatier
USE Sabatier reaction

reaction time

reaction wheels

reactions, annihilation
USE annihilation reactions

reactions, association
USE association reactions

reactions, chemical
USE chemical reactions

reactions, Diels-Alder
USE Diels-Alder reactions

reactions, endothermic
USE endothermic reactions

reactions, exothermic
USE exothermic reactions

reactions, Grignard
USE Grignard reactions

reactions, human
USE human reactions

reactions, ionic
USE ionic reactions

reactions, metal-water
USE metal-water reactions

reactions, nuclear
USE nuclear reactions

reactions, oxidation-reduction
USE oxidation-reduction reactions

reactions, photochemical
USE photochemical reactions

reactions, photonuclear
USE photonuclear reactions

reactions, proton-proton
USE proton-proton reactions

reactions, recombination
USE recombination reactions

reactions, surface
USE surface reactions

reactions, thermonuclear
USE thermonuclear reactions

reactivity

reactor, advanced sodium cooled
USE advanced sodium cooled reactor

reactor, ASCR
USE advanced sodium cooled reactor

reactor, Astron thermonuclear
USE Astron thermonuclear reactor

reactor, ATR
USE advanced test reactors

reactor chemistry
USE radiochemistry

reactor control, nuclear

reactor control, nuclear
USE nuclear reactor control

reactor cores

reactor design

reactor, EBR-1
USE Experimental Breeder Reactor 1

reactor, EBR-2
USE Experimental Breeder Reactor 2

(reactor), EBWR
USE experimental boiling water reactors

(reactor), EGCR
USE experimental gas cooled reactors

(reactor), EOOR
USE experimental organic cooled reactors

Reactor Experiment, Lithium Cooled
USE Lithium Cooled Reactor Experiment

reactor experiment, sodium
USE sodium reactor experiment

reactor fuels
USE nuclear fuels

reactor, Halden
USE Halden Boiling Water Reactor

Reactor, Halden Boiling Water
USE Halden Boiling Water Reactor

reactor, HBWR
USE Halden Boiling Water Reactor

Reactor, Health Physics Research
USE Health Physics Research Reactor

Reactor, HERO
USE HERO Reactor

(reactor), HFIR
USE high flux isotope reactors

reactor in flight test program
USE RIFT (reactor in flight test)

(reactor in flight test), RIFT
USE RIFT (reactor in flight test)

(reactor), inertial fusion
USE inertial fusion (reactor)

Reactor, Janus
USE Janus Reactor

Reactor, KIWI B-1
USE KIWI B-1 Reactor

Reactor, KIWI B-4
USE KIWI B-4 Reactor

Reactor, LCRE
USE Lithium Cooled Reactor Experiment

Reactor, Livermore Pool Type
USE Livermore Pool Type Reactor

Reactor, Los Alamos Molten Plutonium
USE Los Alamos Molten Plutonium Reactor

Reactor, Los Alamos Turret
USE high temperature nuclear reactors

Reactor, Los Alamos Water Boiler
USE Los Alamos Water Boiler Reactor

Reactor, LPTR
USE Livermore Pool Type Reactor

reactor materials

reactor, orgel
USE organic cooled reactors

reactor, Pathfinder nuclear
USE Pathfinder nuclear reactor

reactor, Phoebus nuclear
USE Phoebus nuclear reactor

reactor, physical constants testing
USE nuclear research and test reactors
water cooled reactors

reactor physics

Reactor, Plum Brook
USE Plum Brook Reactor

reactor, plutonium recycle test
USE plutonium recycle test reactor

(reactor), PRTR
USE plutonium recycle test reactor

reactor safety

reactor sites, offshore
USE offshore reactor sites

reactor, snaptran
USE snaptran reactor

reactor, spectral shift control
USE spectral shift control reactor

reactor, SRE
USE sodium reactor experiment

reactor startup tests

reactor technology

Reactor Test Facility, Transient
USE Transient Reactor Test Facility

reactor, tory 2
USE tory 2 reactor

reactor, Tory 2-A
USE Tory 2-A reactor

reactor, tory 2-C
USE tory 2-C reactor

reactor, zeta thermonuclear
USE zeta thermonuclear reactor

Reactor 1, Experimental Breeder
USE Experimental Breeder Reactor 1

Reactor 2, Experimental Breeder
USE Experimental Breeder Reactor 2

reactor 2, tower shielding
USE tower shielding reactor 2

reactor 2, zero power
USE zero power reactor 2

reactor 3, zero power
USE zero power reactor 3

reactor 6, zero power
USE zero power reactor 6

reactor 9, zero power
USE zero power reactor 9

reactors

reactors, advanced test
USE advanced test reactors

reactors, annular core pulse
USE annular core pulse reactors

reactors, bio
USE bioreactors

reactors), blankets (fission
USE blankets (fission reactors)

reactors), blankets (fusion
USE blankets (fusion reactors)

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reactors, boiling water
USE boiling water reactors

reactors, breeder
USE breeder reactors

reactors, chemical
USE chemical reactors

reactors, electric
USE electric reactors

reactors, engineering test
USE engineering test reactors

(reactors), ETR
USE engineering test reactors

reactors, experimental boiling water
USE experimental boiling water reactors

reactors, experimental gas cooled
USE experimental gas cooled reactors

reactors, experimental organic cooled
USE experimental organic cooled reactors

reactors, fast nuclear
USE fast nuclear reactors

reactors, fast oxide
USE fast oxide reactors

reactors, fast test
USE fast test reactors

reactors), fuel elements (nuclear
USE nuclear fuel elements

reactors, fusion
USE fusion reactors

reactors, fusion-fission hybrid
USE fusion-fission hybrid reactors

reactors, gas
USE gas reactors

reactors, gas cooled
USE gas cooled reactors

reactors, gas cooled fast
USE gas cooled fast reactors

reactors, gaseous fission
USE gaseous fission reactors

(reactors), GCR
USE gas cooled reactors

reactors, Hanford
USE Hanford reactors

reactors, heavy water
USE heavy water reactors

reactors, heavy water components test
USE heavy water components test reactors

reactors, high flux beam
USE high flux beam reactors

reactors, high flux isotope
USE high flux isotope reactors

reactors, high temperature gas cooled
USE high temperature gas cooled reactors

reactors, high temperature nuclear
USE high temperature nuclear reactors

reactors, KIWI
USE KIWI reactors

reactors, KIWI B
USE KIWI B reactors

reactors, KIWI rocket
USE KIWI reactors

reactors, light water
USE light water reactors

reactors, light water breeder
USE light water breeder reactors

reactors), limiters (fusion)
USE limiters (fusion reactors)

reactors, liquid cooled
USE liquid cooled reactors

reactors, liquid metal cooled
USE liquid metal cooled reactors

reactors, liquid metal fast breeder
USE liquid metal fast breeder reactors

(reactors), LMCR
USE liquid metal cooled reactors

reactors, materials testing
USE nuclear research and test reactors

reactors, MCR
USE military compact reactors

reactors, military compact
USE military compact reactors

reactors, molten salt nuclear
USE molten salt nuclear reactors

reactors, MSRE
USE molten salt nuclear reactors

reactors, NRX
USE NRX reactors

reactors, nuclear
USE nuclear reactors

reactors, nuclear power
USE nuclear power reactors

reactors, nuclear research and test
USE nuclear research and test reactors

reactors, nuclear test
USE nuclear research and test reactors

reactors, organic cooled
USE organic cooled reactors

reactors, organic moderated
USE organic moderated reactors

(reactors), PBRE
USE pebble bed reactors

reactors, pebble bed
USE pebble bed reactors

reactors, plasma core
USE plasma core reactors

reactors, Pluto
USE Pluto reactors

reactors, power
USE power reactors

reactors, pressurized water
USE pressurized water reactors

reactors, saturable
USE saturable reactors

reactors), SGR (nuclear)
USE sodium graphite reactors

reactors, sodium graphite
USE sodium graphite reactors

reactors, space power
USE space power reactors

reactors, space power unit
USE space power unit reactors

reactors, Spert
USE Spert reactors

(reactors), SPUR
USE space power unit reactors

(reactors), SR
USE saturable reactors

reactors, swimming pool
USE swimming pool reactors

reactors, thermal
USE thermal reactors

reactors, thermionic
USE ion engines
nuclear rocket engines

reactors), UHTREX (nuclear)
USE high temperature nuclear reactors

reactors, water cooled
USE water cooled reactors

reactors, water moderated
USE water moderated reactors

reactors, zero power
USE zero power reactors

reactors, ZPR
USE zero power reactors

read-only memory devices

read-only memory devices, compact disk
USE optical disks

readers

readiness monitor, automatic light aircraft
USE ALARM project

reading

reading, lip
USE lip reading

reading machines
USE readers

readjustment
USE adjusting

readout

readout systems, data
USE data systems
display devices

reagent, Karl Fischer
USE Karl Fischer reagent

reagents

real gases

real numbers

real time operation

real variables

(real variables), integration
USE measure and integration

reality, virtual
USE virtual reality

reality), VR (virtual)
USE virtual reality

rearward facing steps
USE backward facing steps

reattached flow

reattachment
USE attachment

REB
USE relativistic electron beams

rebreathing

receivers

receivers, instrument
USE instrument receivers

receivers, linear
USE linear receivers

receivers, logarithmic
USE logarithmic receivers

receivers, radar
USE radar receivers

receivers, radio
USE radio receivers

receivers, solar
USE solar collectors

receivers, superheterodyne
USE superheterodyne receivers

receivers, television
USE television receivers

receivers, transmitter
USE transmitter receivers

receiving

receiving laboratory, lunar
USE lunar receiving laboratory

receiving systems
USE receivers

receptacles (containers)
USE containers

reception
USE receiving

reception diversity

reception, homodyne
USE homodyne reception

reception, radar
USE radar reception

reception, radio
USE radio reception

reception, signal
USE signal reception

reception, television
USE television reception

receptors, baro
USE baroreceptors

receptors, chemo
USE chemoreceptors

receptors, gravi
USE gravireceptors

receptors, mechano
USE mechanoreceptors

receptors, photo
USE photoreceptors

receptors (physiology)

receptors, thermo
USE thermoreceptors

recesses

recession

recharging

reciprocal theorems

reciprocal theorems

reciprocating engines
USE piston engines

reciprocation

reciprocity theorem

recirculation
USE circulation

recirculative fluid flow

reckoning, dead
USE dead reckoning

reclamation

reclamation, water
USE water reclamation

recognition

recognition, automatic pattern
USE pattern recognition

recognition, character
USE character recognition

recognition, machine
USE artificial intelligence

recognition, pattern
USE pattern recognition

recognition, speech
USE speech recognition

recognition, target
USE target recognition

recoil atoms

recoil ions

recoil protons

recoilings

recombination, atomic
USE atomic recombination

recombination coefficient

recombination, electron
USE electron recombination

recombination, electron-ion
USE electron-ion recombination

recombination, ion
USE ion recombination

recombination, oxygen
USE oxygen recombination

recombination, radiative
USE radiative recombination

recombination reactions

recombinations, hydrogen
USE hydrogen recombinations

recommendations

recompression
USE compressing

Reconn Electric Spacecraft, Advanced
USE Advanced Reconn Electric Spacecraft

reconnaissance

reconnaissance, aerial
USE aerial reconnaissance

reconnaissance aircraft

reconnaissance aircraft, light armed
USE COIN AIRCRAFT

reconnaissance aircraft, weather
USE weather reconnaissance aircraft

reconnaissance, photo
USE photoreconnaissance

reconnaissance spacecraft

reconnaissance spacecraft, photo
USE photo reconnaissance spacecraft

reconnaissance, spectral
USE spectral reconnaissance

(reconnaissance sys), AIRS
USE airborne integrated reconnaissance system

reconnaissance system, airborne integrated
USE airborne integrated reconnaissance system

reconnection, magnetic field
USE magnetic field reconnection

reconstruction

reconstruction, image
USE image reconstruction

reconstruction, wave front
USE wave front reconstruction

recorders

recorders, cable force
USE cable force recorders

recorders, data
USE data recorders

recorders, flight
USE flight recorders

recorders, flight load
USE flight load recorders

recorders, force vector
USE force vector recorders

recorders, magnetic tape
USE magnetic recording
tape recorders

recorders, pressure
USE pressure recorders

recorders, pulse
USE counters

recorders, tape
USE tape recorders

recorders, video tape
USE video tape recorders

recorders, VLF emission
USE VLF emission recorders

recorders, weather data
USE weather data recorders

recorders, whistler
USE whistler recorders

recording

recording, data
USE data recording

recording heads

recording instruments

recording, magnetic
USE magnetic recording

recording, photographic
USE photographic recording

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recording, prediction
USE prediction recording

recording systems, electronic
USE electronic recording systems

records

records management

recoverability

recoverable launch vehicles

recoverable satellites
USE recoverable spacecraft

recoverable spacecraft

recovery

recovery, booster
USE booster recovery

recovery capsules, Discoverer
USE Discoverer recovery capsules

recovery diodes, step
USE step recovery diodes

recovery, gas
USE gas recovery

recovery, loop transfer
USE loop transfer recovery

recovery, materials
USE materials recovery

recovery, oil
USE oil recovery

recovery parachutes

recovery, pressure
USE pressure recovery

recovery, soft
USE soft landing

recovery, spacecraft
USE spacecraft recovery

recovery vehicles

recovery, water
USE water reclamation

recovery zones

recreation

recrystallization

rectangles

rectangular beams

rectangular coordinates
USE Cartesian coordinates

rectangular drainage
USE drainage patterns

rectangular panels

rectangular planforms

rectangular plates

rectangular waveguides

rectangular wind tunnels

rectangular wings

rectennas

rectification

rectification (imagery), geometric
USE geometric rectification (imagery)

rectification, radiometric
USE radiometric correction

rectifier antennas
USE rectennas

rectifiers

rectifiers, crystal
USE crystal rectifiers

rectifiers, germanium
USE germanium diodes

rectifiers, photographic
USE photographic rectifiers

(rectifiers), SCR
USE silicon controlled rectifiers

rectifiers, silicon
USE crystal rectifiers

rectifiers, silicon controlled
USE silicon controlled rectifiers

rectum

recuperators
USE regenerators

recursion formulas
USE recursive functions

recursive functions

recycle test reactor, plutonium
USE plutonium recycle test reactor

recycling

red arcs

red blood cells
USE erythrocytes

red dwarf stars

red giant stars

Red Sea

red shift

red spot, Jupiter
USE Jupiter red spot

red tide

reddening, interstellar
USE interstellar extinction

Redeye missile

Redox cells

reduced gravity
USE microgravity

reduced order filters

reduction

reduction (chemistry)

reduction, cost
USE cost reduction

reduction, data
USE data reduction

reduction, drag
USE drag reduction

reduction, friction
USE friction reduction

reduction (mathematics)
USE optimization

reduction, noise
USE noise reduction

reduction, pressure
USE pressure reduction

reduction reactions, oxidation-
USE oxidation-reduction reactions

reduction, sidelobe
USE sidelobe reduction

reduction, spin
USE spin reduction

reduction), TARE (data)
USE data reduction

reduction, weight
USE weight reduction

redundancy

redundancy encoding

redundant components

redundant structures
USE redundant components

Reed-Solomon codes

reeds (plants)

reefs

reefs, atoll
USE coral reefs

reefs, coral
USE coral reefs

reels

reentry

reentry bodies
USE reentry vehicles

reentry bodies, maneuverable
USE maneuverable reentry bodies

reentry body, Mark 1
USE Mark 1 reentry body

reentry body, Mark 2
USE Mark 2 reentry body

reentry body, Mark 3
USE Mark 3 reentry body

reentry body, Mark 4
USE Mark 4 reentry body

reentry body, Mark 5
USE Mark 5 reentry body

reentry body, Mark 6
USE Mark 6 reentry body

reentry body, Mark 11
USE Mark 11 reentry body

reentry body, Mark 12
USE Mark 12 reentry body

reentry body, Mark 17
USE Mark 17 reentry body

reentry breakup
USE spacecraft breakup

reentry communication

reentry decoys

reentry effects

reentry gliders
USE lifting reentry vehicles

reentry guidance

reentry, hyperbolic
USE hyperbolic reentry

reentry, hypersonic
USE hypersonic reentry

reentry, manned
USE manned reentry

reentry physics

reentry range

reentry shielding

reentry, spacecraft
USE spacecraft reentry

reentry (spacecraft), uncontrolled
USE uncontrolled reentry (spacecraft)

reentry trajectories

reentry vehicle, FDL-5
USE FDL-5 reentry vehicle

reentry vehicle, HL-10
USE HL-10 reentry vehicle

reentry vehicle, HLD-35
USE HLD-35 reentry vehicle

reentry vehicle, trailblazer 1
USE trailblazer 1 reentry vehicle

reentry vehicle, trailblazer 2
USE trailblazer 2 reentry vehicle

reentry vehicle, X-17
USE X-17 reentry vehicle

reentry vehicles

reentry vehicles, lifting
USE lifting reentry vehicles

reentry vehicles, low observable
USE low observable reentry vehicles

reference adaptive control, model
USE model reference adaptive control

reference atmospheres

(reference lines), axes
USE axes (reference lines)

reference stars

reference systems

reference systems, celestial
USE celestial reference systems

reference systems, inertial
USE inertial reference systems

references (standards)
USE standards

refilling

refined coal, solvent
USE solvent refined coal

refining

refining, electro
USE electrorefining

refining, electroslog
USE electroslog refining

refining, zone
USE zone melting

reflectance

reflectance

reflectance, bidirectional
USE bidirectional reflectance

reflectance, spectral
USE spectral reflectance

reflected radiation
USE reflected waves

reflected rays
USE reflected waves

reflected waves

reflecting telescopes

reflection

reflection coefficient
USE reflectance

reflection, infrared
USE infrared reflection

reflection, ionospheric
USE ionospheric propagation

reflection, Mach
USE Mach reflection

reflection nebulae

reflection, optical
USE optical reflection

reflection, radio
USE radio echoes

reflection, retro
USE retroreflection

reflection, signal
USE signal reflection

reflection, specular
USE specular reflection

reflection, spread
USE spread reflection

reflection, ultraviolet
USE ultraviolet reflection

reflection, wave
USE wave reflection

reflections, radar
USE radar echoes

reflectivity
USE reflectance

reflectivity, bistatic
USE bistatic reflectivity

reflectometers

reflectometers, microwave
USE microwave reflectometers

reflector antennas

reflector antennas, two
USE two reflector antennas

Reflector, Large Deployable
USE Large Deployable Reflector

reflector lasers, distributed Bragg
USE DBR lasers

reflector orbital shot proj, experimental
USE experimental reflector orbital shot proj

reflector satellites
USE passive satellites

reflectors

reflectors, Fresnel
USE Fresnel reflectors

reflectors, parabolic
USE parabolic reflectors

reflectors, parasitic
USE parasitic elements (antennas)

reflectors, radar
USE radar reflectors

reflectors, radar corner
USE radar corner reflectors

reflectors, solar
USE solar reflectors

reflectors, sub
USE subreflectors

reflex, carotid sinus
USE carotid sinus reflex

reflex, Hering-Breuer
USE Hering-Breuer reflex

reflexes

reflexes, conditioned
USE conditioned reflexes

reflexes, respiratory
USE respiratory reflexes

reforestation

refracted radiation
USE refracted waves

refracted rays
• USE refracted waves

refracted waves

refracting telescopes

refraction

refraction, atmospheric
USE atmospheric refraction

refraction, radio wave
USE radio wave refraction

refractive index
USE refractivity

refractivity

refractometers

refractories

refractory coatings

refractory materials

refractory metal alloys

refractory metals

refractory period

Refrasil (trademark)
USE fibers
silicon dioxide

refrigerants

refrigerating

refrigerating machinery

refrigerators

Refsat

refueling

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refueling, air to air
USE air to air refueling

regeneration

regeneration (engineering)

regeneration (physiology)

regenerative cooling

regenerative cycles
USE regeneration (engineering)

regenerative feedback
USE positive feedback

regenerative fuel cells

regenerators

Regge poles

regimes

regimes, Rossby
USE Rossby regimes

region, Caribbean
USE Caribbean region

region, D
USE D region

region, E
USE E region

region, F
USE F region

region, F 1
USE F 1 region

region, F 2
USE F 2 region

region, Fraunhofer
USE far fields

region, Fresnel
USE Fresnel region

Region (GA-NC-SC), Sand Hills
USE Sand Hills Region (GA-NC-SC)

region, lumbar
USE lumbar region

region, M
USE M region

Region (NE), Sand Hills
USE Sand Hills Region (NE)

region, sciatic
USE sciatic region

region, solar transition
USE solar transition region

region (South America), Amazon
USE Amazon region (South America)

region, stagnation
USE stagnation point

Region (US), Central Atlantic
USE Central Atlantic Region (US)

Regional Ecol Test Site, Central Atlantic
USE Central Atlantic Regional Ecol Test Site

Regional Ecological Test Site, Arizona
USE Arizona Regional Ecological Test Site

Regional Experiment, First ISCCP
USE FIRE (climatology)

regional planning

regions

regions, Antarctic
USE Antarctic regions

regions, Arctic
USE Arctic regions

regions, equatorial
USE equatorial regions

regions, H I
USE H I regions

regions, H II
USE H II regions

regions, polar
USE polar regions

regions, remote
USE remote regions

regions, subarctic
USE subarctic regions

regions, subtropical
USE tropical regions
temperate regions

regions, temperate
USE temperate regions

regions, tropical
USE tropical regions

registers

registers (air circulation)

registers (computers)

registers, shift
USE shift registers

registration, pattern
USE pattern registration

regolith

regression analysis

regression coefficients

regression (statistics)
USE regression analysis

regularity

regulating, self
USE automatic control

regulation
USE control

regulation, body temperature
USE thermoregulation

regulation, frequency
USE frequency control

regulation, gene
USE gene expression

regulation, heat
USE temperature control

regulation, speed
USE speed control

regulation, thermo
USE thermoregulation

regulations

regulator, linear
USE linear quadratic regulator

regulator, linear quadratic
USE linear quadratic regulator

regulators

regulators, current
USE current regulators

regulators, flow
USE flow regulators

regulators, fuel flow
USE fuel flow regulators

regulators, oxygen
USE oxygen regulators

regulators, pressure
USE pressure regulators

regulators, speed
USE speed regulators

regulators, voltage
USE voltage regulators

regulatory mechanisms (biology)

Regulus missile

reheating
USE heating

reignition
USE ignition

reinforced composites, particulate
USE particulate reinforced composites

reinforced materials, boron
USE boron reinforced materials

reinforced plastics

reinforced plastics, carbon fiber
USE carbon fiber reinforced plastics

reinforced plastics, glass fiber
USE glass fiber reinforced plastics

reinforced plates

reinforced shells

reinforcement

reinforcement, metal whisker
USE whisker composites

reinforcement (psychology)

reinforcement rings

reinforcement (structures)

reinforcing fibers

reinforcing materials

Reissner theory

Reissner-Nordstrom solution

rejection

rejection devices, heat
USE heat radiators

relation, Rankine-Hugoniot
USE Rankine-Hugoniot relation

relations, employee
USE employee relations

relations, government/industry
USE government/industry relations

relations, human
USE human relations

relations, international
USE international relations

relations, interpersonal
USE human relations

relations, public
USE public relations

relations, stress-strain-time
USE stress-strain-time relations

relationship, Onsager
USE Onsager relationship

relationships

relationships, stress-strain
USE stress-strain relationships

relative biological effectiveness (RBE)

relativistic effects

relativistic electron beams

relativistic particles

relativistic plasmas

relativistic theory

relativistic velocity

relativity

relaxants, muscle
USE muscle relaxants

relaxation

relaxation, chemical
USE molecular relaxation

relaxation, cross
USE cross relaxation

relaxation, magnetic
USE magnetic relaxation

relaxation (mechanics)

relaxation method (mathematics)

relaxation, molecular
USE molecular relaxation

relaxation, nuclear
USE nuclear relaxation

relaxation oscillators

relaxation (physiology)

relaxation, spin-lattice
USE spin-lattice relaxation

relaxation, stress
USE stress relaxation

relaxation time

relaxation, vibrational
USE molecular relaxation

relay

Relay satellites

relay satellites, tracking and data
USE TDR satellites

relay systems, optical
USE optical relay systems

relay systems, radio
USE radio relay systems

Relay 1 satellite

Relay 2 satellite

relays, electric
USE electric relays

Release and Radiation Effects Sat, Combined
USE CRRES (satellite)

release, fiber

release, fiber

USE fiber release

release modules, chemical

USE chemical release modules

release rate, strain energy

USE strain energy release rate

release, store

USE external store separation

releasing

reliability

reliability, aircraft

USE aircraft reliability

reliability analysis

reliability, circuit

USE circuit reliability

reliability, component

USE component reliability

reliability, computer program

USE software reliability

reliability (computers), program

USE software reliability

reliability control

USE reliability engineering
quality control

reliability engineering

reliability, software

USE software reliability

reliability, spacecraft

USE spacecraft reliability

reliability, structural

USE structural reliability

relic radiation

relief maps

relief valves

relieving

relieving, stress

USE stress relieving

relight (in-flight), engine

USE air start

relocation

reluctance

reluctivity

USE reluctance

remagnetization

USE magnetization

remanence

remelting

USE melting

remnants, supernova

USE supernova remnants

remodulation

remote consoles

remote control

remote handling

remote manipulator system

remote regions

remote sensing

Remote Sensing, Crop Inventories by

USE AgRISTARS project

remote sensors

remotely piloted vehicles

removal

removal, carbon dioxide

USE carbon dioxide removal

removal, grinding (material)

USE grinding (material removal)

removal (machining), material

USE machining

REMS

USE rapid eye movement state

renal calculi

USE calculi

renal function

rendezvous

Rendezvous Asteroid Flyby Mission, Comet

USE Comet Rendezvous Asteroid Flyby Mission

rendezvous, Earth orbital

USE Earth orbital rendezvous

(rendezvous), EOR

USE Earth orbital rendezvous

rendezvous guidance

(rendezvous), LOR

USE lunar orbital rendezvous

rendezvous, lunar orbital

USE lunar orbital rendezvous

rendezvous, orbital

USE orbital rendezvous

rendezvous, satellite

USE orbital rendezvous

rendezvous, space

USE space rendezvous

rendezvous, spacecraft

USE space rendezvous

rendezvous spacecraft

rendezvous trajectories

Rene 41

Rene 63

Rene 77

Rene 95

renin activity, plasma

USE immunoassay

renormalization group methods

reorientation

USE retraining

repair, satellite

USE orbital servicing

repairing

USE maintenance

repairing devices, self

USE self repairing devices

repeat query, automatic

USE automatic repeat request

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repeat request, automatic

USE automatic repeat request

repeaters

repetition

repetition rate, pulse

USE pulse repetition rate

replacing

replenishment

replicas

report generators

reporting, ice

USE ice reporting

reports

reports, congressional

USE congressional reports

reports, postlaunch

USE postlaunch reports

reports, Presidential

USE Presidential reports

representation, knowledge

USE knowledge representation

representation, Mandelstam

USE Mandelstam representation

representations

reprocessing, nuclear fuel

USE nuclear fuel reprocessing

reproduction

reproduction (biology)

(reproduction), breeding

USE breeding (reproduction)

reproduction (copying)

reproductive systems

reptiles

Republic aircraft

Republic, Central African

USE Central African Republic

Republic, Chinese Peoples

USE China

Republic, Dominican

USE Dominican Republic

Republic, German Democratic

USE East Germany

Republic, Malagasy

USE Madagascar

Republic military aircraft

USE military aircraft

Republic of China

USE Taiwan

Republic of Germany, Federal

USE West Germany

Republic of Germany, Peoples Democratic

USE East Germany

Republic of Korea

USE South Korea

Republic of Korea, Democratic Peoples

USE North Korea

Republic of South Africa**Republic of Vietnam**

USE Vietnam

repulsion

USE force

request, automatic repeat

USE automatic repeat request

request for retransmission, automatic

USE automatic repeat request

requirements**requirements, airworthiness**

USE aircraft reliability

requirements, caloric

USE caloric requirements

requirements, energy

USE energy requirements

requirements, nutritional

USE nutritional requirements

requirements, user

USE user requirements

rescue operations**Rescue Satellite, Search and**

USE SarSat

research**research aircraft****research aircraft, meteorological**

USE meteorological research aircraft

research aircraft program, tilt rotor

USE tilt rotor research aircraft program

research aircraft, rotor systems

USE rotor systems research aircraft

research and development**research and test reactors, nuclear**

USE nuclear research and test reactors

Research, Committee on Space

USE Committee on Space Research

research facilities**research, high temperature**

USE high temperature research

research laboratories, underwater

USE underwater research laboratories

research, low density

USE low density research

research management**research, market**

USE market research

Research Mission, Geopotential

USE Geopotential Research Mission

research, nuclear

USE nuclear research

research, operations

USE operations research

Research Organization, European Space

USE European Space Agency

Research Organization, Indian Space

USE ISRO

Research Organization sat, European Space

USE ESA satellites

Research Program, Global Atmospheric

USE Global Atmospheric Research Program

research projects**Research Reactor, Health Physics**

USE Health Physics Research Reactor

Research Satellite (UARS), Upper Atmosphere

USE Upper Atmosphere Research Satellite (UARS)

Research Satellites, Environmental

USE Environmental Research Satellites

Research Satellites, Octahedral

USE Environmental Research Satellites

research, supersonic cruise aircraft

USE supersonic cruise aircraft research

research, urban

USE urban research

research vehicles**research wings, aeroelastic**

USE aeroelastic research wings

reserpine**reserves****reservoirs****reset, pneumatic**

USE pneumatic control

residential areas**residential energy****residual gas****residual strength****residual stress****residues****resilience****resin bonding****resin matrix composites****resin transfer molding****resins****resins, acrylic**

USE acrylic resins

resins, addition

USE addition resins

resins, alkyd

USE alkyd resins

resins, chloroprene

USE chloroprene resins

resins, epoxy

USE epoxy resins

resins, furan

USE furan resins

resins, ion exchange

USE ion exchange resins

resins, methacrylate

USE acrylic resins

resins, nylon

USE polyamide resins

resins, phenolic

USE phenolic resins

resins, phenolic epoxy

USE phenolic epoxy resins

resins, polyamide

USE polyamide resins

resins, polyester

USE polyester resins

resins, polyether

USE polyether resins

resins, polyimide

USE polyimide resins

resins, polyurethane

USE polyurethane resins

resins, silicone

USE silicone resins

resins, synthetic

USE synthetic resins

resins, thermoplastic

USE thermoplastic resins

resins, thermosetting

USE thermosetting resins

resistance**resistance, abrasion**

USE abrasion resistance

resistance circuits, negative

USE negative resistance circuits

resistance coefficients

USE resistance

resistance, contact

USE contact resistance

resistance, corrosion

USE corrosion resistance

resistance, creep

USE creep strength

resistance devices, negative

USE negative resistance devices

resistance, earthquake

USE earthquake resistance

resistance, electrical

USE electrical resistance

resistance, fire

USE flammability

resistance, flow

USE flow resistance

resistance, fracture

USE fracture strength

resistance, heat

USE thermal resistance

resistance heating**resistance, high**

USE high resistance

resistance, impact

USE impact resistance

resistance, Kapitza

USE Kapitza resistance

resistance, low

USE low resistance

resistance, moisture

USE moisture resistance

resistance, oxidation

USE oxidation resistance

resistance, radiation

USE radiation tolerance

resistance, shock

resistance, shock

USE shock resistance

resistance, skin

USE skin resistance

resistance, thermal

USE thermal resistance

resistance thermometers

resistance, wave

USE wave resistance

resistance, wear

USE wear resistance

resistant alloys, heat

USE heat resistant alloys

resistant structures, earthquake

USE earthquake resistant structures

resistivity

USE electrical resistivity

resistivity, electrical

USE electrical resistivity

resistivity, magneto

USE magnetoresistivity

resistojet engines

resistojets

USE resistojet engines

resistors

(resistors), potentiometers

USE potentiometers (resistors)

resistors, printed

USE printed resistors

resistors, tunnel

USE resistors
electron tunneling

resolution

resolution, angular

USE angular resolution

resolution, automatic traffic advisory and

USE automatic traffic advisory and resolution

resolution cell

resolution coverage antennas, high

USE high resolution coverage antennas

resolution, high

USE high resolution

resolution, image

USE image resolution

resolution, radar

USE radar resolution

Resolution Radiometer, Advanced Very High

USE Advanced Very High Resolution Radiometer

resolution, radiometric

USE radiometric resolution

resolution, spatial

USE spatial resolution

resolution, spectral

USE spectral resolution

resolution, temporal

USE temporal resolution

resolvers

resolving power

USE resolution

resonance

resonance, baryon

USE baryon resonance

resonance charge exchange

resonance, cyclotron

USE cyclotron resonance

resonance devices, cyclotron

USE cyclotron resonance devices

resonance, electron paramagnetic

USE electron paramagnetic resonance

resonance, electron spin

USE electron paramagnetic resonance

resonance, ferromagnetic

USE ferromagnetic resonance

resonance fluorescence

resonance, ground

USE ground resonance

resonance lines

resonance, magnetic

USE magnetic resonance

resonance, magnetosonic

USE magnetosonic resonance

resonance, mechanical

USE resonant vibration

resonance, meson

USE meson resonance

resonance, microwave

USE microwave resonance

resonance, non

USE nonresonance

resonance, nuclear magnetic

USE nuclear magnetic resonance

resonance, nuclear quadrupole

USE nuclear quadrupole resonance

resonance, optical

USE optical resonance

resonance, paramagnetic

USE paramagnetic resonance

resonance, plasma

USE plasma resonance

resonance probes

resonance, proton

USE proton resonance

resonance, proton magnetic

USE proton magnetic resonance

resonance radiation

USE resonance fluorescence

resonance scattering

resonance, spin

USE spin resonance

resonance testing

resonance tunneling

USE resonant tunneling

resonances (celestial mechanics), orbital

USE orbital resonances (celestial mechanics)

resonant cavities

USE cavity resonators

resonant frequencies

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resonant tunneling

resonant vibration

resonators

resonators, cavity

USE cavity resonators

resonators, Helmholtz

USE Helmholtz resonators

resonators, maser

USE masers

resonators, multimode

USE multimode resonators

resonators, optical

USE optical resonators

resonators, superconducting cavity

USE superconducting cavity resonators

resource allocation

resource sampler, multispectral

USE multispectral resource sampler

resources

resources, cultural

USE cultural resources

resources, Earth

USE Earth resources

Resources Experiment Package, Earth

USE EREP

resources, extraterrestrial

USE extraterrestrial resources

resources, geothermal

USE geothermal resources

resources, human

USE human resources

Resources Information System, Earth

USE Earth Resources Information System

resources, lunar

USE lunar resources

resources management

resources, marine

USE marine resources

Resources Observation Satellites, Earth

USE EROS (satellites)

Resources Program, Earth

USE Earth Resources Program

resources, range

USE range resources

Resources Shuttle Imaging Radar, Earth

USE Earth Resources Shuttle Imaging Radar

Resources Survey aircraft, Earth

USE Earth Resources Survey aircraft

Resources Survey Program, Earth

USE Earth Resources Survey Program

Resources Technology Satellite B, Earth

USE Landsat 2

Resources Technology Satellite C, Earth

USE Landsat 3

Resources Technology Satellite D, Earth

USE Landsat 4

Resources Technology Satellite E, Earth

USE Landsat E

Resources Technology Satellite F, Earth
USE Landsat F

Resources Technology Satellite 1, Earth
USE Landsat 1

Resources Technology Satellites, Earth
USE Landsat satellites

resources, thermal
USE thermal resources

resources, underwater
USE underwater resources

resources, water
USE water resources

respiration

respiration, artificial
USE resuscitation

respirators

respiratory diseases

respiratory impedance

respiratory physiology

respiratory rate

respiratory reflexes

respiratory system

respirometers

responders
USE transponders

response bias

response, dynamic
USE dynamic response

response, electrodermal
USE galvanic skin response

response filters, finite impulse
USE FIR filters

response, frequency
USE frequency response

response, galvanic skin
USE galvanic skin response

response, modal
USE modal response

response, phase
USE frequency response
phase shift

response (psychophysiology), evoked
USE evoked response (psychophysiology)

response, time
USE time response

response time (computers)

response, transient
USE transient response

responses

responses, conditioned
USE conditioning (learning)

responses, hemodynamic
USE hemodynamic responses

responses, physiological
USE physiological responses

rest

rest, bed
USE bed rest

rest cycle, work-
USE work-rest cycle

restartable rocket engines

restoration

restraint devices, air bag
USE air bag restraint devices

restraints
USE constraints

restrictions
USE constrictions

(restrictions), chokes
USE chokes (restrictions)

resultants

resuscitation

retaining

retardants

retardants, fire
USE flame retardants

retardants, flame
USE flame retardants

retarders

retarders (devices)

retarding

retarding ion mass spectrometers
USE mass spectrometers

retention

retention (psychology)

retention, solvent
USE solvent retention

reticles

reticulocytes

reticulum, endoplasmic
USE endoplasmic reticulum

reticulum, sarcoplasmic
USE sarcoplasmic reticulum

retina

retinal adaptation

retinal images

retinene

retinography, electro
USE electroretinography

retirement

retirement for cause

RETORC (torpedoes)
USE torpedoes

retort processing

retractable equipment

retractable landing gear
USE retractable equipment
landing gear

retraining

retransmission, automatic request for
USE automatic repeat request

Retrievable Carrier, European
USE Eureka (ESA)

retrieval

retrieval, data
USE data retrieval

retrieval, information
USE information retrieval

retrieval (STS), payload
USE payload retrieval (STS)

retrieval system, payload deployment &
USE payload deployment & retrieval system

retroaction
USE retrothrust

retrodirective optics, modulating
USE Miros system

retrofiring

retrofitting

retrofitting, acoustic
USE acoustic retrofitting

retroreflection

retroreflectors

retroreflectors, lunar
USE lunar retroreflectors

retorocket engines

retrothrust

return beam vidicons

Return Mission, Mars Rover Sample
USE Mars sample return missions

return missions, Mars sample
USE Mars sample return missions

return to Earth space flight

reusable heat shielding

reusable launch vehicles

reusable rocket engines

reusable spacecraft

Reusable Spacecraft), MARS (Manned
USE MARS (Manned Reusable Spacecraft)

Reusable Spaceship, Manned Aerodynamic
USE MARS (Manned Reusable Spacecraft)

reuse

reuse, frequency
USE frequency reuse

reuse, software
USE software reuse

revenue

reverberation

reverberation chambers

reversal, thrust
USE thrust reversal

reverse engineering

reverse field pinch

reverse osmosis

reverse time

reverse time

USE reaction time

reversed flow

reversing

review technique, program evaluation

USE PERT

review techniques, graphic evaluation and

USE GERT

reviewing

revisions

revolution, bodies of

USE bodies of revolution

revolution (motion)

USE revolving

revolving

reward (psychology)

Reynolds equation

Reynolds law

USE Reynolds equation

Reynolds number

Reynolds number, critical

USE Reynolds number

Reynolds number, high

USE high Reynolds number

Reynolds number, low

USE low Reynolds number

Reynolds stress

RF-4 aircraft

RF-8 aircraft

USE F-8 aircraft

Rh

USE rhodium

RH-2 helicopter

USE UH-1 helicopter

Rhea (astronomy)

rhenum

rhenum alloys

rhenum compounds

rhenum isotopes

rheocasting

rheoelectrical simulation

rheoencephalography

rheology

rheometers

Rhesus factor

rheumatic diseases

rhizopus

rho-mesons

rhodamine

Rhode Island

Rhodesia

USE Zimbabwe

rhodium

rhodium alloys

rhodium compounds

rhodium isotopes

rhodium 102

USE rhodium isotopes

rhodium 106

USE rhodium isotopes

rhombic antennas

rhombohedrons

rhomboids

Rhone Delta (France)

rhyolite

rhythm

rhythm, biological

USE rhythm (biology)

rhythm (biology)

rhythms, circadian

USE circadian rhythms

rhythms, diurnal

USE circadian rhythms

RI

USE Rhode Island

(RI), Block Island Sound

USE Block Island Sound (RI)

ribbon parachutes

ribbons

riblets

riboflavin

ribonucleic acids

ribose

ribs (supports)

Rica, Costa

USE Costa Rica

Riccati equation

rice

Richards theorem

Richardson number

Richardson-Dushman equation

USE thermionic emission
temperature effects

Rico, Puerto

USE Puerto Rico

rider guidance, beam

USE beam rider guidance

riders, wave

USE waveriders

Ridge isochronous cyclotron, Oak

USE Oak Ridge isochronous cyclotron

ridges

ridges, mid-ocean

USE mid-ocean ridges

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ridges, mid-oceanic

USE mid-ocean ridges

ridges, pressure

USE pressure ice

riding quality

Riemann equations, Cauchy-

USE Cauchy-Riemann equations

Riemann integral

USE measure and integration

Riemann manifold

Riemann problem

USE Cauchy problem

Riemann space

USE Riemann manifold

Riemann sphere

USE Riemann manifold

Riemann waves

Riesz theorem

rifles

RIFT (reactor in flight test)

rift system, African

USE African rift system

rift valleys

USE valleys

rifts

USE geological faults

rigging

rigid bodies

USE rigid structures

rigid mounting

rigid rotor helicopters

rigid rotors

rigid rotors (plasma physics)

rigid structures

rigid wings

rigidity

rigidity, magnetic

USE magnetic rigidity

rigidity, structural

USE structural stability

rills

USE valleys

rims

ring accelerators, electron

USE storage rings (particle accelerators)

ring currents

ring dating, tree

USE dendrochronology

ring discharge

ring galaxies

ring lasers

ring seals, O

USE O ring seals

ring structures

ring wings

rings

rings, Jupiter
USE Jupiter rings

rings (mathematics)

rings (particle accelerators), storage
USE storage rings (particle accelerators)

rings, planetary
USE planetary rings

rings, plasma
USE toroidal plasmas

rings, reinforcement
USE reinforcement rings

rings, Saturn
USE Saturn rings

rings, Uranus
USE Uranus rings

rings, vortex
USE vortex rings

Rio Grande (North America)

riometers

ripples

risers

risk

RIT engines

Ritz averaging method

Ritz method, Rayleigh-
USE Rayleigh-Ritz method

River Basin (AK), Chena
USE Chena River Basin (AK)

River Basin (CA), Feather
USE Feather River Basin (CA)

River Basin (ID-OR-WA), Columbia
USE Columbia River Basin (ID-OR-WA)

River Basin (IL-IN-OH), Wabash
USE Wabash River Basin (IL-IN-OH)

River Basin (LA), Atchafalaya
USE Atchafalaya River Basin (LA)

River Basin (MD-NY-PA), Susquehanna
USE Susquehanna River Basin (MD-NY-PA)

River Basin (US), Delaware
USE Delaware River Basin (US)

River Basin (US), Missouri
USE Missouri River Basin (US)

river basins

River (North America), Colorado
USE Colorado River (North America)

River (NY-NJ), Hudson
USE Hudson River (NY-NJ)

River Range (WY), Wind
USE Wind River Range (WY)

River (US), Mississippi
USE Mississippi River (US)

River (US), Missouri
USE Missouri River (US)

River (US), Ohio
USE Ohio River (US)

River Valley (MD-VA-WV), Potomac
USE Potomac River Valley (MD-VA-WV)

rivers

riveted joints

riveting

rivets

RL circuits

RL-10 engines

RL-10-A-1 engine

RL-10-A-3 engine

RLC circuits

RLC networks
USE RLC circuits

RM-1 engine, YLR-99-
USE LR-99 engine

RM-2 engine, LR-62-
USE LR-62-RM-2 engine

Rn
USE radon

RNA
USE ribonucleic acids

roads

roadway powered vehicles

roasting

Robertson effect, Poynting-
USE Poynting-Robertson effect

ROBIN balloons

robot arms

robot control

robot dynamics

robot fingers
USE end effectors

robot hands
USE end effectors

robot motion
USE robot dynamics

robot sensors

robotics

(robotics), arms
USE robot arms

(robotics), fingers
USE end effectors

(robotics), hands
USE end effectors

(robotics), tactile sensors
USE tactile sensors (robotics)

(robotics), task planning
USE task planning (robotics)

robotics, tele
USE telerobotics

(robotics), torque sensors
USE torque sensors (robotics)

robots

robustness (mathematics)

Roche limit

rock, bed
USE bedrock

rock bolts

rock intrusions

rock mechanics

rock salt
USE halites

rocket, Aries sounding
USE Aries sounding rocket

rocket binders, solid
USE solid rocket binders

rocket, Black Brant 1 sounding
USE Black Brant 1 sounding rocket

rocket, Black Brant 2 sounding
USE Black Brant 2 sounding rocket

rocket, Black Brant 3 sounding
USE Black Brant 3 sounding rocket

rocket, Black Brant 4 sounding
USE Black Brant 4 sounding rocket

rocket, Black Brant 5 sounding
USE Black Brant 5 sounding rocket

rocket boosters
USE booster rocket engines

rocket boosters (Space Shuttle), solid
USE Space Shuttle boosters

rocket boosters (space shuttle), solid
USE Space Shuttle boosters

rocket boosters, SRB (solid
USE Space Shuttle boosters

rocket catapults

rocket chambers
USE thrust chambers

rocket, Echo 1 carrier
USE Thor Delta launch vehicle

rocket engine cases

rocket engine control

rocket engine design

rocket engine, F-1
USE F-1 rocket engine

rocket engine noise

rocket engine, SL-3
USE SL-3 rocket engine

rocket engine 9KS-11000

rocket engines

rocket engines, booster
USE booster rocket engines

rocket engines, ducted
USE ducted rocket engines

rocket engines, electric
USE electric rocket engines

rocket engines, HEUS
USE HEUS rocket engines

rocket engines, hot water
USE hot water rocket engines

rocket engines, hybrid
USE hybrid rocket engines

rocket engines, hybrid propellant

rocket engines, hybrid propellant
USE hybrid propellant rocket engines

rocket engines, liquid oxygen hydrocarbon
USE oxygen-hydrocarbon rocket engines

rocket engines, liquid propellant
USE liquid propellant rocket engines

rocket engines, lithergol
USE lithergol rocket engines

rocket engines, LOX-hydrocarbon
USE oxygen-hydrocarbon rocket engines

rocket engines, Nike booster
USE Nike booster rocket engines

rocket engines, nozzleless
USE nozzleless rocket engines

rocket engines, nuclear
USE nuclear rocket engines

rocket engines, oxygen-hydrocarbon
USE oxygen-hydrocarbon rocket engines

rocket engines, restartable
USE restartable rocket engines

rocket engines, reusable
USE reusable rocket engines

rocket engines, solid propellant
USE solid propellant rocket engines

rocket engines, sustainer
USE sustainer rocket engines

rocket engines, ullage
USE ullage rocket engines

rocket engines, upper stage
USE upper stage rocket engines

rocket exhaust

rocket, EXOS sounding
USE EXOS sounding rocket

rocket firing

rocket flight

rocket impact predictors, automatic
USE computerized simulation
impact prediction

rocket, Judi-Dart
USE Judi-Dart rocket

rocket launchers

rocket launching

rocket linings

rocket motor cases
USE rocket engine cases

Rocket Motor (STS), Advanced Solid
USE Advanced Solid Rocket Motor (STS)

rocket motors, Space Shuttle solid
USE Space Shuttle boosters

rocket nose cones

rocket nozzles

rocket oxidizers

rocket, Petrel sounding
USE Petrel sounding rocket

rocket, Phoenix sounding
USE Phoenix sounding rocket

rocket planes

rocket propellant tanks
USE propellant tanks

rocket propellants

rocket propellants, cryogenic
USE cryogenic rocket propellants

rocket propellants, double base
USE double base rocket propellants

rocket propellants, gaseous
USE gaseous rocket propellants

rocket propellants, gelled
USE gelled rocket propellants

rocket propellants, hypergolic
USE hypergolic rocket propellants

rocket propellants, liquid
USE liquid rocket propellants

rocket propellants, RP-1
USE RP-1 rocket propellants

rocket propellants, solid
USE solid rocket propellants

rocket propelled sleds

rocket ramjets, integral
USE integral rocket ramjets

rocket reactors, KIWI
USE KIWI reactors

rocket sondes
USE sounding rockets

rocket sounding

Rocket, Space Processing Applications
USE Space Processing Applications Rocket

(rocket), SPAR
USE Space Processing Applications Rocket

rocket test facilities

(rocket tests), SERT
USE space electric rocket tests

rocket tests, space electric
USE space electric rocket tests

rocket thrust

rocket trajectory, spinning unguided
USE spinning unguided rocket trajectory

rocket vehicle, Aerobee
USE Aerobee rocket vehicle

rocket vehicle, Agena A
USE Agena A rocket vehicle

rocket vehicle, Agena B
USE Agena B rocket vehicle

rocket vehicle, Agena C
USE Agena C rocket vehicle

rocket vehicle, Agena D
USE Agena D rocket vehicle

rocket vehicle, Antares
USE Antares rocket vehicle

rocket vehicle, Apache
USE Apache rocket vehicle

rocket vehicle, Arcon
USE Arcon rocket vehicle

rocket vehicle, Astrobee 1500
USE Astrobee 1500 rocket vehicle

rocket vehicle, Athena
USE Athena rocket vehicle

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rocket vehicle, Berenice
USE Berenice rocket vehicle

rocket vehicle, Black Knight
USE Black Knight rocket vehicle

rocket vehicle, Blue Scout
USE Blue Scout rocket vehicle

rocket vehicle, Cajun
USE Cajun rocket vehicle

rocket vehicle, Dornier paraglider
USE Dornier paraglider rocket vehicle

rocket vehicle, FFAR
USE Folding Fin aircraft rocket vehicle

rocket vehicle, Folding Fin aircraft
USE Folding Fin aircraft rocket vehicle

rocket vehicle, Genie
USE Genie rocket vehicle

rocket vehicle, Honest John
USE Honest John rocket vehicle

rocket vehicle, Hyla-Star
USE Hyla-Star rocket vehicle

rocket vehicle, Jabiru
USE Jaguar rocket vehicle

rocket vehicle, Jaguar
USE Jaguar rocket vehicle

rocket vehicle, Javelin
USE Javelin rocket vehicle

rocket vehicle, Jupiter C
USE Jupiter C rocket vehicle

rocket vehicle, Kappa 8
USE Kappa 8 rocket vehicle

rocket vehicle, Kappa 9
USE Kappa 9 rocket vehicle

rocket vehicle, Little John
USE Little John rocket vehicle

rocket vehicle, Loki
USE Loki rocket vehicle

rocket vehicle, MB-1
USE Genie rocket vehicle

rocket vehicle, Meteor 1
USE Meteor 1 rocket vehicle

rocket vehicle, Nike-Apache
USE Nike-Apache rocket vehicle

rocket vehicle, Nike-Cajun
USE Nike-Cajun rocket vehicle

rocket vehicle, Nike-Hydac
USE Nike-Hydac rocket vehicle

rocket vehicle, Nike-Iroquois
USE Nike-Iroquois rocket vehicle

rocket vehicle, Nike-Javelin
USE Nike-Javelin rocket vehicle

rocket vehicle, Nike-Tomahawk
USE Nike-Tomahawk rocket vehicle

rocket vehicle, Rubis
USE Rubis rocket vehicle

rocket vehicle, Skylark
USE Skylark rocket vehicle

rocket vehicle, Thor Able
USE Thor Able rocket vehicle

rocket vehicle, Trailblazer 1
USE trailblazer 1 reentry vehicle

rocket vehicle, Trailblazer 2
USE trailblazer 2 reentry vehicle

rocket vehicle, Vega
USE Vega launch vehicle

rocket vehicle, Venus fly trap
USE Venus fly trap rocket vehicle

rocket vehicle, Viking
USE Viking rocket vehicle

rocket vehicle, Zuni
USE Zuni rocket vehicle

rocket vehicles

rocket vehicles, Agena
USE Agena rocket vehicles

rocket vehicles, Arcas
USE Arcas rocket vehicles

rocket vehicles, Argo
USE Argo rocket vehicles

rocket vehicles, Astrobee
USE Astrobee rocket vehicles

rocket vehicles, hovering
USE hovering rocket vehicles

rocket vehicles, Kappa
USE Kappa rocket vehicles

rocket vehicles, Lambda
USE Lambda rocket vehicles

rocket vehicles, multistage
USE multistage rocket vehicles

rocket vehicles, Nike
USE Nike rocket vehicles

rocket vehicles, nuclear engine for
USE nuclear engine for rocket vehicles

rocket vehicles, single stage
USE single stage rocket vehicles

rocket vehicles, Skua
USE Skua rocket vehicles

rocket vehicles, Veronique
USE Veronique rocket vehicles

rocket, vertical 8
USE vertical 8 rocket

rocket, WASP sounding
USE WASP sounding rocket

rocket-borne instruments

rocket-borne photography

rockets

rockets, air to air
USE air to air missiles

rockets, Black Brant sounding
USE Black Brant sounding rockets

rockets, booster
USE booster rockets

rockets, carrier
USE launch vehicles

rockets, control
USE control rockets

rockets, escape
USE escape rockets

rockets, meteorological
USE sounding rockets

rockets, Nike
USE Nike rockets

rockets, sounding
USE sounding rockets

(rockets), staging
USE stage separation

rockets, steering
USE control rockets

rockets, surface to surface
USE surface to surface rockets

rockoons

rocks

rocks, carbonaceous
USE carbonaceous rocks

rocks, igneous
USE igneous rocks

rocks, lunar
USE lunar rocks

rocks, metamorphic
USE metamorphic rocks

rocks, sedimentary
USE sedimentary rocks

(rocks), stones
USE rocks

Rockwell hardness

Rocky Mountains (North America)

rodents

rods

rods, control
USE control rods

Roentgen satellite
USE ROSAT mission

Rogallo wings
USE flexible wings
folding structures

Roland comet, Arend-
USE Arend-Roland comet

role combat aircraft, multi-
USE MRCA aircraft

roll

roll control
USE lateral control

roll, damping in
USE damping

roll forming

roller bearings

rollers

rolling

rolling, cold
USE cold rolling

rolling contact loads

rolling moments

rollup solar arrays
USE solar arrays

ROM, CD-
USE CD-ROM

ROM devices
USE read-only memory devices

Romania

Ronchi test

roofs

room temperature

rooms

rooms, clean
USE clean rooms

rooms, dark
USE darkrooms

root-mean-square errors

roots

roots of equations

roots, plant
USE plant roots

roots, wing
USE wing roots

(ropes), cables
USE cables (ropes)

Rorschach tests

ROSAT mission

rosette shapes

Roshko prediction

rosin

Ross ice shelf

Rossby regimes

Rossby waves
USE planetary waves

rotary drives
USE mechanical drives

rotary engines

rotary gyroscopes

rotary stability

rotary wing aircraft

rotary wings

rotating
USE rotation

rotating bodies

rotating cylinders

rotating disks

rotating electrical machines

rotating environments

rotating fluids

rotating generators

rotating liquids

rotating matter

rotating mirrors

rotating plasmas

rotating shafts

rotating spheres

rotating stalls

rotating vehicles

rotating vehicles

USE rotating bodies
vehicles

rotating wheels, counter-

USE counter-rotating wheels

rotation

rotation, auto

USE autorotation

rotation, axes of

USE axes of rotation

rotation, Carrington

USE solar rotation

rotation, co

USE corotation

rotation, counter

USE counter rotation

rotation, Earth

USE Earth rotation

rotation, Faraday

USE Faraday effect

rotation, galactic

USE galactic rotation

rotation, image

USE image rotation

rotation, liquid

USE rotating liquids

rotation, lunar

USE lunar rotation

rotation, molecular

USE molecular rotation

rotation, muon spin

USE muon spin rotation

rotation, planetary

USE planetary rotation

rotation, satellite

USE satellite rotation

rotation, solar

USE solar rotation

rotation, solid

USE rotating bodies

rotation, stellar

USE stellar rotation

rotation, super

USE superrotation

rotational flow

USE fluid flow
vortices

rotational spectra

rotational states

Rotifera

rotochutes

rotons

rotor aerodynamics

rotor aircraft, tilt

USE tilt rotor aircraft

rotor blades

rotor blades, hinged

USE hinges
rotary wings

rotor blades (turbomachinery)

rotor body interactions

rotor disks

USE turbine wheels

rotor dynamics

rotor gyroscopes, fluid

USE fluid rotor gyroscopes

rotor helicopters, rigid

USE rigid rotor helicopters

rotor helicopters, tandem

USE tandem rotor helicopters

rotor hubs

USE rotors
hubs

rotor lift

rotor research aircraft program, tilt

USE tilt rotor research aircraft program

rotor speed

rotor systems research aircraft

rotorcraft

USE rotary wing aircraft

rotorcraft aircraft

rotordynamics

USE rotor dynamics

rotors

rotors, bearingless

USE bearingless rotors

rotors, circulation control

USE circulation control rotors

rotors, compressor

USE compressor rotors

rotors, helicopter

USE rotary wings

rotors, helicopter tail

USE helicopter tail rotors

rotors, hingeless

USE rigid rotors

rotors, lifting

USE lifting rotors

rotors (plasma physics), rigid

USE rigid rotors (plasma physics)

rotors, rigid

USE rigid rotors

rotors, tail

USE tail rotors

rotors, tilting

USE tilting rotors

rotors, tip driven

USE tip driven rotors

rotors, x wing

USE x wing rotors

roughness

roughness effects, surface

USE surface roughness effects

roughness, sea

USE sea roughness

roughness, surface

USE surface roughness

NASA THESAURUS VOLUME 2

round trip trajectories

Rouse belts

route ATC, automated en

USE automated en route ATC

routes

routines

routines, assembler

USE assembler routines

routines (computers), editing

USE editing routines (computers)

routines, data conversion

USE data conversion routines

routines, input/output

USE input/output routines

routines, merging

USE merging routines

routines, sub

USE subroutines

Rover project

Rover Sample Return Mission, Mars

USE Mars sample return missions

roving vehicles

roving vehicles, extraterrestrial

USE roving vehicles

roving vehicles, lunar

USE lunar roving vehicles

roving vehicles, Lunokhod lunar

USE Lunokhod lunar roving vehicles

rovings

Rowland circles

RP-1 rocket propellants

RPV

USE remotely piloted vehicles

RS codes

USE Reed-Solomon codes

rsch airplane, experimental STOL transport

USE Questol aircraft

RTM (composite materials)

USE resin transfer molding

RTV-40 rubber (trademark)

RTV-60 rubber (trademark)

Ru

USE ruthenium

Ruanda-Urundi

USE Rwanda
Burundi

rubber

rubber coatings

rubber, silicone

USE silicone rubber

rubber (trademark), RTV-40

USE RTV-40 rubber (trademark)

rubber (trademark), RTV-60

USE RTV-60 rubber (trademark)

rubber (trademark), Viton

USE Viton rubber (trademark)

rubbers, synthetic
USE synthetic rubbers

rubidium

rubidium compounds

rubidium isotopes

rubidium 86

Rubis rocket vehicle

ruby

ruby lasers

rudders

rudders, aerial
USE aerial rudders

rudders, marine
USE marine rudders

Rudenko comet, Okazaki-Levy-
USE Okazaki-Levy-Rudenko comet

ruggedness

rule, Miner
USE Palmgren-Miner rule

rule, Palmgren-Miner
USE Palmgren-Miner rule

rule, phase
USE phase rule

rule, Whitham
USE Whitham rule

ruler method

rules

rules, flight
USE flight rules

(rules), IFR
USE instrument flight rules

rules, instrument flight
USE instrument flight rules

rules (nuclear physics), selection
USE selection rules (nuclear physics)

rules, sum
USE sum rules

(rules), VFR
USE visual flight rules

rules, visual flight
USE visual flight rules

Rumania
USE Romania

run time (computers)

runaway (plasma physics), electron
USE electron runaway (plasma physics)

Runge bands, Schumann-
USE Schumann-Runge bands

Runge-Kutta method

running

runoff, water
USE water runoff

runoffs
USE drainage

runs, takeoff
USE takeoff runs

runup, aircraft
USE aircraft runup

runway alignment

runway conditions

runway lights

runways

rupture strength, creep
USE creep rupture strength

rupture strength, stress
USE creep rupture strength

rupturing

rural areas

rural land use

Russell diagram, Hertzsprung-
USE Hertzsprung-Russell diagram

Russia
USE Russian Federation

Russian Federation

rust fungi

rusting

rusts (botany)
USE rust fungi

ruthenium

ruthenium alloys

ruthenium compounds

ruthenium isotopes

ruthenium 106
USE ruthenium isotopes

rutile

Rwanda

Ryan aircraft

ryan military aircraft
USE Ryan aircraft

Rydberg series

R4D engine, Marquardt
USE Marquardt R4D engine

R5D aircraft
USE C-54 aircraft

R7V aircraft
USE EC-121 aircraft
C-121 aircraft

S

S
USE sulfur

S band
USE superhigh frequencies
ultrahigh frequencies

S band, unified
USE unified S band

S curves

S glass

S matrix theory

S stars

S waves

S-A-W devices
USE surface acoustic wave devices

S-N diagrams

S-1 stage, Saturn
USE Saturn S-1 stage

S-1B stage, Saturn
USE Saturn S-1B stage

S-1C stage, Saturn
USE Saturn S-1C stage

S-2 aircraft

S-2 aircraft, Snow
USE S-2 aircraft

S-2 stage, Saturn
USE Saturn S-2 stage

S-2B, Snow aerial applicator aircraft
USE S-2 aircraft

S-3 aircraft

S-3 satellite
USE Explorer 12 satellite

S-4 stage, Saturn
USE Saturn S-4 stage

S-4B stage, Saturn
USE Saturn S-4B stage

S-6 satellite
USE Explorer 17 satellite

S-16 satellite
USE OSO-1

S-17 satellite
USE OSO-2

S-18 satellite
USE OAO

S-27 satellite
USE Alouette 1 satellite

S-35 aircraft, Beech
USE C-35 aircraft

S-49 satellite
USE OGO-A

S-50 satellite
USE OGO-C

S-51 satellite
USE Ariel 1 satellite

S-52 satellite
USE Ariel 2 satellite

S-57 satellite
USE OSO-C

S-58 helicopter

S-58 helicopter, Sikorsky
USE S-58 helicopter

S-61 helicopter

S-61 helicopter, Sikorsky
USE S-61 helicopter

S-64 helicopter
USE CH-54 helicopter

S-64 helicopter, Sikorsky
USE CH-54 helicopter

S-65 helicopter, Sikorsky
USE H-53 helicopter

S-66 satellite

S-66 satellite
USE Beacon Explorer A

S-67 helicopter

S-67 helicopter, Sikorsky
USE S-67 helicopter

S-74 satellite
USE Explorer 18 satellite

SA-1 launch vehicle, Saturn 1
USE Saturn 1 SA-1 launch vehicle

SA-2 launch vehicle, Saturn 1
USE Saturn 1 SA-2 launch vehicle

SA-3 launch vehicle, Saturn 1
USE Saturn 1 SA-3 launch vehicle

SA-4 launch vehicle, Saturn 1
USE Saturn 1 SA-4 launch vehicle

SA-5 launch vehicle, Saturn 1
USE Saturn 1 SA-5 launch vehicle

SA-6 launch vehicle, Saturn 1
USE Saturn 1 SA-6 launch vehicle

SA-7 launch vehicle, Saturn 1
USE Saturn 1 SA-7 launch vehicle

SA-8 launch vehicle, Saturn 1
USE Saturn 1 SA-8 launch vehicle

SA-9 launch vehicle, Saturn 1
USE Saturn 1 SA-9 launch vehicle

SA-10 launch vehicle, Saturn 1
USE Saturn 1 SA-10 launch vehicle

SA-321 helicopter

SA-321 helicopter, Sud Aviation
USE SA-321 helicopter

SA-330 helicopter

SA-330 helicopter, Sud Aviation
USE SA-330 helicopter

Saab aircraft

Saab 37 aircraft

Saab 105 aircraft

Sabatier reaction

Sabot projectiles

sabotage

Sabre aircraft
USE F-86 aircraft

Sabre aircraft, Super
USE F-100 aircraft

Sabreliner aircraft
USE T-39 aircraft

Saccadic eye movements

saccharides
USE carbohydrates

saccharomyces

Sacramento Valley (CA)

saddle points

saddle points (game theory)

saddles

saddles (supports)

safe systems, fail-
USE fail-safe systems

Safeguard system

safety

safety, aerospace
USE aerospace safety

safety, aircraft
USE aircraft safety

safety devices

safety factors

safety, flight
USE flight safety

safety hazard, toxicity and
USE toxicity and safety hazard

safety, industrial
USE industrial safety

safety management

safety, range
USE range safety

safety, reactor
USE reactor safety

SAGE air defense system

SAGE satellite

Saginaw Bay (MI)

Sagittarius constellation

Sagnac effect

Saha equations

Sahara Desert (Africa)

Sahara, Spanish
USE Spanish Sahara

SAIL project

sailplane, Schleicher KA-6
USE KA-6 sailplanes

sailplanes
USE gliders

sailplanes, KA-6
USE KA-6 sailplanes

sails

sails, solar
USE solar sails

sailwings

sailwings, Princeton
USE sailwings

Saint Elmo fire

Saint Venant flexure problem
USE Saint Venant principle

Saint Venant principle

salesman problem, traveling
USE traveling salesman problem

salicylates

salicylates, sodium
USE sodium salicylates

salinity

saliva

salivary glands

NASA THESAURUS VOLUME 2

salmonella

Salpeter equation, Bethe-
USE Bethe-Salpeter equation

salt baths

salt beds

salt electrolytes, molten
USE molten salt electrolytes

salt flats
USE flats (landforms)

Salt Lake (UT), Great
USE Great Salt Lake (UT)

salt nuclear reactors, molten
USE molten salt nuclear reactors

salt, rock
USE halites

salt spray tests

Salton Sea (CA)

salts

salts, molten
USE molten salts

salts, organic charge transfer
USE organic charge transfer salts

Salvador, El
USE El Salvador

Salyut space station

Samaritan aircraft
USE C-131 aircraft

samarium

samarium compounds

samarium isotopes

Samoa

Samos

Sample Return Mission, Mars Rover
USE Mars sample return missions

sample return missions, Mars
USE Mars sample return missions

sampled data systems

sampler, multispectral resource
USE multispectral resource sampler

samplers

(samplers), bombs
USE samplers

samples

samples, Mars surface
USE Mars surface samples

sampling

sampling, air
USE air sampling

sampling, core
USE core sampling

sampling, data
USE data sampling

sampling devices
USE samplers

sampling, particulate
USE particulate sampling

sampling program, global air
USE global air sampling program

sampling, random
USE random sampling

San Andreas Fault

San Andreas Fault experiment

San Francisco Bay (CA)

San Francisco (CA)

San Joaquin Valley (CA)

San Juan Mountains (CO)

San Marco satellites

San Marco 1 satellite

San Marco 2 satellite

San Marco 3 satellite

San Marino

San Pablo Bay (CA)

sand casting

sand dunes
USE dunes

Sand Hills Region (GA-NC-SC)

Sand Hills Region (NE)

Sandpiper target missile

sands

sands, monazite
USE monazite sands

sands, tar
USE tar sands

sandstones

sandwich construction
USE sandwich structures

sandwich structures

sanitation

Santowax (trademark)

sapphire

sapphire junctions, silicon-on-
USE SOS (semiconductors)

sapphire semiconductors, silicon-on-
USE SOS (semiconductors)

sapphire transistors, silicon-on-
USE SOS (semiconductors)

saprophytes

sarcina

sarcoma
USE cancer

sarcoplasmic reticulum

Sargasso Sea

SarSat

SAS

SAS-D
USE IUE

SAS-1

SAS-2

SAS-3

Saskatchewan

sat, advanced communications technology
USE ACTS

Sat, Combined Release and Radiation Effects
USE CRRES (satellite)

sat, European Space Research Organization
USE ESA satellites

Sat, L-
USE L-Sat

sat, Ref
USE Refsat

Sat Sys, National Operational Environmental
USE NOESS

SATAN (sensor)
USE terrain analysis

Satcom satellites, RCA
USE RCA Satcom satellites

satellite, A-11
USE Echo 1 satellite

satellite, A-12
USE Echo 2 satellite

satellite, AD-A
USE Explorer 19 satellite

satellite, AD/I
USE Explorer 24 satellite

satellite, AE-A
USE Explorer 17 satellite

satellite, AE-B
USE Explorer 32 satellite

satellite, AE-C
USE Explorer 51 satellite

satellite, AE-D
USE Explorer 54 satellite

satellite, AE-E
USE Explorer 55 satellite

satellite, AEROS
USE AEROS satellite

satellite, Akebono
USE EXOS-D SATELLITE

satellite, Alouette B
USE Alouette B satellite

satellite, Alouette 1
USE Alouette 1 satellite

satellite, Alouette 2
USE Alouette 2 satellite

satellite altimetry

Satellite and Missile Observation System
USE Samos

satellite antennas

satellite, Arabian commercial
USE Arcomsat

satellite, Ariel 1
USE Ariel 1 satellite

satellite, Ariel 2
USE Ariel 2 satellite

satellite, Ariel 3
USE Ariel 3 satellite

satellite, Ariel 4
USE Ariel 4 satellite

satellite, Ariel 5
USE Ariel 5 satellite

Satellite, Astronomical Netherlands
USE Astronomical Netherlands Satellite

satellite atmospheres

satellite attitude control

(satellite attitude control), Discos
USE Discos (satellite attitude control)

satellite attitude disturbance
USE attitude stability
spacecraft stability

satellite, Azur
USE Azur satellite

Satellite B, Earth Resources Technology
USE Landsat 2

Satellite B, Geostationary Operati Environ
USE GOES 2

(satellite), BESS
USE BESS (satellite)

Satellite, Biomedical Experiment Scientific
USE BESS (satellite)

satellite breakup
USE spacecraft breakup

Satellite C, Earth Resources Technology
USE Landsat 3

satellite, Cannonball 2
USE Cannonball 2 satellite

satellite capture
USE spacecraft recovery

Satellite Cloud Climatology, International
USE ISCCP Project

satellite communication

satellite communication system, fleet
USE fleet satellite communication system

satellite communications ships

satellite communications systems, domestic
USE domestic satellite communications systems

Satellite, Communications Technology
USE Communications Technology Satellite

satellite configurations

satellite control

satellite, COS-B
USE COS-B satellite

satellite, Cosmic Background Explorer
USE Cosmic Background Explorer satellite

satellite, Cosmos 2
USE Cosmos 2 satellite

satellite, Cosmos 3
USE Cosmos 3 satellite

satellite, Cosmos 5
USE Cosmos 5 satellite

satellite, Cosmos 6
USE Cosmos 6 satellite

satellite, Cosmos 14
USE Cosmos 14 satellite

satellite, Cosmos 44
USE Cosmos 44 satellite

satellite, Cosmos 54

satellite, Cosmos 54
USE Cosmos 54 satellite

satellite, Cosmos 71
USE Cosmos 71 satellite

satellite, Cosmos 110
USE Cosmos 110 satellite

satellite, Cosmos 137
USE Cosmos 137 satellite

satellite, Cosmos 144
USE Cosmos 144 satellite

satellite, Cosmos 149
USE Cosmos 149 satellite

satellite, Cosmos 166
USE Cosmos 166 satellite

satellite, Cosmos 186
USE Cosmos 186 satellite

satellite, Cosmos 188
USE Cosmos 188 satellite

satellite, Cosmos 206
USE Cosmos 206 satellite

satellite, Cosmos 213
USE Cosmos 213 satellite

satellite, Cosmos 224
USE Cosmos 224 satellite

satellite, Cosmos 225
USE Cosmos 225 satellite

satellite, Cosmos 381
USE Cosmos 381 satellite

satellite, Cosmos 782
USE Cosmos 782 satellite

satellite, Cosmos 936
USE Cosmos 936 satellite

satellite, Cosmos 954
USE Cosmos 954 satellite

satellite, Cosmos 1129
USE Cosmos 1129 satellite

satellite, Courier
USE Courier satellite

(satellite), CRRES
USE CRRES (satellite)

Satellite D, Earth Resources Technology
USE Landsat 4

satellite, D-1
USE D-1 satellite

satellite, D-2B
USE D-2 satellites

satellite defense
USE spacecraft defense

satellite design

satellite, DIAL
USE DIAL satellite

satellite, DME-A
USE Explorer 31 satellite

satellite, Dodge
USE Dodge satellite

satellite doppler positioning

satellite drag

satellite, Dynamics Explorer 1
USE Dynamics Explorer 1 satellite

satellite, Dynamics Explorer 2
USE Dynamics Explorer 2 satellite

Satellite E, Earth Resources Technology
USE Landsat E

satellite, Echo 1
USE Echo 1 satellite

satellite, Echo 2
USE Echo 2 satellite

satellite, Elektron 1
USE Elektron 1 satellite

satellite, Elektron 2
USE Elektron 2 satellite

satellite, Elektron 4
USE Elektron 4 satellite

satellite), ERS-1 (ESA
USE ERS-1 (ESA satellite)

Satellite (ESA), Maritime Communication
USE Marots (ESA)

Satellite (ESA), Orbital Test
USE OTS (ESA)

satellite, ESRO 1
USE ESRO 1 satellite

satellite, ESRO 2
USE ESRO 2 satellite

satellite, ESRO 4
USE ESRO 4 satellite

satellite, ESSA 1
USE ESSA 1 satellite

satellite, ESSA 2
USE ESSA 2 satellite

satellite, ESSA 3
USE ESSA 3 satellite

satellite, ESSA 4
USE ESSA 4 satellite

satellite, ESSA 5
USE ESSA 5 satellite

satellite, ESSA 6
USE ESSA 6 satellite

satellite, ESSA 7
USE ESSA 7 satellite

satellite, ESSA 8
USE ESSA 8 satellite

satellite, ESSA 9
USE ESSA 9 satellite

Satellite, European Communications
USE European Communications Satellite

Satellite, European Large Telecomm
USE L-Sat

satellite, EXOS-A
USE EXOS-A satellite

satellite, EXOS-B
USE EXOS-B satellite

satellite, EXOS-C
USE EXOS-C satellite

SATELLITE, EXOS-D
USE EXOS-D SATELLITE

satellite, Exosat
USE Exosat satellite

satellite, Explorer 1
USE Explorer 1 satellite

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satellite, Explorer 2
USE Explorer 2 satellite

satellite, Explorer 3
USE Explorer 3 satellite

satellite, Explorer 4
USE Explorer 4 satellite

satellite, Explorer 5
USE Explorer 5 satellite

satellite, Explorer 6
USE Explorer 6 satellite

satellite, Explorer 7
USE Explorer 7 satellite

satellite, Explorer 8
USE Explorer 8 satellite

satellite, Explorer 9
USE Explorer 9 satellite

satellite, Explorer 10
USE Explorer 10 satellite

satellite, Explorer 11
USE Explorer 11 satellite

satellite, Explorer 12
USE Explorer 12 satellite

satellite, Explorer 14
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satellite, Explorer 15
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satellite, Explorer 38
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satellite, Explorer 39
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satellite, Explorer 40
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satellite, Explorer 41
USE Explorer 41 satellite

satellite, Explorer 42
USE Uhuru satellite

satellite, Explorer 43
USE Explorer 43 satellite

satellite, Explorer 44
USE Explorer 44 satellite

satellite, Explorer 45
USE Explorer 45 satellite

satellite, Explorer 46
USE Explorer 46 satellite

satellite, Explorer 47
USE Explorer 47 satellite

satellite, Explorer 48
USE Explorer 48 satellite

satellite, Explorer 49
USE Explorer 49 satellite

satellite, Explorer 50
USE Explorer 50 satellite

satellite, Explorer 51
USE Explorer 51 satellite

satellite, Explorer 52
USE Explorer 52 satellite

satellite, Explorer 53
USE Explorer 53 satellite

satellite, Explorer 54
USE Explorer 54 satellite

satellite, Explorer 55
USE Explorer 55 satellite

satellite, extreme ultraviolet Explorer
USE extreme ultraviolet Explorer satellite

Satellite F, Earth Resources Technology
USE Landsat F

satellite, FR-1
USE FR-1 satellite

satellite fragmentation
USE spacecraft breakup

Satellite Geodesy Experiment, International
USE International Satellite Geodesy Experiment

Satellite, Geodynamic Experimental Ocean
USE GEOS-D satellite

satellite, GEOS 1
USE GEOS 1 satellite

satellite, GEOS 2
USE GEOS 2 satellite

satellite, GEOS 3
USE GEOS 3 satellite

satellite, GEOS-B
USE GEOS 2 satellite

satellite, GEOS-C
USE GEOS 3 satellite

satellite, GEOS-D
USE GEOS-D satellite

satellite, Ginga
USE Ginga satellite

satellite ground support

satellite ground tracks

satellite guidance

satellite, Hawkeye 1
USE Explorer 52 satellite

(satellite), HELOS
USE Exosat satellite

satellite, HEOS A
USE HEOS A satellite

satellite, HEOS B
USE HEOS B satellite

satellite, Hermes
USE Communications Technology Satellite

Satellite, High Eccentric Lunar Occultation
USE Exosat satellite

satellite, High Eccentric Lunar Occultation
USE Exosat satellite

satellite, Hipparcos
USE Hipparcos satellite

satellite imagery

satellite, IME
USE International Magnetospheric Explorer

satellite, infrared astronomy
USE infrared astronomy satellite

satellite, Injun 1
USE Injun 1 satellite

satellite, Injun 3
USE Injun 3 satellite

satellite, Injun 4
USE Injun 4 satellite

satellite, Injun 5
USE Explorer 40 satellite

satellite, Inspector
USE Inspector satellite

satellite instruments

satellite, Intasat
USE Intasat satellite

satellite interceptors

satellite, Jikiken
USE EXOS-B satellite

satellite, Kyokko
USE EXOS-A satellite

(satellite), LAGEOS
USE LAGEOS (satellite)

satellite, LARGOS
USE LARGOS satellite

Satellite, Laser Geodynamic
USE LAGEOS (satellite)

satellite launching
USE spacecraft launching

satellite lifetime

satellite lines, dielectric
USE resonance lines

satellite, LZEEBE
USE LZEEBE satellite

satellite, Magellan ultraviolet astronomy
USE Magellan ultraviolet astronomy satellite

satellite, Magsat A
USE Magsat A satellite

satellite, MagSat B
USE MagSat B satellite

satellite, MagSat 1
USE MagSat 1 satellite

satellite maneuvers
USE spacecraft maneuvers

satellite, Marisat 1
USE Marisat 1 satellite

Satellite, Maritime Orbital Test
USE Marots (ESA)

Satellite, Meteoroid Technology
USE Explorer 46 satellite

satellite, METEOSAT
USE METEOSAT satellite

satellite, Midas 2
USE Midas 2 satellite

satellite, Midas 3
USE Midas 3 satellite

satellite, Midas 4
USE Midas 4 satellite

satellite, Midas 5
USE Midas 5 satellite

satellite, Midas 6
USE Midas 6 satellite

satellite, Midas 7
USE Midas 7 satellite

satellite, Miranda
USE Miranda satellite

satellite, NATO 3B
USE NATO 3B satellite

satellite navigation systems

satellite networks

satellite, Nimbus 1
USE Nimbus 1 satellite

satellite, Nimbus 2
USE Nimbus 2 satellite

satellite, Nimbus 3
USE Nimbus 3 satellite

satellite, Nimbus 4
USE Nimbus 4 satellite

satellite, Nimbus 5
USE Nimbus 5 satellite

satellite, Nimbus 6
USE Nimbus 6 satellite

satellite, Nimbus 7
USE Nimbus 7 satellite

satellite, NOAA F

satellite, NOAA F
USE NOAA 9 satellite

satellite, NOAA G
USE NOAA 10 satellite

satellite, NOAA 2
USE NOAA 2 satellite

satellite, NOAA 3
USE NOAA 3 satellite

satellite, NOAA 4
USE NOAA 4 satellite

satellite, NOAA 5
USE NOAA 5 satellite

satellite, NOAA 6
USE NOAA 6 satellite

satellite, NOAA 7
USE NOAA 7 satellite

satellite, NOAA 8
USE NOAA 8 satellite

satellite, NOAA 9
USE NOAA 9 satellite

satellite, NOAA 10
USE NOAA 10 satellite

satellite observation

satellite, Ohzora
USE EXOS-C satellite

satellite, ORBIS CAL
USE ORBIS CAL satellite

satellite orbit calculation
USE orbit calculation

satellite orbits

satellite orientation

satellite, PAGEOS
USE PAGEOS satellite

satellite, Palapa B
USE Palapa 2 satellite

satellite, Palapa 2
USE Palapa 2 satellite

(satellite payload), AMPS
USE AMPS (satellite payload)

satellite perturbation

satellite, Polaire
USE D-2 satellites

satellite, Poseidon
USE Poseidon satellite

satellite power transmission

Satellite Program, Defense Meteorological
USE DMSP satellites

satellite proj, synchronous communications
USE synchronous communications satellite proj

satellite, Proton 1
USE Proton 1 satellite

satellite, Proton 2
USE Proton 2 satellite

satellite, Proton 3
USE Proton 3 satellite

satellite, Proton 4
USE Proton 4 satellite

satellite, P78-2
USE SCATHA satellite

satellite, Radiation and Meteoroid
USE Radiation and Meteoroid satellite

satellite, Radio Astronomy Explorer
USE Radio Astronomy Explorer satellite

satellite, Raduga
USE Raduga satellite

satellite, Relay 1
USE Relay 1 satellite

satellite, Relay 2
USE Relay 2 satellite

satellite rendezvous
USE orbital rendezvous

satellite repair
USE orbital servicing

satellite, Roentgen
USE ROSAT mission

satellite rotation

satellite, S-3
USE Explorer 12 satellite

satellite, S-6
USE Explorer 17 satellite

satellite, S-16
USE OSO-1

satellite, S-17
USE OSO-2

satellite, S-18
USE OAO

satellite, S-27
USE Alouette 1 satellite

satellite, S-49
USE OGO-A

satellite, S-50
USE OGO-C

satellite, S-51
USE Ariel 1 satellite

satellite, S-52
USE Ariel 2 satellite

satellite, S-57
USE OSO-C

satellite, S-66
USE Beacon Explorer A

satellite, S-74
USE Explorer 18 satellite

satellite, SAGE
USE SAGE satellite

satellite, San Marco 1
USE San Marco 1 satellite

satellite, San Marco 2
USE San Marco 2 satellite

satellite, San Marco 3
USE San Marco 3 satellite

satellite, SCATHA
USE SCATHA satellite

satellite, SCORE
USE SCORE satellite

Satellite, Search and Rescue
USE SarSat

satellite, SEASAT-B
USE SEASAT-B satellite

(satellite), SEOCS
USE SEOCS (satellite)

NASA THESAURUS VOLUME 2

satellite service, land mobile
USE land mobile satellite service

Satellite, Severe Storms Observing
USE StormSat satellite

satellite, SIRIO
USE SIRIO satellite

satellite, SIRS B
USE SIRS B satellite

satellite, snapshot
USE snapshot satellite

satellite solar energy conversion

satellite solar power stations

satellite, solar radiation 1
USE solar radiation 1 satellite

satellite, solar radiation 3
USE solar radiation 3 satellite

satellite, Solrad 10
USE Explorer 44 satellite

satellite sounding

satellite, Space Arrow
USE Cosmos 149 satellite

satellite, SPOT (French)
USE SPOT (French satellite)

satellite, Sputnik 1
USE Sputnik 1 satellite

satellite, Sputnik 2
USE Sputnik 2 satellite

satellite, Sputnik 3
USE Sputnik 3 satellite

satellite, Sputnik 4
USE Sputnik 4 satellite

satellite, Sputnik 5
USE Sputnik 5 satellite

satellite, SRET 1
USE SRET 1 satellite

satellite, SRET 2
USE SRET 2 satellite

satellite, StormSat
USE StormSat satellite

satellite surfaces

satellite, Synchronous Earth Observatory
USE Synchronous Earth Observatory satellite

satellite, synchronous meteorological
USE synchronous meteorological satellite

satellite, SYNCOM 1
USE SYNCOM 1 satellite

satellite, SYNCOM 2
USE SYNCOM 2 satellite

satellite, SYNCOM 3
USE SYNCOM 3 satellite

satellite, Syncom 4
USE Syncom 4 satellite

Satellite System, Defense Communications
USE Defense Communications Satellite System

Satellite System, National Oceanic
USE National Oceanic Satellite System

satellite system, TIROS operational
USE TIROS operational satellite system

satellite, TD-1
USE TD-1 satellite

satellite television

satellite, telstar 1
USE telstar 1 satellite

satellite, telstar 2
USE telstar 2 satellite

satellite temperature

satellite, Tenma
USE Tenma satellite

satellite, TIROS D
USE TIROS 4 satellite

satellite, TIROS E
USE TIROS 5 satellite

satellite, TIROS F
USE TIROS 6 satellite

satellite, TIROS G
USE TIROS 7 satellite

satellite, TIROS H
USE TIROS 8 satellite

satellite, TIROS wheel
USE TIROS 9 satellite

satellite, TIROS 1
USE TIROS 1 satellite

satellite, TIROS 2
USE TIROS 2 satellite

satellite, TIROS 3
USE TIROS 3 satellite

satellite, TIROS 4
USE TIROS 4 satellite

satellite, TIROS 5
USE TIROS 5 satellite

satellite, TIROS 6
USE TIROS 6 satellite

satellite, TIROS 7
USE TIROS 7 satellite

satellite, TIROS 8
USE TIROS 8 satellite

satellite, TIROS 9
USE TIROS 9 satellite

satellite, TIROS 10
USE TIROS 10 satellite

satellite, Tournesole
USE D-2 satellites

satellite, TRAAC
USE transit attitude control satellite

satellite tracking

Satellite Tracking and Data Acq Network
USE STDN (network)

(satellite tracking network), STADAN
USE STDN (network)

satellite tracking program, optical
USE optical satellite tracking program

satellite tracking, satellite-to-
USE satellite-to-satellite tracking

satellite, transit attitude control
USE transit attitude control satellite

satellite transmission

(satellite), UARS
USE Upper Atmosphere Research Satellite (UARS)

Satellite (UARS), Upper Atmosphere Research
USE Upper Atmosphere Research Satellite (UARS)

satellite, Uhuru
USE Uhuru satellite

satellite, UK 4
USE UK 4 satellite

satellite, Vanguard 1
USE Vanguard 1 satellite

satellite, Vanguard 2
USE Vanguard 2 satellite

satellite, Vanguard 3
USE Vanguard 3 satellite

satellite, Venera 2
USE Venera 2 satellite

satellite, Venera 3
USE Venera 3 satellite

satellite, Venera 4
USE Venera 4 satellite

satellite, Venera 5
USE Venera 5 satellite

satellite, Venera 6
USE Venera 6 satellite

satellite, Venera 7
USE Venera 7 satellite

satellite, Venera 8
USE Venera 8 satellite

satellite, Venera 9
USE Venera 9 satellite

satellite, Venera 10
USE Venera 10 satellite

satellite, Venera 11
USE Venera 11 satellite

satellite, Venera 12
USE Venera 12 satellite

Satellite 1, Earth Resources Technology
USE Landsat 1

Satellite 1, Small Astronomy
USE SAS-1

Satellite 2, Small Astronomy
USE SAS-2

Satellite 3, Small Astronomy
USE SAS-3

satellite-borne instruments**satellite-borne photography****satellite-borne radar****satellite-to-satellite tracking****satellites**

satellites, active
USE active satellites

satellites, aeronautical
USE aeronautical satellites

satellites, Aerosat
USE Aerosat satellites

satellites, Alouette
USE Alouette satellites

(satellites), AMPTE
USE AMPTE (satellites)

satellites, Anik
USE Anik satellites

satellites, ANNA
USE ANNA satellites

Satellites, Applications Explorer
USE Applications Explorer Satellites

Satellites, Applications Technology
USE ATS

satellites, Ariel
USE Ariel satellites

satellites, artificial
USE artificial satellites

satellites, astronomical
USE astronomical satellites

satellites, Beacon
USE Beacon satellites

satellites, bio
USE biosatellites

satellites, communication
USE communication satellites

satellites, ComStar
USE ComStar satellites

satellites, Cosmos
USE Cosmos satellites

satellites, D-2
USE D-2 satellites

(satellites), DBS
USE direct broadcast satellites

satellites, Diademe
USE Diademe satellites

satellites, direct broadcast
USE direct broadcast satellites

satellites, Discoverer
USE Discoverer satellites

satellites, DMSP
USE DMSP satellites

satellites, Dynamics Explorer
USE Dynamics Explorer satellites

satellites, Early Bird
USE Early Bird satellites

Satellites, Earth Resources Observation
USE EROS (satellites)

Satellites, Earth Resources Technology
USE Landsat satellites

satellites, Echo
USE Echo satellites

satellites, Elektron
USE Elektron satellites

Satellites, Environmental Research
USE Environmental Research Satellites

satellites, EOLE
USE EOLE satellites

(satellites), EROS
USE EROS (satellites)

satellites, ESA
USE ESA satellites

satellites (ESA), GEOS
USE GEOS satellites (ESA)

satellites, ESRO
USE ESA satellites

satellites (ESRO), GEOS
USE GEOS satellites (ESA)

satellites, ESSA
USE ESSA satellites

satellites, evasive

satellites, evasive
USE evasive satellites

satellites, EXOS
USE EXOS satellites

satellites, Explorer
USE Explorer satellites

satellites, French
USE French satellites

satellites, Galilean
USE Galilean satellites

satellites, geodetic
USE geodetic satellites

satellites, GEOLE
USE GEOLE satellites

satellites, geophysical
USE geophysical satellites

satellites, Geosat
USE Geosat satellites

satellites, geostationary
USE synchronous satellites

satellites, GOES
USE GOES satellites

satellites, gravity gradient
USE gravity gradient satellites

satellites, Gravsat
USE Geopotential Research Mission

satellites, GREB
USE GREB satellites

satellites, Hawkeye
USE Hawkeye satellites

satellites, Helios
USE Helios satellites

satellites, HEOS
USE HEOS satellites

satellites, Highly Eccentric Orbit
USE HEOS satellites

satellites, icy
USE icy satellites

Satellites, Improved TIROS Operational
USE ITOS satellites

satellites, Injun
USE Injun satellites

satellites, INSAT
USE Indian spacecraft

satellites, Intelsat
USE Intelsat satellites

satellites, Intercosmos
USE Intercosmos satellites

satellites, IRIS
USE IRIS satellites

satellites, ISIS
USE ISIS satellites

satellites, ITOS
USE ITOS satellites

satellites, Jupiter
USE Jupiter satellites

satellites, Landsat
USE Landsat satellites

(satellites), LES
USE Lincoln Experimental Satellites

Satellites, Lincoln Experimental
USE Lincoln Experimental Satellites

Satellites, Location of Air Traffic
USE LOCATES system

satellites, LOFTI
USE low frequency transionospheric satellites

satellites, low frequency transionospheric
USE low frequency transionospheric satellites

satellites, lunar
USE lunar satellites

satellites, MagSat
USE MagSat satellites

satellites, Marecs maritime
USE Marecs maritime satellites

satellites, Marisat
USE Marisat satellites

satellites, maritime
USE maritime satellites

satellites, Mars
USE Mars satellites

satellites, meteorological
USE meteorological satellites

satellites, Micrometeoroid Explorer
USE Micrometeoroid Explorer satellites

satellites, Midas
USE Midas satellites

satellites, Molniya
USE Molniya satellites

satellites, natural
USE natural satellites

satellites, navigation
USE navigation satellites

satellites, navigation technology
USE navigation technology satellites

satellites, navstar
USE navstar satellites

satellites, Neptune
USE Neptune satellites

satellites, Nimbus
USE Nimbus satellites

satellites, NOAA
USE NOAA satellites

satellites, Nova
USE Nova satellites

Satellites, Octahedral Research
USE Environmental Research Satellites

satellites, OV-1
USE OV-1 satellites

satellites, OV-2
USE OV-2 satellites

satellites, OV-3
USE OV-3 satellites

satellites, OV-4
USE OV-4 satellites

satellites, OV-5
USE OV-5 satellites

satellites, Palapa
USE Palapa satellites

satellites, passive
USE passive satellites

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satellites, Pegasus
USE Pegasus satellites

satellites, PEOLE
USE PEOLE satellites

satellites, perigee-apogee
USE PAS

satellites, planetary
USE natural satellites

satellites, Polyot
USE Polyot satellites

satellites, Prognoz
USE Prognoz satellites

satellites, Proton
USE Proton satellites

satellites, Ranger
USE Ranger lunar probes

satellites, RCA Satcom
USE RCA Satcom satellites

satellites, recoverable
USE recoverable spacecraft

satellites, reflector
USE passive satellites

satellites, Relay
USE Relay satellites

satellites, San Marco
USE San Marco satellites

satellites, Saturn
USE Saturn satellites

satellites, scientific
USE scientific satellites

satellites, SEASAT
USE SEASAT satellites

satellites, Shuttle pallet
USE Shuttle pallet satellites

satellites, Skynet
USE Skynet satellites

Satellites, Small Astronomy
USE SAS

satellites, small scientific
USE small scientific satellites

satellites, solar power
USE solar power satellites

satellites, Soviet
USE Soviet satellites

satellites, Spartan
USE Spartan satellites

satellites, Sputnik
USE Sputnik satellites

satellites, SRET
USE SRET satellites

satellites, Symphonie
USE Symphonie satellites

satellites, synchronous
USE synchronous satellites

satellites, synchronous communication
USE SYNCOM satellites

satellites, SYNCOM
USE SYNCOM satellites

satellites, TD
USE TD satellites

satellites, TDR
USE TDR satellites

satellites, telstar
USE telstar satellites

satellites, tethered
USE tethered satellites

satellites, TIROS
USE TIROS satellites

satellites, Tiros N series
USE Tiros N series satellites

satellites, tracking and data relay
USE TDR satellites

satellites, transit
USE transit satellites

satellites, UK
USE UK satellites

satellites, United Kingdom
USE UK satellites

satellites, Uranus
USE Uranus satellites

satellites, Vanguard
USE Vanguard satellites

satellites, Vela
USE Vela satellites

satellites, Venera
USE Venera satellites

satellites, Westar
USE Westar satellites

Sats for Ionospheric Study, International
USE ISIS satellites

sats, Galactic Radiation Exp Background
USE GREB satellites

Sats, Geostationary Operational Environ
USE GOES satellites

saturable reactors

saturated hydrocarbons
USE alkanes

saturation

saturation (chemistry)

saturation, de
USE desaturation

saturation, super
USE supersaturation

Saturn

Saturn atmosphere

Saturn D launch vehicle

Saturn flyby, Mariner Jupiter-
USE Mariner Jupiter-Saturn flyby

Saturn launch vehicles

Saturn (planet)

Saturn project

Saturn rings

Saturn S-1 stage

Saturn S-1B stage

Saturn S-1C stage

Saturn S-2 stage

Saturn S-4 stage

Saturn S-4B stage

Saturn satellites

Saturn spacecraft, Pioneer
USE Pioneer 11 space probe

Saturn stages

Saturn workshops

Saturn 1 launch vehicles

Saturn 1 SA-1 launch vehicle

Saturn 1 SA-2 launch vehicle

Saturn 1 SA-3 launch vehicle

Saturn 1 SA-4 launch vehicle

Saturn 1 SA-5 launch vehicle

Saturn 1 SA-6 launch vehicle

Saturn 1 SA-7 launch vehicle

Saturn 1 SA-8 launch vehicle

Saturn 1 SA-9 launch vehicle

Saturn 1 SA-10 launch vehicle

Saturn 1 workshop

Saturn 1B launch vehicles

Saturn 2 launch vehicles

Saturn 5 launch vehicles

Saturn 5 workshop

Saudi Arabia

Saudi Arabian space program

Savage aircraft
USE A-2 aircraft

Savannah nuclear ship

savannahs
USE grasslands

saws

sawtooth waveforms

Sb
USE antimony

Sc
USE scandium

SC
USE South Carolina

SC), Sand Hills Region (GA-NC-
USE Sand Hills Region (GA-NC-SC)

SC-1 aircraft

SC-1 aircraft, Short
USE SC-1 aircraft

SC-5 aircraft

SC-5 aircraft, Short
USE SC-5 aircraft

SC-7 aircraft

SC-7 aircraft, Short
USE SC-7 aircraft

scalar magnetic charge
USE magnetic charge density

scalars

scale

scale (corrosion)

scale effect

scale, fahrenheit temperature
USE temperature scales

scale, gray
USE gray scale

scale height

scale integration, large
USE large scale integration

scale integration, medium
USE medium scale integration

scale integration, very large
USE very large scale integration

scale models

scale (ratio)

scale, Taylor manifest anxiety
USE Taylor manifest anxiety scale

scale tests, full
USE full scale tests

scalars

scales, temperature
USE temperature scales

scaling

scaling, de
USE descaling

scaling laws

scallop

scan radiometer, visible infrared spin
USE visible infrared spin scan radiometer

Scandinavia

scandium

scandium compounds

scandium isotopes

scandium oxides

scandium 46
USE scandium isotopes

scanner, CAT
USE computer aided tomography

Scanner, Coastal Zone Color
USE Coastal Zone Color Scanner

scanner, ocean color
USE ocean color scanner

Scanner project

scanners

scanners, flying spot
USE flying spot scanners

scanners, horizon
USE horizon scanners

scanners, infrared
USE infrared scanners

scanners, infrared horizon
USE infrared scanners
horizon scanners

(scanners), MUBIS

(scanners), MUBIS

USE multiple beam interval scanners

scanners, multiple beam interval

USE multiple beam interval scanners

scanners, multispectral band

USE multispectral band scanners

scanners, optical

USE optical scanners

scanners, ultrasonic

USE ultrasonic scanners

scanning

scanning beam landing system, microwave

USE microwave scanning beam landing system

scanning, conical

USE conical scanning

scanning devices

USE scanners

scanning electron microscopy

scanning, frequency

USE frequency scanning

scanning laser acoustic microscope (SLAM)

USE acoustic microscopes

scanning, panoramic

USE panoramic scanning

scanning, radar

USE radar scanning

scanning, raster

USE raster scanning

scanning tunneling microscopy

scapula

SCAR program

USE supersonic cruise aircraft research

scarfing

scarps

USE escarpments

scars

scars (geology)

USE erosion

SCAT

USE supersonic commercial air transport

SCATHA satellite

scatter plates (optics)

scatter propagation

scatter propagation, ionospheric F-

USE ionospheric F-scatter propagation

Scatter Radar, European Incoherent

USE EISCAT radar system (Europe)

scatter radar, incoherent

USE incoherent scatter radar

scatter site program, radar target

USE radar target scatter site program

scatterers

USE scattering

scattering

scattering, acoustic

USE acoustic scattering

scattering amplitude

scattering, atmospheric

USE atmospheric scattering

scattering, back

USE backscattering

scattering coefficients

scattering, coherent

USE coherent scattering

scattering cross sections

scattering, elastic

USE elastic scattering

scattering, electromagnetic

USE electromagnetic scattering

scattering, electron

USE electron scattering

scattering, forward

USE forward scattering

scattering functions

scattering, incoherent

USE incoherent scattering

scattering, inelastic

USE inelastic scattering

scattering, inverse

USE inverse scattering

scattering, ion

USE ion scattering

scattering layers, deep

USE deep scattering layers

scattering, light

USE light scattering

scattering, lunar

USE diffuse radiation
lunar radar echoes

scattering matrix

USE S matrix theory

scattering meters, light

USE light scattering meters

scattering, microwave

USE microwave scattering

scattering, Mie

USE Mie scattering

scattering, neutron

USE neutron scattering

scattering, nuclear

USE nuclear scattering

scattering, nucleon-nucleon

USE nucleon-nucleon scattering

scattering, proton

USE proton scattering

scattering, radar

USE radar scattering

scattering, radio

USE radio scattering

scattering, Raman

USE Raman spectra

scattering, Rayleigh

USE Rayleigh scattering

scattering, resonance

USE resonance scattering

scattering, Thomson

USE Thomson scattering

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scattering, tropospheric

USE tropospheric scattering

scattering, wave

USE wave scattering

scattering, X ray

USE X ray scattering

scatterometers

scavenging

SCCF

USE Solar Cell Calibration Facility

scene analysis

scenedesmus

SCF

USE self consistent fields

Schach effect

Schauder fixpoint theorem

schedules

scheduling

(scheduling), programming

USE programming (scheduling)

scheelite

Schellkunoff principle

schematics

USE circuit diagrams

schemes, ENO

USE essentially non-oscillatory schemes

schemes, essentially non-oscillatory

USE essentially non-oscillatory schemes

schemes (mathematics), upwind

USE upwind schemes (mathematics)

schemes, total variation diminishing

USE TVD schemes

schemes, TVD

USE TVD schemes

Scherrer method, Debye-

USE Debye-Scherrer method

Schiff bases

USE imines

schist

schizophrenia

Schleicher aircraft

Schleicher KA-6 sailplane

USE KA-6 sailplanes

Schlichting waves, Tollmien-

USE Tollmien-Schlichting waves

Schlieren photography

Schmidt cameras

Schmidt filtering, Kalman-

USE Kalman-Schmidt filtering

Schmidt method

Schmidt number

Schmidt telescopes

schools

schools (fish)

Schottky barrier diodes
USE Schottky diodes

Schottky diodes

Schottky effect
USE work functions

schreibersite

Schrieffer theory, Bardeen-Cooper-
USE BCS theory

Schroedinger equation

Schuler tuning

Schumann-Runge bands

Schwartz inequality

Schwartz method

Schwarz-Christoffel transformation

Schwarzschild antennas

Schwarzschild metric

Schwassmann-Wachmann comet

sciatic region

science

science, materials
USE materials science

science, medical
USE medical science

science, soil
USE soil science

sciences, aerospace
USE aerospace sciences

sciences, culture (social)
USE culture (social sciences)

sciences, Earth
USE Earth sciences

sciences, forensic
USE law (jurisprudence)

sciences, life
USE life sciences

sciences, physical
USE physical sciences

sciences, space
USE aerospace sciences

scientific instrument modules
USE SIM

Scientific Modules, Lunar Surface
USE LSSM

Scientific Satellite, Biomedical Experiment
USE BESS (satellite)

scientific satellites

scientific satellites, small
USE small scientific satellites

scientific survey module, local
USE local scientific survey module

scientific visualization

scientists

Scimitar aircraft

Scimitar aircraft, Vickers
USE Scimitar aircraft

scintillating fibers

scintillation

scintillation counters

scintillation fibers
USE scintillating fibers

scintillators
USE scintillation counters

scintillometers
USE scintillation counters

scission
USE cleavage

scoops

Scopes, Low Intensity X Ray Imaging
USE lixiscopes

scopolamine
USE hyoscine

SCORE omnirange
USE self calibrating omnirange

SCORE satellite

scoring

Scorpio constellation
USE Scorpius constellation

Scorpius constellation

Scotchlite (trademark)

Scotia, Nova
USE Nova Scotia

Scotland

Scout helicopter
USE P-531 helicopter

Scout launch vehicle

Scout project

Scout rocket vehicle, Blue
USE Blue Scout rocket vehicle

SCPC transmission
USE single channel per carrier transmission

SCR (rectifiers)
USE silicon controlled rectifiers

SCRAM

scrambling (communication)

scramjet engines
USE supersonic combustion ramjet engines

scramjets
USE supersonic combustion ramjet engines

scrap

scrapers

screen effect

screening

screens

screens, sizing
USE sizing screens

screw dislocations

screw pinch

screws

scribing
USE scoring

scrubbers

scrubbing
USE washing

scrubs (botany)
USE brush (botany)

Scutum constellation

Scylla

SD
USE South Dakota

(SD-WY), Black Hills
USE Black Hills (SD-WY)

SDP (computers)
USE site data processors

SDS 900 series computers

SDS 930 computer

SDS 9300 computer

SDV
USE Shuttle Derived Vehicles

Se
USE selenium

SE-A
USE Explorer 30 satellite

SE-210 aircraft

SE-210 aircraft, Sud Aviation
USE SE-210 aircraft

SE-3160 helicopter

SE-3160 helicopter, Sud Aviation
USE SE-3160 helicopter

Sea, Adriatic
USE Adriatic Sea

Sea, Arabian
USE Arabian Sea

sea, Baltic
USE Baltic sea

Sea, Barents
USE Barents Sea

Sea, Bering
USE Bering Sea

Sea, Black
USE Black Sea

sea breeze

Sea (CA), Salton
USE Salton Sea (CA)

Sea, Caribbean
USE Caribbean Sea

Sea, Caspian
USE Caspian Sea

Sea, Chukchi
USE Chukchi Sea

sea floor spreading

sea grasses

sea ice

sea ice interactions, air
USE air sea ice interactions

sea interactions, air

sea interactions, air
USE air water interactions

sea keeping

Sea King helicopter
USE SH-3 helicopter

Sea Knight helicopter
USE CH-46 helicopter

sea launching

sea law

sea level

Sea, Mediterranean
USE Mediterranean Sea

Sea, North
USE North Sea

Sea (North America), Beaufort
USE Beaufort Sea (North America)

Sea of Japan

Sea of Okhotsk

sea power plants, solar
USE solar sea power plants

Sea, Red
USE Red Sea

sea roughness

Sea, Sargasso
USE Sargasso Sea

sea states

sea surface temperature

sea truth

sea urchins

sea walls
USE breakwaters

sea water

Seafarer project

Seahorse helicopter
USE UH-34 helicopter

seafants
USE sealers

sealers

sealing

sealing, self
USE self sealing

seals (animals)

seals, brush
USE brush seals

(seals), glands
USE glands (seals)

seals, hermetic
USE hermetic seals

seals, labyrinth
USE labyrinth seals

seals, O ring
USE O ring seals

(seals), packings
USE packings (seals)

seals, pump
USE pump seals

seals (stoppers)

seamounts

seams (joints)

seaplanes

Search and Ranging Radar, North American
USE North American Search and Ranging Radar

Search and Rescue Satellite
USE SarSat

Search for Extraterrestrial Intelligence
USE Project SETI

search profiles

search radar

searching

searchlights

seas

SEASAT program

SEASAT satellites

SEASAT 1

SEASAT-B satellite

(season), spring
USE spring (season)

seasonal variations
USE annual variations

seasons

Seasprite helicopter
USE UH-2 helicopter

seat belts

seats

seats, ejection
USE ejection seats

seats, flying ejection
USE flying ejection seats

seaweeds

sebaceous glands

sebacic acid

second law, Newton
USE Newton second law

secondary batteries
USE storage batteries

secondary cosmic rays

secondary emission

secondary flow

secondary injection

secondary ion mass spectrometry

secondary radar

secondary waves
USE S waves

secretions

secretions, endocrine
USE endocrine secretions

sections

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sections, absorption cross
USE absorption cross sections

sections, airfoil
USE airfoil profiles

sections, capture cross
USE absorption cross sections

sections, cross
USE cross sections

sections, dorsal
USE dorsal sections

sections, ionization cross
USE ionization cross sections

sections, neutron cross
USE neutron cross sections

sections, posterior
USE posterior sections

sections, radar cross
USE radar cross sections

sections, scattering cross
USE scattering cross sections

sections, ventral
USE ventral sections

sectors

secular perturbation
USE long term effects

secular variations

security

security, airport
USE airport security

security, computer
USE computer information security

security, computer information
USE computer information security

sedatives

sediment transport

sedimentary rocks

sediments

SEE (software engineering environments)
USE programming environments

Seebeck coefficient
USE Seebeck effect

Seebeck effect

seeding, cloud
USE cloud seeding

seeding (inoculation)
USE inoculation

seeds

seeing (astronomy)

seeing, atmospheric
USE seeing (astronomy)

seekers
USE homing devices

seepage

segments

Segre characteristic

segregation
USE separation

seismic array, large aperture
USE large aperture seismic array

seismic energy

seismic waves

seismocardiography

seismograms

seismographs

seismographs, lunar
USE lunar seismographs

seismology

seismology, helio
USE helioseismology

seismology, solar
USE helioseismology

seismometers
USE seismographs

seizures

SEL computers

selection

selection, personnel
USE personnel selection

selection, pilot
USE pilot selection

selection rules (nuclear physics)

selection, site
USE site selection

selective coatings, solar
USE selective surfaces

selective dissemination of information

selective electrodes, ion
USE ion selective electrodes

selective fading

selective surfaces

selectivity

selectors

selenides

selenides, cadmium
USE cadmium selenides

selenides, copper
USE copper selenides

selenides, gallium
USE gallium selenides

selenides, lead
USE lead selenides

selenides, zinc
USE zinc selenides

selenium

selenium alloys

selenium compounds

selenium isotopes

selenium oxides

selenography

selenology

self absorption

self adaptive control systems

self alignment

self calibrating omnirange

self consistent fields

self deploying space stations
USE self erecting devices
space stations

self diffusion (solid state)

self erecting devices

self excitation

self focusing

self induced vibration

self initiated antiaircraft missiles
USE SIAM missiles

self lubricating materials

self lubrication

self maneuvering units

self maneuvering units, space
USE self maneuvering units

self organizing systems

self oscillation

self propagation

self regulating
USE automatic control

self repairing devices

self sealing

self shadowing

self stimulation

self subtraction holography
USE holographic subtraction

self sustained emission

self tests

self-diffusion, gaseous
USE gaseous self-diffusion

Selsyns (trademark)
USE servomotors

SEM (microscopy)
USE scanning electron microscopy

semantics

semicircular canals

semiconducting films

semiconductor devices

semiconductor devices, NDM
USE NDM semiconductor devices

semiconductor diodes

semiconductor insulator semiconductors
USE SIS (semiconductors)

semiconductor junctions

semiconductor lasers

semiconductor plasmas

semiconductor-metal semiconductors, metal-
USE MSM (semiconductors)

semiconductors, amorphous
USE amorphous semiconductors

semiconductors, complementary metal oxide
USE CMOS

semiconductors, indium-tin-oxide
USE ITO (semiconductors)

(semiconductors), ITO
USE ITO (semiconductors)

semiconductors (materials)

semiconductors, metal insulator
USE MIS (semiconductors)

semiconductors, metal oxide
USE metal oxide semiconductors

semiconductors, metal-insulator-metal
USE MIM (semiconductors)

semiconductors, metal-nitride-oxide-
USE metal-nitride-oxide-semiconductors

semiconductors, metal-oxide-metal
USE MOM (semiconductors)

semiconductors, metal-semiconductor-metal
USE MSM (semiconductors)

(semiconductors), MIM
USE MIM (semiconductors)

(semiconductors), MIS
USE MIS (semiconductors)

(semiconductors), MOM
USE MOM (semiconductors)

(semiconductors), MOS
USE metal oxide semiconductors

(semiconductors), MSM
USE MSM (semiconductors)

semiconductors, n-type
USE n-type semiconductors

semiconductors, negative diff mobility
USE NDM semiconductor devices

semiconductors, organic
USE organic semiconductors

semiconductors, p-type
USE p-type semiconductors

semiconductors, semiconductor insulator
USE SIS (semiconductors)

semiconductors, silicon-on-insulator
USE SOI (semiconductors)

semiconductors, silicon-on-sapphire
USE SOS (semiconductors)

(semiconductors), SIS
USE SIS (semiconductors)

(semiconductors), SOI
USE SOI (semiconductors)

(semiconductors), SOS
USE SOS (semiconductors)

semiempirical equations

semimetals
USE metalloids

semiregular variable stars

semisolids

semispan models

Senarmont polariscopes

Senarmont polariscopes

senders

USE transmitters

Seneca aircraft

USE PA-34 Seneca aircraft

Seneca aircraft, PA-34

USE PA-34 Seneca aircraft

Senegal

sensation areas, auditory

USE auditory sensation areas

sensation, tactile

USE touch

sense organs

senses

USE sensory perception

sensibility

USE sensitivity

sensing

USE detection

Sensing, Crop Inventories by Remote

USE AgRISTARS project

sensing, horizon

USE horizon scanners

sensing, position

USE position sensing

sensing, remote

USE remote sensing

sensitivity

sensitivity, impact

USE impact resistance

sensitivity, notch

USE notch sensitivity

sensitivity, pain

USE pain sensitivity

sensitivity, photo

USE photosensitivity

sensitivity, propellant

USE propellant sensitivity

sensitivity, spectral

USE spectral sensitivity

sensitizing

sensitizing, de

USE desensitizing

sensitometry

sensor modes, pushbroom

USE pushbroom sensor modes

(sensor), SATAN

USE terrain analysis

sensorimotor performance

sensors

sensors, contour

USE contour sensors

sensors, guidance

USE guidance sensors

sensors, image velocity

USE image velocity sensors

sensors, microwave

USE microwave sensors

sensors (nonrobotics), torque

USE torquemeters

sensors, optical

USE optical measuring instruments

sensors, pressure

USE pressure sensors

sensors, remote

USE remote sensors

sensors, robot

USE robot sensors

sensors (robotics), tactile

USE tactile sensors (robotics)

sensors (robotics), torque

USE torque sensors (robotics)

sensors, solar

USE solar sensors

sensors, spacecraft

USE spacecraft instruments

sensors, sun

USE solar sensors

sensors, temperature

USE temperature sensors

sensory deprivation

sensory discrimination

sensory feedback

sensory perception

sensory stimulation

sentences

Sentinel system

SEO (Indian spacecraft)

USE Indian spacecraft

SEOCS (satellite)

SEOS

USE Synchronous Earth Observatory satellite

SEPAC (payload)

separated flow

separation

separation, boundary layer

USE boundary layer separation

separation, charge

USE polarization (charge separation)

separation, external store

USE external store separation

separation, flow

USE boundary layer separation
separated flow

separation, isotope

USE isotope separation

separation, laminar boundary layer

USE laminar boundary layer

separation (materials), phase

USE phase separation (materials)

separation, polarization (charge)

USE polarization (charge separation)

separation, radiochemical

USE radiochemical separation

separation, size

USE size separation

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(separation), sizing

USE size separation

separation, stage

USE stage separation

separators

separators, battery

USE separators

separation, laminar boundary layer

USE boundary layer separation

septum

sequence, isoelectronic

USE isoelectronic sequence

sequence stars, main

USE main sequence stars

sequence stars, pre-main

USE pre-main sequence stars

sequences, pseudorandom

USE pseudorandom sequences

sequencing

sequential analysis

sequential computers

sequential control

sergeant missiles

sergenium

series, actinide

USE actinide series

series analysis, time

USE time series analysis

series, asymptotic

USE asymptotic series

series, Balmer

USE Balmer series

series, Campbell-Hausdorff

USE Campbell-Hausdorff series

series compounds, actinide

USE actinide series compounds

series computers, CDC Cyber 170

USE CDC Cyber 170 series computers

series computers, CDC 6000

USE CDC 6000 series computers

series computers, CDC 7000

USE CDC 7000 series computers

series computers, SDS 900

USE SDS 900 series computers

series computers, Univac 1100

USE Univac 1100 series computers

series computers, VAX-11

USE VAX-11 series computers

series, cosine

USE cosine series

series expansion

series, Fourier

USE Fourier series

series, MacLaurin

USE MacLaurin series

series (mathematics)

series, McLaurin

USE MacLaurin series

series metals, lanthanide
USE rare earth elements

series, Paschen
USE Paschen series

series, power
USE power series

series, Prony
USE Prony series

series, Rydberg
USE Rydberg series

series satellites, Tiros N
USE Tiros N series satellites

series, sine
USE sine series

series, Taylor
USE Taylor series

serotonin

serpentine

serratia

SERT (rocket tests)
USE space electric rocket tests

SERT 1 spacecraft

SERT 2 spacecraft

serums

serums, anti
USE antiserums

service, land mobile satellite
USE land mobile satellite service

service life

service modules

service modules, command
USE command service modules

services

services, medical
USE medical services

services, meteorological
USE meteorological services

servicing, orbital
USE orbital servicing

servoamplifiers

servocontrol

servomechanisms

servomotors

servos
USE servomotors

servostability control
USE servocontrol

SES
USE surface effect ships

SES (Shuttle)
USE Shuttle Engineering Simulator

set

set theory

SETI
USE Project SETI

SETI, Project
USE Project SETI

sets, Borel
USE Borel sets

sets (computers), instruction
USE instruction sets (computers)

sets, fuzzy
USE fuzzy sets

sets, psychological
USE psychological sets

setting

settling

setups

seven day variation, twenty-
USE twenty-seven day variation

Severe Storms Observing Satellite
USE StormSat satellite

Severe Storms Project, National
USE National Severe Storms Project

sewage

sewage treatment

sewers

sewing

sex

sex factor

sex glands

sextants

Seychelles

Seyfert galaxies

SFAR
USE sound fixing and ranging

sferics
USE atmospherics

SGEMP
USE system generated electromagnetic pulses

SGR (nuclear reactors)
USE sodium graphite reactors

SH waves

SH-3 helicopter

SH-4 helicopter

shackleton bomber

shades

shadow, lunar
USE lunar shadow

shadowgraph photography

shadowgraph photography, spark
USE shadowgraph photography

shadowgraphs
USE shadowgraph photography

shadowing, self
USE self shadowing

shadows

shaft engines, convertible fan-
USE convertible fan-shaft engines

(shafts), journals
USE shafts (machine elements)

shafts (machine elements)

shafts, rotating
USE rotating shafts

shafts, turbo
USE turboshafts

shakers

shaking

shale oil

shales

shallow shell equations

shallow shells

shallow water

shanks
USE joints (junctions)

Shannon information theory
USE information theory

Shannon-Wiener measure

shape control

shape, Earth
USE geodesy

shape functions

shape, line
USE line shape

shape memory alloys

shape, ogee
USE ogee shape

shape, T
USE T shape

shape wheels, doughnut
USE toroidal wheels

shaped charges

shapers

shapes

(shapes), disks
USE disks (shapes)

shapes, fusiform
USE cones

shapes, mode
USE modal response

shapes, rosette
USE rosette shapes

(shaping), sizing
USE sizing (shaping)

sharing, time
USE time sharing

sharks

sharp leading edges

sharpness

shatter cones

shattering
USE fragmentation

Shawnee helicopter
USE CH-21 helicopter

shear

shear

shear creep

shear disturbances

USE S waves

shear fatigue

USE shear stress

shear flow

shear heating, magnetohydrodynamic

USE magnetohydrodynamic shear heating

shear layer, Chapman

USE shear layers

shear layers

shear mechanism, Dungeys wind

USE wind shear

shear properties

shear strain

shear strength

shear stress

shear waves

USE S waves

shear waves, horizontally polarized

USE SH waves

shear, wind

USE wind shear

shearing

shearing stress

USE shear stress

shears

sheath, magneto

USE magnetosheath

sheaths

sheaths, ion

USE ion sheaths

sheaths, plasma

USE plasma sheaths

shedding

shedding, vortex

USE vortex shedding

sheds

sheep

sheet metal

USE metal sheets

sheet molding compounds

sheets

sheets, current

USE current sheets

sheets, elastic

USE elastic sheets

sheets, metal

USE metal sheets

sheets, neutral

USE neutral sheets

sheets, vortex

USE vortex sheets

(sheets), webs

USE webs (sheets)

shelf, Ross ice

USE Ross ice shelf

shell anodes

shell equations, shallow

USE shallow shell equations

shell galaxies

shell stability

shell stars

shell theory

shellfish

shells, anisotropic

USE anisotropic shells

shells, atmospheric

USE atmospheric stratification

shells, circular

USE circular shells

shells, conical

USE conical shells

shells, corrugated

USE corrugated shells

shells, cylindrical

USE cylindrical shells

shells, elastic

USE elastic shells

shells, fluid filled

USE fluid filled shells

shells, hemispherical

USE hemispherical shells

shells, liquid filled

USE liquid filled shells

shells, metal

USE metal shells

shells, orthotropic

USE orthotropic shells

shells, perforated

USE perforated shells

shells, plastic

USE plastic shells

shells, reinforced

USE reinforced shells

shells, shallow

USE shallow shells

shells, spherical

USE spherical shells

shells (structural forms)

shells, thin walled

USE thin walled shells

shells, toroidal

USE toroidal shells

shelters

shelters, lunar

USE lunar shelters

shelves

shelves, continental

USE continental shelves

shelves, ice

USE land ice

Shenandoah Valley (VA)

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shergottites

Shield, Canadian

USE Canadian Shield

Shield (Europe), Baltic

USE Baltic Shield (Europe)

shielding

shielding, electromagnetic

USE electromagnetic shielding

shielding, electrostatic

USE electrostatic shielding

shielding, heat

USE heat shielding

shielding, magnetic

USE magnetic shielding

shielding, nuclear

USE radiation shielding

shielding, radiation

USE radiation shielding

shielding, radio frequency

USE radio frequency shielding

shielding reactor 2, tower

USE tower shielding reactor 2

shielding, reentry

USE reentry shielding

shielding, reusable heat

USE reusable heat shielding

shielding, solar radiation

USE solar radiation shielding

shielding, spacecraft

USE spacecraft shielding

shielding, thermal

USE heat shielding

shields, cirrus

USE cirrus shields

shields (geology)

USE bedrock

(shields), guards

USE guards (shields)

shields, molecular

USE molecular shields

shields, wind

USE windshields

shift

shift, chemical

USE chemical equilibrium

shift circuits, circulators (phase

USE circulators (phase shift circuits)

shift circuits, phase

USE phase shift circuits

shift control reactor, spectral

USE spectral shift control reactor

shift control, spectral

USE spectral shift control

shift, frequency

USE frequency shift

shift, isotope

USE isotope effect

shift keying, binary phase

USE binary phase shift keying

- shift keying, biphasic**
USE binary phase shift keying
- shift keying, frequency**
USE frequency shift keying
- shift keying, phase**
USE phase shift keying
- shift keying, quadrature phase**
USE quadrature phase shift keying
- shift keying, quadrphase**
USE quadrature phase shift keying
- shift, knight**
USE nuclear magnetic resonance
- shift, phase**
USE phase shift
- shift, red**
USE red shift
- shift registers**
- shift, stellar Doppler**
USE Doppler effect
- shift, threshold**
USE thresholds
- shifting equilibrium flow**
- Shillelagh missiles**
- Ship, Advanced Range Instrumentation**
USE Advanced Range Instrumentation Ship
- ship, ARIS instrumentation**
USE Advanced Range Instrumentation Ship
- ship hulls**
- ship, Savannah nuclear**
USE Savannah nuclear ship
- (ship), SWATH**
USE SWATH (ship)
- ship terminals**
- ship to shore communication**
- ships**
- ships, air**
USE airships
- ships, cargo**
USE cargo ships
- ships, LOTS cargo**
USE cargo ships
- ships, nuclear powered**
USE nuclear powered ships
- ships, satellite communications**
USE satellite communications ships
- ships, surface effect**
USE surface effect ships
- ships, tanker**
USE tanker ships
- shipyards**
- Shiva laser system**
- shivering**
- shoals**
- shock**
- shock absorbers**
- shock diffusers**
USE shock wave attenuation diffusers
- shock discontinuity**
- shock fronts**
- shock heating**
- shock, hydraulic**
USE hydraulic shock
- shock, hypersonic**
USE hypersonic shock
- shock layers**
- shock loads**
- shock measuring instruments**
- shock, mechanical**
USE mechanical shock
- shock (physiology)**
- shock resistance**
- shock simulators**
- shock spectra**
- shock tests**
- shock, thermal**
USE thermal shock
- shock tubes**
- shock tubes, magnetic annular**
USE magnetic annular shock tubes
- shock tubes, MAST**
USE magnetic annular shock tubes
- shock tunnels**
- shock wave attenuation**
- shock wave control**
- shock wave generators**
- shock wave interaction**
- shock wave luminescence**
- shock wave profiles**
- shock wave propagation**
- shock waves**
- shock waves, bow**
USE shock waves
- shock waves, normal**
USE normal shock waves
- shock waves, oblique**
USE oblique shock waves
- shoes**
- Shooting Star aircraft**
USE T-33 aircraft
- shops**
- Shoran**
- shore communication, ship to**
USE ship to shore communication
- shore (LOTS) carrier, logistics over the**
USE logistics over the shore (LOTS) carrier
- shorelines**
- shorelines, advancing**
USE beaches
- Short Belfast C MK-1 aircraft**
USE SC-5 aircraft
- short circuit currents**
- short circuits**
- short cracks**
- short haul aircraft**
- short range ballistic missiles**
- short range navigation**
USE Shoran
- Short SC-1 aircraft**
USE SC-1 aircraft
- Short SC-5 aircraft**
USE SC-5 aircraft
- Short SC-7 aircraft**
USE SC-7 aircraft
- short stack, Apollo**
USE Apollo short stack
- short takeoff & vertical landing aircraft**
USE STOVL aircraft
- short takeoff aircraft**
- short wave radiation**
- short wave radio equipment, ultra**
USE very high frequency radio equipment
- short wave radio transmission**
- shortening**
USE reduction
- shot**
- shot noise**
- shot peening**
- shot proj, experimental reflector orbital**
USE experimental reflector orbital shot proj
- Shot project, Big**
USE Big Shot project
- shots, orbital**
USE orbital shots
- shoulders**
- showers**
- showers, cosmic ray**
USE cosmic ray showers
- showers, meteoroid**
USE meteoroid showers
- shrapnel**
- shredding**
- Shrike missile**
- shrinkage**
- shrouded bodies**
USE shrouds
- shrouded nozzles**
- shrouded propellers**
- shrouded turbines**
- shrouds**

shunts

shunts

USE bypasses
circuits

shutdowns

shutters

shutters, camera
USE camera shutters

Shuttle, Aeromaneuvering Orbit to Orbit
USE Aeromaneuvering Orbit to Orbit Shuttle

Shuttle ascent stage, Space
USE Space Shuttle ascent stage

shuttle avionics integration laboratory
USE SAIL project

shuttle boosters
USE Space Shuttle boosters

Shuttle boosters, Space
USE Space Shuttle boosters

shuttle, Buran space
USE Buran space shuttle

Shuttle Derived Vehicles

Shuttle Engineering Simulator

shuttle glow
USE spacecraft glow

Shuttle Imaging Radar

Shuttle Imaging Radar, Earth Resources
USE Earth Resources Shuttle Imaging Radar

Shuttle main engine, Space
USE Space Shuttle main engine

Shuttle Mission Simulator

Shuttle mission 31-A, Space
USE Space Shuttle mission 31-A

Shuttle mission 31-B, Space
USE Space Shuttle mission 31-B

Shuttle mission 31-C, Space
USE Space Shuttle mission 31-C

Shuttle mission 31-D, Space
USE Space Shuttle mission 31-D

Shuttle mission 41-A, Space
USE Space Shuttle mission 41-A

Shuttle mission 41-B, Space
USE Space Shuttle mission 41-B

Shuttle mission 41-C, Space
USE Space Shuttle mission 41-C

Shuttle mission 41-D, Space
USE Space Shuttle mission 41-D

Shuttle mission 41-G, Space
USE Space Shuttle mission 41-G

Shuttle mission 51-A, Space
USE Space Shuttle mission 51-A

Shuttle mission 51-B, Space
USE Space Shuttle mission 51-B

Shuttle mission 51-C, Space
USE Space Shuttle mission 51-C

Shuttle mission 51-D, Space
USE Space Shuttle mission 51-D

Shuttle mission 51-E, Space
USE Space Shuttle mission 51-E

Shuttle mission 51-F, Space
USE Space Shuttle mission 51-F

Shuttle mission 51-G, Space
USE Space Shuttle mission 51-G

Shuttle mission 51-H, Space
USE Space Shuttle mission 51-H

Shuttle mission 51-I, Space
USE Space Shuttle mission 51-I

Shuttle mission 51-J, Space
USE Space Shuttle mission 51-J

Shuttle mission 51-L, Space
USE Space Shuttle mission 51-L

Shuttle mission 61-A, Space
USE Space Shuttle mission 61-A

Shuttle mission 61-B, Space
USE Space Shuttle mission 61-B

Shuttle mission 61-C, Space
USE Space Shuttle mission 61-C

Shuttle mission 61-E, Space
USE Space Shuttle mission 61-E

Shuttle missions, Space
USE Space Shuttle missions

Shuttle, Orbit Maneuvering Engine (Space
USE Orbit Maneuvering Engine (Space Shuttle)

(shuttle), Orbital Flight Test 1
USE Space Transportation System 1 flight

shuttle orbital flight test 1, space
USE Space Transportation System 1 flight

(shuttle), Orbital Flight Test 2
USE Space Transportation System 2 flight

shuttle orbital flight test 2, space
USE Space Transportation System 2 flight

(shuttle), Orbital Flight Test 3
USE Space Transportation System 3 flight

shuttle orbital flight test 3, space
USE Space Transportation System 3 flight

(shuttle), Orbital Flight Test 4
USE Space Transportation System 4 flight

shuttle orbital flight test 4, space
USE Space Transportation System 4 flight

(shuttle), orbital flight tests
USE Space Transportation System flights

shuttle orbital flight tests, space
USE Space Transportation System flights

Shuttle Orbital Flight 7, Space
USE Space Shuttle mission 31-C

Shuttle Orbital Flight 8, Space
USE Space Shuttle mission 31-D

Shuttle Orbital Flight 9, Space
USE Space Shuttle mission 41-A

Shuttle orbital flights, Space
USE Space Transportation System flights

Shuttle Orbiter 099, Space
USE Challenger (Orbiter)

Shuttle Orbiter 101, Space
USE Enterprise (Orbiter)

Shuttle Orbiter 102, Space
USE Columbia (Orbiter)

Shuttle Orbiter 103, Space
USE Discovery (Orbiter)

Shuttle Orbiter 104, Space
USE Atlantis (orbiter)

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Shuttle Orbiters

USE Space Shuttle orbiters

Shuttle orbiters, Space

USE Space Shuttle orbiters

Shuttle pallet satellites

Shuttle payloads, Space
USE Space Shuttle payloads

(Shuttle), SES

USE Shuttle Engineering Simulator

(Shuttle), SMS

USE Shuttle Mission Simulator

shuttle, solid rocket boosters (space
USE Space Shuttle boosters

Shuttle, solid rocket boosters (Space
USE Space Shuttle boosters

Shuttle solid rocket motors, Space
USE Space Shuttle boosters

Shuttle upper stage A, Space
USE Space Shuttle upper stage A

Shuttle upper stage D, Space
USE Space Shuttle upper stage D

Shuttle upper stages, Space
USE Space Shuttle upper stages

Shuttles, Space
USE Space Shuttles

Si
USE silicon

SI
USE International System of Units

sialon

SIAM missiles

Siberia

SIC (coefficient)
USE structural influence coefficients

Sicily

sickness, air
USE motion sickness

sickness, altitude
USE altitude sickness

sickness, decompression
USE decompression sickness

sickness drugs, motion
USE motion sickness drugs

sickness, motion
USE motion sickness

sickness, radiation
USE radiation sickness

sicknesses

SID (ionospheric disturbances)
USE sudden ionospheric disturbances

Siddeley aircraft, Hawker
USE Hawker Siddeley aircraft

Siddeley BS 53 engine, Bristol-
USE Bristol-Siddeley BS 53 engine

Siddeley Olympus 593 engine, Bristol-
USE Bristol-Siddeley Olympus 593 engine

Siddeley Viper engine, Bristol-
USE Bristol-Siddeley Viper engine

side inlets

side, lunar far
USE lunar far side

side-looking radar

sideband modulation, single
USE single sideband transmission

sideband transmission, double
USE double sideband transmission

sideband transmission, single
USE single sideband transmission

sidebands

sidelobe reduction

sidelobes

sidereal time

siderite meteorites
USE iron meteorites

siderites

sides

sideslip

sidewash
USE backwash

Sidewinder missiles

Siebel aircraft

Siemens 2002 computer

Sierra Leone

Sierra Nevada Mountains (CA)

sieves

sieves, molecular
USE absorbents

sight
USE visual perception

sight communication, line of
USE line of sight communication

sight, line of
USE line of sight

SIGMA computers

Sigma Orionis

SIGMA 5 computer

SIGMA 7

SIGMA 9 computer

sigma-mesons

signal analysis

signal analyzers

signal attenuation, radio
USE radio attenuation

signal detection

signal detectors

signal discriminators
USE signal detectors

signal distortion

signal encoding

signal fadeout
USE signal fading

signal fading

signal fading rate

signal flow graphs

signal generators

signal measurement

signal measurement, electronic
USE signal measurement

signal mixing

signal processing

signal reception

signal reflection

signal stabilization

signal to noise ratios

signal transmission

signal transmission, radio
USE radio transmission

signals

signals, audio
USE audio signals

signals, auditory
USE auditory signals

signals, chirp
USE chirp signals

signals, error
USE error signals

signals, magnetic
USE magnetic signals

signals, monaural
USE monaural signals

signals, optical
USE optical communication

signals, radio
USE radio signals

signals, random
USE random signals

signals, time
USE time signals

signals, video
USE video signals

signals, visual
USE visual signals

signals, warning
USE warning systems

signature analysis

signatures

signatures, infrared
USE infrared signatures

signatures, magnetic
USE magnetic signatures

signatures, microwave
USE microwave signatures

signatures, missile
USE missile signatures

signatures, radar
USE radar signatures

signatures, spectral
USE spectral signatures

significance

signs and symptoms

signs (symbols)
USE symbols

Sikhote-Alin meteorite

Sikkim

Sikorsky aircraft

Sikorsky HSS-2 helicopter
USE SH-3 helicopter

Sikorsky S-58 helicopter
USE S-58 helicopter

Sikorsky S-61 helicopter
USE S-61 helicopter

Sikorsky S-64 helicopter
USE CH-54 helicopter

Sikorsky S-65 helicopter
USE H-53 helicopter

Sikorsky S-67 helicopter
USE S-67 helicopter

Sikorsky Whirlwind helicopter

silanes

silanes, chloro
USE chlorosilanes

silence

silencers

silica
USE silicon dioxide

silica gel

silica glass

silicates

silicates, aluminum
USE aluminum silicates

silicates, calcium
USE calcium silicates

silicates, fluoro
USE fluorosilicates

silicates, potassium
USE potassium silicates

silicates, sodium
USE sodium silicates

silicides

silicon

silicon alloys

silicon, amorphous
USE amorphous silicon

silicon carbides

silicon compounds

silicon compounds, organic
USE organic silicon compounds

silicon controlled rectifiers

silicon dioxide

silicon films

silicon isotopes

silicon isotopes

silicon junctions

silicon, metal-nitride-oxide-
USE metal-nitride-oxide-silicon

silicon nitrides

silicon oxides

silicon polymers

silicon radiation detectors

silicon rectifiers
USE crystal rectifiers

silicon solar cells
USE solar cells

silicon tetrachloride

silicon transistors

silicon, triphenyl
USE triphenyl silicon

silicon-on-insulator semiconductors
USE SOI (semiconductors)

silicon-on-sapphire junctions
USE SOS (semiconductors)

silicon-on-sapphire semiconductors
USE SOS (semiconductors)

silicon-on-sapphire transistors
USE SOS (semiconductors)

silicone resins

silicone rubber

silicones

siliconizing

silk

silkworms

silos, missile
USE missile silos

silos (missile storage)
USE missile silos

siloxanes

silts
USE sediments

silver

silver alloys

silver batteries, cadmium
USE silver cadmium batteries

silver batteries, zinc
USE silver zinc batteries

silver bromides

silver cadmium batteries

silver chlorides

silver compounds

silver halides

silver hydrogen batteries

silver iodides

silver isotopes

silver nitrates

silver oxide batteries, zinc
USE silver zinc batteries

silver oxide zinc batteries
USE silver zinc batteries

silver oxides

silver zinc batteries

silviculture

SIM

SIMD (computers)

SIMICOR (image correlator)
USE image correlators

similarities
USE analogies

similarity hypothesis, Lagrange
USE Lagrange similarity hypothesis

similarity numbers

similarity theorem

similitude law

simple harmonic motion

simplex method

simplification

SIMS (spectrometry)
USE secondary ion mass spectrometry

simulated altitude
USE altitude simulation

simulated annealing

simulation

simulation, acoustic
USE acoustic simulation

simulation, altitude
USE altitude simulation

simulation, analog
USE analog simulation

simulation, atmospheric entry
USE atmospheric entry simulation

simulation, computer
USE computerized simulation

simulation, computer systems
USE computer systems simulation

simulation, computerized
USE computerized simulation

simulation, control
USE control simulation

simulation, data
USE data simulation

simulation, digital
USE digital simulation

simulation, environment
USE environment simulation

simulation, exhaust flow
USE exhaust flow simulation

simulation, flight
USE flight simulation

simulation flights, Spacelab
USE Assess program

simulation, landing
USE landing simulation

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simulation, motion
USE motion simulation

simulation, neutral buoyancy
USE neutral buoyancy simulation

simulation, rheoelectrical
USE rheoelectrical simulation

simulation, solar
USE solar simulation

simulation, space environment
USE space environment simulation

simulation, systems
USE systems simulation

simulation, thermal
USE thermal simulation

simulation, weightlessness
USE weightlessness simulation

Simulator, High Vacuum Orbital
USE High Vacuum Orbital Simulator

(simulator), HIVOS
USE High Vacuum Orbital Simulator

(simulator), LOLA
USE lunar orbit and landing simulators

Simulator, Lunar Gravity
USE Lunar Gravity Simulator

Simulator, Shuttle Engineering
USE Shuttle Engineering Simulator

Simulator, Shuttle Mission
USE Shuttle Mission Simulator

simulator training
USE training simulators

simulators

simulators, cockpit
USE cockpit simulators

simulators, environment
USE environment simulators

simulators, flight
USE flight simulators

simulators, lunar orbit and landing
USE lunar orbit and landing simulators

simulators, missile
USE missile simulators

simulators, motion
USE motion simulators

simulators, orbital
USE space simulators

simulators, shock
USE shock simulators

simulators, solar
USE solar simulators

simulators, space
USE space simulators

simulators, spacecraft cabin
USE spacecraft cabin simulators

simulators, target
USE target simulators

simulators, training
USE training simulators

simulators, vertical motion
USE vertical motion simulators

simulators, vibration
USE vibration simulators

simultaneous equations

simultaneous image correlator
USE image correlators

sine series

sine waves

Singapore

single channel per carrier transmission

single crystals

single engine aircraft

single event upsets

single input single output systems
USE SISO (control systems)

single instruction multiple datastream
USE SIMD (computers)

single output systems, single input
USE SISO (control systems)

single sideband modulation
USE single sideband transmission

single sideband transmission

single stage rocket vehicles

single stage to orbit vehicles

single-phase flow

singular integral equations

singularities, naked
USE naked singularities

singularity (mathematics)

sinkholes

sinking

sinking, counter
USE countersinking

sinks

sinks (geology)
USE structural basins

sinks, heat
USE heat sinks

sinks, thermal
USE heat sinks

sintered aluminum powder

sintering

sintering, liquid phase
USE liquid phase sintering

sinus body, carotid
USE carotid sinus body

sinus reflex, carotid
USE carotid sinus reflex

sinuses

sinuses, paranasal
USE paranasal sinuses

sinusitis, aero
USE aerosinusitis

sinusoids
USE sine waves

Sioux helicopter
USE OH-13 helicopter

siphoning

siphons

siphons, thermo
USE thermosiphons

SIR-A
USE Shuttle Imaging Radar

SIR-B
USE Shuttle Imaging Radar

sirens

SIRIO satellite

SIRS B satellite

SIRTF
USE Space Infrared Telescope Facility

SIS (semiconductors)

SIS (superconductors)

SISO (control systems)

Site, Arizona Regional Ecological Test
USE Arizona Regional Ecological Test Site

site), CARETS (test
USE Central Atlantic Regional Ecol Test Site

Site, Central Atlantic Regional Ecol Test
USE Central Atlantic Regional Ecol Test Site

site data processors

site program, radar target scatter
USE radar target scatter site program

site selection

sites

sites, landing
USE landing sites

sites, launching
USE launching sites

sites, lunar landing
USE lunar landing sites

sites, offshore reactor
USE offshore reactor sites

sitting position

situ measurement, in
USE in situ measurement

size (biology), body
USE body size (biology)

size, crew
USE crew size

size determination

size (dimensions)

size distribution

size distribution, particle
USE particle size distribution

size, drop
USE drop size

size, grain
USE grain size

size, pupil
USE pupil size

size separation

sizing

sizing materials

sizing screens

sizing (separation)
USE size separation

sizing (shaping)

sizing (surface treatment)

Skan equation, Falkner-
USE Falkner-Skan equation

skeleton
USE musculoskeletal system

skewness

skid landings

skidding

skills
USE abilities

skin (anatomy)

skin friction

skin grafts

skin resistance

skin response, galvanic
USE galvanic skin response

skin (structural member)

skin structures, stressed-
USE stressed-skin structures

skin temperature (biology)

skin temperature (non-biological)

Skinner boxes

skirts

skis

Skjellerup comet, Grigg-
USE Grigg-Skjellerup comet

Skua rocket vehicles

skull

sky

sky brightness

sky, night
USE night sky

sky, northern
USE northern sky

sky photography, all
USE all sky photography

sky radiation

sky, Southern
USE Southern sky

sky surveys (astronomy)

sky waves

Skybolt missile

Skycrane helicopter
USE CH-54 helicopter

Skydrol (trademark)

Skyhawk aircraft
USE A-4 aircraft

skyhook balloons

skyhook balloons

SKYLAB program

SKYLAB space station (unmanned)
USE SKYLAB 1

SKYLAB 1

SKYLAB 2

SKYLAB 3

SKYLAB 4

Skylark
USE Skylark rocket vehicle

Skylark rocket vehicle

Skymaster aircraft
USE C-54 aircraft

Skynet satellites

Skyraider aircraft
USE A-1 aircraft

Skyrocket aircraft
USE D-558 aircraft

Skystreak aircraft
USE D-558 aircraft

Skyvan aircraft
USE SC-7 aircraft

Skyvan aircraft, Turbo-
USE SC-7 aircraft

Skywarrior aircraft
USE A-3 aircraft

SL 1
USE SKYLAB 1

SL 2
USE SKYLAB 2

SL 3
USE SKYLAB 3

SL 4
USE SKYLAB 4

SL-3 rocket engine

slabs

slabs, plasma
USE plasma slabs

slags

SLAM
USE supersonic low altitude missile

(SLAM), scanning laser acoustic microscope
USE acoustic microscopes

slamming

slant
USE slopes

slant perception
USE space perception

slant range, optical
USE optical slant range

slap, blade
USE blade-vortex interaction

slap noise, blade
USE blade slap noise

slashes
USE clearings (openings)

Slater method, Hartree-Fock-
USE Hartree-Fock-Slater method

slater orbitals

slats, leading edge
USE leading edge slats

slats, wing
USE leading edge slats

sleds

sleds, rocket propelled
USE rocket propelled sleds

sleep

sleep deprivation

sleep, desynchronized
USE rapid eye movement state

sleeves

slender bodies

slender cones

slender wings

slew missiles, air
USE air slew missiles

slewing

slicing

slicks
USE oil slicks

slicks, oil
USE oil slicks

slides
USE chutes

slides (microscopy)

sliding

sliding contact

sliding friction

slip

slip bands
USE edge dislocations

slip casting

slip flow

slip, side
USE sideslip

slipstreams

slipstreams, propeller
USE propeller slipstreams

slits

slivers

slopes

slopes, glide
USE glide paths

sloshing
USE liquid sloshing

sloshing, liquid
USE liquid sloshing

slot ailerons, spoiler
USE spoiler slot ailerons

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slot antennas

slots

slots, wing
USE wing slots

slotted antennas
USE slot antennas

slotted wind tunnels

slow neutrons
USE thermal neutrons

sludge

sludge, activated
USE activated sludge

slumping

slurries

slurry propellants

slush

slush hydrogen

SLV
USE standard launch vehicles

SLV (soft landing vehicles)
USE soft landing spacecraft

SLV-3 launch vehicle, Atlas
USE Atlas SLV-3 launch vehicle

Slyke method, Van
USE Van Slyke method

Sm
USE samarium

SM-65 missile
USE Atlas launch vehicles

SM-68 missile
USE titan 1 ICBM

SM-68B missile
USE Titan 2 ICBM

small aperture terminals, very
USE VSAT (network)

Small Astronomy Satellite 1
USE SAS-1

Small Astronomy Satellite 2
USE SAS-2

Small Astronomy Satellite 3
USE SAS-3

Small Astronomy Satellites
USE SAS

small perturbation flow

small scientific satellites

Small Water Plane Area Twin Hull
USE SWATH (ship)

smallpox

smart structures

smear

smell
USE olfactory perception

smelting

Smirnov test, Kolmogorov-
USE Kolmogorov-Smirnov test

Smith chart

SMM-A
USE solar maximum mission-A

smog

smoke

smoke abatement

smoke detectors

smoke trails

Smoky Mountains (NC-TN), Great
USE Great Smoky Mountains (NC-TN)

smoothing

smoothing, data
USE data smoothing

SMS
USE synchronous meteorological satellite

SMS (Shuttle)
USE Shuttle Mission Simulator

SMS 1

SMS 2

SMU (maneuvering units)
USE self maneuvering units

Sn
USE tin

snails

snakes

snaking
USE lateral oscillation

SNAP

SNAP 1

SNAP 2

SNAP 3

SNAP 4

SNAP 7

SNAP 8

SNAP 9A

SNAP 10A

SNAP 11

SNAP 13

SNAP 15

SNAP 17

SNAP 19

SNAP 21

SNAP 23

SNAP 27

SNAP 29

SNAP 50

snapshot satellite

snaptan reactor

snatching
USE spacecraft recovery

sneak circuit analysis

sneezing

Snellen tests

Snells law

snow

Snow aerial applicator aircraft S-2B
USE S-2 aircraft

snow aircraft

snow cover

Snow S-2 aircraft
USE S-2 aircraft

snowplow effect
USE plasma dynamics

snowstorms

soaking

soaps

Soar space glider, Dyna-
USE X-20 aircraft

soaring

Sobolev space

social factors

social isolation

social psychiatry

(social sciences), culture
USE culture (social sciences)

sociology

socks

sod

sodalite

sodar

sodium

sodium alloys

sodium azides

sodium bromides

sodium carbonates

sodium chlorides

sodium chlorodifluoroacetates

sodium chromites

sodium compounds

sodium cooled reactor, advanced
USE advanced sodium cooled reactor

sodium cooling

sodium fluorides

sodium gallates

sodium graphite reactors

sodium hydrides

sodium hydroxides

sodium iodides

sodium isotopes

sodium, liquid
USE liquid sodium

sodium nitrates

sodium, pentobarbital
USE pentobarbital sodium

sodium peroxides

sodium reactor experiment

sodium salicylates

sodium silicates

sodium sulfates

sodium sulfites

sodium sulfur batteries

sodium vapor

sodium 22

sodium 24

SOFAR
USE sound fixing and ranging

SOFIA (airborne observatory)

soft landing

soft landing spacecraft

(soft landing vehicles), SLV
USE soft landing spacecraft

soft recovery
USE soft landing

softening

softening, strain
USE plastic deformation

softening, work
USE work softening

softness

software (computers)
USE computer systems programs
computer programs

software engineering

software engineering environments
USE programming environments

(software engineering environments), SEE
USE programming environments

software reliability

software reuse

software tools

SOHO Mission

SOI (semiconductors)

soil erosion

soil, lunar
USE lunar soil

soil mapping

soil mechanics

soil moisture

soil science

soils

soils, frozen

soils, frozen

USE permafrost

sol-gel processes

solar activity

solar activity effects

Solar and Heliospheric Observatory

USE SOHO Mission

solar arrays

solar arrays, rollout

USE solar arrays

solar atmosphere

solar atriums

solar auxiliary power units

solar azimuth

USE solar position
azimuth

solar backscatter UV spectrometer

solar blankets

Solar Cell Calibration Facility

solar cells

solar cells, silicon

USE solar cells

solar cells, vertical junction

USE vertical junction solar cells

solar cells, wraparound contact

USE solar cells

solar collectors

solar companion star

USE Nemesis (star)

solar compasses

solar constant

solar convection (astronomy)

solar converters

USE solar generators

solar cooling

solar corona

solar corpuscular radiation

solar cosmic rays

solar cycles

solar diameter

solar disk

USE sun

solar dynamic power systems

solar dynamics

USE helioseismology

solar eclipses

solar electric propulsion

solar electrons

solar energy

solar energy absorbers

solar energy conversion

solar energy conversion, satellite

USE satellite solar energy conversion

solar faculae

USE faculae

solar flares

solar flux

solar flux density

solar furnaces

solar generators

solar granulation

solar gravitation

solar heating

solar houses

solar instruments

solar interior

solar lasers

USE solar-pumped lasers

solar limb

solar longitude

solar magnetic field

solar maximum mission

solar maximum mission-A

solar mesosphere explorer

solar nebula

USE solar corona

solar neighborhood

solar neutrinos

solar neutrons

solar noise

USE solar radio emission

solar oblateness

solar observatories

Solar Observatory, Advanced Orbiting

USE AOSO

Solar Observatory, Orbiting

USE OSO

solar optical telescope

solar orbits

solar oscillations

solar parallax

solar physics

(solar physics), filaments

USE solar prominences

solar planetary interactions

solar plasma (radiation)

USE solar wind

Solar Polar Mission, International

USE Ulysses mission

solar ponds (heat storage)

solar position

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solar power generation

USE solar generators

solar power satellites

solar power sources

USE solar generators

solar power stations, satellite

USE satellite solar power stations

solar powered aircraft

solar probes

solar prominences

solar propulsion

solar protons

solar radar echoes

solar radiation

solar radiation shielding

solar radiation 1 satellite

solar radiation 3 satellite

solar radio bursts

solar radio emission

solar radio waves

USE solar radio emission

solar receivers

USE solar collectors

solar reflectors

solar rotation

solar sails

solar sea power plants

solar seismology

USE helioseismology

solar selective coatings

USE selective surfaces

solar sensors

solar simulation

solar simulators

solar spectra

solar spectrometers

solar storms

solar streams

USE solar corpuscular radiation

solar system

solar system evolution

Solar Telescope, Grazing Incidence

USE GRIST (telescope)

solar temperature

solar terrestrial interactions

solar thermal electric power plants

solar thermal propulsion

solar total energy systems

solar transition region

solar turboelectric generator, ASTEC
USE ASTEC solar turboelectric generator

solar velocity

solar wind

solar wind velocity

solar x-rays

solar-pumped lasers

soldered joints

soldering

soldering, sonic
USE ultrasonic soldering

soldering, ultrasonic
USE ultrasonic soldering

solders

solenoid valves

solenoids

solenoids, meteorological
USE meteorological solenoids

solettas

solid argon
USE solidified gases

solid cryogen cooling

solid cryogens

solid electrodes

solid electrolytes

solid interactions, fluid-
USE fluid-solid interactions

solid interactions, gas-
USE gas-solid interactions

solid interfaces, gas-
USE gas-solid interfaces

solid interfaces, liquid-
USE liquid-solid interfaces

solid interfaces, solid-
USE solid-solid interfaces

solid lubricants

solid mechanics

solid nitrogen

solid phases

solid propellant combustion

solid propellant ignition

solid propellant rocket engines

solid propellants

solid rocket binders

solid rocket boosters (Space Shuttle)
USE Space Shuttle boosters

solid rocket boosters (space shuttle)
USE Space Shuttle boosters

(solid rocket boosters), SRB
USE Space Shuttle boosters

Solid Rocket Motor (STS), Advanced
USE Advanced Solid Rocket Motor (STS)

solid rocket motors, Space Shuttle
USE Space Shuttle boosters

solid rocket propellants

solid rotation
USE rotating bodies

solid solutions

solid state

(solid state), carrier density
USE carrier density (solid state)

(solid state), carrier transport
USE carrier transport (solid state)

solid state devices

(solid state), energy gaps
USE energy gaps (solid state)

solid state lasers

solid state physics

(solid state), self diffusion
USE self diffusion (solid state)

solid surfaces

solid suspensions

solid upper stage, spinning
USE spinning solid upper stage

solid wastes

solid zones, liquid plus
USE mushy zones

solid-solid interfaces

solidification

solidification (crystals), directional
USE directional solidification (crystals)

solidification, rapid
USE solidification
rapid quenching (metallurgy)

solidified gases

solids

solids, band structure of
USE band structure of solids

solids flow

solids, organic
USE organic solids

solids, semi
USE semisolids

solidus

solons

solitary waves

solithanes

solitons
USE solitary waves

Solomon codes, Reed-
USE Reed-Solomon codes

Solomon computers

Solrad 10 satellite
USE Explorer 44 satellite

solstices

solubility

solutes

solution

solution, heat of
USE heat of solution

solution, iterative
USE iterative solution

solution, Pohlhausen
USE Pohlhausen method

solution, Reissner-Nordstrom
USE Reissner-Nordstrom solution

solutions

solutions, aqueous
USE aqueous solutions

solutions, solid
USE solid solutions

solvation

solvent extraction

solvent method, traveling
USE traveling solvent method

solvent refined coal

solvent retention

solvents

solvents, casting
USE plasticizers

solving, problem
USE problem solving

solvolysis

Somalia

Sommerfeld approximation

Sommerfeld equations, Orr-
USE Orr-Sommerfeld equations

Sommerfeld waves

sonar

sondes

sondes, endoradio
USE endoradiosondes

sondes, iono
USE ionosondes

sondes, radio
USE radiosondes

sondes, rawin
USE rawinsondes

sondes, rocket
USE sounding rockets

sonic anemometers

sonic booms

sonic fatigue
USE acoustic fatigue

sonic flow
USE transonic flow

sonic nozzles

sonic soldering
USE ultrasonic soldering

sonic speed
USE acoustic velocity

sonic waveguides

sonic waveguides

USE acoustic delay lines

sonobuoys

sonograms

sonoholography

USE acoustical holography

sonoluminescence

soot

sorbates

sorbents

sorbents, ad

USE adsorbents

Soret coefficient

sorghum

sorption

sorption, ad

USE adsorption

sorption, chemi

USE chemisorption

sorption, de

USE desorption

sortie can

USE sortie systems

sortie lab

USE sortie systems

sortie systems

sorting

USE classifying

SOS (semiconductors)

SOT

USE solar optical telescope

sound

USE acoustics

sound absorption

USE sound transmission

Sound (AK), Prince William

USE Prince William Sound (AK)

sound amplification

sound barrier

USE acoustic velocity

sound detecting and ranging

sound detectors

USE sound transducers

sound fields

sound fixing and ranging

sound frequencies

USE acoustic frequencies

sound generators

sound holography

USE acoustical holography

sound intensity

sound interactions, sound-

USE sound-sound interactions

sound localization

sound, McMurdo

USE McMurdo sound

sound measurement

USE acoustic measurement

(sound), noise

USE noise (sound)

sound perception

USE auditory perception

sound pressure

sound propagation

sound ranging

Sound (RI), Block Island

USE Block Island Sound (RI)

sound transducers

sound transmission

sound, underwater

USE underwater acoustics

sound velocity

USE acoustic velocity

sound waves

sound waves, plasma

USE plasma waves
magnetohydrodynamic waves

sound, zero

USE zero sound

sound-sound interactions

sounder, orbiting radio beacon ionospheric

USE ORBIS

sounder probe, Pioneer Venus 2

USE Pioneer Venus 2 sounder probe

sounders

USE sounding

sounding

sounding, acoustic

USE acoustic sounding

sounding, atmospheric

USE atmospheric sounding

sounding, balloon

USE balloon sounding

sounding, echo

USE echo sounding

sounding, ionospheric

USE ionospheric sounding

sounding, microwave

USE microwave sounding

sounding projectile, high altitude

USE WASP sounding rocket

sounding projectile, window atmosphere

USE WASP sounding rocket

sounding, rocket

USE rocket sounding

sounding rocket, Aries

USE Aries sounding rocket

sounding rocket, Black Brant 1

USE Black Brant 1 sounding rocket

sounding rocket, Black Brant 2

USE Black Brant 2 sounding rocket

sounding rocket, Black Brant 3

USE Black Brant 3 sounding rocket

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sounding rocket, Black Brant 4

USE Black Brant 4 sounding rocket

sounding rocket, Black Brant 5

USE Black Brant 5 sounding rocket

sounding rocket, EXOS

USE EXOS sounding rocket

sounding rocket, Petrel

USE Petrel sounding rocket

sounding rocket, Phoenix

USE Phoenix sounding rocket

sounding rocket, WASP

USE WASP sounding rocket

sounding rockets

sounding rockets, Black Brant

USE Black Brant sounding rockets

sounding, satellite

USE satellite sounding

sounds (topographic features)

source programs

sources

sources, aircraft power

USE aircraft engines

sources (astronomy), infrared

USE infrared sources (astronomy)

sources (astronomy), radio

USE radio sources (astronomy)

sources, atmospheric energy

USE atmospheric energy sources

sources, auxiliary power

USE auxiliary power sources

sources, coherent

USE coherent radiation
radiation sources

sources, electron

USE electron sources

sources, energy

USE energy sources

sources, extragalactic radio

USE extragalactic radio sources

sources, heat

USE heat sources

sources, hydraulic heating

USE heat sources
hydraulic equipment

sources, ion

USE ion sources

sources, light

USE light sources

sources, neutron

USE neutron sources

sources, nonpoint

USE nonpoint sources

sources, offshore energy

USE offshore energy sources

sources, plasma power

USE plasma power sources

sources, point

USE point sources

sources), QSO (radio

USE quasars

sources, quasi-stellar radio
USE quasars

sources, radiation
USE radiation sources

sources, solar power
USE solar generators

sources, X ray
USE X ray sources

South Africa
USE Republic of South Africa

South Africa, Republic of
USE Republic of South Africa

South America

(South America), Amazon region
USE Amazon region (South America)

(South America), Andes Mountains
USE Andes Mountains (South America)

South Carolina

South Dakota

South Korea

South Vietnam
USE Vietnam

South West Africa
USE Namibia

Southeast Asia

Southern California

Southern Hemisphere

Southern oscillation

Southern sky

Southern Yemen

sovereignty

Soviet satellites

Soviet spacecraft

Soviet Union
USE U.S.S.R.

soybeans

Soyuz spacecraft

Soyuz test project, Apollo
USE Apollo Soyuz test project

space

Space & Terrest. Applic Payloads, Office of
USE OSTA-3 payload
OSTA-1 payload
OSTA-2 payload

space adaptation syndrome

Space Agency, European
USE European Space Agency

space, air
USE airspace

Space Arrow satellite
USE Cosmos 149 satellite

space, Banach
USE Banach space

space based radar

space bases

space biology
USE exobiology

space buses
USE ferry spacecraft

space capsules

space, Cartan
USE Cartan space

space charge

space, cislunar
USE cislunar space

space colonies

space commercialization

space communication

space, construction in
USE orbital assembly

space cooling (buildings)

space debris

space, deep
USE deep space

space density

space detection and tracking system

space diversity
USE reception diversity

space), Earth observations (from
USE Earth observations (from space)

space electric rocket tests

space environment
USE aerospace environments

space environment simulation

space environmental lubrication
USE spacecraft lubrication

space erectable structures

space, Euclidean
USE Euclidean geometry

Space Exper with Particle Accelerators
USE SEPAC (payload)

space exploration

space, Faraday dark
USE Faraday dark space

space flight

space flight, extended duration
USE long duration space flight

space flight feeding

space flight, long duration
USE long duration space flight

space flight, manned
USE manned space flight

space flight network, manned
USE manned space flight network

space flight, planetary
USE interplanetary flight

space flight, return to Earth
USE return to Earth space flight

space flight stress

space flight tracking and data network

space flight training

space), food production (in
USE food production (in space)

space, function
USE function space

space glider, Dyna-Soar
USE X-20 aircraft

space gliders
USE lifting reentry vehicles

space glossaries

space guidance), SSGS (standardized
USE standardized space guidance

space guidance, standardized
USE standardized space guidance

space habitats

space), hazardous material disposal (in
USE hazardous material disposal (in space)

space heating (buildings)

space, Hilbert
USE Hilbert space

space, hyperbolic
USE hyperbolic coordinates

space industrialization

Space Infrared Telescope Facility

Space Instrumentation Facility, Deep
USE Deep Space Instrumentation Facility

space integral, phase-
USE phase-space integral

space, interplanetary
USE interplanetary space

space, interstellar
USE interstellar space

space laboratories

space law

space logistics

space maintenance

space manufacturing

space mechanics

space medicine
USE aerospace medicine

space, metric
USE metric space

space, Minkowski
USE Minkowski space

space missions

space navigation

Space Network, Deep
USE Deep Space Network

(space network), DSN
USE Deep Space Network

space observations (from Earth)

Space Observatory (ISO), Infrared
USE Infrared Space Observatory (ISO)

space operations center (NASA)

space orientation

space, Orlitz

space, Orlitz

USE Orlitz space

space payload, plasmas-in-

USE AMPS (satellite payload)

space perception

space photography

USE spaceborne photography

Space, Physics and Chemistry Experiment In

USE Physics and Chemistry Experiment in Space

space plasma H/V interaction experiments

USE sphinx

space plasmas

space platforms

space power reactors

space power unit reactors

space probe, Mariner R 2

USE Mariner R 2 space probe

space probe, Mariner 1

USE Mariner 1 space probe

space probe, Mariner 2

USE Mariner 2 space probe

space probe, Mariner 3

USE Mariner 3 space probe

space probe, Mariner 4

USE Mariner 4 space probe

space probe, Mariner 5

USE Mariner 5 space probe

space probe, Mariner 6

USE Mariner 6 space probe

space probe, Mariner 7

USE Mariner 7 space probe

space probe, Mariner 8

USE Mariner 8 space probe

space probe, Mariner 9

USE Mariner 9 space probe

space probe, Mariner 10

USE Mariner 10 space probe

space probe, Mariner 11

USE Mariner 11 space probe

space probe, Pioneer F

USE Pioneer 10 space probe

space probe, Pioneer G

USE Pioneer 11 space probe

space probe, Pioneer 1

USE Pioneer 1 space probe

space probe, Pioneer 2

USE Pioneer 2 space probe

space probe, Pioneer 3

USE Pioneer 3 space probe

space probe, Pioneer 4

USE Pioneer 4 space probe

space probe, Pioneer 5

USE Pioneer 5 space probe

space probe, Pioneer 6

USE Pioneer 6 space probe

space probe, Pioneer 7

USE Pioneer 7 space probe

space probe, Pioneer 8

USE Pioneer 8 space probe

space probe, Pioneer 9

USE Pioneer 9 space probe

space probe, Pioneer 10

USE Pioneer 10 space probe

space probe, Pioneer 11

USE Pioneer 11 space probe

space probe, Pioneer 12

USE Pioneer Venus spacecraft

space probe, Sunblazer

USE Sunblazer space probe

space probe, Zond 1

USE Zond 1 space probe

space probe, Zond 2

USE Zond 2 space probe

space probe, Zond 3

USE Zond 3 space probe

space probe, Zond 4

USE Zond 4 space probe

space probe, Zond 5

USE Zond 5 space probe

space probe, Zond 6

USE Zond 6 space probe

space probe, Zond 7

USE Zond 7 space probe

space probe, Zond 8

USE Zond 8 space probe

space probes

space probes, Mariner

USE Mariner space probes

space probes, Pioneer

USE Pioneer space probes

space probes, Zond

USE Zond space probes

space processing

Space Processing Applications Rocket

space program, Argentine

USE Argentine space program

space program, Australian

USE Australian space program

space program, Austrian

USE Austrian space program

space program, Belgian

USE Belgian space program

space program, Brazilian

USE Brazilian space program

space program, Canadian

USE Canadian space program

space program, Chinese

USE Chinese space program

space program, Czechoslovakian

USE Czechoslovakian space program

space program, Danish

USE Danish space program

space program, Finnish

USE Finnish space program

space program, French

USE French space program

space program, German

USE German space program

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space program, Greek

USE Greek space program

space program, Hungarian

USE Hungarian space program

space program, Icelandic

USE Icelandic space program

space program, Indian

USE Indian space program

space program, Indonesian

USE Indonesian space program

space program, Israeli

USE Israeli space program

space program, Italian

USE Italian space program

space program, Japanese

USE Japanese space program

space program, Luxembourg

USE Luxembourg space program

space program, Mexican

USE Mexican space program

space program, Netherlands

USE Netherlands space program

space program, New Zealand

USE New Zealand space program

space program, Norwegian

USE Norwegian space program

space program, Pakistan

USE Pakistan space program

space program, Portuguese

USE Portuguese space program

space program, Saudi Arabian

USE Saudi Arabian space program

space program, Spanish

USE Spanish space program

space program, Swedish

USE Swedish space program

space program, Swiss

USE Swiss space program

space program, Turkish

USE Turkish space program

space program, U.S.S.R.

USE U.S.S.R. space program

space program, UK

USE UK space program

space programs

space programs, European

USE European space programs

space programs, NASA

USE NASA space programs

space psychology

space radiation

USE extraterrestrial radiation

space radiators

USE spacecraft radiators

space rations

Space Research, Committee on

USE Committee on Space Research

Space Research Organization, European

USE European Space Agency

Space Research Organization, Indian
USE ISRO

Space Research Organization sat, European
USE ESA satellites

space, Riemann
USE Riemann manifold

space sciences
USE aerospace sciences

space self maneuvering units
USE self maneuvering units

Space Shuttle ascent stage

Space Shuttle boosters

space shuttle, Buran
USE Buran space shuttle

Space Shuttle main engine

Space Shuttle mission 31-A

Space Shuttle mission 31-B

Space Shuttle mission 31-C

Space Shuttle mission 31-D

Space Shuttle mission 41-A

Space Shuttle mission 41-B

Space Shuttle mission 41-C

Space Shuttle mission 41-D

Space Shuttle mission 41-G

Space Shuttle mission 51-A

Space Shuttle mission 51-B

Space Shuttle mission 51-C

Space Shuttle mission 51-D

Space Shuttle mission 51-E

Space Shuttle mission 51-F

Space Shuttle mission 51-G

Space Shuttle mission 51-H

Space Shuttle mission 51-I

Space Shuttle mission 51-J

Space Shuttle mission 51-L

Space Shuttle mission 61-A

Space Shuttle mission 61-B

Space Shuttle mission 61-C

Space Shuttle mission 61-E

Space Shuttle missions

(Space Shuttle), Orbit Maneuvering Engine
USE Orbit Maneuvering Engine (Space Shuttle)

space shuttle orbital flight test 1
USE Space Transportation System 1 flight

space shuttle orbital flight test 2
USE Space Transportation System 2 flight

space shuttle orbital flight test 3
USE Space Transportation System 3 flight

space shuttle orbital flight test 4
USE Space Transportation System 4 flight

space shuttle orbital flight tests
USE Space Transportation System flights

Space Shuttle Orbital Flight 7
USE Space Shuttle mission 31-C

Space Shuttle Orbital Flight 8
USE Space Shuttle mission 31-D

Space Shuttle Orbital Flight 9
USE Space Shuttle mission 41-A

Space Shuttle orbital flights
USE Space Transportation System flights

Space Shuttle Orbiter 099
USE Challenger (Orbiter)

Space Shuttle Orbiter 101
USE Enterprise (Orbiter)

Space Shuttle Orbiter 102
USE Columbia (Orbiter)

Space Shuttle Orbiter 103
USE Discovery (Orbiter)

Space Shuttle Orbiter 104
USE Atlantis (orbiter)

Space Shuttle orbiters

Space Shuttle payloads

(space shuttle), solid rocket boosters
USE Space Shuttle boosters

(Space Shuttle), solid rocket boosters
USE Space Shuttle boosters

Space Shuttle solid rocket motors
USE Space Shuttle boosters

Space Shuttle upper stage A

Space Shuttle upper stage D

Space Shuttle upper stages

Space Shuttles

space simulators

space, Sobolev
USE Sobolev space

space station, Columbus
USE Columbus space station

Space Station Freedom

Space Station, Freedom
USE Space Station Freedom

space station, Halo Orbit
USE Halo Orbit space station

space station, Mir
USE Mir space station

(space station), MTFF
USE man tended free flyers

space station payloads

space station polar platforms

space station power supplies

space station propulsion

space station, Salyut
USE Salyut space station

space station structures

space station (unmanned), SKYLAB
USE SKYLAB 1

space stations

space stations, Earth orbiting
USE space stations

space stations, manned orbital
USE space stations

(space stations), MOSS
USE space stations

(space stations), polar platforms
USE space station polar platforms

space stations, self deploying
USE space stations
self erecting devices

space storage

space structures, large
USE large space structures

space suits

space surveillance

space surveillance (ground based)

space surveillance (spaceborne)

Space System, Bioastronautical Orbital
USE Bioastronautical Orbital Space System

space systems engineering
USE aerospace engineering

space technology experiments

Space Telescope, Hubble
USE Hubble Space Telescope

Space Telescope, Large
USE Hubble Space Telescope

space temperature

space tests, orbital
USE orbital space tests

space tools

space, translunar
USE interplanetary space

space transportation

space transportation system

Space Transportation System flights

Space Transportation System 1 flight

Space Transportation System 2 flight

Space Transportation System 3 flight

Space Transportation System 4 flight

space treaty, outer
USE outer space treaty

space tugs

space, U spin
USE U spin space

space vehicle checkout program

space vehicle control
USE spacecraft control

space vehicles
USE spacecraft

space weapons

Space Year, International
USE International Space Year

space-time continuum
USE relativity

space-time functions

space-time functions

space-time metric
USE space-time functions

spaceborne astronomy

spaceborne experiments

spaceborne lasers

spaceborne photography

(spaceborne), space surveillance
USE space surveillance (spaceborne)

spaceborne telescopes

spacecraft

Spacecraft, Advanced Recon Electric
USE Advanced Recon Electric Spacecraft

spacecraft antennas

spacecraft, Apollo
USE Apollo spacecraft

(spacecraft), ARES
USE Advanced Recon Electric Spacecraft

spacecraft breakup

(spacecraft), breakup
USE spacecraft breakup

spacecraft cabin atmospheres

spacecraft cabin simulators

spacecraft cabins

spacecraft, Canadian
USE Canadian spacecraft

(spacecraft), capsules
USE space capsules

spacecraft, cargo
USE cargo spacecraft

spacecraft charging

Spacecraft Charging at High Altitude
USE SCATHA satellite

spacecraft, Chinese
USE Chinese spacecraft

spacecraft clocks, autonomous
USE autonomous spacecraft clocks

spacecraft, commercial
USE commercial spacecraft

spacecraft communication

spacecraft components

spacecraft computers
USE airborne/spaceborne computers

spacecraft configurations

spacecraft construction materials

(spacecraft), consumables
USE consumables (spacecraft)

spacecraft contamination

spacecraft control

spacecraft, Copernicus
USE OAO 3

spacecraft, Czechoslovakian
USE Czechoslovakian spacecraft

spacecraft defense

spacecraft design

spacecraft docking

spacecraft docking modules

spacecraft, dual spin
USE dual spin spacecraft

spacecraft electronic equipment

spacecraft environments

spacecraft equipment

spacecraft, ESA
USE ESA spacecraft

spacecraft, European 1
USE European 1 spacecraft

(spacecraft), expendable stages
USE expendable stages (spacecraft)

spacecraft, ferry
USE ferry spacecraft

spacecraft, flexible
USE flexible spacecraft

spacecraft, Galileo
USE Galileo spacecraft

spacecraft, Gemini
USE Gemini spacecraft

spacecraft, Gemini B
USE Gemini B spacecraft

spacecraft, Gemini (GT-1)
USE Gemini (GT-1) spacecraft

spacecraft, Gemini 2
USE Gemini 2 spacecraft

spacecraft glow

spacecraft guidance

(spacecraft), housekeeping
USE housekeeping (spacecraft)

spacecraft, Indian
USE Indian spacecraft

spacecraft, inflatable
USE inflatable spacecraft

spacecraft instruments

(spacecraft), Interim stages
USE interim stages (spacecraft)

spacecraft, interplanetary
USE interplanetary spacecraft

spacecraft, interstellar
USE interstellar spacecraft

spacecraft, IRS (Indian)
USE Indian spacecraft

spacecraft, Israeli
USE Israeli spacecraft

spacecraft, Janus
USE Janus spacecraft

spacecraft, Japanese
USE Japanese spacecraft

spacecraft landing

spacecraft landing, horizontal
USE horizontal spacecraft landing

spacecraft launching

spacecraft lubrication

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spacecraft, lunar
USE lunar spacecraft

spacecraft maintenance

spacecraft, maneuverable
USE maneuverable spacecraft

spacecraft maneuvers

spacecraft, manned
USE manned spacecraft

spacecraft, Mariner
USE Mariner spacecraft

spacecraft, Mariner C
USE Mariner C spacecraft

Spacecraft, Mariner Mark 2
USE Mariner Mark 2 Spacecraft

spacecraft, Mariner Venus 67
USE Mariner Venus 67 spacecraft

spacecraft, Mark 1
USE Mark 1 spacecraft

Spacecraft, MARS (Manned Reusable)
USE MARS (Manned Reusable Spacecraft)

spacecraft, Mars 1
USE Mars 1 spacecraft

spacecraft, Mars 2
USE Mars 2 spacecraft

spacecraft, Mars 3
USE Mars 3 spacecraft

Spacecraft, Mars 4
USE Mars 4 Spacecraft

spacecraft, Mars 5
USE Mars 5 spacecraft

spacecraft, Mars 6
USE Mars 6 spacecraft

spacecraft, Mars 7
USE Mars 7 spacecraft

spacecraft, Mercury
USE Mercury spacecraft

spacecraft, military
USE military spacecraft

spacecraft models

spacecraft modules

spacecraft, MOS (Japanese)
USE Japanese spacecraft

spacecraft motion

spacecraft, multimission modular
USE multimission modular spacecraft

spacecraft (NASA), Magellan
USE Magellan spacecraft (NASA)

spacecraft orbital assembly
USE orbital assembly

spacecraft orbits

spacecraft, outer planet
USE outer planets explorers

(spacecraft passageway), Ingress
USE ingress (spacecraft passageway)

spacecraft performance

spacecraft, photo reconnaissance
USE photo reconnaissance spacecraft

spacecraft, Pioneer Saturn
USE Pioneer 11 space probe

spacecraft, Pioneer Venus
USE Pioneer Venus spacecraft

spacecraft, Pioneer Venus 1
USE Pioneer Venus 1 spacecraft

spacecraft, Pioneer Venus 2
USE Pioneer Venus 2 spacecraft

spacecraft, Pioneer Venus 2 Multiprobe
USE Pioneer Venus 2 spacecraft

spacecraft, planetary
USE interplanetary spacecraft

spacecraft position indicators

(spacecraft), postmission analysis
USE postmission analysis (spacecraft)

spacecraft, power limited
USE power limited spacecraft

spacecraft power supplies

spacecraft prelaunch tests
USE space vehicle checkout program

spacecraft propulsion

spacecraft, Radiation Meteoroid
USE Radiation Meteoroid spacecraft

spacecraft radiators

spacecraft, reconnaissance
USE reconnaissance spacecraft

spacecraft, recoverable
USE recoverable spacecraft

spacecraft recovery

spacecraft reentry

spacecraft reliability

spacecraft, rendezvous
USE rendezvous spacecraft

spacecraft rendezvous
USE space rendezvous

spacecraft, reusable
USE reusable spacecraft

spacecraft sensors
USE spacecraft instruments

spacecraft, SEO (Indian)
USE Indian spacecraft

spacecraft, SERT 1
USE SERT 1 spacecraft

spacecraft, SERT 2
USE SERT 2 spacecraft

spacecraft shielding

spacecraft, soft landing
USE soft landing spacecraft

spacecraft, Soviet
USE Soviet spacecraft

spacecraft, Soyuz
USE Soyuz spacecraft

spacecraft stability

spacecraft, starprobe
USE starprobe spacecraft

spacecraft sterilization

spacecraft structures

spacecraft survivability

spacecraft, technology feasibility
USE technology feasibility spacecraft

spacecraft television

spacecraft television, digital
USE digital spacecraft television

spacecraft temperature

spacecraft, thermoelectric
USE TOPS (spacecraft)

spacecraft, thermoelectric outer planet
USE TOPS (spacecraft)

(spacecraft), TOPS
USE TOPS (spacecraft)

spacecraft tracking

Spacecraft Tracking and Data Network
USE STDN (network)

spacecraft trajectories

(spacecraft), uncontrolled reentry
USE uncontrolled reentry (spacecraft)

spacecraft, unmanned
USE unmanned spacecraft

(spacecraft), Venus orbiting imaging radar
USE Venus orbiting imaging radar (spacecraft)

spacecraft, Viking
USE Viking spacecraft

spacecraft, Viking lander
USE Viking lander spacecraft

spacecraft, Viking orbiter
USE Viking orbiter spacecraft

spacecraft, Viking 1
USE Viking 1 spacecraft

spacecraft, Viking 2
USE Viking 2 spacecraft

spacecraft, voskhod manned
USE voskhod manned spacecraft

spacecraft, Voskhod 1
USE Voskhod 1 spacecraft

spacecraft, Voskhod 2
USE Voskhod 2 spacecraft

spacecraft, Vostok
USE Vostok spacecraft

spacecraft, Vostok 1
USE Vostok 1 spacecraft

spacecraft, Vostok 2
USE Vostok 2 spacecraft

spacecraft, Vostok 3
USE Vostok 3 spacecraft

spacecraft, Vostok 4
USE Vostok 4 spacecraft

spacecraft, Vostok 5
USE Vostok 5 spacecraft

spacecraft, Vostok 6
USE Vostok 6 spacecraft

spacecraft, Voyager 1
USE Voyager 1 spacecraft

spacecraft, Voyager 2
USE Voyager 2 spacecraft

(spacecrew supplies), consumables
USE consumables (spacecrew supplies)

spacecrew transfer

spacecrew transfer, intervehicle
USE spacecrew transfer

spacecrews

Spacelab

(Spacelab), ACPL
USE Atmospheric Cloud Physics Lab (Spacelab)

(Spacelab), Atmospheric Cloud Physics Lab
USE Atmospheric Cloud Physics Lab (Spacelab)

Spacelab, Large Infrared Telescope on
USE LIRTS (telescope)

(Spacelab payload), EXPOS
USE EXPOS (Spacelab payload)

Spacelab payloads

Spacelab simulation flights
USE Assess program

Spacelab UV-Optical Telescope Facility
USE Starlab

(Spacelab), zero-g ACPL
USE Atmospheric Cloud Physics Lab (Spacelab)

spaceplane, Hermes manned
USE Hermes manned spaceplane

spacers

(spacers), washers
USE washers (spacers)

spaces, half
USE half spaces

spaces, hyper
USE hyperspaces

spaces, vector
USE vector spaces

Spaceship, Manned Aerodynamic Reusable
USE MARS (Manned Reusable Spacecraft)

spaceteninas

spacing

spacing, aircraft approach
USE aircraft approach spacing

SPADATS (tracking system)
USE space detection and tracking system

Spain

spallation

spalling

span

span, life
USE life span

span, wing
USE wing span

span wings, infinite
USE infinite span wings

Spanish Sahara

Spanish space program

spanloader aircraft

spanwise blowing

SPAR (rocket)
USE Space Processing Applications Rocket

spare parts

spark chambers

spark discharges

spark discharges
USE electric sparks

spark gaps

spark ignition

spark machining

spark plugs

spark shadowgraph photography
USE shadowgraph photography

sparks

sparks, electric
USE electric sparks

Sparrow missiles

Sparrow 2 missile

Sparrow 3 missile

Spartan missile

Spartan satellites

SPAS (ESA platforms)
USE Shuttle pallet satellites

spasms

spatial dependencies

spatial distribution

spatial filtering

spatial isotropy
USE spatial distribution
isotropy

spatial marching

spatial orientation
USE attitude (inclination)

spatial resolution

speaking, public
USE public speaking

Specials (STS), Get Away
USE Get Away Specials (STS)

species diffusion

species, endangered
USE endangered species

specific gravity
USE density (mass/volume)

specific heat

specific impulse

specific integrated circuits, application
USE application specific integrated circuits

specifications

specifications, aircraft
USE aircraft specifications

specifications, equipment
USE equipment specifications

specifications, functional design
USE functional design specifications

specimen geometry

specimens

speckle holography

speckle interferometry

speckle patterns

spectra

spectra, absorption
USE absorption spectra

spectra, atomic
USE atomic spectra

spectra, continuous
USE continuous spectra

spectra, electromagnetic
USE electromagnetic spectra

spectra, electronic
USE electronic spectra

spectra, emission
USE emission spectra

spectra, energy
USE energy spectra

spectra, gamma ray
USE gamma ray spectra

(spectra), gratings
USE gratings (spectra)

spectra, infrared
USE infrared spectra

spectra, interstellar microwave
USE interstellar radiation
microwave spectra

spectra, line
USE line spectra

spectra, Lyman
USE Lyman spectra

spectra, mass
USE mass spectra

spectra, microwave
USE microwave spectra

spectra, molecular
USE molecular spectra

spectra, neutron
USE neutron spectra

spectra, noise
USE noise spectra

spectra, oxygen
USE oxygen spectra

spectra, plasma
USE plasma spectra

spectra, power
USE power spectra

spectra, radiation
USE radiation spectra

spectra, radio
USE radio spectra

spectra, Raman
USE Raman spectra

spectra, rotational
USE rotational spectra

spectra, shock
USE shock spectra

spectra, solar
USE solar spectra

spectra, stellar
USE stellar spectra

spectra, UVB
USE UVB spectra

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spectra, ultraviolet
USE ultraviolet spectra

spectra, vibrational
USE vibrational spectra

spectra, X ray
USE X ray spectra

spectra 70 computer, RCA
USE RCA spectra 70 computer

spectral absorption
USE absorption spectra

spectral analysis
USE spectrum analysis

spectral bands

spectral correlation

spectral emission

spectral energy distribution

spectral line width

spectral lines
USE line spectra

spectral methods

spectral noise
USE white noise

spectral reconnaissance

spectral reflectance

spectral resolution

spectral sensitivity

spectral shift control

spectral shift control reactor

spectral signatures

spectral theory

spectrograms

spectrographs

spectrographs, high dispersion
USE high dispersion spectrographs

spectrographs, ultraviolet
USE ultraviolet spectrometers

spectrography, X ray
USE X ray spectroscopy

spectroheliographs

spectrohelioscopes
USE spectroheliographs

spectrometer, solar backscatter UV
USE solar backscatter UV spectrometer

Spectrometer, Total Ozone Mapping
USE Total Ozone Mapping Spectrometer

spectrometers

spectrometers, Ebert
USE Ebert spectrometers

spectrometers, Fabry-Perot
USE Fabry-Perot spectrometers

spectrometers, filter wheel infrared
USE filter wheel infrared spectrometers

spectrometers, gamma ray
USE gamma ray spectrometers

spectrometers, imaging
USE imaging spectrometers

spectrometers, infrared
USE infrared spectrometers

spectrometers, ion
USE mass spectrometers

spectrometers, laser
USE laser spectrometers

spectrometers, mass
USE mass spectrometers

spectrometers, microwave
USE microwave spectrometers

spectrometers, neutron
USE neutron spectrometers

spectrometers, retarding ion mass
USE mass spectrometers

spectrometers, solar
USE solar spectrometers

spectrometers, time of flight
USE time of flight spectrometers

spectrometers, triple axis
USE neutron spectrometers

spectrometers, ultraviolet
USE ultraviolet spectrometers

spectrometry
USE spectroscopy

spectrometry, mass
USE mass spectroscopy

spectrometry, secondary ion mass
USE secondary ion mass spectrometry

(spectrometry), SIMS
USE secondary ion mass spectrometry

spectrometry, X ray
USE X ray spectroscopy

spectrophotography

spectrophotometers

spectrophotometers, infrared
USE infrared spectrophotometers

spectrophotometers, ultraviolet
USE ultraviolet spectrophotometers

spectrophotometry

spectrophotometry, stellar
USE stellar spectrophotometry

spectrophotovoltaics

spectropolarimeters
USE polarimeters

Spectropolarimetry Payload, X Ray
USE EXPOS (Spacelab payload)

spectroradiometers

spectroscopes
USE spectrometers

spectroscopic analysis

Spectroscopic Explorer, Far UV
USE Far UV Spectroscopic Explorer

spectroscopic telescopes

spectroscopy

spectroscopy, absorption
USE absorption spectroscopy

spectroscopy, astronomical
USE astronomical spectroscopy

spectroscopy, Auger
USE Auger spectroscopy

spectroscopy, auroral
USE auroral spectroscopy

spectroscopy, coherent anti-Stokes Raman
USE Raman spectroscopy

spectroscopy, electron
USE electron spectroscopy

spectroscopy, flame
USE flame spectroscopy

spectroscopy, gas
USE gas spectroscopy

spectroscopy, holographic
USE holographic spectroscopy

spectroscopy, infrared
USE infrared spectroscopy

spectroscopy, laser
USE laser spectroscopy

spectroscopy, magnetic
USE magnetic spectroscopy

spectroscopy, mass
USE mass spectroscopy

spectroscopy, molecular
USE molecular spectroscopy

spectroscopy, nuclear radiation
USE nuclear radiation spectroscopy

spectroscopy, optical emission
USE optical emission spectroscopy

spectroscopy, optogalvanic
USE optogalvanic spectroscopy

spectroscopy, photoacoustic
USE photoacoustic spectroscopy

spectroscopy, photoelectron
USE photoelectron spectroscopy

spectroscopy, radio
USE radio spectroscopy

spectroscopy, Raman
USE Raman spectroscopy

spectroscopy, ultrasonic
USE ultrasonic spectroscopy

spectroscopy, ultraviolet
USE ultraviolet spectroscopy

spectroscopy, vacuum
USE vacuum spectroscopy

spectroscopy, X ray
USE X ray spectroscopy

spectrum analysis

spectrum, optical
USE spectra
light (visible radiation)

spectrum transmission, spread
USE spread spectrum transmission

spectrum utilization, orbit
USE orbit spectrum utilization

spectrum, visible
USE visible spectrum

specular reflection

speech

(speech), articulation
USE articulation (speech)

speech baseband compression

(speech), consonants
USE consonants (speech)

speech defects

speech discrimination
USE speech recognition

speech recognition

speeches
USE lectures

speed
USE velocity

speed, air
USE airspeed

speed cameras, high
USE high speed cameras

speed (communications), transmission
USE transmission rate (communications)

speed control

speed, critical
USE critical velocity

speed flight, high
USE high speed
flight

speed, ground
USE ground speed

speed, high
USE high speed

speed, hypersonic
USE hypersonic speed

speed indicators

speed integrated circuits, very high
USE VHSIC (circuits)

speed, landing
USE landing speed

speed, light
USE light speed

speed, low
USE low speed

speed photography, high
USE high speed photography

speed propellers, constant
USE variable pitch propellers

speed regulation
USE speed control

speed regulators

speed, rotor
USE rotor speed

speed, sonic
USE acoustic velocity

speed stability, low
USE low speed stability

speed, subsonic
USE subsonic speed

speed, supersonic
USE supersonic speed

speed, tip
USE tip speed

speed, transonic

speed, transonic
USE transonic speed

speed transportation, high
USE rapid transit systems

speed wind tunnels, low
USE low speed wind tunnels

speedometers
USE speed indicators

spent fuels

spermatoocytes
USE gametocytes

spermatogenesis

spermatozoa

Spert reactors

sphalerite
USE zincblende

sphere, bio
USE biosphere

sphere, celestial
USE celestial sphere

sphere, chemo
USE chemosphere

sphere, chromo
USE chromosphere

sphere, exo
USE exosphere

sphere, helio
USE heliosphere

sphere, hetero
USE heterosphere

sphere, homo
USE homosphere

sphere, litho
USE lithosphere

sphere, meso
USE mesosphere

sphere, ozono
USE ozonosphere

sphere, photo
USE photosphere

sphere, Riemann
USE Riemann manifold

sphere, strato
USE stratosphere

sphere, thermo
USE thermosphere

sphere, tropo
USE troposphere

spheres

spheres, concentric
USE concentric spheres

spheres, falling
USE falling spheres

spheres, hemi
USE hemispheres

spheres, hyper
USE hyperspheres

spheres, plani
USE planispheres

spheres, Poincare
USE Poincare spheres

spheres, rotating
USE rotating spheres

spherical antennas

spherical caps

spherical coordinates

spherical harmonics

spherical plasmas

spherical shells

spherical tanks

spherical waves

spheroids

spheroids, oblate
USE oblate spheroids

spheroids, prolate
USE prolate spheroids

Spheromaks

spherules

spherulites

sphinx

sphygmography

spicules

spiders

spike antennas
USE monopole antennas

spike nozzles

spike potentials

spikes

spikes (aerodynamic configurations)

spiking

spilling

spin

spin, aircraft
USE aircraft spin

(spin alignment), polarization
USE polarization (spin alignment)

spin coupling, spin-
USE spin-spin coupling

spin decoupling

spin dynamics

spin, electron
USE electron spin

spin exchange

spin forging
USE metal spinning

spin glass

spin, isotopic
USE isotopic spin

spin, nuclear
USE nuclear spin

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spin, particle
USE particle spin

spin reduction

spin resonance

spin resonance, electron
USE electron paramagnetic resonance

spin rotation, muon
USE muon spin rotation

spin scan radiometer, visible infrared
USE visible infrared spin scan radiometer

spin space, U
USE U spin space

spin spacecraft, dual
USE dual spin spacecraft

spin stabilization

spin temperature

spin tests

spin waves
USE magnons

spin-lattice relaxation

spin-orbit interactions

spin-spin coupling

spinach

spinal cord

spindles

spine

spinel

spinners

spinning, melt
USE melt spinning

spinning, metal
USE metal spinning

spinning (metallurgy)
USE metal spinning

spinning solid upper stage

spinning unguided rocket trajectory

spinning, wet
USE wet spinning

spinor groups

spiral antennas

spiral antennas, log
USE log spiral antennas

spiral galaxies

spiral wrapping

spirals

spirals (concentrators)

spirometers

Spitsbergen (Norway)

splashing

spleen

splicing

- spline functions**
- splines**
- splints**
- split flaps**
- splits (geology)**
 - USE geological faults
- splitters, beam**
 - USE beam splitters
- splitting**
- splitting, crystal field**
 - USE crystal field theory
- splitting, flux vector**
 - USE flux vector splitting
- splitting, water**
 - USE water splitting
- spodumene**
- spoiler slot ailerons**
- spoilers**
- spokes**
- sponges (materials)**
- spontaneous combustion**
- spontaneous emission**
- spools**
- sporadic E layer**
- sporadic meteoroids**
- spores**
- spores, micro**
 - USE microspores
- sports medicine**
- SPOT (French satellite)**
- spot, Jupiter red**
 - USE Jupiter red spot
- spot scanners, flying**
 - USE flying spot scanners
- spot welds**
- spots, star**
 - USE starspots
- spots, sun**
 - USE sunspots
- spray characteristics**
- spray condensers**
- spray ingestion**
- spray nozzles**
- spray tests, salt**
 - USE salt spray tests
- sprayed coatings**
- sprayed protective coatings**
 - USE sprayed coatings
 - protective coatings
- sprayers**
- spraying**
- spraying apparatus**
 - USE sprayers
- spraying, arc**
 - USE arc spraying
- spraying, flame**
 - USE flame spraying
- spraying, metal**
 - USE metal spraying
- spraying, plasma**
 - USE plasma spraying
- spraying, plasma arc**
 - USE arc spraying
- sprays**
 - USE sprayers
- sprays, fuel**
 - USE fuel sprays
- sprays, propellant**
 - USE propellant sprays
- spread F**
- spread functions, point**
 - USE point spread functions
- spread reflection**
- spread spectrum transmission**
- spreading**
- spreading, ocean floor**
 - USE sea floor spreading
- spreading, sea floor**
 - USE sea floor spreading
- spring (season)**
- springs (elastic)**
- springs (water)**
- sprinkling**
- Sprint missile**
- Spur (astronomy), North Polar**
 - USE North Polar Spur (astronomy)
- SPUR (reactors)**
 - USE space power unit reactors
- SPURT (trajectories)**
 - USE spinning unguided rocket trajectory
- Sputnik satellites**
- Sputnik 1 satellite**
- Sputnik 2 satellite**
- Sputnik 3 satellite**
- Sputnik 4 satellite**
- Sputnik 5 satellite**
- sputtering**
- sputtering gages**
- sputtering, magnetron**
 - USE magnetron sputtering
- squalls**
- squama**
- square errors, root-mean-**
 - USE root-mean-square errors
- square method, Latin**
 - USE Latin square method
- square values, mean**
 - USE mean square values
- square waves**
- square wells**
- squares (mathematics)**
- squares method, least**
 - USE least squares method
- squeeze casting**
- squeeze films**
- squeezed states (quantum theory)**
- squeezing**
 - USE compressing
- squelch circuits**
- squib, XM-6**
 - USE squibs
- squib, XM-8**
 - USE squibs
- squibs**
- squid (detectors)**
- SQUID project**
- squirrels**
- squirrels, ground**
 - USE ground squirrels
- Sr**
 - USE strontium
- SR (reactors)**
 - USE saturable reactors
- Sr-Ca-Cu-O superconductors, Bi-**
 - USE BSCCO superconductors
- SR-N2 ground effect machine**
 - USE Westland ground effect machines
- SR-N2 ground effect machine, Westland**
 - USE Westland ground effect machines
- SR-N2 hovercraft, Westland**
 - USE Westland ground effect machines
- SR-N3 ground effect machine**
 - USE Westland ground effect machines
- SR-N3 ground effect machine, Westland**
 - USE Westland ground effect machines
- SR-N3 hovercraft, Westland**
 - USE Westland ground effect machines
- SR-N5 ground effect machine**
 - USE Westland ground effect machines
- SR-N5 ground effect machine, Westland**
 - USE Westland ground effect machines
- SR-71 aircraft**
- SRB (solid rocket boosters)**
 - USE Space Shuttle boosters
- SRE reactor**
 - USE sodium reactor experiment
- SRET satellites**
- SRET 1 satellite**
- SRET 2 satellite**
- Sri Lanka**
- SS-11 missile**

SSGS (standardized space guidance)

SSGS (standardized space guidance)
USE standardized space guidance

SSUS-A
USE Space Shuttle upper stage A

SSUS-D
USE Space Shuttle upper stage D

St Lawrence Valley (North America)

St Louis-Kansas City Corridor (MO)

St Venant flexure problem
USE Saint Venant principle

stability

stability, acoustic
USE frequency stability

stability, aerodynamic
USE aerodynamic stability

stability, aircraft
USE aircraft stability

stability, attitude
USE attitude stability

stability augmentation

stability, boundary layer
USE boundary layer stability

stability, combustion
USE combustion stability

stability, control
USE control stability

stability, controlled
USE control

stability derivatives

stability, dimensional
USE dimensional stability

stability, directional
USE directional stability

stability, dynamic
USE dynamic stability

stability, elastic
USE damping

stability, flame
USE flame stability

stability, flow
USE flow stability

stability, flying platform
USE flying platforms
aerodynamic stability

stability, frequency
USE frequency stability

stability, gyroscopic
USE gyroscopic stability

stability, hovering
USE hovering stability

stability, hydrodynamic
USE flow stability

stability, hydromagnetic
USE magnetohydrodynamic stability

stability, interface
USE interface stability

stability, laser
USE laser stability

stability, lateral
USE lateral stability

stability, longitudinal
USE longitudinal stability

stability, low speed
USE low speed stability

stability, magnetohydrodynamic
USE magnetohydrodynamic stability

stability (materials), phase
USE phase stability (materials)

stability, motion
USE motion stability

stability, numerical
USE numerical stability

stability, plasma
USE magnetohydrodynamic stability

stability, pulling (frequency)
USE frequency pulling

stability, rotary
USE rotary stability

stability, shell
USE shell stability

stability, spacecraft
USE spacecraft stability

stability, static
USE static stability

stability, storage
USE storage stability

stability, structural
USE structural stability

stability, surface
USE surface stability

stability, systems
USE systems stability

stability tests

stability tests, flight
USE flight stability tests

stability tests, wind tunnel
USE wind tunnel stability tests

stability, thermal
USE thermal stability

stabilization

stabilization, de
USE destabilization

stabilization, missile
USE stabilization
missile control

stabilization, signal
USE signal stabilization

stabilization, spin
USE spin stabilization

stabilization, three axis
USE three axis stabilization

stabilized platforms

stabilizers

stabilizers (agents)

stabilizers, current
USE current regulators

stabilizers (fluid dynamics)

stabilizers, gyro
USE gyro stabilizers

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stabilizers, horizontal
USE stabilizers (fluid dynamics)

stabilizers, vertical
USE stabilizers (fluid dynamics)

stable oscillations

stack, Apollo short
USE Apollo short stack

stacking fault energy

stacking faults
USE crystal defects

stacks

STADAN (satellite tracking network)
USE STDN (network)

stadimeters

stage A, Space Shuttle upper
USE Space Shuttle upper stage A

stage D, Space Shuttle upper
USE Space Shuttle upper stage D

stage, inertial upper
USE inertial upper stage

stage, lunar module ascent
USE lunar module ascent stage

stage plasma engines, two
USE two stage plasma engines

stage rocket engines, upper
USE upper stage rocket engines

stage rocket vehicles, single
USE single stage rocket vehicles

stage, Saturn S-1
USE Saturn S-1 stage

stage, Saturn S-1B
USE Saturn S-1B stage

stage, Saturn S-1C
USE Saturn S-1C stage

stage, Saturn S-2
USE Saturn S-2 stage

stage, Saturn S-4
USE Saturn S-4 stage

stage, Saturn S-4B
USE Saturn S-4B stage

stage separation

stage, Space Shuttle ascent
USE Space Shuttle ascent stage

stage, spinning solid upper
USE spinning solid upper stage

stage (STS), interim upper
USE inertial upper stage

stage to orbit vehicles, single
USE single stage to orbit vehicles

stage turbines, two
USE two stage turbines

stages, Saturn
USE Saturn stages

stages, Space Shuttle upper
USE Space Shuttle upper stages

stages (spacecraft), expendable
USE expendable stages (spacecraft)

stages (spacecraft), interim
USE interim stages (spacecraft)

staggering**staging (rockets)**

USE stage separation

stagnation flow**stagnation point****stagnation pressure****stagnation region**

USE stagnation point

stagnation temperature**staining****stainless steels****stainless steels, austenitic**

USE austenitic stainless steels

stainless steels, ferritic

USE ferritic stainless steels

stainless steels, martensitic

USE martensitic stainless steels

staircases

USE stairways

stairsteps**stairways****stalling****stalling, aerodynamic**

USE aerodynamic stalling

stalls, rotating

USE rotating stalls

stamping**standard atmospheres**

USE reference atmospheres

standard deviation**standard launch vehicle 3**

USE Atlas SLV-3 launch vehicle

standard launch vehicle 5**standard launch vehicles****standardization****standardized space guidance****(standardized space guidance), SSGS**

USE standardized space guidance

standards**standards, frequency**

USE frequency standards

(standards), references

USE standards

standing wave ratios**standing waves****(standing waves), modes**

USE modes (standing waves)

(standing waves), nodes

USE nodes (standing waves)

stands

USE supports

stands, test

USE test stands

stannates**stannides****stannides, niobium**

USE niobium stannides

Stanton number**staphylococcus****Star aircraft, Jet**

USE C-140 aircraft

Star aircraft, Shooting

USE T-33 aircraft

Star aircraft, Warning

USE EC-121 aircraft

star catalogs

USE astronomical catalogs

star cluster, Virgo

USE Virgo galactic cluster

star clusters**star clusters, Praesepe**

USE Praesepe star clusters

star distribution**star fields**

USE star distribution

star formation**star formation rate****star, Mira Ceti**

USE Omicron Ceti star

(star), Nemesis

USE Nemesis (star)

star, Omicron Ceti

USE Omicron Ceti star

Star rocket vehicle, Hyla-

USE Hyla-Star rocket vehicle

star, solar companion

USE Nemesis (star)

star tracker, CCD

USE CCD star tracker

(star tracker), stellar

USE CCD star tracker

star trackers**star tracking**

USE star trackers

star, Van Biesbroeck

USE Van Biesbroeck star

star, Zeta Aurigae

USE Zeta Aurigae star

Star 100 computer, CDC

USE CDC Star 100 computer

starburst galaxies**starches****Starfighter aircraft**

USE F-104 aircraft

Stark effect**Starlab****Starlifter aircraft**

USE C-141 aircraft

Starprobe mission**starprobe spacecraft****starquakes****stars****stars, A**

USE A stars

stars, AGB

USE asymptotic giant branch stars

stars, asymptotic giant branch

USE asymptotic giant branch stars

stars, B

USE B stars

stars, binary

USE binary stars

stars, blue

USE blue stars

stars, brown dwarf

USE brown dwarf stars

stars, C

USE carbon stars

stars, carbon

USE carbon stars

stars, companion

USE companion stars

stars, cool

USE cool stars

stars, double

USE double stars

stars, dwarf

USE dwarf stars

stars, early

USE early stars

stars, eclipsing binary

USE eclipsing binary stars

stars, F

USE F stars

stars, flare

USE flare stars

stars, G

USE G stars

stars, giant

USE giant stars

stars, helium

USE B stars

stars, horizontal branch

USE horizontal branch stars

stars, hot

USE hot stars

stars, infrared

USE infrared stars

stars, irregular variable

USE irregular variable stars

stars, K

USE K stars

stars, Lambda Tauri

USE Lambda Tauri stars

stars, late

USE late stars

stars, M

USE M stars

stars, magnetic

USE magnetic stars

stars, main sequence

stars, main sequence

USE main sequence stars

stars, massive

USE massive stars

stars (mathematics)

stars, metallic

USE metallic stars

stars, neutron

USE neutron stars

stars, O

USE O stars

stars, peculiar

USE peculiar stars

stars, pre-main sequence

USE pre-main sequence stars

stars, proto

USE protostars

stars, R Coronae Borealis

USE R Coronae Borealis stars

stars, radio

USE radio stars

stars, RCB

USE R Coronae Borealis stars

stars, red dwarf

USE red dwarf stars

stars, red giant

USE red giant stars

stars, reference

USE reference stars

stars, S

USE S stars

stars, semiregular variable

USE semiregular variable stars

stars, shell

USE shell stars

stars, subdwarf

USE subdwarf stars

stars, subgiant

USE subgiant stars

stars, supergiant

USE supergiant stars

stars, supermassive

USE supermassive stars

stars, symbiotic

USE symbiotic stars

stars, T Tauri

USE T Tauri stars

stars, triple

USE triple stars

stars, UV Ceti

USE flare stars

stars, variable

USE variable stars

stars, W

USE Wolf-Rayet stars

stars, W-R

USE Wolf-Rayet stars

stars, white dwarf

USE white dwarf stars

stars, Wolf-Rayet

USE Wolf-Rayet stars

stars, x ray

USE x ray stars

Starsat telescope

Starsite program

starspots

start, air

USE air start

starters

starters, engine

USE engine starters

starting

starting, in-flight

USE air start

startup tests, reactor

USE reactor startup tests

state), carrier density (solid

USE carrier density (solid state)

state), carrier transport (solid

USE carrier transport (solid state)

state creep, steady

USE steady state creep

state devices, solid

USE solid state devices

state), energy gaps (solid

USE energy gaps (solid state)

state equations

USE equations of state

state, equations of

USE equations of state

state estimation

state flow, steady

USE equilibrium flow

state, ground

USE ground state

state, Hugoniot equation of

USE Hugoniot equation of state

state lasers, solid

USE solid state lasers

state machines, finite-

USE Turing machines

state, metastable

USE metastable state

state physics, solid

USE solid state physics

state, rapid eye movement

USE rapid eye movement state

state), self diffusion (solid

USE self diffusion (solid state)

state, solid

USE solid state

state, steady

USE steady state

state, triplet

USE atomic energy levels

state, unsteady

USE unsteady state

state vectors

States), armed forces (United

USE armed forces (United States)

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States, Commonwealth of Independent

USE Commonwealth of Independent States

states, electron

USE electron states

states, excited

USE excitation

states (quantum theory), squeezed

USE squeezed states (quantum theory)

states, quasi-steady

USE quasi-steady states

states, rotational

USE rotational states

states, sea

USE sea states

states, two photon coherent

USE squeezed states (quantum theory)

States, United

USE United States

States), USA (United

USE United States

states, vibrational

USE vibrational states

static aerodynamic characteristics

static alternators

static characteristics

static deformation

static dischargers

static electricity

static firing

static friction

static inverters

static loads

static models

static pressure

static stability

static tests

static thrust

statics

statics, aero

USE aerostatics

statics, elasto

USE elastostatics

statics, electro

USE electrostatics

statics, hemo

USE hemostatics

statics, hydro

USE hydrostatics

statics, magneto

USE magnetostatics

statics, magnetohydro

USE magnetohydrostatics

station, Columbus space

USE Columbus space station

Station, Freedom Space

USE Space Station Freedom

Station Freedom, Space
USE Space Station Freedom

station, Halo Orbit space
USE Halo Orbit space station

station, Mir space
USE Mir space station

station), MTFF (space
USE man tended free flyers

station payloads, space
USE space station payloads

station polar platforms, space
USE space station polar platforms

station power supplies, space
USE space station power supplies

station propulsion, space
USE space station propulsion

station, Salyut space
USE Salyut space station

station structures, space
USE space station structures

station systems, integrated global ocean
USE integrated global ocean station systems

station (unmanned), SKYLAB space
USE SKYLAB 1

stationary orbits

stationkeeping

stations

stations, automatic weather
USE automatic weather stations

stations, crew
USE crew workstations

stations, crew experiment
USE crew experiment stations

stations, crew observation
USE crew observation stations

stations, Earth orbiting space
USE space stations

stations, ground
USE ground stations

stations, hydroelectric power
USE hydroelectric power stations

stations, hydropower
USE hydroelectric power stations

stations, manned orbital space
USE space stations

stations, meteorological
USE weather stations

stations), MOSS (space
USE space stations

stations, ocean data
USE ocean data acquisitions systems

stations, orbiting lunar
USE orbiting lunar stations

stations, payload
USE payload stations

stations), polar platforms (space
USE space station polar platforms

stations, satellite solar power
USE satellite solar power stations

stations, self deploying space
USE self erecting devices
space stations

stations, space
USE space stations

stations, tracking
USE tracking stations

stations, weather
USE weather stations

statistical analysis

statistical analysis, multivariate
USE multivariate statistical analysis

statistical communication theory
USE communication theory

statistical correlation

statistical decision theory

statistical distributions

statistical mechanics

statistical moments
USE distribution moments

statistical probability
USE probability theory

statistical tests

statistical weather forecasting

statistics

statistics, Bayesian
USE Bayes theorem

statistics, Bose-Einstein
USE quantum statistics

(statistics), discriminant analysis
USE discriminant analysis (statistics)

(statistics), entropy
USE entropy (statistics)

statistics, Fermi-Dirac
USE Fermi-Dirac statistics

(statistics), median
USE median (statistics)

(statistics), mode
USE mode (statistics)

statistics, nonparametric
USE nonparametric statistics

(statistics), normalizing
USE normalizing (statistics)

(statistics), outliers
USE outliers (statistics)

statistics, quantum
USE quantum statistics

(statistics), regression
USE regression analysis

(statistics), variance
USE variance (statistics)

stator blades

stators

stays
USE guy wires

STDN (network)

steady flow

steady state

steady state creep

steady state flow
USE equilibrium flow

steady states, quasi-
USE quasi-steady states

stealth bomber
USE B-2 aircraft

steam

steam flow

steam generators
USE boilers

steam turbines

stearates

stearothermophilus

steatite
USE talc

steel, bainitic
USE bainitic steel

Steel missile, Blue
USE Blue Steel missile

steel structures

steels

steels, austenitic stainless
USE austenitic stainless steels

steels, carbon
USE carbon steels

steels, chromium
USE chromium steels

steels, ferritic stainless
USE ferritic stainless steels

steels, high strength
USE high strength steels

steels, low alloy
USE high strength steels

steels, low carbon
USE low carbon steels

steels, maraging
USE maraging steels

steels, martensitic stainless
USE martensitic stainless steels

steels, nickel
USE nickel steels

steels, stainless
USE stainless steels

steep gradient aircraft
USE V/STOL aircraft

steepest ascent method
USE steepest descent method

steepest descent method

steepness
USE slopes

steerable antennas

steerable antennas, inertialess
USE inertialess steerable antennas

steering

steering rockets

steering rockets
USE control rockets

Stefan-Boltzmann law

stellar activity

stellar atmospheres

stellar color

stellar composition

stellar convection

stellar cores

stellar coronas

stellar Doppler shift
USE Doppler effect

stellar envelopes

stellar evolution

stellar fields
USE star distribution

stellar flares

stellar gravitation

stellar interiors

stellar luminosity

stellar magnetic fields

stellar magnetospheres

stellar magnitude

stellar mass

stellar mass accretion

stellar mass ejection

stellar models

stellar motions

stellar occultation

stellar orbits

stellar oscillations

stellar parallax

stellar physics

stellar radiation

stellar radio sources, quasi-
USE quasars

stellar rotation

stellar spectra

stellar spectrophotometry

stellar (star tracker)
USE CCD star tracker

stellar structure

stellar systems

stellar temperature

stellar winds

stellarators

Stellite, Haynes
USE Stellite (trademark)

Stellite (trademark)

stem, brain
USE brain stem

stems

stencil processes

step faults
USE geological faults

step functions

step recovery diodes

steppes

stepping motors

stepping switches

steps

steps, backward facing
USE backward facing steps

steps, rearward facing
USE backward facing steps

steps, stair
USE stairsteps

stereochemistry

stereography
USE stereophotography

stereophonics

stereophotography

stereoscopic photography
USE stereophotography

stereoscopic vision

stereoscopy

stereotelevision

sterilization

sterilization, chemical
USE chemical sterilization

sterilization effects

sterilization, spacecraft
USE spacecraft sterilization

sterns
USE afterbodies

sternum

steroids

steroids, cortico
USE corticosteroids

stethoscopes

sticks, control
USE control sticks

Stieltjes integral

stiff structures
USE rigid structures

stiffening

stiffness

stiffness matrix

stigmatism

stilbene

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stills

stimulants

stimulants, central nervous system
USE central nervous system stimulants

stimulated emission

stimulated emission devices

stimulation

stimulation, self
USE self stimulation

stimulation, sensory
USE sensory stimulation

stimuli

stimuli, auditory
USE auditory stimuli

stimuli, caloric
USE caloric stimuli

stimuli, electric
USE electric stimuli

stimuli, subliminal
USE subliminal stimuli

stimuli, visual
USE visual stimuli

Stirling cycle

Stirling engines

stirring

stishovite

stochastic processes

stockpiling

stoichiometry

Stokes equation, Navier-
USE Navier-Stokes equation

Stokes flow

Stokes law

Stokes law (fluid mechanics)

Stokes law of radiation

Stokes Raman spectroscopy, coherent anti-
USE Raman spectroscopy

Stokes theorem (vector calculus)

Stokes-Beltrami equation

STOL aircraft
USE short takeoff aircraft

STOL transport rsch airplane, experimental
USE Questol aircraft

stomach

stones (rocks)
USE rocks

stony meteorites

stony-iron meteorites

stopcocks
USE cocks

(stoppers), seals
USE seals (stoppers)

stopping

stopping power

storability, propellant
USE propellant storability

storable propellants**storage****storage batteries**

storage, buffer
USE buffer storage

storage, core
USE core storage

storage, cryogenic
USE cryogenic storage

storage, cryogenic computer
USE cryogenic computer storage

storage, cryogenic fluid
USE cryogenic fluid storage

storage, data
USE data storage

storage), delay lines (computer
USE delay lines (computer storage)

storage devices, computer
USE computer storage devices

storage devices, energy
USE energy storage

storage, document
USE document storage

storage, electric energy
USE electric energy storage

storage, energy
USE energy storage

storage, heat
USE heat storage

storage, ion
USE ion storage

storage, machine
USE computer storage devices
core storage

storage, magnetic
USE magnetic storage

storage, magnetic energy
USE magnetic energy storage

storage materials, optical data
USE optical data storage materials

storage, missile
USE missile storage

storage), optical memory (data
USE optical memory (data storage)

storage, propellant
USE propellant storage

storage rings (particle accelerators)

storage), silos (missile
USE missile silos

storage), solar ponds (heat
USE solar ponds (heat storage)

storage, space
USE space storage

storage stability**storage tanks**

storage, thermal energy
USE heat storage

storage, underground
USE underground storage

store release
USE external store separation

store separation, external
USE external store separation

stores, external
USE external stores

stores), pods (external
USE pods (external stores)

stores, wing-fuselage
USE wing-fuselage stores

storm commencements, sudden
USE sudden storm commencements

storm damage**storm enhancement****storm suppression****storm surges****storms**

storms, dust
USE dust storms

storms, geomagnetic
USE magnetic storms

storms, ionospheric
USE ionospheric storms

storms, magnetic
USE magnetic storms

storms (meteorology)

storms, noise
USE noise storms

Storms Observing Satellite, Severe
USE StormSat satellite

Storms Project, National Severe
USE National Severe Storms Project

storms, rain
USE rainstorms

storms, snow
USE snowstorms

storms, solar
USE solar storms

storms, thunder
USE thunderstorms

storms, tropical
USE tropical storms

StormSat satellite

Stoss-and-Lee topography
USE glacial drift

STOVL aircraft**stowage (onboard equipment)**

straight wings
USE rectangular wings

strain aging
USE precipitation hardening

strain, axial
USE axial strain

strain diagrams, stress-
USE stress-strain diagrams

strain distribution**strain energy methods****strain energy release rate**

strain fatigue
USE fatigue (materials)

strain gage accelerometers**strain gage balances****strain gages****strain hardening**

strain, interfacial
USE interfacial tension

strain measurement

strain, plane
USE plane strain

strain rate

strain relationships, stress-
USE stress-strain relationships

strain, shear
USE shear strain

strain softening
USE plastic deformation

strain, structural
USE structural strain

strain, uniaxial
USE axial strain

strain, volumetric
USE volumetric strain

strain-time relations, stress-
USE stress-strain-time relations

Strait, Torres
USE Torres Strait

straits**strakes****strands****strange attractors****strangeness****strapdown inertial guidance****straps****strata****strategic materials****strategy****stratification**

stratification, atmospheric
USE atmospheric stratification

stratified flow

stratified layers
USE strata

stratigraphy**stratocumulus clouds**

Stratofortress aircraft
USE B-52 aircraft

Stratojet aircraft

Stratojet aircraft

USE B-47 aircraft

stratopause

stratoscope telescopes

stratoscope 1 telescope

USE stratoscope telescopes

stratoscope 2 telescope

USE stratoscope telescopes

stratosphere

stratosphere radiation

Stratospheric Aerosol & Gas Experiment

USE SAGE satellite

Stratospheric Observatory for IR Astronomy

USE SOFIA (airborne observatory)

stratospheric warming

Stratotanker aircraft

USE C-135 aircraft

stratus clouds

streak cameras

Streak launch vehicle, Blue

USE Blue Streak launch vehicle

Streak missile, Blue

USE Blue Streak missile

streak photography

stream control engines, variable

USE variable stream control engines

stream effects, free

USE free flow

stream functions (fluids)

Stream, Gulf

USE Gulf Stream

stream, multiple instruction multiple data

USE MIMD (computers)

streaming, acoustic

USE acoustic streaming

streamline flow

USE laminar flow

streamlined bodies

streamlining

streams

streams, free

USE free flow

streams, gas

USE gas streams

streams (meteorology), jet

USE jet streams (meteorology)

streams, slip

USE slipstreams

streams, solar

USE solar corpuscular radiation

street, Karman vortex

USE Karman vortex street

streets

streets, vortex

USE vortex streets

strength

strength alloys, high

USE high strength alloys

strength, cold

USE cold strength

strength, compressive

USE compressive strength

strength, creep

USE creep strength

strength, creep rupture

USE creep rupture strength

strength, elastic

USE proportional limit

strength, electric field

USE electric field strength

strength, fiber

USE fiber strength

strength, field

USE field strength

strength, fracture

USE fracture strength

strength, high

USE high strength

strength, impact

USE impact strength

strength, material

USE mechanical properties

strength, microyield

USE microyield strength

strength, muscular

USE muscular strength

strength, notch

USE notch strength

strength of materials

USE mechanical properties

strength, residual

USE residual strength

strength, shear

USE shear strength

strength steels, high

USE high strength steels

strength, stress rupture

USE creep rupture strength

strength, tensile

USE tensile strength

strength, weld

USE weld strength

strength, yield

USE yield strength

strengths, oscillator

USE oscillator strengths

streptococcus

streptomyces

streptomycin

stress analysis

stress analysis, hydrothermal

USE hydrothermal stress analysis

stress analysis, X ray

USE X ray stress analysis

stress, axial

USE axial stress

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stress (biology)

stress (biology), flight

USE flight stress (biology)

stress calculation, matrix

USE matrix methods

stress calculations

USE stress analysis

stress, centrifuging

USE centrifuging stress

stress, combined

USE combined stress

stress concentration

stress corrosion

stress corrosion cracking

stress, critical

USE critical loading

stress cycles

stress distribution

stress fields

USE stress distribution

stress, flight

USE flight stress

stress functions

stress, inelastic

USE inelastic stress

stress intensity factors

stress, interlaminar

USE interlaminar stress

stress, internal

USE residual stress

stress measurement

stress measurement, photoelastic

USE photoelastic analysis

stress measurement, X ray

USE X ray stress measurement

stress, mental

USE stress (psychology)

stress (physiology)

stress, plane

USE plane stress

stress, plant

USE plant stress

stress propagation

stress (psychology)

stress ratio

stress relaxation

stress relieving

stress, residual

USE residual stress

stress, Reynolds

USE Reynolds stress

stress rupture strength

USE creep rupture strength

stress, shear

USE shear stress

stress, shearing
USE shear stress

stress, space flight
USE space flight stress

stress, tensile
USE tensile stress

stress tensors

stress, torsional
USE torsional stress

stress, vibrational
USE vibrational stress

stress waves

stress-strain diagrams

stress-strain relationships

stress-strain-time relations

stressed-skin structures

stresses

stresses, photo
USE photostresses

stresses (physiology), acceleration
USE acceleration stresses (physiology)

stresses, thermal
USE thermal stresses

stresses, triaxial
USE triaxial stresses

stretch forming

stretchers

stretching

striation

string theory

stringers

strings

strip

strip lines, parallel
USE microstrip transmission lines

strip mining

strip transmission lines

stripping

stripping, anodic
USE anodic stripping

stripping (distillation)

stripping, ion
USE ion stripping

strips, metal
USE metal strips

stroboscopes

stroke, heat
USE heat stroke

stroke volume

strokes

stroking tests

strong interactions (field theory)

strongly coupled plasmas

strontium

strontium bromides

strontium compounds

strontium fluorides

strontium isotopes

strontium oxides

strontium sulfides

strontium titanates

strontium zirconates

strontium 85

strontium 87

strontium 88

strontium 89

strontium 90

Strouhal number

Struct Test, Drones for Aerodynamic and
USE DAST program

structural analysis

structural analysis, dynamic
USE dynamic structural analysis

Structural Analysis program, NASA
USE NASTRAN

structural basins

structural beams
USE beams (supports)

structural design

structural design criteria

structural dynamics
USE dynamic structural analysis

structural engineering

structural failure

structural fatigue
USE fatigue (materials)

(structural forms), domes
USE domes (structural forms)

(structural forms), shells
USE shells (structural forms)

structural foundations
USE foundations

structural influence coefficients

structural materials
USE construction materials

(structural member), skin
USE skin (structural member)

structural members

(structural members), plates
USE plates (structural members)

(structural members), studs
USE studs (structural members)

structural properties (geology)

structural reliability

structural rigidity
USE structural stability

structural stability

structural strain

(structural units), bays
USE bays (structural units)

structural vibration

(structural), vibrational frequencies
USE resonant frequencies

structural weight

structure, atomic
USE atomic structure

structure, crystal
USE crystal structure

structure, Earth planetary
USE Earth planetary structure

structure, electronic
USE atomic structure

structure, fine
USE fine structure

structure, galactic
USE galactic structure

structure, hyperfine
USE hyperfine structure

structure), mantle (Earth
USE Earth mantle

structure, micro
USE microstructure

structure, molecular
USE molecular structure

structure, nuclear
USE nuclear structure

structure of solids, band
USE band structure of solids

structure, planetary
USE planetary structure

structure, stellar
USE stellar structure

structure, Widmanstätten
USE Widmanstätten structure

structured programming

structures

structures, aircraft
USE aircraft structures

(structures), bridges
USE bridges (structures)

structures, building
USE buildings

structures, composite
USE composite structures

structures, concrete
USE concrete structures

structures, data
USE data structures

structures, earthquake resistant
USE earthquake resistant structures

structures, expandable
USE expandable structures

structures, folding

structures, folding

USE folding structures

structures, honeycomb

USE honeycomb structures

(structures), hulls

USE hulls (structures)

structures, hybrid

USE hybrid structures

structures, inflatable

USE inflatable structures

structures, insulated

USE insulated structures

structures, intelligent

USE smart structures

structures, intramolecular

USE intramolecular structures

structures, isotenoid

USE isotenoid structures

structures, large space

USE large space structures

structures, membrane

USE membrane structures

structures, missile

USE missile structures

structures, monocoque

USE monocoque structures

structures, multilayer

USE laminates

(structures), partitions

USE partitions (structures)

structures, planar

USE planar structures

structures, plastic aircraft

USE plastic aircraft structures

(structures), ramps

USE ramps (structures)

structures, redundant

USE redundant components

(structures), reinforcement

USE reinforcement (structures)

structures, rigid

USE rigid structures

structures, ring

USE ring structures

structures, sandwich

USE sandwich structures

structures, smart

USE smart structures

structures, space erectable

USE space erectable structures

structures, space station

USE space station structures

structures, spacecraft

USE spacecraft structures

structures, steel

USE steel structures

structures, stiff

USE rigid structures

structures, stressed-skin

USE stressed-skin structures

structures, sub

USE substructures

structures, telescoping

USE folding structures

structures, underground

USE underground structures

structures, underwater

USE underwater structures

structures, unimolecular

USE unimolecular structures

structures, variable geometry

USE variable geometry structures

structures, welded

USE welded structures

structures, wooden

USE wooden structures

struts

strychnine

STS

USE space transportation system

(STS), Advanced Launch System

USE Advanced Launch System (STS)

(STS), Advanced Solid Rocket Motor

USE Advanced Solid Rocket Motor (STS)

(STS), approach and landing tests

USE approach and landing tests (STS)

(STS), ASRM

USE Advanced Solid Rocket Motor (STS)

(STS), Astro missions

USE Astro missions (STS)

(STS), entry guidance

USE entry guidance (STS)

(STS), Get Away Specials

USE Get Away Specials (STS)

(STS), interim upper stage

USE inertial upper stage

(STS), payload delivery

USE payload delivery (STS)

(STS), payload retrieval

USE payload retrieval (STS)

(STS), power modules

USE power modules (STS)

(STS), turnaround

USE turnaround (STS)

STS-1

USE Space Transportation System 1 flight

STS-2

USE Space Transportation System 2 flight

STS-3

USE Space Transportation System 3 flight

STS-4

USE Space Transportation System 4 flight

students

studies

USE investigation

studies, tracking

USE tracking (position)

studs (structural members)

Study, International Magnetospheric

USE International Magnetospheric Study

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Study, International Sats for Ionospheric

USE ISIS satellites

stunt flying

USE aerobatics

Sturm-Liouville operator

USE Sturm-Liouville theory

Sturm-Liouville theory

styluses

USE pens

stypnates

styrene, poly

USE polystyrene

styrenes

styrofoam (trademark)

subarctic regions

subassemblies

subaudible frequencies

subcarrier waves

USE carrier waves

subcircuits

USE circuits
subassemblies

subcontracts

subcritical flow

subcritical mass

subdivisions

subduction (geology)

subdwarf stars

subgiant stars

subgravity

USE microgravity

subgroups

subharmonic generators

SUBIC project

USE Submarine Integrated Control project

subjects

sublattices

USE subgroups
lattices (mathematics)

sublayers

USE substrates

sublethal dosage

sublimation

subliminal stimuli

submarine cables

Submarine Integrated Control project

submarine propulsion

submarine, trident

USE trident submarine

submarines

submarines, ballistic missile

USE ballistic missile submarines

submarines, guided missile
USE guided missile submarines

submarines, Polaris
USE guided missile submarines

submerged bodies

submerging

submersible aircraft

submillimeter waves

subminiaturization

suborbital flight

suboxides, carbon
USE carbon suboxides

subreflectors

Subroc missile

subroutine libraries (computers)

subroutines

subsets (mathematics)
USE set theory

subsidence

subsidiaries

subsonic aircraft

subsonic flow

subsonic flutter

subsonic speed

subsonic wind tunnels

substances
USE materials

(substances), gums
USE gums (substances)

substitutes

substitution
USE substitutes

substorms, magnetic
USE magnetic storms

substorms, polar
USE polar substorms

substrates

substructures

subsystems, personnel
USE personnel subsystems

subtraction

subtraction, holographic
USE holographic subtraction

subtraction holography, self
USE holographic subtraction

subtropical regions
USE temperate regions
tropical regions

suburban areas

subzero temperature

Success project

succinimides

sucrose

suction

Sud Aviation aircraft

Sud Aviation SA-321 helicopter
USE SA-321 helicopter

Sud Aviation SA-330 helicopter
USE SA-330 helicopter

Sud Aviation SE-210 aircraft
USE SE-210 aircraft

Sud Aviation SE-3160 helicopter
USE SE-3160 helicopter

Sud VJ-101 aircraft
USE VJ-101 aircraft

Sudan

sudden enhancement of atmospherics

sudden ionospheric disturbances

sudden storm commencements

sugar beets

sugar cane

sugars

suggestion

Suhl effect

suitability

suits

suits, pressure
USE pressure suits

suits, space
USE space suits

sulfate, hydroxylamine
USE hydroxylamine sulfate

sulfates

sulfates, ammonium
USE ammonium sulfates

sulfates, lithium
USE lithium sulfates

sulfates, magnesium
USE magnesium sulfates

sulfates, sodium
USE sodium sulfates

sulfation

sulfidation

sulfide, hydrogen
USE hydrogen sulfide

sulfides

sulfides, barium
USE barium sulfides

sulfides, bismuth
USE bismuth sulfides

sulfides, cadmium
USE cadmium sulfides

sulfides, calcium
USE calcium sulfides

sulfides, copper
USE copper sulfides

sulfides, di
USE disulfides

sulfides, indium
USE indium sulfides

sulfides, inorganic
USE inorganic sulfides

sulfides, lead
USE lead sulfides

sulfides, molybdenum
USE molybdenum sulfides

sulfides, strontium
USE strontium sulfides

sulfides, zinc
USE zinc sulfides

sulfites

sulfites, hydro
USE hydrosulfites

sulfites, sodium
USE sodium sulfites

sulfonates

sulfones

sulfonic acid

sulfur

sulfur batteries, lithium
USE lithium sulfur batteries

sulfur batteries, sodium
USE sodium sulfur batteries

sulfur chlorides

sulfur compounds

sulfur compounds, organic
USE organic sulfur compounds

sulfur dioxides

sulfur fluorides

sulfur hexafluoride

sulfur isotopes

sulfur oxides

sulfuric acid

sulfurizing, de
USE desulfurizing

sum rules

summaries

summaries, prelaunch
USE prelaunch summaries

summaters, binary
USE adding circuits

summer

sumps

sums

sun

Sun Earth Explorer 1, International
USE International Sun Earth Explorer 1

Sun Earth Explorer 2, International
USE International Sun Earth Explorer 2

Sun Earth Explorer 3, International
USE International Sun Earth Explorer 3

Sun Earth Explorers, International

Sun Earth Explorers, International
USE International Sun Earth Explorers

sun sensors
USE solar sensors

Sun Year, International Quiet
USE International Quiet Sun Year

Sunblazer space probe

sunflowers

sunglasses

sunlight

sunrise

sunset

sunspot cycle

sunspots

super collider, superconducting
USE superconducting super collider

Super Fortress aircraft
USE RB-50 aircraft

Super Sabre aircraft
USE F-100 aircraft

superalloys
USE heat resistant alloys

supercavitating flow

supercavitation
USE supercavitating flow

superchargers

supercharging
USE superchargers

supercomputers

superconducting cavity resonators

superconducting devices

superconducting films

superconducting magnets

superconducting power transmission

superconducting quantum interferometers
USE squid (detectors)

superconducting super collider

superconductivity

superconductor insulator superconductors
USE SIS (superconductors)

superconductors

superconductors, Bi-Sr-Ca-Cu-O
USE BSCCO superconductors

superconductors, BSCCO
USE BSCCO superconductors

superconductors, high temperature
USE high temperature superconductors

(superconductors), HTSC
USE high temperature superconductors

superconductors, organic
USE organic superconductors

(superconductors), SIS
USE SIS (superconductors)

superconductors, superconductor insulator
USE SIS (superconductors)

superconductors, Y-Ba-Cu-O
USE YBCO SUPERCONDUCTORS

SUPERCONDUCTORS, YBCO
USE YBCO SUPERCONDUCTORS

supercooling

supercritical airfoils

supercritical flow

supercritical fluids

supercritical pressures

supercritical wings

superfluid flow
USE superfluidity

superfluidity

supergiant stars

supergravity

superharmonics

superheating

superheterodyne receivers

superhigh frequencies

superhybrid materials

superimposition (mathematics)
USE superposition (mathematics)

Superior, Lake
USE Lake Superior

superlattices

supermagnets
USE high field magnets

supermassive stars

supernova remnants

supernova 1987A

supernovae

superoxides
USE inorganic peroxides

superplasticity

superposition (mathematics)

superpressure balloons

superrotation

supersaturation

supersonic aircraft

supersonic airfoils

supersonic boundary layers

supersonic combustion

supersonic combustion ramjet engines

supersonic commercial air transport

supersonic compressors

supersonic cruise aircraft research

supersonic diffusers

supersonic drag

supersonic flight

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supersonic flow

supersonic flow inlets
USE supersonic inlets

supersonic flutter

supersonic heat transfer

supersonic inlets

supersonic jet flow

supersonic low altitude missile

supersonic nozzles

supersonic speed

supersonic test apparatus

supersonic transports

supersonic turbines

supersonic wakes

supersonic wind tunnels

supersonics

superstring theory
USE string theory

supersymmetry

supine position

supplements

supplies, aircraft power
USE aircraft power supplies

supplies, consumables (spacecrew)
USE consumables (spacecrew supplies)

supplies, electric power
USE electric power supplies

supplies, power
USE power supplies

supplies, space station power
USE space station power supplies

supplies, spacecraft power
USE spacecraft power supplies

(supply chambers), magazines
USE magazines (supply chambers)

supply circuits, power
USE power supply circuits

supply equipment, oxygen
USE oxygen supply equipment

supplying

(supplying), feeding
USE feeding (supplying)

support equipment, ground
USE ground support equipment

support interference

support, satellite ground
USE satellite ground support

Support Sys, Integrated Maneuvering Life
USE IMLSS

(support system), GOSS
USE ground operational support system

support system, ground operational
USE ground operational support system

support systems

- support systems, bioregenerative life**
USE closed ecological systems
- support systems, ground**
USE ground support systems
- support systems, life**
USE life support systems
- support systems, portable life**
USE portable life support systems
- supports**
- (supports), beams**
USE beams (supports)
- (supports), columns**
USE columns (supports)
- (supports), poles**
USE poles (supports)
- (supports), ribs**
USE ribs (supports)
- (supports), saddles**
USE saddles (supports)
- (supports), webs**
USE webs (supports)
- suppression**
USE retarding
- suppression, explosion**
USE explosion suppression
- suppression, infrared**
USE infrared suppression
- suppression, lightning**
USE lightning suppression
- suppression, storm**
USE storm suppression
- suppressors**
- suppressors, echo**
USE echo suppressors
- suppressors, noise**
USE noise reduction
- surface acoustic wave devices**
- surface blowing, under**
USE under surface blowing
- surface blowing, upper**
USE upper surface blowing
- surface blown flaps, upper**
USE upper surface blown flaps
- surface cooling**
- surface cracks**
- surface currents, external**
USE external surface currents
- surface defects**
- surface detection equipment, airport**
USE airport surface detection equipment
- surface diffusion**
- surface distortion**
- surface, Earth**
USE Earth surface
- surface effect ships**
- surface emitting lasers**
- surface energy**
- Surface Experiments Package, Apollo Lunar**
USE Apollo Lunar Surface Experiments Package
- Surface Experiments Package, Early Apollo**
USE EASEP
- surface finishing**
- surface geometry**
- surface interactions**
USE surface reactions
- surface ionization**
- surface, Lambert**
USE Lambert surface
- surface layers**
- surface, lunar**
USE lunar surface
- surface, Mars**
USE Mars surface
- surface, Mercury**
USE Mercury surface
- surface missiles, air to**
USE air to surface missiles
- surface missiles, surface to**
USE surface to surface missiles
- surface missiles, underwater to**
USE underwater to surface missiles
- surface movements, airfield**
USE airfield surface movements
- surface navigation**
- surface noise interactions**
- surface, ocean**
USE ocean surface
- surface pressure**
USE pressure
- surface properties**
- surface reactions**
- surface rockets, surface to**
USE surface to surface rockets
- surface roughness**
- surface roughness effects**
- surface samples, Mars**
USE Mars surface samples
- Surface Scientific Modules, Lunar**
USE LSSM
- surface stability**
- surface temperature**
- surface temperature, land**
USE land surface temperature
- surface temperature, sea**
USE sea surface temperature
- surface tension**
USE interfacial tension
- surface to air missiles**
- surface to surface missiles**
- surface to surface rockets**
- surface treatment**
- (surface treatment), sizing**
USE sizing (surface treatment)
- surface vehicles**
- surface vehicles, lunar**
USE lunar surface vehicles
- surface vehicles, manned lunar**
USE manned lunar surface vehicles
- surface, Venus**
USE Venus surface
- surface water**
- surface waves**
- surface waves, electromagnetic**
USE electromagnetic surface waves
- surface-active agents**
USE surfactants
- surfaces**
- surfaces, cold**
USE cold surfaces
- surfaces, control**
USE control surfaces
- surfaces, Cosserat**
USE Cosserat surfaces
- surfaces, crystal**
USE crystal surfaces
- surfaces, curved**
USE contours
surfaces
shapes
- surfaces), elevators (control**
USE elevators (control surfaces)
- surfaces, Fermi**
USE Fermi surfaces
- surfaces), flaps (control**
USE flaps (control surfaces)
- surfaces, flat**
USE flat surfaces
- surfaces, horizontal tail**
USE horizontal tail surfaces
- surfaces, hot**
USE hot surfaces
- (surfaces), hydroplanes**
USE hydroplanes (surfaces)
- surfaces, lifting**
USE lift devices
surfaces
lifting bodies
- surfaces, liquid**
USE liquid surfaces
- surfaces, metal**
USE metal surfaces
- surfaces, minimal**
USE minimal surfaces
- surfaces, planetary**
USE planetary surfaces
- surfaces, satellite**
USE satellite surfaces
- surfaces, selective**
USE selective surfaces
- surfaces, solid**
USE solid surfaces
- surfaces, sweptback tail**
USE sweptback tail surfaces

surfaces, T tail

surfaces, T tail
USE T tail surfaces

surfaces), tabs (control
USE tabs (control surfaces)

surfaces, tail
USE tail surfaces

surfaces, townsend
USE Townsend avalanche

surfaces, trapezoidal tail
USE trapezoidal tail surfaces

surfactants

surgeons

surgeons, flight
USE flight surgeons

surgery

surges

surges, storm
USE storm surges

(surges), transients
USE surges

surgical instruments

Surinam

surveillance

surveillance (ground based), space
USE space surveillance (ground based)

surveillance radar

surveillance radar, airborne
USE airborne surveillance radar

surveillance, space
USE space surveillance

surveillance (spaceborne), space
USE space surveillance (spaceborne)

Survey aircraft, Earth Resources
USE Earth Resources Survey aircraft

survey module, local scientific
USE local scientific survey module

Survey Program, Earth Resources
USE Earth Resources Survey Program

surveying
USE surveys

Surveyor lunar probes

Surveyor project

Surveyor 1 lunar probe

Surveyor 2 lunar probe

Surveyor 3 lunar probe

Surveyor 4 lunar probe

Surveyor 5 lunar probe

Surveyor 6 lunar probe

Surveyor 7 lunar probe

surveys

surveys (astronomy), sky
USE sky surveys (astronomy)

surveys, environmental
USE environmental surveys

surveys, geodetic
USE geodetic surveys

surveys, geological
USE geological surveys

surveys, magnetic
USE magnetic surveys

surveys, wage
USE wage surveys

survivability, aircraft
USE aircraft survivability

survivability, spacecraft
USE spacecraft survivability

survival

survival equipment

susceptibility, magnetic
USE magnetic permeability

susceptibility (magnetism)
USE magnetic permeability

suspended gyroscopes, electrically
USE electrostatic gyroscopes

suspending (hanging)

suspending (mixing)

suspension and pointing system, annular
USE annular suspension and pointing system

suspension, magnetic
USE magnetic suspension

suspension systems (vehicles)

suspensions

suspensions, solid
USE solid suspensions

Susquehanna River Basin (MD-NY-PA)

sustained emission, self
USE self sustained emission

sustainer rocket engines

sustaining

sustaining systems, emergency life
USE emergency life sustaining systems

swaging

swallowing

swamps
USE marshlands

Swan bands

swarming

swash
USE splashing

SWATH (ship)

swath width

sway test, body
USE body sway test

Swaziland

sweat

sweat cooling

sweat index, Palmar
USE Palmar sweat index

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sweating
USE perspiration

Sweden

Swedish space program

sweep angle

sweep circuits

sweep effect

sweep frequency

sweep, leading edge
USE leading edge sweep

sweep wings, variable
USE variable sweep wings

sweepback

sweepback angles
USE sweepback

sweeping, electron
USE sweep frequency

swelling

swept forward wings

swept wings

sweepback tail surfaces

sweepback wings

swimming

swimming pool reactors

swine

(swine), pigs
USE swine

swing tail assemblies

swing wings

swingby technique

swirling

swirling wakes
USE turbulent wakes

Swiss space program

switched lasers, Q
USE Q switched lasers

switches

switches, capacitance
USE capacitance switches

switches, electric
USE electric switches

switches, electronic
USE switching circuits

switches, pressure
USE pressure switches

switches, stepping
USE stepping switches

switches, vacuum arc
USE vacuum arc switches

switching

switching, beam
USE beam switching

switching circuits

- switching, electro-optical**
USE optical switching
- switching elements**
USE switching circuits
- switching elements, fluid**
USE fluid switching elements
- switching interferometers, phase**
USE phase switching interferometers
- switching, magnetic**
USE magnetic switching
- switching, microwave**
USE microwave switching
- switching, optical**
USE optical switching
- switching, optoelectronic**
USE optical switching
- switching, packet**
USE packet switching
- switching, photonic**
USE optical switching
- switching theory**
- Switzerland**
- swivels**
- syenite**
- syllables**
- symbiosis**
- symbiotic stars**
- symbolic programming**
- symbols**
- (symbols), letters**
USE symbols
- (symbols), signs**
USE symbols
- symmetrical bodies**
- symmetry**
- symmetry, anti**
USE antisymmetry
- symmetry breaking**
USE broken symmetry
- symmetry, broken**
USE broken symmetry
- symmetry, super**
USE supersymmetry
- sympathetic nervous system**
- sympathomimetics**
USE adrenergics
- Symphonie satellites**
- symposia**
USE conferences
- symptomology**
- symptoms**
USE signs and symptoms
- symptoms, signs and**
USE signs and symptoms
- synapses**
- synchrocyclotrons**
- synchronism**
- synchronization**
USE synchronism
- synchronization, bit**
USE bit synchronization
- synchronization, frequency**
USE frequency synchronization
- synchronization, non**
USE nonsynchronization
- synchronized oscillators**
- synchronizers**
- synchronous communication satellites**
USE SYNCOM satellites
- synchronous communications satellite proj**
- synchronous detectors**
USE correlators
- Synchronous Earth Observatory satellite**
- synchronous meteorological satellite**
- synchronous motors**
- synchronous platforms**
- synchronous satellites**
- synchrophasing**
- synchrophasotrons**
- synchrosopes**
- synchrotron radiation**
- synchrotrons**
- synclines**
- synclines, geo**
USE geosynclines
- synclinoria**
USE synclines
- syncoders**
- SYNCOM apogee engines**
- SYNCOM satellites**
- SYNCOM 1 satellite**
- SYNCOM 2 satellite**
- SYNCOM 3 satellite**
- Syncom 4 satellite**
- syncope**
- syndrome, acquired immunodeficiency**
USE acquired immunodeficiency syndrome
- syndrome, space adaptation**
USE space adaptation syndrome
- syndromes**
USE signs and symptoms
- synoptic measurement**
- synoptic meteorology**
- syntax**
- syntectic alloys**
- synthane**
- synthesis**
- synthesis, bio**
USE biosynthesis
- synthesis (chemistry)**
- synthesis, combustion**
USE combustion synthesis
- synthesis, network**
USE network synthesis
- synthesis, photo**
USE photosynthesis
- synthesis, plasma jet**
USE plasma jet synthesis
- synthesis, protein**
USE protein synthesis
- synthesizers**
- synthesizers, frequency**
USE frequency synthesizers
- synthetic aperture radar**
- synthetic apertures**
- synthetic arrays**
- synthetic fibers**
- synthetic food**
- synthetic fuels**
- synthetic metals**
- synthetic methane**
USE synthane
- synthetic resins**
- synthetic rubbers**
- syntony**
- syphilis**
- Syria**
- syringes**
- sys), AIRS (reconnaissance)**
USE airborne integrated reconnaissance system
- Sys, Atmospheric & Oceanographic Inform**
USE Atmospheric & Oceanographic Inform Sys
- Sys, Integrated Maneuvering Life Support**
USE IMLSS
- Sys, National Operational Environmental Sat**
USE NOESS
- system), AFCS (control)**
USE automatic flight control
- system, African rift**
USE African rift system
- system, airborne integrated reconnaissance**
USE airborne integrated reconnaissance system
- System, Airborne Warning and Control**
USE AWACS aircraft
- system, Aloha**
USE Aloha system
- system), ALS (launch)**
USE Advanced Launch System (STS)
- system, annular suspension and pointing**
USE annular suspension and pointing system
- system, Apollo extension**
USE Apollo extension system

system, Argos

system, Argos
USE Argos system

System, Astroguide Navigation
USE Astroguide Navigation System

system, automated pilot advisory
USE automated pilot advisory system

system, automated radar terminal
USE automated radar terminal system

system, autonomic nervous
USE autonomic nervous system

System (AVCS), Advanced Vidicon Camera
USE Advanced Vidicon Camera System (AVCS)

System, Ballistic Missile Early Warning
USE Ballistic Missile Early Warning System

System, Beacon Collision Avoidance
USE Beacon Collision Avoidance System

System, Bioastronautical Orbital Space
USE Bioastronautical Orbital Space System

system, cardiovascular
USE cardiovascular system

system, CEMS
USE Central Electronic Management System

System, Central Electronic Management
USE Central Electronic Management System

system, central nervous
USE central nervous system

system, circulatory
USE circulatory system

system configurations, propulsion
USE propulsion system configurations

system (DCS), defense communications
USE defense communications system (DCS)

System, Defense Communications Satellite
USE Defense Communications Satellite System

system depressants, central nervous
USE central nervous system depressants

system, digestive
USE digestive system

system, discrete address beacon
USE discrete address beacon system

system (DOS), disk operating
USE disk operating system (DOS)

System, Earth Resources Information
USE Earth Resources Information System

system, Earth terminal measurement
USE Earth terminal measurement system

system, Earth-Moon
USE Earth-Moon system

system effectiveness

System (EOS), Earth Observing
USE Earth Observing System (EOS)

system (Europe), EISCAT radar
USE EISCAT radar system (Europe)

system evolution, solar
USE solar system evolution

system failures

system, fleet satellite communication
USE fleet satellite communication system

System flights, Space Transportation
USE Space Transportation System flights

system for Apollo, lunar exploration
USE lunar exploration system for Apollo

system, gastrointestinal
USE gastrointestinal system

system generated electromagnetic pulses

system, genitourinary
USE genitourinary system

system, global positioning
USE global positioning system

system, Goddard trajectory determination
USE Goddard trajectory determination system

system), GOSS (support
USE ground operational support system

system, ground operational support
USE ground operational support system

system, hematopoietic
USE hematopoietic system

system, hot cycle propulsion
USE tip driven rotors

system identification

system, information adaptive
USE information adaptive system

System, Integ Med and Behavioral Lab Measur
USE IMBLMS

system, intravascular
USE intravascular system

system), LESA (lunar exploration
USE lunar exploration system for Apollo

System, Light Airborne Multipurpose
USE Light Airborne Multipurpose System

system, LOCATES
USE LOCATES system

system, LORAC navigation
USE LORAC navigation system

system management, weapon
USE weapon system management

system, metric
USE International System of Units

system, microwave scanning beam landing
USE microwave scanning beam landing system

system, minitrack
USE minitrack system

system, minitrack optical tracking
USE minitrack system

system, Miros
USE Miros system

System, Modular Integrated Utility
USE Modular Integrated Utility System

system), MOTS (tracking
USE minitrack system

system), MS DOS (operating
USE disk operating system (DOS)

system, musculoskeletal
USE musculoskeletal system

System, NASA End-to-End Data
USE needs (data system)

System, NASA Interactive Planning
USE NASA Interactive Planning System

System, National Airspace
USE National Airspace System

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System, National Airspace Utilization
USE National Airspace Utilization System

System, National Aviation
USE National Aviation System

System, National Oceanic Satellite
USE National Oceanic Satellite System

system), needs (data
USE needs (data system)

system, nervous
USE nervous system

(system), NIPS
USE NASA Interactive Planning System

System, Nova Laser
USE Nova Laser System

System of Units, International
USE International System of Units

System, Omega Navigation
USE Omega Navigation System

system, payload deployment & retrieval
USE payload deployment & retrieval system

system performance, propulsion
USE propulsion system performance

system, peripheral nervous
USE peripheral nervous system

system, pilot landing aid television
USE PLAT system

system, PLAT
USE PLAT system

system, polystation doppler tracking
USE polystation doppler tracking system

system, post boost propulsion
USE post boost propulsion system

system, Ranger block 3 television
USE Ranger block 3 television system

system, remote manipulator
USE remote manipulator system

system, respiratory
USE respiratory system

system, Safeguard
USE Safeguard system

system, SAGE air defense
USE SAGE air defense system

System, Satellite and Missile Observation
USE Samos

system, Sentinel
USE Sentinel system

system, Shiva laser
USE Shiva laser system

system, solar
USE solar system

system, space detection and tracking
USE space detection and tracking system

system, space transportation
USE space transportation system

system), SPADATS (tracking
USE space detection and tracking system

system stimulants, central nervous
USE central nervous system stimulants

System (STS), Advanced Launch
USE Advanced Launch System (STS)

system, sympathetic nervous
USE sympathetic nervous system

system, teleoperator maneuvering
USE teleoperators

system, terrain contour matching navigation
USE TERCOM

system, TIROS operational satellite
USE TIROS operational satellite system

system, tradex radar
USE tradex radar system

system, transit navigation
USE transit navigation system

system, typhon weapon
USE typhon weapon system

system), UNIX (operating
USE UNIX (operating system)

system, vascular
USE cardiovascular system

system, vasomotor nervous
USE nervous system

system, vortex advisory
USE vortex advisory system

System 1 flight, Space Transportation
USE Space Transportation System 1 flight

System 2 flight, Space Transportation
USE Space Transportation System 2 flight

System 3 flight, Space Transportation
USE Space Transportation System 3 flight

System 4 flight, Space Transportation
USE Space Transportation System 4 flight

System 10 computer
USE PDP 10 computer

system 107A-1, weapon
USE weapon system 107A-1

system 107A-2, weapon
USE weapon system 107A-2

system 133A, weapon
USE weapon system 133A

system 133B, weapon
USE weapon system 133B

system 315A, weapon
USE weapon system 315A

systems

systems, adaptive control
USE adaptive control

Systems, Advanced EVA Protection
USE AEPS

systems, aerospace
USE aerospace systems

systems, afferent nervous
USE afferent nervous systems

systems, air cushion landing
USE air cushion landing systems

systems, air data
USE air data systems

systems, aircraft fuel
USE aircraft fuel systems

systems, aircraft hydraulic
USE aircraft hydraulic systems

systems, all-weather landing
USE all-weather landing systems

systems analysis

systems, ascent propulsion
USE ascent propulsion systems

systems, biocontrol
USE biocontrol systems

systems (biology), motor
USE efferent nervous systems

systems, bioregenerative life support
USE closed ecological systems

systems, carrier
USE wireless communication

systems, celestial reference
USE celestial reference systems

systems), chokes (fuel
USE chokes (fuel systems)

systems, closed ecological
USE closed ecological systems

systems, closed loop
USE feedback control

systems, command
USE command guidance

systems, communication
USE telecommunication

systems compatibility

systems, complex
USE complex systems

systems (computers), executive
USE operating systems (computers)

systems (computers), operating
USE operating systems (computers)

systems, control
USE control

systems, cooling
USE cooling systems

systems, coordinate
USE coordinates

systems, data
USE data systems

systems, data base management
USE data base management systems

systems, data handling
USE data systems

systems, data readout
USE data systems
display devices

systems, deicing
USE deicers

systems, descent propulsion
USE descent propulsion systems

systems design
USE systems engineering

systems design, computer
USE computer systems design

systems design, control
USE control systems design

systems, Dewar
USE cryogenic equipment

systems, digital
USE digital systems

systems (digital), binary
USE digital systems

systems, digital command
USE digital command systems

systems, digital radar
USE digital radar systems

systems (digital), ternary
USE digital systems

systems, display
USE display devices

systems, distributed parameter
USE distributed parameter systems

systems, domestic satellite communications
USE domestic satellite communications systems

systems, dynamical
USE dynamical systems

systems, early warning
USE early warning systems

systems, eco
USE ecosystems

systems, ecological
USE ecosystems

systems, efferent nervous
USE efferent nervous systems

systems, elastic
USE elastic systems

systems, electronic recording
USE electronic recording systems

systems, embedded computer
USE embedded computer systems

systems, emergency life sustaining
USE emergency life sustaining systems

systems, end-to-end data
USE end-to-end data systems

systems, endocrine
USE endocrine systems

systems engineering

systems engineering, space
USE aerospace engineering

systems, escape
USE escape systems

systems, exhaust
USE exhaust systems

systems, expert
USE expert systems

systems, fail-safe
USE fail-safe systems

systems, feed
USE feed systems

systems, flight management
USE flight management systems

systems, flotation
USE floats

Systems for Nuclear Auxiliary Power
USE SNAP

systems, fuel
USE fuel systems

systems, fuzzy
USE fuzzy systems

systems, geographic information
USE geographic information systems

systems, ground support
USE ground support systems

(systems), hardening

(systems), hardening

USE hardening (systems)

systems, hot gas

USE high temperature gases

systems, hybrid navigation

USE hybrid navigation systems

systems, hydraulic

USE hydraulic equipment

systems, hydrothermal

USE hydrothermal systems

systems, hyperbolic

USE hyperbolic systems

systems (identification), IFF

USE IFF systems (identification)

systems, ignition

USE ignition systems

systems, ILS (landing)

USE instrument landing systems

systems, immune

USE immune systems

systems, induction

USE intake systems

systems, inertial reference

USE inertial reference systems

systems, information

USE information systems

systems, instrument landing

USE instrument landing systems

systems, intake

USE intake systems

systems, integrated energy

USE integrated energy systems

systems, integrated global ocean station

USE integrated global ocean station systems

systems, integrated library

USE integrated library systems

systems integration

systems, jettison

USE jettison systems

systems, knowledge based

USE knowledge based systems

systems, landing

USE landing aids

systems, launch escape

USE launch escape systems

systems), LES (escape

USE launch escape systems

systems, life support

USE life support systems

systems, linear

USE linear systems

systems, lubrication

USE lubrication systems

systems, lumped parameter

USE lumped parameter systems

systems, man machine

USE man machine systems

systems, man operated propulsion

USE man operated propulsion systems

systems, management

USE management systems

systems management

systems, management information

USE management information systems

systems (materials), binary

USE binary systems (materials)

(systems), MATTS

USE MATTS (systems)

systems, metal-gas

USE metal-gas systems

systems, methoxy

USE methoxy systems

systems, microwave landing

USE microwave landing systems

systems), MIMO (control

USE MIMO (control systems)

systems, missile

USE missile systems

systems, mobile communication

USE mobile communication systems

systems), MOPS (propulsion

USE man operated propulsion systems

(systems), MRAC

USE model reference adaptive control

systems, multiloop

USE cascade control

systems, multiple target trajectory

USE MATTS (systems)

systems, Nike X

USE Nike X systems

systems, nonlinear

USE nonlinear systems

(systems), observability

USE observability (systems)

systems, ocean data acquisitions

USE ocean data acquisitions systems

systems, on-line

USE on-line systems

systems, optical relay

USE optical relay systems

systems, oxygen

USE oxygen supply equipment

systems performance, computer

USE computer systems performance

systems, personnel propulsion

USE self maneuvering units

systems, phase locked

USE phase locked systems

systems, piggyback

USE piggyback systems

systems, planetary

USE planetary systems

systems, pointing control

USE pointing control systems

systems, portable life support

USE portable life support systems

systems, power processing

USE power conditioning

systems programs, computer

USE computer systems programs

systems, public address

USE public address systems

NASA THESAURUS VOLUME 2

systems, radio relay

USE radio relay systems

systems, rapid transit

USE rapid transit systems

systems, receiving

USE receivers

systems, reference

USE reference systems

systems, reproductive

USE reproductive systems

systems research aircraft, rotor

USE rotor systems research aircraft

systems, sampled data

USE sampled data systems

systems, satellite navigation

USE satellite navigation systems

systems, self adaptive control

USE self adaptive control systems

systems, self organizing

USE self organizing systems

systems simulation

systems simulation, computer

USE computer systems simulation

systems, single input single output

USE SISO (control systems)

systems), SISO (control

USE SISO (control systems)

systems, solar dynamic power

USE solar dynamic power systems

systems, solar total energy

USE solar total energy systems

systems, sortie

USE sortie systems

systems stability

systems, stellar

USE stellar systems

systems, support

USE support systems

systems, takeoff

USE aircraft launching devices

systems, telegraph

USE telegraph systems

systems, teletypewriter

USE teletypewriter systems

systems, television

USE television systems

systems, ternary

USE ternary systems

systems, thermionic conversion

USE thermionic power generation

systems, thermoelectric conversion

USE thermoelectric power generation

systems, total energy

USE total energy systems

systems, transcontinental

USE transcontinental systems

systems, transoceanic

USE transoceanic systems

systems, two phase

USE binary systems (materials)

systems, vacuum
USE vacuum systems

systems, variable mass
USE variable mass systems

systems (vehicles), suspension
USE suspension systems (vehicles)

systems, virtual memory
USE virtual memory systems

systems, VOR
USE VHF omnirange navigation

systems, warning
USE warning systems

systems, weapon
USE weapon systems

systems, wiring
USE wiring

systole

systolic arrays

systolic pressure

T

T boundary, K-
USE Cretaceous-Tertiary boundary

T shape

T tail surfaces

T Tauri stars

T-2 aircraft

T-25 engine, J-69-
USE J-69-T-25 engine

T-28 aircraft

T-33 aircraft

T-34 engine

T-37 aircraft

T-38 aircraft

T-38 engine

T-39 aircraft

T-53 engine

T-55 engine

T-56 engine

T-58 engine

T-58-GE-8B engine

T-63 engine

T-64 engine

T-74 engine

T-76 engine

T-78 engine

Ta
USE tantalum

table, interference factor
USE interference factor table

tables, conversion
USE conversion tables

tables (data)

tables, mathematical
USE mathematical tables

tables, water
USE water tables

tablets

tabs (control surfaces)

tabulating
USE tabulation processes

tabulation

tabulation processes

Tacan

tachistoscopes

tachometers

tachometers, cardio
USE cardi tachometers

tachycardia

tachyons

tachypnea

tackiness

TACT program

tactical air navigation
USE Tacan

tactical fighter, advanced
USE F-22 aircraft

tactics

tactile discrimination

tactile sensation
USE touch

tactile sensors (robotics)

Tafel law

tagging
USE marking

TAGN

Tahoe (CA-NV), Lake
USE Lake Tahoe (CA-NV)

tail assemblies

tail assemblies, swing
USE swing tail assemblies

tail configurations, body-wing and
USE body-wing and tail configurations

tail, geomagnetic
USE geomagnetic tail

tail mountings
USE tail assemblies

tail planes
USE horizontal tail surfaces

tail rotors

tail rotors, helicopter
USE helicopter tail rotors

tail surfaces

tail surfaces, horizontal
USE horizontal tail surfaces

tail surfaces, sweptback
USE sweptback tail surfaces

tail surfaces, T
USE T tail surfaces

tail surfaces, trapezoidal
USE trapezoidal tail surfaces

tailless aircraft

tailoring
USE design

tails (assemblies)
USE tail assemblies

tails, boat
USE boattails

tails, comet
USE comet tails

tails, magneto
USE magnetotails

tails, vertical
USE tail assemblies
stabilizers (fluid dynamics)

Taiwan

Tajikistan

takeoff

takeoff & vertical landing aircraft, short
USE STOVL aircraft

takeoff aircraft, short
USE short takeoff aircraft

takeoff aircraft, vertical
USE vertical takeoff aircraft

takeoff and landing aircraft, water
USE water takeoff and landing aircraft

takeoff and landing, vertical
USE vertical takeoff
vertical landing

takeoff, jet assisted
USE JATO engines

takeoff runs

takeoff systems
USE aircraft launching devices

takeoff, vertical
USE vertical takeoff

takeoff-landing aircraft, vertical attitude
USE VATOL aircraft

talc

talking

Talon aircraft
USE T-38 aircraft

Talos missile

tandem mirrors

tandem rotor helicopters

tandem wing aircraft

tangents

tangling

tank geometry

tank pressurization, fuel

tank pressurization, fuel
USE fuel tank pressurization

tank trucks

tanker aircraft

tanker ships

tanker terminals

tankers

tanks (combat vehicles)

tanks (containers)

tanks, cylindrical
USE cylindrical tanks

tanks, external
USE external tanks

tanks, fuel
USE fuel tanks

tanks, propellant
USE propellant tanks

tanks, rocket propellant
USE propellant tanks

tanks, spherical
USE spherical tanks

tanks, storage
USE storage tanks

tanks, wing
USE wing tanks

tantalum

tantalum alloys

tantalum carbides

tantalum compounds

tantalum isotopes

tantalum nitrides

tantalum oxides

Tanzania

tape recorders

tape recorders, magnetic
USE tape recorders
magnetic recording

tape recorders, video
USE video tape recorders

tape transports, magnetic
USE magnetic tape transports

taper
USE tapering

tapered columns

tapered wings
USE swept wings

tapering

tapes

tapes, audio
USE audio tapes

tapes, computer compatible
USE computer compatible tapes

tapes, heat
USE heat tapes

tapes, magnetic
USE magnetic tapes

tapes, plastic
USE plastic tapes

tapes, punched
USE punched tapes

tapes, video
USE video tapes

taps

tar sands

TARE (data reduction)
USE data reduction

target acquisition

target aircraft, Jindivik
USE Jindivik target aircraft

target and background measurement, high alt
USE high alt target and background measurement

target designators, laser
USE laser target designators

target drone aircraft

target drone aircraft, Firebee 2
USE Firebee 2 target drone aircraft

target indicators, moving
USE moving target indicators

target interactions, laser
USE laser target interactions

target masking

target missile, Sandpiper
USE Sandpiper target missile

target penetration
USE terminal ballistics

target recognition

target scatter site program, radar
USE radar target scatter site program

target simulators

target thickness

target tracking
USE tracking (position)

target tracking, multiple
USE multiple target tracking

target trajectory systems, multiple
USE MATTS (systems)

targets

targets, laser
USE laser targets

targets, particle accelerator
USE particle accelerator targets

targets, radar
USE radar targets

targets, towed
USE targets
towed bodies

tars

tartar missile

task complexity

task planning (robotics)

tasks

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tasks, auditory
USE auditory tasks

tasks, visual
USE visual tasks

Tasmania

taste

TATB

Tauri stars, Lambda
USE Lambda Tauri stars

Tauri stars, T
USE T Tauri stars

Taurid meteoroids

Taurus constellation

tautomers

taxiling

taxonomy

Taylor instability

Taylor manifest anxiety scale

Taylor series

taylor theorem
USE Taylor series

Taylor-Goertler instability
USE Goertler instability

Tb
USE terbium

Tc
USE technetium

TCG (tracking)
USE transponder control group

TCV program
USE terminal configured vehicle program

TD satellites

TD-1 satellite

TDMA
USE time division multiple access

TDR satellites

TEA lasers

teachers
USE instructors

teaching
USE education

teaching machines

teams

tearing

tearing modes (plasmas)

technetium

technetium compounds

technetium fluorides

technetium isotopes

technical error, flight
USE pilot error

technical writing

technique, bubble
USE bubble technique

technique, HICAT (radar)
USE high resolution coverage antennas

technique, minimax
USE minimax technique

technique, particle in cell
USE particle in cell technique

technique, program evaluation review
USE PERT

technique, swingby
USE swingby technique

technique, vortex in cell
USE vortex in cell technique

techniques
USE methodology

techniques, computer
USE computer techniques

techniques, culture
USE culture techniques

techniques, digital
USE digital techniques

techniques, emergency breathing
USE emergency breathing techniques

techniques, forming
USE forming techniques

techniques, graphic evaluation and review
USE GERT

techniques, imaging
USE imaging techniques

techniques, incentive
USE incentive techniques

techniques, prediction analysis
USE prediction analysis techniques

technological forecasting

technologies

technology assessment

technology, bio
USE biotechnology

technology, energy
USE energy technology

technology experiments, space
USE space technology experiments

technology feasibility spacecraft

technology, geothermal
USE geothermal technology

Technology Laboratory, Advanced
USE Advanced Technology Laboratory

Technology Light Twin aircraft, Advanced
USE ATLIT project

technology, marine
USE marine technology

technology, military
USE military technology

technology, passive nosetip
USE PANT program

Technology Program, Transonic Aircraft
USE TACT program

technology, prop-fan
USE prop-fan technology

technology, reactor
USE reactor technology

technology sat, advanced communications
USE ACTS

Technology Satellite B, Earth Resources
USE Landsat 2

Technology Satellite C, Earth Resources
USE Landsat 3

Technology Satellite, Communications
USE Communications Technology Satellite

Technology Satellite D, Earth Resources
USE Landsat 4

Technology Satellite E, Earth Resources
USE Landsat 5

Technology Satellite F, Earth Resources
USE Landsat 6

Technology Satellite, Meteoroid
USE Explorer 46 satellite

Technology Satellite 1, Earth Resources
USE Landsat 1

Technology Satellites, Applications
USE ATS

Technology Satellites, Earth Resources
USE Landsat satellites

technology satellites, navigation
USE navigation technology satellites

technology transfer

technology transfer, aerospace
USE aerospace technology transfer

technology utilization

tectonic movement
USE tectonics

tectonics

(tectonics), plates
USE plates (tectonics)

TED
USE transferred electron devices

Tedlar (trademark)
USE polyvinyl fluoride

tee
USE T shape

tees, magic
USE magic tees

teetering

teeth

teeth, gear
USE gear teeth

teflon (trademark)

Tektite project

tektites

telechirics
USE remote handling

Telecomm Satellite, European Large
USE L-Sat

telecommunication

Telecommunications exp, Health-Education
USE HET experiment

teleconferencing

teleconnections (meteorology)

telegraph systems

telegraphy
USE telegraph systems

telegraphy, radio
USE radio telegraphy

telemeters
USE telemetry

telemetry

telemetry, bio
USE biotelemetry

telemetry, P.A.C.M.
USE P.A.C.M. telemetry

telemetry, PCM
USE PCM telemetry

telemetry, physiological
USE biotelemetry

telemetry, pulse frequency modulation
USE pulse frequency modulation telemetry

telemetry, radio
USE radio telemetry

teleoperator maneuvering system
USE teleoperators

teleoperators

telephones

telephones, radio
USE radiotelephones

telephony

telephotometers
USE telephotometry

telephotometry

teleprinters

telerobotics

Telesat Canada A
USE Anik 1

Telesat Canada B
USE Anik 2

Telesat Canada C
USE Anik 3

Telesat Canada 3
USE Anik 3

Telescope Facility, Space Infrared
USE Space Infrared Telescope Facility

Telescope Facility, Spacelab UV-Optical
USE Starlab

telescope, Goddard experiment package
USE particle telescopes

Telescope, Grazing Incidence Solar
USE GRIST (telescope)

(telescope), GRIST
USE GRIST (telescope)

Telescope, Hubble Space
USE Hubble Space Telescope

telescope, kilometer wave orbiting
USE kilometer wave orbiting telescope

Telescope, Large Space
USE Hubble Space Telescope

(telescope), LDR

(telescope), LDR

USE Large Deployable Reflector

(telescope), LIRTS

USE LIRTS (telescope)

telescope mount, Apollo

USE Apollo telescope mount

Telescope on Spacelab, Large Infrared

USE LIRTS (telescope)

telescope, solar optical

USE solar optical telescope

telescope, Starsat

USE Starsat telescope

telescope, stratoscope 1

USE stratoscope telescopes

telescope, stratoscope 2

USE stratoscope telescopes

telescopes

telescopes, astronomical

USE telescopes

telescopes, circumsolar

USE circumsolar telescopes

telescopes, diffraction

USE spectroscopic telescopes

telescopes, electron

USE particle telescopes

telescopes, gamma ray

USE gamma ray telescopes

telescopes, GEP

USE particle telescopes

telescopes, grazing incidence

USE grazing incidence telescopes

telescopes, infrared

USE infrared telescopes

telescopes, manned orbital

USE manned orbital telescopes

telescopes), MOT (orbital

USE manned orbital telescopes

telescopes, multispectral tracking

USE multispectral tracking telescopes

telescopes, particle

USE particle telescopes

telescopes, proton

USE particle telescopes

telescopes, radio

USE radio telescopes

telescopes, reflecting

USE reflecting telescopes

telescopes, refracting

USE refracting telescopes

telescopes, Schmidt

USE Schmidt telescopes

telescopes, spaceborne

USE spaceborne telescopes

telescopes, spectroscopic

USE spectroscopic telescopes

telescopes, stratoscope

USE stratoscope telescopes

telescopes, ultraviolet

USE ultraviolet telescopes

telescopes, X ray

USE X ray telescopes

telescoping structures

USE folding structures

teletypewriter systems

teletypewriters

television, cable

USE cable television

television cameras

television, closed circuit

USE closed circuit television

television, color

USE color television

television, digital

USE digital television

television, digital spacecraft

USE digital spacecraft television

television, educational

USE educational television

television equipment

television, high definition

USE high definition television

television receivers

television reception

television, satellite

USE satellite television

television, spacecraft

USE spacecraft television

television, stereo

USE stereotelevision

television system, pilot landing aid

USE PLAT system

television system, Ranger block 3

USE Ranger block 3 television system

television systems

television transmission

Tellegen theory

USE gyrators
network synthesis
network analysis

Teller effect, Jahn-

USE Jahn-Teller effect

telluric currents

telluric lines

tellurides

tellurides, bismuth

USE bismuth tellurides

tellurides, cadmium

USE cadmium tellurides

tellurides, cadmium mercury

USE mercury cadmium tellurides

tellurides, indium

USE indium tellurides

tellurides, lanthanum

USE lanthanum tellurides

tellurides, lead

USE lead tellurides

tellurides, mercury

USE mercury tellurides

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tellurides, mercury cadmium

USE mercury cadmium tellurides

tellurides, tin

USE tin tellurides

tellurides, zinc

USE zinc tellurides

tellurium

tellurium alloys

tellurium compounds

tellurium isotopes

tellurium 119

USE tellurium isotopes

tellurometers

Telstar project

telstar satellites

telstar 1 satellite

telstar 2 satellite

TEM (microscopy)

USE transmission electron microscopy

Temco-Vought aircraft, Ling-

USE Ling-Temco-Vought aircraft

Tempel 2 comet

temper (metallurgy)

temperate regions

temperature

temperature air, high

USE high temperature air

temperature alloys, high

USE heat resistant alloys

temperature, ambient

USE ambient temperature

temperature, atmospheric

USE atmospheric temperature

temperature, auroral

USE auroral temperature

temperature (biology), skin

USE skin temperature (biology)

temperature, body

USE body temperature

temperature brazing, low

USE low temperature brazing

temperature, brightness

USE brightness temperature

temperature, combustion

USE combustion temperature

temperature compensation

temperature control

temperature, critical

USE critical temperature

temperature, cryogenic

USE cryogenic temperature

temperature, Curie

USE Curie temperature

temperature, Debye

USE specific heat

temperature dependence

temperature differences

USE temperature gradients

temperature distribution**temperature effects****temperature, electron**

USE electron energy

temperature, environmental

USE ambient temperature

temperature environments, high

USE high temperature environments

temperature environments, low

USE low temperature environments

temperature fatigue, high

USE thermal fatigue

temperature fields

USE temperature distribution

temperature, flame

USE flame temperature

temperature fluids, high

USE high temperature fluids

temperature, gas

USE gas temperature

temperature gas cooled reactors, high

USE high temperature gas cooled reactors

temperature gases, high

USE high temperature gases

temperature, geo

USE geotemperature

temperature, glass transition

USE glass transition temperature

temperature gradients**temperature, high**

USE high temperature

temperature, ignition

USE ignition temperature

temperature indicatorsUSE temperature measuring instruments
indicating instruments**temperature, inlet**

USE inlet temperature

temperature instruments

USE temperature measuring instruments

temperature, international practical

USE temperature scales

temperature inversions**temperature, ion**

USE ion temperature

temperature, ionospheric

USE ionospheric temperature

temperature, land surface

USE land surface temperature

temperature, low

USE low temperature

temperature lubricants, high

USE high temperature lubricants

temperature, lunar

USE lunar temperature

temperature materials, high

USE refractory materials

temperature measurement**temperature measuring instruments****temperature, neel**

USE neel temperature

temperature, noise

USE noise temperature

temperature (non-biological), body

USE temperature

temperature (non-biological), skin

USE skin temperature (non-biological)

temperature nuclear reactors, high

USE high temperature nuclear reactors

temperature, ocean

USE ocean temperature

temperature, operating

USE operating temperature

temperature parameter, time

USE time temperature parameter

temperature physics, low

USE low temperature physics

temperature, planetary

USE planetary temperature

temperature, plasma

USE plasma temperature

temperature plasmas, high

USE high temperature plasmas

temperature plasmas, low

USE cold plasmas

temperature probes**temperature profiles****temperature propellants, high**

USE high temperature propellants

temperature ratio**temperature regulation, body**

USE thermoregulation

temperature research, high

USE high temperature research

temperature, room

USE room temperature

temperature, satellite

USE satellite temperature

temperature scale, fahrenheit

USE temperature scales

temperature scales**temperature, sea surface**

USE sea surface temperature

temperature sensors**temperature, solar**

USE solar temperature

temperature, space

USE space temperature

temperature, spacecraft

USE spacecraft temperature

temperature, spin

USE spin temperature

temperature, stagnation

USE stagnation temperature

temperature, stellar

USE stellar temperature

temperature, subzero

USE subzero temperature

temperature superconductors, high

USE high temperature superconductors

temperature, surface

USE surface temperature

temperature tests, high

USE high temperature tests

temperature tests, low

USE low temperature tests

temperature, transition

USE transition temperature

temperature, ultralow

USE cryogenic temperature

temperature, wall

USE wall temperature

temperature, water

USE water temperature

temperature zones, anomalous

USE anomalous temperature zones

tempering**templates****temporal distribution****temporal resolution****tended free flyers, man**

USE man tended free flyers

tendencies**tendons****tenite****Tenma satellite****tennessee****Tennessee Valley (AL-KY-TN)****tensile creep****tensile deformation****tensile properties****tensile strength****tensile stress****tensile tests****tensimeters****tension****tension, carbon dioxide**

USE carbon dioxide tension

tension, hyper

USE hypertension

tension, hypo

USE hypotension

tension, interfacial

USE interfacial tension

tension, oxygen

USE oxygen tension

tension, surface

USE interfacial tension

tensometers**tensor analysis**

tensor fields

tensor fields

USE tensors

tensors

tensors, stress

USE stress tensors

tensors, transformation

USE tensors

tephigrams

terbium

terbium compounds

terbium isotopes

terbium 155

USE terbium isotopes

terbium 161

USE terbium isotopes

TERCOM

terephthalate

terephthalate, polyethylene

USE polyethylene terephthalate

term effects, long

USE long term effects

Term Zonal Earth Energy Experiment, Long

USE LZEEBE satellite

terminal area energy management

terminal ballistics

terminal configured vehicle program

terminal facilities

terminal guidance

terminal measurement system, Earth

USE Earth terminal measurement system

terminal system, automated radar

USE automated radar terminal system

terminal velocity

terminals

terminals, data processing

USE data processing terminals

terminals, deepwater

USE deepwater terminals

terminals, Earth

USE Earth terminals

terminals, electric

USE electric terminals

terminals, ship

USE ship terminals

terminals, tanker

USE tanker terminals

terminals, very small aperture

USE VSAT (network)

terminating

USE stopping

termination, thrust

USE thrust termination

terminator lines

terminology

terms

ternary alloys

ternary systems

ternary systems (digital)

USE digital systems

terpenes

terphenyls

terraces (landforms)

terradynamics

terraforming

terrain

terrain analysis

terrain contour matching navigation system

USE TERCOM

terrain following aircraft

Terrestr Applic Payloads, Office of Space &

USE OSTA-3 payload
OSTA-2 payload
OSTA-1 payload

terrestrial dust belt

terrestrial interactions, solar

USE solar terrestrial interactions

terrestrial magnetism

USE geomagnetism

terrestrial planets

terrestrial radiation

terrier missile

Territories, Northwest

USE Northwest Territories

Territory, Yukon

USE Yukon Territory

Tertiary boundary, Cretaceous-

USE Cretaceous-Tertiary boundary

Tertiary Period

tesseral harmonics

test apparatus, free flight

USE free flight test apparatus

test apparatus, hypersonic

USE hypersonic test apparatus

test apparatus, supersonic

USE supersonic test apparatus

test beds

USE test stands

test, body sway

USE body sway test

test, Bruceton

USE statistical tests

test, carboxyhemoglobin

USE carboxyhemoglobin test

test chambers

test, Charpy impact

USE Charpy impact test

Test, Drones for Aerodynamic and Struct

USE DAST program

test, ear pressure

USE ear pressure test

test equipment

NASA THESAURUS VOLUME 2

test equipment, automatic

USE automatic test equipment

test facilities

test facilities, rocket

USE rocket test facilities

Test Facility, Transient Reactor

USE Transient Reactor Test Facility

(test facility), TREAT

USE Transient Reactor Test Facility

test firing

test instruments, flight

USE flight test instruments

test, Kolmogorov-Smirnov

USE Kolmogorov-Smirnov test

test loops, corrosion

USE corrosion test loops

test, Mann-Whitney-Wilcoxon U

USE Mann-Whitney-Wilcoxon U test

test pattern generators

test pilots

test program, reactor in flight

USE RIFT (reactor in flight test)

test project, Apollo Soyuz

USE Apollo Soyuz test project

test ranges

test reactor, plutonium recycle

USE plutonium recycle test reactor

test reactors, advanced

USE advanced test reactors

test reactors, engineering

USE engineering test reactors

test reactors, fast

USE fast test reactors

test reactors, heavy water components

USE heavy water components test reactors

test reactors, nuclear

USE nuclear research and test reactors

test reactors, nuclear research and

USE nuclear research and test reactors

test), RIFT (reactor in flight

USE RIFT (reactor in flight test)

test, Ronchi

USE Ronchi test

Test Satellite (ESA), Orbital

USE OTS (ESA)

Test Satellite, Maritime Orbital

USE Marots (ESA)

Test Site, Arizona Regional Ecological

USE Arizona Regional Ecological Test Site

(test site), CARETS

USE Central Atlantic Regional Ecol Test Site

Test Site, Central Atlantic Regional Ecol

USE Central Atlantic Regional Ecol Test Site

test stands

test tunnels, hydraulic

USE hydraulic test tunnels

test vehicles

test vehicles, flight

USE flight test vehicles

test, Weber

USE Weber test

Test 1 (shuttle), Orbital Flight

USE Space Transportation System 1 flight

test 1, space shuttle orbital flight

USE Space Transportation System 1 flight

Test 2 (shuttle), Orbital Flight

USE Space Transportation System 2 flight

test 2, space shuttle orbital flight

USE Space Transportation System 2 flight

Test 3 (shuttle), Orbital Flight

USE Space Transportation System 3 flight

test 3, space shuttle orbital flight

USE Space Transportation System 3 flight

Test 4 (shuttle), Orbital Flight

USE Space Transportation System 4 flight

test 4, space shuttle orbital flight

USE Space Transportation System 4 flight

testers

USE test equipment

testers, compression

USE compression tests

testers, Fokker bond

USE adhesion tests

testes**testing**

USE tests

testing laboratories, engine

USE engine testing laboratories

testing machines

USE test equipment

testing machines, fatigue

USE fatigue testing machines

testing machines, impact

USE impact testing machines

testing machines, load

USE load testing machines

testing machines, vibration

USE vibration simulators

testing reactor, physical constantsUSE water cooled reactors
nuclear research and test reactors**testing reactors, materials**

USE nuclear research and test reactors

testing, resonance

USE resonance testing

testing time**tests****tests, accelerated life**

USE accelerated life tests

tests, adhesion

USE adhesion tests

tests, altitude

USE altitude tests

tests, bend

USE bend tests

tests, burst

USE burst tests

tests, captive

USE captive tests

tests, chemical

USE chemical tests

tests, cold flow

USE cold flow tests

tests, cold weather

USE cold weather tests

tests, compression

USE compression tests

tests, corrosion

USE corrosion tests

tests, creep

USE creep tests

tests, damping

USE damping tests

tests, destructive

USE destructive tests

tests, drop

USE drop tests

tests, drop weight

USE drop tests

tests, dynamic

USE dynamic tests

tests, electric equipment

USE electric equipment tests

tests, electronic equipment

USE electronic equipment tests

tests, engine

USE engine tests

tests, environmental

USE environmental tests

tests, fatigue

USE fatigue tests

tests, flight

USE flight tests

tests, flight stability

USE flight stability tests

tests, fuel

USE fuel tests

tests, full scale

USE full scale tests

tests, ground

USE ground tests

tests, hardness

USE hardness tests

tests, heat

USE high temperature tests

tests, high altitude

USE high altitude tests

tests, high temperature

USE high temperature tests

tests, impact

USE impact tests

tests, intelligence

USE intelligence tests

tests, load

USE load tests

tests, low temperature

USE low temperature tests

tests, lubricant

USE lubricant tests

tests, materials

USE materials tests

tests, meteorite compressionUSE meteorites
mechanical properties
compression tests**tests, missile**

USE missile tests

tests, nondestructive

USE nondestructive tests

tests, notch

USE notch tests

tests, orbital space

USE orbital space tests

tests, patch

USE patch tests

tests, performance

USE performance tests

tests, personality

USE personality tests

tests, physiological

USE physiological tests

tests, prefiring

USE prefiring tests

tests, prelaunch

USE prelaunch tests

tests, propellant

USE propellant tests

tests, psychological

USE psychological tests

tests, railroad humping

USE railroad humping tests

tests, rank

USE rank tests

tests, reactor startup

USE reactor startup tests

tests, Rorschach

USE Rorschach tests

tests, salt spray

USE salt spray tests

tests, self

USE self tests

tests), SERT (rocket

USE space electric rocket tests

tests, shock

USE shock tests

tests (shuttle), orbital flight

USE Space Transportation System flights

tests, Snellen

USE Snellen tests

tests, space electric rocket

USE space electric rocket tests

tests, space shuttle orbital flight

USE Space Transportation System flights

tests, spacecraft prelaunch

USE space vehicle checkout program

tests, spin

USE spin tests

tests, stability

USE stability tests

tests, static

USE static tests

tests, statistical

tests, statistical

USE statistical tests

tests, stroking

USE stroking tests

tests (STS), approach and landing

USE approach and landing tests (STS)

tests, tensile

USE tensile tests

tests, thermal cycling

USE thermal cycling tests

tests, thermal vacuum

USE thermal vacuum tests

tests, ultrasonic

USE ultrasonic tests

tests, underwater

USE underwater tests

tests, vacuum

USE vacuum tests

tests, vestibular

USE vestibular tests

tests, vibration

USE vibration tests

tests, water tunnel

USE water tunnel tests

tests, wear

USE wear tests

tests, weld

USE weld tests

tests, whirling

USE spin tests

tests, wind tunnel

USE wind tunnel tests

tests, wind tunnel stability

USE wind tunnel stability tests

tests, wing flow method

USE wing flow method tests

tethered balloons

tethered satellites

tethering

tetherlines

Tethys

tetrabutyls

tetrachloride, carbon

USE carbon tetrachloride

tetrachloride poisoning, carbon

USE carbon tetrachloride poisoning

tetrachloride, silicon

USE silicon tetrachloride

tetrachlorides

tetrachloromethane

USE carbon tetrachloride

tetracyclines

tetrad theory

tetraethyl orthocarbonates

tetraethyl orthosilicate

tetrafluoride, carbon

USE carbon tetrafluoride

tetrafluorohydrazine

tetragons

tetrahedrons

tetrahydrofuran

tetranitramine, cyclotetramethylene

USE HMX

tetranitramine, polybutadiene

USE polybutadiene tetranitramine

tetranitrate, pentaerythritol

USE PETN

tetranitrotetrazacyclooctane

USE HMX

tetraphenyls

tetrazoles

tetrodes

tetroons

USE superpressure balloons

tetroxide, nitrogen

USE nitrogen tetroxide

tetryl

texas

Texoma (OK-TX), Lake

USE Lake Texoma (OK-TX)

textbooks

textiles

texts

textures

TF-30 engine

TF-34 engine

TF-41 engine

TFX aircraft

USE F-111 aircraft

Th

USE thorium

TH-55 helicopter

Thailand

thalamus

thalamus, hypo

USE hypothalamus

thallium

thallium alloys

thallium compounds

thallium isotopes

thawing

USE melting

the-earth navigation, nap-of-

USE nap-of-the-earth navigation

the-horizon radar, over-

USE over-the-horizon radar

thematic mappers (LANDSAT)

thematic mapping

Themis project

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theodolites

theodolites, cine

USE cinetheodolites

Theodorsen transformation

theorem, addition

USE addition theorem

theorem, Bayes

USE Bayes theorem

theorem, Bernoulli

USE Bernoulli theorem

theorem, binomial

USE binomial theorem

theorem, Castigliano variational

USE Castigliano variational theorem

theorem, duality

USE duality theorem

theorem, equipartition

USE equipartition theorem

theorem, Floquet

USE Floquet theorem

theorem, Gauss-Markov

USE Gauss-Markov theorem

theorem, Green

USE Green's functions

theorem, Hellmann-Feynman

USE Hellmann-Feynman theorem

theorem, Kakutani

USE Kakutani theorem

theorem, Lebesgue

USE Lebesgue theorem

theorem, Liouville

USE Liouville theorem

theorem, Michell

USE Michell theorem

theorem, Nernst heat

USE Nernst-Ettingshausen effect

theorem, Pomeranchuk

USE Pomeranchuk theorem

theorem, poynting

USE poynting theorem

theorem proving

theorem, reciprocity

USE reciprocity theorem

theorem, Richards

USE Richards theorem

theorem, Riesz

USE Riesz theorem

theorem, Schauder fixpoint

USE Schauder fixpoint theorem

theorem, similarity

USE similarity theorem

theorem, Taylor

USE Taylor series

theorem, uniqueness

USE uniqueness theorem

theorem (vector calculus), Stokes

USE Stokes theorem (vector calculus)

theorem, virial

USE virial theorem

theorems

theorems, existence
USE existence theorems

theorems, reciprocal
USE reciprocal theorems

theoretical physics

theories

theories, bimetric
USE bimetric theories

theorem, Green's
USE Green's functions

theory, Abrikosov
USE Abrikosov theory

theory (algebra), field
USE field theory (algebra)

theory, atomic
USE atomic theory

theory, automata
USE automata theory

theory, Bardeen-Cooper-Schrieffer
USE BCS theory

theory, BCS
USE BCS theory

theory, Bellman
USE Bellman theory

theory, bending
USE bending theory

theory, Bessel-Bredichin
USE Bessel-Bredichin theory

theory, Bogoliubov
USE Bogoliubov theory

theory, Bohr
USE Bohr theory

theory, Born-Infeld
USE Born-Infeld theory

theory, catastrophe
USE catastrophe theory

theory, Chapman-Enskog
USE Chapman-Enskog theory

theory, communication
USE communication theory

theory, control
USE control theory

theory, Crocco-Lee
USE Crocco-Lee theory

theory, crystal field
USE crystal field theory

theory, Debye-Huckel
USE Debye-Huckel theory

theory, decision
USE decision theory

theory, diffusion
USE diffusion theory

theory, disturbance
USE perturbation theory

theory, dynamo
USE dynamo theory

theory, Dyson
USE Dyson theory

theory, Enskog-Chapman
USE Chapman-Enskog theory

theory, Eyring
USE Eyring theory

theory, field mode
USE field mode theory

theory, finite difference
USE finite difference theory

theory, flow
USE flow theory

theory, fluctuation
USE fluctuation theory

theory, Foster
USE Foster theory

theory, game
USE game theory

theory, gauge
USE gauge theory

theory, Gestalt
USE Gestalt theory

theory, Glauber
USE Glauber theory

theory, goal
USE goal theory

theory, grand unified
USE grand unified theory

theory, graph
USE graph theory

theory, gravitation
USE gravitation theory

theory, group
USE group theory

theory, Gumbel
USE range (extremes)

theory, Hansen lunar
USE Hansen lunar theory

theory, Heisenberg
USE Heisenberg theory

theory, Hill lunar
USE Hill lunar theory

theory, homotopy
USE homotopy theory

theory, Hueckel
USE Hueckel theory

theory, information
USE information theory

theory, Jeans
USE Jeans theory

theory, kinetic
USE kinetic theory

theory, Kolmogorov
USE Kolmogorov theory

theory, learning
USE learning theory

theory, Malkus
USE Malkus theory

theory, Manning
USE Manning theory

theory, many particle
USE many body problem

theory, matrix
USE matrix theory

theory, measure
USE measure and integration

theory, membrane
USE structural analysis

theory, Michaelis
USE Michaelis theory

theory, Mie
USE Mie scattering

theory, Milankovitch
USE climatology

theory, mixing length flow
USE mixing length flow theory

theory, molecular
USE molecular theory

theory, momentum
USE momentum theory

Theory, Newton
USE Newton Theory

theory, nonadiabatic
USE nonadiabatic theory

theory, number
USE number theory

theory of diffraction, geometrical
USE geometrical theory of diffraction

theory, Opik
USE Opik theory

theory, orthogonal multiplexing
USE orthogonal multiplexing theory

theory, particle
USE particle theory

theory, perturbation
USE perturbation theory

theory (physics), field
USE field theory (physics)

theory, piston
USE piston theory

theory, plasma
USE plasma physics

theory, plate
USE plate theory

theory, population
USE population theory

theory, potential
USE potential theory

theory, probability
USE probability theory

theory, quantum
USE quantum theory

theory, queueing
USE queueing theory

theory, Reissner
USE Reissner theory

theory, relativistic
USE relativistic theory

theory, S matrix
USE S matrix theory

theory, saddle points (game)
USE saddle points (game theory)

theory, set
USE set theory

theory, Shannon information

theory, Shannon information
USE information theory

theory, shell
USE shell theory

theory, spectral
USE spectral theory

theory, squeezed states (quantum)
USE squeezed states (quantum theory)

theory, statistical communication
USE communication theory

theory, statistical decision
USE statistical decision theory

theory, string
USE string theory

theory, strong interactions (field)
USE strong interactions (field theory)

theory, Sturm-Liouville
USE Sturm-Liouville theory

theory, superstring
USE string theory

theory, switching
USE switching theory

theory, Tellegen
USE gyrators
network synthesis
network analysis

theory, tetrad
USE tetrad theory

theory, Thomas-Fermi
USE Thomas-Fermi model

theory, transport
USE transport theory

theory, unified field
USE unified field theory

theory, vinti
USE vinti theory

theory, von Mises
USE stress functions

theory, weak interactions (field)
USE weak interactions (field theory)

theory, Wightman
USE field theory (physics)
relativistic theory
quantum theory

theory, Yang-Mills
USE Yang-Mills theory

theory, Young-Helmholtz
USE Young-Helmholtz theory

therapy

therapy, chemo
USE chemotherapy

therapy, drug
USE chemotherapy

therapy, psycho
USE psychotherapy

therapy, radiation
USE radiation therapy

thermal absorption

thermal accommodation coefficients
USE accommodation coefficient

thermal agitation
USE thermal energy

thermal analysis

thermal analysis, differential
USE thermal analysis

thermal barriers (plasma control)

thermal batteries

thermal blooming

thermal boundary layer

thermal buckling

thermal comfort

thermal conductivity

thermal conductivity gages

thermal conductors

thermal control coatings

thermal convection
USE free convection

thermal currents
USE convective flow

thermal cycling tests

thermal decomposition

thermal defocusing
USE thermal blooming

thermal degradation

thermal diffusion

thermal diffusivity

thermal dissociation

thermal effects
USE temperature effects

thermal efficiency
USE thermodynamic efficiency

thermal electric power plants, solar
USE solar thermal electric power plants

thermal emission

thermal energy

thermal energy conversion, ocean
USE ocean thermal energy conversion

thermal energy storage
USE heat storage

thermal environments

thermal expansion

thermal fatigue

thermal gravimetry
USE thermogravimetry

thermal instability

thermal insulation

thermal mapping

thermal neutrons

thermal noise

thermal plasmas

thermal pollution

thermal power
USE turbogenerators

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thermal properties
USE thermodynamic properties

thermal propulsion, solar
USE solar thermal propulsion

thermal protection

thermal radiation

thermal reactors

thermal resistance

thermal resources

thermal shielding
USE heat shielding

thermal shock

thermal simulation

thermal sinks
USE heat sinks

thermal stability

thermal stresses

thermal vacuum tests

thermalization (energy absorption)

thermalization, neutron
USE neutron thermalization

thermions

thermionic cathodes

thermionic conversion systems
USE thermionic power generation

thermionic converters

thermionic diodes

thermionic emission

thermionic emitters

thermionic power generation

thermionic reactors
USE nuclear rocket engines
ion engines

thermionics

thermistors

thermites

thermobalances

thermochemical properties

thermochemistry

thermochemistry, aero
USE aerothermochemistry

thermochromatic materials

thermoclines

thermocouple pyrometers

thermocouples

thermodynamic coupling

thermodynamic cycles

thermodynamic efficiency

thermodynamic equilibrium

thermodynamic equilibrium, local
USE local thermodynamic equilibrium

thermodynamic properties

thermodynamics

thermodynamics, aero
USE aerothermodynamics

thermodynamics, nonequilibrium
USE nonequilibrium thermodynamics

thermoelasticity

thermoelasticity, aero
USE aerothermoelasticity

thermoelectric conversion systems
USE thermoelectric power generation

thermoelectric cooling

thermoelectric generators

thermoelectric materials

thermoelectric outer planet spacecraft
USE TOPS (spacecraft)

thermoelectric power generation

thermoelectric spacecraft
USE TOPS (spacecraft)

thermoelectricity

thermoelement ammeters

thermograms
USE temperature measuring instruments
recording instruments

thermography

thermogravimetry

thermohydraulics

thermoluminescence

thermomagnadynamics
USE thermomagnetic effects

thermomagnetic cooling

thermomagnetic effects

thermomagnetism
USE thermomagnetic effects

thermomechanical treatment

thermomechanics
USE thermodynamics

thermometers

thermometers, resistance
USE resistance thermometers

thermometry
USE temperature measurement

thermomigration

thermonuclear energy
USE thermonuclear power generation

thermonuclear explosions

thermonuclear power generation

thermonuclear propulsion
USE nuclear propulsion

thermonuclear reactions

thermonuclear reactor, Astron
USE Astron thermonuclear reactor

thermonuclear reactor, zeta
USE zeta thermonuclear reactor

thermophiles

thermophilic plants

thermophoresis

thermophysical properties

thermophysics
USE thermodynamics

thermopiles

thermoplastic films

thermoplastic resins

thermoplasticity

thermoreceptors

thermoregulation

thermosetting resins

thermosiphons

thermosphere

thermostability
USE thermal stability

thermostats

thermotropism
USE temperature effects
anisotropy

thermoviscoelasticity

therms, iso
USE isotherms

thesauri

theses

theta pinch

thiamine

thiazine (trademark)

thiazines, pheno
USE phenothiazines

thick films

thick plates

thick walls

thickeners

thickeners (equipment)

thickeners (materials)

thickness

thickness, airfoil
USE airfoil profiles

thickness, film
USE film thickness

thickness, optical
USE optical thickness

thickness ratio

thickness, target
USE target thickness

thigh

thin airfoils

thin bodies

thin films

thin layer chromatography

thin plates

thin walled shells

thin walls

thin wings

thinners
USE solvents

thiols

thioplastics

thioureas

thiuronium

thixotropic propellants
USE gelled rocket propellants

thixotropy

Thomas-Fermi model

Thomas-Fermi theory
USE Thomas-Fermi model

Thomson effect
USE thermoelectricity

Thomson effect, Joule-
USE Joule-Thomson effect

Thomson method, Milne-
USE Milne-Thomson method

Thomson scattering

Thor Able rocket vehicle

Thor Agena launch vehicle

Thor Delta launch vehicle

Thor launch vehicles

Thorad launch vehicles

thorax

thorax, pneumo
USE pneumothorax

thorium

thorium alloys

thorium compounds

thorium fluorides

thorium isotopes

thorium oxides

thorium 228
USE thorium isotopes

thorium 230
USE thorium isotopes

thorium 234
USE thorium isotopes

thoron
USE radon isotopes

threads

threat evaluation

three axis stabilization

three body problem

three body problem

three dimensional bodies

three dimensional boundary layer

three dimensional composites

three dimensional flow

three dimensional models

three dimensional motion

threshold currents

threshold, damage
USE yield point

threshold detectors (dosimeters)

threshold gates

threshold logic

threshold, noise
USE noise threshold

threshold shift
USE thresholds

threshold voltage

thresholds

thresholds (perception)

throats

thrombin

thrombocytes

thrombopenia

thromboplastin

thrombosis

throttling

throwing

thrust

thrust augmentation

thrust bearings

thrust chamber pressure

thrust chambers

thrust coefficients, nozzle
USE nozzle thrust coefficients

thrust control

thrust distribution

thrust faults
USE geological faults

thrust, high
USE high thrust

thrust, jet
USE jet thrust

thrust, leading edge
USE leading edge thrust

thrust loads

thrust, low
USE low thrust

thrust measurement

thrust, micro
USE microthrust

thrust nozzles, dual
USE dual thrust nozzles

thrust power
USE thrust

thrust programming

thrust programming, optimum
USE thrust programming

thrust propulsion, low
USE low thrust propulsion

thrust, retro
USE retrothrust

thrust reversal

thrust, rocket
USE rocket thrust

thrust, static
USE static thrust

thrust termination

thrust, variable
USE variable thrust

thrust vector control

thrust-weight ratio

thrustor engines, radio frequency ion
USE RIT engines

thrusters

thulium

thulium compounds

thulium isotopes

thulium 171
USE thulium isotopes

Thunderchief aircraft
USE F-105 aircraft

thunderstorms

thymidine

thymine

thymol

thymus gland

thyatron

thyristors

thyroid gland

thyroxine

Ti
USE titanium

Tibet

tibia

TID
USE traveling ionospheric disturbances

tidal flats

tidal oscillation
USE tides

tidal waves

tide powered generators

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tide powered machines

tide, red
USE red tide

tidepower

tides

tides, atmospheric
USE atmospheric tides

tides, Earth
USE Earth tides

tides, lunar
USE lunar tides

tiebolts

TIG welding
USE gas tungsten arc welding

tightness

tiles

tilt
USE attitude (inclination)

tilt, head down
USE head down tilt

tilt rotor aircraft

tilt rotor research aircraft program

tilt wing aircraft

tilted propellers

tilting
USE attitude (inclination)

tilting rotors

tiltmeters

tilts, ionospheric
USE ionospheric tilts

timber identification

timber inventory

timber vigor

timberline

time

time, access
USE access time

time between failures, mean
USE MTBF

time, burning
USE burning time

time (computers), response
USE response time (computers)

time (computers), run
USE run time (computers)

time constant

time constant, perceptual
USE perceptual time constant

time continuum, space-
USE relativity

time delay
USE time lag

time dependence

time devices, controlled avalanche transit
USE CATT devices

time diodes, barrier injection transit
USE Barritt diodes

time discrimination

time division multiple access

time division multiplexing

time, down
USE downtime

time, ephemeris
USE ephemeris time

time, firing
USE burning time

time, flight
USE flight time

time functions

time functions, space-
USE space-time functions

time lag

time lapse photography
USE chronophotography

time, launch
USE launch windows

time marching

time measurement

time measuring instruments

time metric, space-
USE space-time functions

time modulation, pulse
USE pulse time modulation

time of flight spectrometers

time operation, real
USE real time operation

time optimal control

time), rates (per
USE rates (per time)

time, reaction
USE reaction time

time relations, stress-strain-
USE stress-strain-time relations

time, relaxation
USE relaxation time

time response

time, reverse
USE reaction time

time series analysis

time sharing

time, sidereal
USE sidereal time

time signals

time temperature parameter

time, testing
USE testing time

time, transit
USE transit time

time, universal
USE universal time

timers
USE timing devices

timing
USE time measurement

timing devices

timing Explorer, x ray
USE x ray timing Explorer

Timoshenko beams

tin

tin alloys

tin compounds

tin compounds, organic
USE organic tin compounds

tin isotopes

tin oxides

tin tellurides

tin-oxide semiconductors, indium-
USE ITO (semiconductors)

tip driven rotors

tip speed

tip vanes

tip vortices, wing
USE wing tip vortices

tips

tips, blade
USE blade tips

tips, crack
USE crack tips

tips, nose
USE nose tips

tips, wing
USE wing tips

tires

tires, aircraft
USE aircraft tires

TIROS D satellite
USE TIROS 4 satellite

TIROS E satellite
USE TIROS 5 satellite

TIROS F satellite
USE TIROS 6 satellite

TIROS G satellite
USE TIROS 7 satellite

TIROS H satellite
USE TIROS 8 satellite

TIROS M

Tiros N series satellites

TIROS operational satellite system

TIROS Operational Satellites, Improved
USE ITOS satellites

TIROS project

TIROS satellites

TIROS wheel satellite
USE TIROS 9 satellite

TIROS 1 satellite

TIROS 2 satellite

TIROS 3 satellite

TIROS 4 satellite

TIROS 5 satellite

TIROS 6 satellite

TIROS 7 satellite

TIROS 8 satellite

TIROS 9 satellite

TIROS 10 satellite

tissue, connective
USE connective tissue

tissues, adipose
USE adipose tissues

tissues (biology)

tissues, plantar
USE plantar tissues

Titan

Titan Centaur launch vehicle

titan ICBM

titan launch vehicles

Titan project

titan 1 ICBM

Titan 2 ICBM

titan 3 launch vehicle

Titan 4 launch vehicle

titanates

titanates, barium
USE barium titanates

titanates, lead
USE lead titanates

titanates, lead zirconate
USE lead zirconate titanates

titanates, magnesium
USE magnesium titanates

titanates, strontium
USE strontium titanates

titanates, zirconium
USE zirconium titanates

Titania

titanium

titanium alloys

titanium borides

titanium carbides

titanium chlorides

titanium compounds

titanium dioxide
USE titanium oxides

titanium isotopes

titanium nitrides

titanium oxides

(title), position

(title), position
USE position (title)

titration

titrimeters

Tl
USE thallium

Tm
USE thulium

TN
USE Tennessee

TN), Great Smoky Mountains (NC-
USE Great Smoky Mountains (NC-TN)

TN), Tennessee Valley (AL-KY-
USE Tennessee Valley (AL-KY-TN)

TNT (trinitrotoluene)
USE trinitrotoluene

to-air missiles, ground-
USE surface to air missiles

to-End Data System, NASA End-
USE needs (data system)

to-end data systems, end-
USE end-to-end data systems

to-satellite tracking, satellite-
USE satellite-to-satellite tracking

tobacco

Tobago, Trinidad and
USE Trinidad and Tobago

tocopherol

Togo

toilets

tokamak devices

tolerance, acceleration
USE acceleration tolerance

tolerance, altitude
USE altitude tolerance

tolerance, cold
USE cold tolerance

tolerance, fault
USE fault tolerance

tolerance, heat
USE heat tolerance

tolerance, noise
USE noise tolerance

tolerance, orthostatic
USE orthostatic tolerance

tolerance, radiation
USE radiation tolerance

tolerances, human
USE human tolerances

tolerances, impact
USE impact tolerances

tolerances (mechanics)

tolerances (physiology)

Tollmien-Schlichting waves

toluene

toluene, trinitro
USE trinitrotoluene

Tomahawk missiles

Tomahawk rocket vehicle, Nike-
USE Nike-Tomahawk rocket vehicle

tomatoes

tombolos
USE bars (landforms)

tomography

tomography, computer aided
USE computer aided tomography

TOMS
USE Total Ozone Mapping Spectrometer

tone
USE pitch

tones, aeolian
USE aeolian tones

tongue

Tonk meteorite

tonometry
USE intraocular pressure
pressure measurement

tonus
USE muscular tonus

tonus, muscular
USE muscular tonus

tooling

tools

(tools), files
USE files (tools)

tools, machine
USE machine tools

tools, software
USE software tools

tools, space
USE space tools

tooth diseases

TOPEX

(topographic features), bays
USE bays (topographic features)

(topographic features), sounds
USE sounds (topographic features)

topography

(topography), depressions
USE structural basins

(topography), inlets
USE inlets (topography)

topography, lunar
USE lunar topography

topography, Stoss-and-Lee
USE glacial drift

topology

topping cycle engines

TOPS (spacecraft)

torches

torches, plasma
USE plasma torches

Tornado aircraft
USE MRCA aircraft

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tornadoes

Toro asteroid

toroidal discharge

toroidal plasmas

toroidal shells

toroidal wheels

toroids

torpedo engines

torpedoes

(torpedoes), RETORC
USE torpedoes

torque

torque converters

torque measuring apparatus
USE torquemeters

torque motors

torque sensors (nonrobotics)
USE torquemeters

torque sensors (robotics)

torquemeters

torquers

Torres Strait

torsion

torsional stress

torsional vibration

torso

Torus, Joint European
USE Joint European Torus

toruses

toruses, bumpy
USE bumpy toruses

tory 2 reactor

Tory 2-A reactor

tory 2-C reactor

TOS-A
USE ESSA 3 satellite

total energy systems

total energy systems, solar
USE solar total energy systems

Total Ozone Mapping Spectrometer

total quality management

total variation diminishing schemes
USE TVD schemes

touch

touchdown

toughness

toughness, fracture
USE fracture strength

tourmaline

Tournesole satellite
USE D-2 satellites

tourniquets

Tours, Grand
USE Grand Tours

tow missiles

towed bodies

towed targets
USE towed bodies
targets

tower shielding reactor 2

towers

towers, airport
USE airport towers

towers, drop
USE drop towers

towers, umbilical
USE umbilical towers

towers, whirl
USE whirl towers

towing

Townsend avalanche

Townsend discharge

townsend surfaces
USE Townsend avalanche

toxic diseases

toxic hazards

toxicity

toxicity and safety hazard

toxicity, oxygen
USE hyperoxia

toxicology

(toxicology), poisoning
USE toxic diseases

toxins and antitoxins

toxins, endo
USE endotoxins

TQM (quality control)
USE total quality management

TRAAC satellite
USE transit attitude control satellite

trace contaminants

trace elements

Tracer Explorers, Active Magneto Particle
USE AMPTE (satellites)

tracers

trachea

trachyte

tracing

tracing, ray
USE ray tracing

tracked vehicles

tracker, CCD star
USE CCD star tracker

tracker), stellar (star
USE CCD star tracker

trackers, star
USE star trackers

Tracking and Data Acq Network, Satellite
USE STDN (network)

tracking and data network, space flight
USE space flight tracking and data network

Tracking and Data Network, Spacecraft
USE STDN (network)

tracking and data relay satellites
USE TDR satellites

tracking antennas
USE directional antennas

tracking, compensatory
USE compensatory tracking

tracking filters

tracking, infrared
USE infrared tracking

(tracking), look angles
USE look angles (tracking)

tracking, missile
USE missile tracking

tracking, multiple target
USE multiple target tracking

tracking, multiradar
USE radar networks

tracking network, global
USE global tracking network

(tracking network), GLOTRAC
USE global tracking network

tracking network), STADAN (satellite
USE STDN (network)

tracking networks

tracking, optical
USE optical tracking

tracking, photographic
USE photographic tracking

tracking (position)

tracking problem

tracking program, optical satellite
USE optical satellite tracking program

tracking, pursuit
USE pursuit tracking

tracking, radar
USE radar tracking

tracking radar

tracking, radio
USE radio tracking

tracking, range and range rate
USE range and range rate tracking

tracking, satellite
USE satellite tracking

tracking, satellite-to-satellite
USE satellite-to-satellite tracking

tracking, spacecraft
USE spacecraft tracking

tracking, star
USE star trackers

tracking stations

tracking studies
USE tracking (position)

tracking system, minitrack optical
USE minitrack system

(tracking system), MOTS
USE minitrack system

tracking system, polystation doppler
USE polystation doppler tracking system

tracking system, space detection and
USE space detection and tracking system

(tracking system), SPADATS
USE space detection and tracking system

tracking, target
USE tracking (position)

(tracking), TCG
USE transponder control group

tracking telescopes, multispectral
USE multispectral tracking telescopes

tracking, video landmark acquisition and
USE video landmark acquisition and tracking

tracking, visual
USE optical tracking

tracks

tracks, ground
USE ground tracks

tracks, particle
USE particle tracks

tracks, satellite ground
USE satellite ground tracks

tracks, vehicular
USE vehicular tracks

traction

tractors

tractors, crawler
USE crawler tractors

tracts
USE sites

trade, foreign
USE international trade

trade, international
USE international trade

(trademark), Adiprene
USE Adiprene (trademark)

(trademark), Amberlite
USE Amberlite (trademark)

(trademark), amplitrans
USE planotrons

(trademark), Astroloy
USE Astroloy (trademark)

(trademark), Bakelite
USE Bakelite (trademark)

(trademark), Borazon
USE boron nitrides

(trademark), Buna
USE Buna (trademark)

(trademark), Carborundum
USE Carborundum (trademark)

(trademark), Dacron
USE Dacron (trademark)

(trademark), Delrin

(trademark), Delrin
USE Delrin (trademark)

(trademark), Flexowriters
USE automatic typewriters

(trademark), Fortisan
USE Fortisan (trademark)

(trademark), Geon
USE polyvinyl chloride

(trademark), Hastelloy
USE Hastelloy (trademark)

(trademark), Hexogenes
USE Hexogenes (trademark)

(trademark), Hopcalite
USE Hopcalite (trademark)

(trademark), Inconel
USE Inconel (trademark)

(trademark), Kapton
USE Kapton (trademark)

(trademark), Kevlar
USE Kevlar (trademark)

(trademark), Kovar
USE Kovar (trademark)

(trademark), Lexan
USE Lexan (trademark)

(trademark), Lucite
USE polymethyl methacrylate

(trademark), Ludox
USE Ludox (trademark)

(trademark), Magnesyn
USE servomotors

(trademark), Manganin
USE Manganin (trademark)

(trademark), Masonite
USE Masonite (trademark)

(trademark), Monel
USE Monel (trademark)

(trademark), Mylar
USE Mylar (trademark)

(trademark), Nembutal
USE Nembutal (trademark)

(trademark), Nichrome
USE Nichrome (trademark)

(trademark), Nylon
USE Nylon (trademark)

(trademark), Permalloys
USE Permalloys (trademark)

(trademark), Perspex
USE Perspex (trademark)

(trademark), plexiglass
USE polymethyl methacrylate

(trademark), Pyrex
USE borosilicate glass

(trademark), Pyroceram
USE Pyroceram (trademark)

(trademark), Pyrrones
USE Pyrrones (trademark)

(trademark), Refrasil
USE fibers
silicon dioxide

(trademark), RTV-40 rubber
USE RTV-40 rubber (trademark)

(trademark), RTV-60 rubber
USE RTV-60 rubber (trademark)

(trademark), Santowax
USE Santowax (trademark)

(trademark), Scotchlite
USE Scotchlite (trademark)

(trademark), Selsyns
USE servomotors

(trademark), Skydrol
USE Skydrol (trademark)

(trademark), Stellite
USE Stellite (trademark)

(trademark), styrofoam
USE styrofoam (trademark)

(trademark), Tedlar
USE polyvinyl fluoride

(trademark), teflon
USE teflon (trademark)

(trademark), thiazine
USE thiazine (trademark)

(trademark), Viton rubber
USE Viton rubber (trademark)

(trademark), Zircaloy 2
USE Zircaloy 2 (trademark)

(trademark), Zircaloys
USE Zircaloys (trademark)

(tradename), Borsic
USE Borsic (tradename)

(tradename), Carbamates
USE Carbamates (tradename)

tradeoffs

Trader aircraft
USE C-1A aircraft

tradescantia

tralex radar system

traffic

traffic advisory and resolution, automatic
USE automatic traffic advisory and resolution

traffic, air
USE air traffic

traffic control

traffic control, air
USE air traffic control

traffic controllers (personnel), air
USE air traffic controllers (personnel)

Traffic Satellites, Location of Air
USE LOCATES system

traffic vehicles, automated mixed
USE automated mixed traffic vehicles

tragacanth

trailblazer 1 reentry vehicle

Trailblazer 1 rocket vehicle
USE trailblazer 1 reentry vehicle

trailblazer 2 reentry vehicle

Trailblazer 2 rocket vehicle
USE trailblazer 2 reentry vehicle

trailers

trailing edge flaps

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trailing edges

trailing edges, blunt
USE blunt trailing edges

trails
USE tracks

trails, con
USE contrails

trails, condensation
USE contrails

trails, meteor
USE meteor trails

trails, smoke
USE smoke trails

trails, vapor
USE contrails

trainees
USE students

trainer, L-29 jet
USE L-29 jet trainer

trainers
USE training devices

training
USE education

training aircraft

training analysis

training, astronaut
USE astronaut training

training devices

training, ejection
USE ejection training

training evaluation

training, flight
USE flight training

training, gunnery
USE gunnery training

training, maintenance
USE maintenance training

training, pilot
USE pilot training

training, re
USE retraining

training, simulator
USE training simulators

training simulators

training, space flight
USE space flight training

training, transfer of
USE transfer of training

trajectories

trajectories, abort
USE abort trajectories

trajectories, ascent
USE ascent trajectories

trajectories, ballistic
USE ballistic trajectories

trajectories, circumlunar
USE circumlunar trajectories

trajectories, descent
USE descent trajectories

trajectories, Earth-Mars
USE Earth-Mars trajectories

trajectories, Earth-Mercury
USE Earth-Mercury trajectories

trajectories, Earth-Moon
USE Earth-Moon trajectories

trajectories, Earth-Venus
USE Earth-Venus trajectories

trajectories, electron
USE electron trajectories

trajectories, gravity assist
USE swingby technique

trajectories, Hohmann
USE elliptical orbits
transfer orbits

trajectories, hyperbolic
USE hyperbolic trajectories

trajectories, interorbital
USE interorbital trajectories

trajectories, interplanetary
USE interplanetary trajectories

trajectories, lunar
USE lunar trajectories

trajectories, midcourse
USE midcourse trajectories

trajectories, missile
USE missile trajectories

trajectories, molecular
USE molecular trajectories

trajectories, moon-Earth
USE moon-Earth trajectories

trajectories, particle
USE particle trajectories

trajectories, reentry
USE reentry trajectories

trajectories, rendezvous
USE rendezvous trajectories

trajectories, round trip
USE round trip trajectories

trajectories, spacecraft
USE spacecraft trajectories

(trajectories), SPURT
USE spinning unguided rocket trajectory

trajectories, underwater
USE underwater trajectories

trajectory analysis

trajectory control

trajectory determination system, Goddard
USE Goddard trajectory determination system

trajectory measurement

trajectory optimization

trajectory planning

trajectory, spinning unguided rocket
USE spinning unguided rocket trajectory

trajectory systems, multiple target
USE MATTS (systems)

tranquillizers

Transall C-160 aircraft
USE C-160 aircraft

transatmospheric vehicles

transceivers
USE transmitter receivers

transcendental functions

transconductance

transcontinental systems

transducers

transducers, digital
USE digital transducers

transducers, electroacoustic
USE electroacoustic transducers

transducers, electronic
USE electronic transducers

transducers, image
USE image transducers

transducers, interdigital
USE interdigital transducers

transducers, magnetic
USE magnetic transducers

transducers, piezoelectric
USE piezoelectric transducers

transducers, piezoresistive
USE piezoresistive transducers

transducers, pressure
USE pressure sensors

transducers, quartz
USE quartz transducers

transducers, sound
USE sound transducers

transducers, ultrasonic wave
USE ultrasonic wave transducers

transearth injection

transequatorial propagation

transfer
USE transferring

transfer, aerodynamic heat
USE aerodynamic heat transfer

transfer, aerospace technology
USE aerospace technology transfer

transfer, charge
USE charge transfer

transfer coefficients, heat
USE heat transfer coefficients

transfer (computers), data
USE data transfer (computers)

transfer, conductive heat
USE conductive heat transfer

transfer, convective heat
USE convective heat transfer

transfer devices, charge
USE charge transfer devices

transfer, drop
USE drop transfer

transfer, electron
USE electron transfer

transfer, energy
USE energy transfer

transfer events, flux
USE flux transfer events

transfer function, modulation
USE modulation transfer function

transfer function, optical
USE optical transfer function

transfer functions

transfer functions, loop
USE loop transfer functions

transfer, heat
USE heat transfer

transfer, hypersonic heat
USE hypersonic heat transfer

transfer, information
USE information transfer

transfer, intervehicle spacecrew
USE spacecrew transfer

transfer, laminar heat
USE laminar heat transfer

transfer (LET), linear energy
USE linear energy transfer (LET)

transfer, mass
USE mass transfer

transfer molding, resin
USE resin transfer molding

transfer, momentum
USE momentum transfer

transfer of training

transfer, orbital
USE transfer orbits

transfer orbits

transfer orbits, Hohmann
USE transfer orbits
elliptical orbits

transfer orbits, interplanetary
USE interplanetary transfer orbits

transfer, payload
USE payload transfer

transfer, propellant
USE propellant transfer

transfer, radiative
USE radiative transfer

transfer, radiative heat
USE radiative heat transfer

transfer recovery, loop
USE loop transfer recovery

transfer salts, organic charge
USE organic charge transfer salts

transfer, spacecrew
USE spacecrew transfer

transfer, supersonic heat
USE supersonic heat transfer

transfer, technology
USE technology transfer

transfer tunnels

transfer, turbulent heat
USE turbulent heat transfer

transfer vehicles, intraorbit
USE intraorbit transfer vehicles

transfer vehicles, orbit
USE orbit transfer vehicles

transferred electron devices

transferring

transferring

transform integrals

USE integral transformations

transformation, Fourier

USE Fourier transformation

transformation, Hilbert

USE Hilbert transformation

transformation, Joukowski

USE Joukowski transformation

transformation, Laplace

USE Laplace transformation

transformation, Legendre

USE Legendre functions

transformation, martensitic

USE martensitic transformation

transformation, Schwarz-Christoffel

USE Schwarz-Christoffel transformation

transformation tensors

USE tensors

transformation, Theodorsen

USE Theodorsen transformation

transformations

transformations, conformal

USE conformal mapping

transformations, coordinate

USE coordinate transformations

transformations, fast Fourier

USE fast Fourier transformations

transformations, Fourier-Bessel

USE Fourier-Bessel transformations

transformations, Householder

USE Householder transformations

transformations, integral

USE integral transformations

transformations, linear

USE linear transformations

transformations, Lorentz

USE Lorentz transformations

transformations (mathematics)

transformations, nuclear

USE nuclear transformations

transformations, order-disorder

USE order-disorder transformations

transformations, phase

USE phase transformations

transformers

transformers, instrument

USE instrument transformers

transformers, mode

USE mode transformers

transforms

USE transformations (mathematics)

transforms, Mellin

USE Mellin transforms

transfusion

transgranular corrosion

transhorizon radio propagation

transient heating

transient loads

transient oscillations

transient pressures

Transient Reactor Test Facility

transient response

transients (surges)

USE surges

transionospheric satellites, low frequency

USE low frequency transionospheric satellites

transistor amplifiers

transistor circuits

transistor logic

Transistor-Logic integ circuits, Diode-

USE DTL integrated circuits

transistor-logic integ circuits, transistor-

USE TTL integrated circuits

transistor-transistor-logic integ circuits

USE TTL integrated circuits

transistors

transistors, bipolar

USE bipolar transistors

(transistors), FET

USE field effect transistors

transistors, field effect

USE field effect transistors

transistors, high electron mobility

USE high electron mobility transistors

transistors, junction

USE junction transistors

transistors, junction field effect

USE JFET

transistors, photo

USE phototransistors

transistors, silicon

USE silicon transistors

transistors, silicon-on-sapphire

USE SOS (semiconductors)

transistors, unipolar

USE field effect transistors

transit

transit attitude control satellite

transit navigation system

transit satellites

transit systems, rapid

USE rapid transit systems

transit time

transit time devices, controlled avalanche

USE CATT devices

transit time diodes, barrier injection

USE Barritt diodes

transit, trapped plasma avalanche triggered

USE TRAPATT devices

transit vehicles, automated

USE automated transit vehicles

transit vehicles, automated guideway

USE automated guideway transit vehicles

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transition

transition, boundary layer

USE boundary layer transition

transition flight

transition flight

USE transition flight

transition flow

transition layers

transition metals

transition, optical

USE optical transition

transition points

transition pressure

transition probabilities

transition region, solar

USE solar transition region

transition temperature

transition temperature, glass

USE glass transition temperature

transitions, electron

USE electron transitions

transitions, forbidden

USE forbidden transitions

transits

translating

translation, frequency

USE frequency converters

translation, machine

USE machine translation

translational motion

translators

translators, digital to voice

USE digital to voice translators

translators), DIVOT (voice

USE digital to voice translators

translucence

translunar injection

translunar space

USE interplanetary space

transmission

transmission), APT (picture

USE automatic picture transmission

transmission, automatic picture

USE automatic picture transmission

transmission), channels (data

USE channels (data transmission)

transmission circuits

transmission, coaxial

USE transmission
coaxial cables

transmission, coherent

USE coherent radiation

transmission, data

USE data transmission

transmission, double sideband

USE double sideband transmission

transmission efficiency**transmission, electric power**

USE electric power transmission

transmission, electromagnetic wave

USE electromagnetic wave transmission

transmission electron microscopy**transmission, facsimile**

USE facsimile communication

transmission fluids**transmission, heat**

USE heat transmission

transmission, information

USE data transmission

transmission (lasers), power

USE laser power beaming

transmission, light

USE light transmission

transmission lines**transmission lines, flat coaxial**

USE microstrip transmission lines

transmission lines, fluid

USE fluid transmission lines

transmission lines, microstrip

USE microstrip transmission lines

transmission lines, strip

USE strip transmission lines

transmission lines, underground

USE underground transmission lines

transmission loss**transmission, microwave**

USE microwave transmission

transmission (microwave), power

USE microwave power beaming

transmission, multipath

USE multipath transmission

transmission, multiplex

USE multiplexing

transmission, neuromuscular

USE neuromuscular transmission

transmission, neuron

USE bioelectricity

transmission, packet

USE packet transmission

transmission, power

USE power transmission

transmission, radar

USE radar transmission

transmission, radio

USE radio transmission

transmission, radio signal

USE radio transmission

transmission rate (communications)**transmission, satellite**

USE satellite transmission

transmission, satellite power

USE satellite power transmission

transmission, SCPC

USE single channel per carrier transmission

transmission, short wave radio

USE short wave radio transmission

transmission, signal

USE signal transmission

transmission, single channel per carrier

USE single channel per carrier transmission

transmission, single sideband

USE single sideband transmission

transmission, sound

USE sound transmission

transmission speed (communications)

USE transmission rate (communications)

transmission, spread spectrum

USE spread spectrum transmission

transmission, superconducting power

USE superconducting power transmission

transmission, television

USE television transmission

transmissions (machine elements)**transmissivity****transmissometers****transmittance****transmitter receivers****transmitters****transmitters, emergency locator**

USE emergency locator transmitters

transmitters, instrument

USE instrument transmitters

transmitters, neuro

USE neurotransmitters

transmitters, radar

USE radar transmitters

transmitters, radio

USE radio transmitters

transmutation**transmutation, neutron**

USE nuclear reactions

transoceanic communication**transoceanic flight****transoceanic systems****transonic aircraft**

USE supersonic aircraft

Transonic Aircraft Technology Program

USE TACT program

transonic compressors**transonic flight****transonic flow****transonic flutter****transonic inlets**

USE supersonic inlets

transonic nozzles**transonic speed****transonic turbines**

USE supersonic turbines

transonic wind tunnels**transonics**

USE transonic flow

transparence**transparent materials**

USE transparency

transpiration**transpiration cooling**

USE sweat cooling

transpiration, evapo

USE evapotranspiration

transpiration, fluid

USE transpiration

transplantation**transponder control group****transponders****transport aircraft****transport aircraft, F-28**

USE F-28 transport aircraft

transport aircraft, light

USE light transport aircraft

transport coefficients

USE transport properties

transport equation, Boltzmann

USE Boltzmann transport equation

transport, gas

USE gas transport

transport hypothesis, vorticity

USE vorticity transport hypothesis

transport, light intratheater

USE light intratheater transport

transport, littoral

USE littoral transport

transport, pollution

USE pollution transport

Transport program, Energy Efficiency

USE ACEE program

transport properties**transport, radiation**

USE radiation transport

transport rsch airplane, experimental STOL

USE Questol aircraft

transport, sediment

USE sediment transport

transport (solid state), carrier

USE carrier transport (solid state)

transport, supersonic commercial air

USE supersonic commercial air transport

transport theory**transport vehicles****transportation****transportation, air**

USE air transportation

transportation energy**(transportation), evacuating**

USE evacuating (transportation)

transportation, high speed

USE rapid transit systems

transportation, marine

transportation, marine
USE marine transportation

transportation networks

transportation, rail
USE rail transportation

transportation, space
USE space transportation

Transportation System flights, Space
USE Space Transportation System flights

transportation system, space
USE space transportation system

Transportation System 1 flight, Space
USE Space Transportation System 1 flight

Transportation System 2 flight, Space
USE Space Transportation System 2 flight

Transportation System 3 flight, Space
USE Space Transportation System 3 flight

Transportation System 4 flight, Space
USE Space Transportation System 4 flight

transportation, urban
USE urban transportation

transporter

transporter bus, Pioneer Venus 2
USE Pioneer Venus 2 transporter bus

transports, magnetic tape
USE magnetic tape transports

transports, supersonic
USE supersonic transports

transputers

transuranium elements

transverse acceleration

transverse loads

transverse oscillation

transverse vibration
USE transverse oscillation

transverse waves

transversely excited atmospheric lasers
USE TEA lasers

TRAP program

trap rocket vehicle, Venus fly
USE Venus fly trap rocket vehicle

TRAPATT devices

TRAPATT diodes
USE avalanche diodes

trapezoidal tail surfaces

trapezoidal wings

trapezoids

trapped magnetic fields

trapped particles

trapped particles, geomagnetically
USE radiation belts

trapped particles, magnetically
USE magnetically trapped particles

trapped plasma avalanche triggered transit
USE TRAPATT devices

trapped vortices

trapping

trapping, cryo
USE cryotrapping

trapping, radiation
USE radiation trapping

traps

traps, cold
USE cold traps

traps (instrumentation), ion
USE ion traps (instrumentation)

traps, vapor
USE vapor traps

traps, vortex
USE trapped vortices

travel

travel, interstellar
USE interstellar travel

traveling charge

traveling ionospheric disturbances

traveling salesman problem

traveling solvent method

traveling wave amplifiers

traveling wave masers

traveling wave modulation

traveling wave tubes

traveling waves

trays

treadmills

treads

TREAT (test facility)
USE Transient Reactor Test Facility

(treating), conditioning
USE treatment

treatment

treatment, heat
USE heat treatment

treatment), normalizing (heat
USE normalizing (heat treatment)

treatment, pre
USE pretreatment

treatment, sewage
USE sewage treatment

treatment), sizing (surface
USE sizing (surface treatment)

treatment, surface
USE surface treatment

treatment, thermomechanical
USE thermomechanical treatment

treatment, waste
USE waste treatment

treatment, water
USE water treatment

Treaty Organization (NATO), North Atlantic
USE North Atlantic Treaty Organization (NATO)

treaty, outer space
USE outer space treaty

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tree ring dating
USE dendrochronology

trees

trees, citrus
USE citrus trees

trees, deciduous
USE deciduous trees

trees, fault
USE fault trees

trees (mathematics)

trees (plants)

trellis coding

tremors

trend analysis

trend line analysis, program
USE program trend line analysis

trends

Tresca flow

triacetin

triaminoguanidineneitrate
USE TAGN

triaminoguanidinium azide

triaminotrinitrobenzene
USE TATB

triangles

triangular wings
USE delta wings

triangulation

triatomic molecules

triaxial stresses

triaxiality
USE triaxial stresses

tribolia

tribology

triboluminescence

tributaries

trichlorides
USE chlorides

Trident aircraft
USE DH 121 aircraft

trident submarine

trienes

triethiodide, gallamine
USE gallamine triethiodide

triethyl compounds

trifluoride, boron
USE boron fluorides

trifluoroamine oxide

trigatrons

trigger circuits

triggered transit, trapped plasma avalanche
USE TRAPATT devices

- triggers**
USE actuators
- trigonometric functions**
- trigonometry**
- trim (balance)**
USE aerodynamic balance
- trimers**
- trimethadione**
- trimethyl compounds**
- Trinidad and Tobago**
- trinitramine**
- trinitramine, cyclotrimethylene**
USE RDX
- trinitro compounds**
- trinitrotoluene**
- (trinitrotoluene), TNT**
USE trinitrotoluene
- trinitrotriazocyclohexane**
USE RDX
- triodes**
- triols**
- trip trajectories, round**
USE round trip trajectories
- triphenyl silicon**
- triphenyls**
- triphosphate, adenosine**
USE adenosine triphosphate
- triple axis spectrometers**
USE neutron spectrometers
- triple stars**
- triplet excitation**
USE atomic energy levels
- triplet state**
USE atomic energy levels
- tripods**
- tripropellants**
USE liquid rocket propellants
- trisonic wind tunnels**
- tritium**
- Triton**
- tritons**
- trivalent ions**
- trochoids**
USE pivots
- trollite**
- Trojan aircraft**
USE T-28 aircraft
- Trojan orbits**
- Trombe walls**
- Tropical Experiment, GARP Atlantic**
USE GARP Atlantic Tropical Experiment
- tropical meteorology**
- tropical regions**
- tropical storms**
- tropics**
USE tropical regions
- tropism**
- tropism, aeolo**
USE aeolotropism
- tropism, baro**
USE barotropism
- tropism, geo**
USE geotropism
- tropism, gravi**
USE gravitropism
- tropism, gyro**
USE gyrotropism
- tropism, iso**
USE isotropism
- tropism, ortho**
USE orthotropism
- tropism, photo**
USE phototropism
- tropopause**
- troposphere**
- tropospheric radiation**
- tropospheric scattering**
- tropospheric waves**
- Tropsch process, Fischer-**
USE Fischer-Tropsch process
- tropyl compounds**
- troubleshooting**
USE maintenance
- troughs**
- trucks**
- trucks, tank**
USE tank trucks
- truncation errors**
- truncation (mathematics)**
USE approximation
- trunks (lines)**
USE transmission lines
- trunnions**
USE shafts (machine elements)
- trusses**
- truth, ground**
USE ground truth
- truth, sea**
USE sea truth
- trypanosome**
- trypsin**
- tryptamines**
- tryptophan**
- TS-11 aircraft**
- TS-11 aircraft, Polish**
USE TS-11 aircraft
- TSR 2 aircraft, BAC**
USE TSR-2 aircraft
- TSR-2 aircraft**
- tsunami waves**
- TTL integrated circuits**
- TU-104 aircraft**
- TU-121 engine**
- TU-124 aircraft**
- TU-134 aircraft**
- TU-144 aircraft**
- TU-154 aircraft**
- tube anodes**
- tube cathodes**
- tube control, fly by**
USE fly by tube control
- tube grids**
- tube heat exchangers**
- tube lasers**
- tube oscillators, vacuum**
USE vacuum tube oscillators
- tuberculosis**
- tubes**
- tubes, backward wave**
USE backward wave tubes
- tubes, Bourdon**
USE Bourdon tubes
- tubes, bronchial**
USE bronchi
- tubes, camera**
USE camera tubes
- tubes, capillary**
USE capillary tubes
- tubes, cathode ray**
USE cathode ray tubes
- tubes, circular**
USE circular tubes
- tubes, cold cathode**
USE cold cathode tubes
- tubes, discharge**
USE gas discharge tubes
- tubes, drop**
USE drop towers
- tubes, electron**
USE electron tubes
- tubes, eustachian**
USE eustachian tubes
- tubes, flash**
USE flash lamps
- tubes, gas**
USE gas tubes
- tubes, gas discharge**
USE gas discharge tubes
- tubes, Geiger-Mueller**
USE Geiger counters
- tubes, helix**
USE traveling wave tubes

tubes, Hilsch

tubes, Hilsch

USE Hilsch tubes

tubes, image

USE image tubes

tubes, image dissector

USE image dissector tubes

tubes, intensifier

USE image intensifiers

tubes, magnetic annular shock

USE magnetic annular shock tubes

tubes, MAST shock

USE magnetic annular shock tubes

tubes, microwave

USE microwave tubes

tubes, photo

USE phototubes

tubes, photomultiplier

USE photomultiplier tubes

tubes, picture

USE picture tubes

(tubes), pipes

USE pipes (tubes)

tubes, pitot

USE pitot tubes

tubes, Preston

USE pitot tubes
speed indicators

tubes, shock

USE shock tubes

tubes, traveling wave

USE traveling wave tubes

tubes, U

USE manometers

tubes, vacuum

USE vacuum tubes

tubes, Venturi

USE Venturi tubes

tubes, vortex

USE vortices
Hilsch tubes

tubes, x ray

USE x ray tubes

tubing

USE pipes (tubes)

tugs, space

USE space tugs

tumbling motion

tumors

tunable lasers

tundra

tuners

tuners, waveguide

USE waveguide tuners

tungstates

tungstates, calcium

USE calcium tungstates

tungstates, lead

USE lead tungstates

tungstates, zinc

USE zinc tungstates

tungsten

tungsten alloys

tungsten arc welding, gas

USE gas tungsten arc welding

tungsten carbides

tungsten chlorides

tungsten compounds

tungsten fluorides

tungsten halides

tungsten inert gas welding

USE gas tungsten arc welding

tungsten isotopes

tungsten oxides

Tungusk meteorite

Tunguska event

USE Tungusk meteorite

tuning

tuning fork gyroscopes

tuning, Schuler

USE Schuler tuning

Tunisia

tunnel apparatus, wind

USE wind tunnel apparatus

• tunnel balances, wind

USE wind tunnel apparatus
weight indicators

tunnel calibration, wind

USE wind tunnel calibration

tunnel cathodes

tunnel diodes

tunnel drives, wind

USE wind tunnel drives

tunnel junctions

tunnel models, wind

USE wind tunnel models

tunnel nozzles, wind

USE wind tunnel nozzles

tunnel resistors

USE electron tunneling
resistors

tunnel stability tests, wind

USE wind tunnel stability tests

tunnel tests, water

USE water tunnel tests

tunnel tests, wind

USE wind tunnel tests

tunnel walls, wind

USE wind tunnel walls

tunneling

tunneling, electron

USE electron tunneling

tunneling (excavation)

tunneling microscopy, scanning

USE scanning tunneling microscopy

tunneling, resonance

USE resonant tunneling

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tunneling, resonant

USE resonant tunneling

tunnels

tunnels, blowdown wind

USE blowdown wind tunnels

tunnels, cascade wind

USE cascade wind tunnels

tunnels, combustion wind

USE combustion wind tunnels

tunnels, cryogenic wind

USE cryogenic wind tunnels

tunnels, hotshot wind

USE hotshot wind tunnels

tunnels, hydraulic test

USE hydraulic test tunnels

tunnels, hydrodynamic

USE plasma jet wind tunnels

tunnels, hypersonic wind

USE hypersonic wind tunnels

tunnels, hypervelocity wind

USE hypervelocity wind tunnels

tunnels, low density wind

USE low density wind tunnels

tunnels, low speed wind

USE low speed wind tunnels

tunnels, plasma jet wind

USE plasma jet wind tunnels

tunnels, rectangular wind

USE rectangular wind tunnels

tunnels, shock

USE shock tunnels

tunnels, slotted wind

USE slotted wind tunnels

tunnels, subsonic wind

USE subsonic wind tunnels

tunnels, supersonic wind

USE supersonic wind tunnels

tunnels, transfer

USE transfer tunnels

tunnels, transonic wind

USE transonic wind tunnels

tunnels, trisonic wind

USE trisonic wind tunnels

tunnels, water

USE hydraulic test tunnels

tunnels, wind

USE wind tunnels

Tupolev aircraft

turbidity

turbine blades

turbine engines

turbine engines, gas

USE gas turbine engines

turbine exhaust nozzles

turbine instruments

turbine pumps

turbine wheels

turbines

turbines, axial flow
USE axial flow turbines

turbines, gas
USE gas turbines

turbines, shrouded
USE shrouded turbines

turbines, steam
USE steam turbines

turbines, supersonic
USE supersonic turbines

turbines, transonic
USE supersonic turbines

turbines, two stage
USE two stage turbines

turbines, wind
USE wind turbines

Turbo-Skyvan aircraft
USE SC-7 aircraft

turbochargers
USE turbocompressors
superchargers

turbocompressors

turboconverters
USE turbogenerators

turboelectric conversion
USE turbogenerators

turboelectric generator, ASTEC solar
USE ASTEC solar turboelectric generator

turbofan aircraft

turbofan engines

turbofans

turbogenerators

turbojet aircraft
USE jet aircraft

turbojet engine control

turbojet engine, YJ73
USE J-73 engine

turbojet engines

turbomachine blades

turbomachinery

(turbomachinery), mistuning
USE mistuning (turbomachinery)

(turbomachinery), rotor blades
USE rotor blades (turbomachinery)

turbopause

turboprop aircraft

turboprop engines

turboprop engines, Dart
USE turboprop engines

turbopumps
USE turbine pumps

turboramjet engines

turborocket engines

turborotors
USE turbine wheels

turboshafts

turbulence

turbulence, atmospheric
USE atmospheric turbulence

turbulence, clear air
USE clear air turbulence

turbulence effects

turbulence, homogeneous
USE homogeneous turbulence

turbulence, isotropic
USE isotropic turbulence

turbulence, low
USE low turbulence

turbulence, low level
USE low level turbulence

turbulence, magnetohydrodynamic
USE magnetohydrodynamic turbulence

turbulence meters

turbulence meters, hot-wire
USE turbulence meters
hot-wire flowmeters

turbulence model, k-epsilon
USE k-epsilon turbulence model

turbulence model, kappa-epsilon
USE k-epsilon turbulence model

turbulence models

turbulence, plasma
USE plasma turbulence

turbulent boundary layer

turbulent combustion

turbulent diffusion

turbulent flow

turbulent heat transfer

turbulent jets

turbulent mixing

turbulent wakes

Turing machines

Turkey

turkeys

Turkish space program

Turkmenistan

turnaround (STS)

turning flight

turning flight, minor circle
USE minor circle turning flight

turnstile antennas

turpentine

turret

turret lathes

Turret Reactor, Los Alamos
USE high temperature nuclear reactors

turrets, gun
USE gun turrets

turtles

Tutor aircraft
USE CL-41 aircraft

TVC (control)
USE thrust vector control

TVD schemes

twenty-four hour orbits

twenty-seven day variation

twilight glow

Twin aircraft, Advanced Technology Light
USE ATLIT project

Twin Hull, Small Water Plane Area
USE SWATH (ship)

twinning

twinning, mechanical
USE mechanical twinning

twisted wings

twisting

twitching

two body orbits
USE two body problem

two body problem

two dimensional bodies

two dimensional boundary layer

two dimensional flow

two dimensional jets

two dimensional models

two fluid models

two phase flow

two phase systems
USE binary systems (materials)

two photon coherent states
USE squeezed states (quantum theory)

two reflector antennas

two stage plasma engines

two stage turbines

two-wavelength lasers

TX
USE Texas

(TX), Houston
USE Houston (TX)

TX), Lake Texoma (OK-
USE Lake Texoma (OK-TX)

TX-33-39 engine
USE XM-33 engine

TX-77 engine

TX-354 engine

Tycho crater

type radiometers, Dicke
USE Dicke radiometers

Type Reactor, Livermore Pool
USE Livermore Pool Type Reactor

type semiconductors, n-
USE n-type semiconductors

type semiconductors, p

type semiconductors, p-
USE p-type semiconductors

type 2 bursts

type 3 bursts

type 4 bursts

type 5 bursts

typewriters

typewriters, automatic
USE automatic typewriters

typewriters, tele
USE teletypewriters

typhoid

typhon weapon system

typhoons

typhus

tyrosine

T2J aircraft
USE T-2 aircraft

T3J aircraft
USE T-39 aircraft

U

U
USE Uranium

U bends

U spin space

U test, Mann-Whitney-Wilcoxon
USE Mann-Whitney-Wilcoxon U test

U tubes
USE manometers

U.S.S.R.

(U.S.S.R.), Caucasus Mountains
USE Caucasus Mountains (U.S.S.R.)

U.S.S.R. space program

U-2 aircraft

U-2 aircraft, Lockheed
USE U-2 aircraft

U-10 aircraft

UARS (satellite)
USE Upper Atmosphere Research Satellite (UARS)

(UARS), Upper Atmosphere Research Satellite
USE Upper Atmosphere Research Satellite (UARS)

UBV spectra

uimet alloys

UFO
USE unidentified flying objects

Uganda

UH-1 helicopter

UH-2 helicopter

UH-2A helicopter, Kaman
USE UH-2 helicopter

UH-12 helicopter
USE OH-23 helicopter

UH-13 helicopter
USE OH-13 helicopter

UH-34 helicopter

UH-60A helicopter

UH-61A helicopter

Uhlenbeck process, Ornstein-
USE Ornstein-Uhlenbeck process

UHTREX (nuclear reactors)
USE high temperature nuclear reactors

Uhuru satellite

UK satellites

UK space program

UK 4 satellite

Ukraine

ulcers

ullage

ullage rocket engines

ULM (light modulation)
USE ultrasonic light modulation

ulna

ultra short wave radio equipment
USE very high frequency radio equipment

ultrahigh frequencies

ultrahigh vacuum

ultralight aircraft

ultralow frequencies
USE extremely low radio frequencies

ultralow temperature
USE cryogenic temperature

ultrapure metals

ultrashort pulsed lasers

ultrasonic agitation

ultrasonic cleaning

ultrasonic densimeters

ultrasonic flaw detection

ultrasonic grinding machines
USE ultrasonic machining

ultrasonic light modulation

ultrasonic machining

ultrasonic radiation

ultrasonic scanners

ultrasonic soldering

ultrasonic spectroscopy

ultrasonic tests

ultrasonic wave transducers

ultrasonic waves
USE ultrasonic radiation

ultrasonic welding

ultrasonics

ultraviolet absorption

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ultraviolet astronomy

ultraviolet astronomy satellite, Magellan
USE Magellan ultraviolet astronomy satellite

ultraviolet detectors

ultraviolet emission

Ultraviolet Explorer, International
USE IUE

ultraviolet Explorer satellite, extreme
USE extreme ultraviolet Explorer satellite

ultraviolet filters

ultraviolet lasers

ultraviolet light
USE ultraviolet radiation

ultraviolet microscopy

ultraviolet photography

ultraviolet photometry

ultraviolet radiation

ultraviolet radiation, extreme
USE extreme ultraviolet radiation

ultraviolet radiation, far
USE far ultraviolet radiation

ultraviolet radiation, near
USE near ultraviolet radiation

ultraviolet radiation, vacuum
USE far ultraviolet radiation

ultraviolet reflection

ultraviolet spectra

ultraviolet spectrographs
USE ultraviolet spectrometers

ultraviolet spectrometers

ultraviolet spectrophotometers

ultraviolet spectroscopy

ultraviolet telescopes

Ulysses mission

umbilical connectors

umbilical towers

umbras

umbras, pen
USE penumbras

Umbriel

Umkehr effect

umklapp process

uncambered wings

unconsciousness

uncontrolled reentry (spacecraft)

uncoupled modes

undamped oscillations

under surface blowing

undercarriages

underground acoustics

- underground communication
- underground explosions
- underground radio antenna grid (navy)
USE Seafarer project
- underground storage
- underground structures
- underground transmission lines
- underwater acoustics
- underwater breathing apparatus
- underwater communication
- (underwater), diving
USE diving (underwater)
- underwater engineering
- underwater explosions
- underwater optics
- underwater photography
- underwater physiology
- underwater propulsion
- underwater research laboratories
- underwater resources
- underwater sound
USE underwater acoustics
- underwater structures
- underwater tests
- underwater to surface missiles
- underwater trajectories
- underwater vehicles
- unguided rocket trajectory, spinning
USE spinning unguided rocket trajectory
- uniaxial strain
USE axial strain
- (unicellular plants), diatoms
USE algae
- unidentified flying objects
- unified field theory
- unified S band
- unified theory, grand
USE grand unified theory
- uniform flow
- uniformity, non
USE nonuniformity
- unimolecular structures
- Union, Soviet
USE U.S.S.R.
- unionization
- unions
- unions (connectors)
- uniphase flow
USE single-phase flow
- unipolar transistors
USE field effect transistors
- uniqueness
- uniqueness theorem
- unit area, flux (rate per
USE flux density
- unit reactors, space power
USE space power unit reactors
- United Arab Emirates
- United Kingdom
- United Kingdom satellites
USE UK satellites
- United Nations
- United States
- (United States), armed forces
USE armed forces (United States)
- (United States), USA
USE United States
- units, agrophysical
USE agrophysical units
- units, arithmetic and logic
USE arithmetic and logic units
- units, bays (structural
USE bays (structural units)
- units, central processing
USE central processing units
- units, chemical auxiliary power
USE chemical auxiliary power units
- units (computers), control
USE control units (computers)
- Units, Extravehicular Mobility
USE Extravehicular Mobility Units
- units, inertial measuring
USE inertial platforms
- Units, International System of
USE International System of Units
- units, logic
USE arithmetic and logic units
- Units, Manned Maneuvering
USE Manned Maneuvering Units
- units, nuclear auxiliary power
USE nuclear auxiliary power units
- units of measurement
- units, self maneuvering
USE self maneuvering units
- units, SMU (maneuvering
USE self maneuvering units
- units, solar auxiliary power
USE solar auxiliary power units
- units, space self maneuvering
USE self maneuvering units
- unity
- Univac computers
- Univac Larc computer
- Univac 80 computer
- Univac 418 computer
- Univac 490 computer
- Univac 494 computer
- Univac 1100 series computers
- Univac 1105 computer
- Univac 1106 computer
- Univac 1107 computer
- Univac 1108 computer
- Univac 1110 computer
- Univac 1230 computer
- universal time
- universe
- universities
- university program
- UNIX (operating system)
- unloading
- unloading waves
- (unmanned), SKYLAB space station
USE SKYLAB 1
- unmanned spacecraft
- unsaturation (chemistry)
- unsteady aerodynamics
- unsteady flow
- unsteady state
- unswept wings
- up displays, head-
USE head-up displays
- up, latch-
USE latch-up
- up, lay-
USE lay-up
- up-converters
- updrafts
USE vertical air currents
- upgrading
- uplinking
- upper air
USE upper atmosphere
- upper atmosphere
- Upper Atmosphere Research Satellite (UARS)
- upper ionosphere
- upper stage A, Space Shuttle
USE Space Shuttle upper stage A
- upper stage D, Space Shuttle
USE Space Shuttle upper stage D
- upper stage, inertial
USE inertial upper stage
- upper stage rocket engines
- upper stage, spinning solid
USE spinning solid upper stage
- upper stage (STS), interim
USE inertial upper stage
- upper stages, Space Shuttle
USE Space Shuttle upper stages

upper surface blowing

upper surface blowing

upper surface blown flaps

Upper Volta

USE Burkina

upsets, single event

USE single event upsets

upsetting

upstream

upwash

upwelling

USE upwelling water

upwelling water

upwind schemes (mathematics)

uracil

uranium

uranium alloys

uranium carbides

uranium compounds

uranium fluorides

uranium isotopes

uranium oxides

uranium plasmas

uranium 232

uranium 233

uranium 234

uranium 235

uranium 238

Uranus atmosphere

Uranus flyby, Mariner Jupiter-

USE Mariner Jupiter-Uranus flyby

Uranus (planet)

Uranus rings

Uranus satellites

urban areas

USE cities

urban development

urban planning

urban research

urban transportation

urchins, sea

USE sea urchins

urea, difluoro

USE difluorourea

ureas

ureilites

urethanes

uric acid

uridylic acid

urinalysis

urination

urine

urography

urolithiasis

urology

Uruguay

Urundi, Ruanda-

USE Rwanda
Burundi

(US), Aleutian Islands

USE Aleutian Islands (US)

(US), Allegheny Plateau

USE Allegheny Plateau (US)

(US), Central Atlantic Region

USE Central Atlantic Region (US)

(US), Central Piedmont

USE Central Piedmont (US)

(US), Chesapeake Bay

USE Chesapeake Bay (US)

(US), Colorado Plateau

USE Colorado Plateau (US)

(US), Delaware Bay

USE Delaware Bay (US)

(US), Delaware River Basin

USE Delaware River Basin (US)

(US), Great Basin

USE Great Basin (US)

(US), Mississippi River

USE Mississippi River (US)

(US), Missouri River

USE Missouri River (US)

(US), Missouri River Basin

USE Missouri River Basin (US)

(US), New England

USE New England (US)

(US), Ohio River

USE Ohio River (US)

(US), Pacific Northwest

USE Pacific Northwest (US)

US-2A aircraft

USE S-2 aircraft

USA (United States)

USE United States

usable frequency, maximum

USE maximum usable frequency

use, land

USE land use

use, rural land

USE rural land use

user interface, graphical

USE graphical user interface

user manuals (computer programs)

user requirements

user-computer interface

USE man-computer interface

USNS Kingsport

USE satellite communications ships

UT

USE Utah

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(UT), Great Salt Lake

USE Great Salt Lake (UT)

Utah

uterus

utilities

utility aircraft

Utility System, Modular Integrated

USE Modular Integrated Utility System

utilization

utilization, coal

USE coal utilization

utilization, geothermal energy

USE geothermal energy utilization

utilization lists, hardware

USE hardware utilization lists

utilization, orbit spectrum

USE orbit spectrum utilization

Utilization System, National Airspace

USE National Airspace Utilization System

utilization, technology

USE technology utilization

utilization, waste

USE waste utilization

utilization, waste energy

USE waste energy utilization

utilization, windpower

USE windpower utilization

utricle

UV Ceti stars

USE flare stars

UV lasers

USE ultraviolet lasers

UV spectrometer, solar backscatter

USE solar backscatter UV spectrometer

UV Spectroscopic Explorer, Far

USE Far UV Spectroscopic Explorer

UV-Optical Telescope Facility, Spacelab

USE Starlab

Uzbekistan

V

V

USE Vanadium

V band

USE extremely high frequencies

V grooves

V-1 missile

V-2 missile

V-3 aircraft

USE XV-3 aircraft

V-4 aircraft

USE XV-4 aircraft

V-5 aircraft

USE XV-5 aircraft

V-9 aircraft

USE XV-9A aircraft

- V-22 aircraft**
- V/STOL aircraft**
- VA**
USE Virginia
- VA), Assateague Island (MD-**
USE Assateague Island (MD-VA)
- VA), Delmarva Peninsula (DE-MD-**
USE Delmarva Peninsula (DE-MD-VA)
- (VA), Shenandoah Valley**
USE Shenandoah Valley (VA)
- VA-WV), Potomac River Valley (MD-**
USE Potomac River Valley (MD-VA-WV)
- vacancies (crystal defects)**
- vaccines**
- vacillation**
- vacuum**
- vacuum apparatus**
- vacuum arc switches**
- vacuum chambers**
- vacuum deposition**
- vacuum effects**
- (vacuum), evacuating**
USE evacuating (vacuum)
- vacuum furnaces**
- vacuum gages**
- vacuum, high**
USE high vacuum
- vacuum, low**
USE low vacuum
- vacuum melting**
- Vacuum Orbital Simulator, High**
USE High Vacuum Orbital Simulator
- vacuum pumps**
- vacuum spectroscopy**
- vacuum systems**
- vacuum tests**
- vacuum tests, thermal**
USE thermal vacuum tests
- vacuum tube oscillators**
- vacuum tubes**
- vacuum, ultrahigh**
USE ultrahigh vacuum
- vacuum ultraviolet radiation**
USE far ultraviolet radiation
- vadose water**
- Vaisala frequency, Brunt-**
USE Brunt-Vaisala frequency
- valence**
- valence, co**
USE covalence
- valence, equi**
USE equivalence
- valeric acid**
- Valiant aircraft**
- Valliant aircraft, Vickers**
USE Valiant aircraft
- validation**
USE proving
- validity**
- Valkyrie aircraft**
USE B-70 aircraft
- Valley (AL-KY-TN), Tennessee**
USE Tennessee Valley (AL-KY-TN)
- Valley (CA), Coachella**
USE Coachella Valley (CA)
- Valley (CA), Death**
USE Death Valley (CA)
- Valley (CA), Imperial**
USE Imperial Valley (CA)
- Valley (CA), Palo Verde**
USE Palo Verde Valley (CA)
- Valley (CA), Sacramento**
USE Sacramento Valley (CA)
- Valley (CA), San Joaquin**
USE San Joaquin Valley (CA)
- Valley (Colombia), Magdalena-Cauca**
USE Magdalena-Cauca Valley (Colombia)
- Valley (MD-VA-WV), Potomac River**
USE Potomac River Valley (MD-VA-WV)
- Valley (North America), St Lawrence**
USE St Lawrence Valley (North America)
- Valley (VA), Shenandoah**
USE Shenandoah Valley (VA)
- valleys**
- valleys, rift**
USE valleys
- Valsalva exercise**
- Valsalva maneuver**
USE Valsalva exercise
- value**
- value engineering**
- value problems, boundary**
USE boundary value problems
- value problems, initial**
USE boundary value problems
- values, eigen**
USE eigenvalues
- values, extremum**
USE extremum values
- values, mean square**
USE mean square values
- values, nominal**
USE approximation
- values, Q**
USE Q values
- valves**
- valves, artificial heart**
USE artificial heart valves
- valves, automatic control**
USE automatic control valves
- valves, butterfly**
USE butterfly valves
- valves, control**
USE control valves
- (valves), dampers**
USE dampers (valves)
- valves, fuel**
USE fuel valves
- valves, gas**
USE gas valves
- valves, heart**
USE heart valves
- valves, hydraulic**
USE valves
hydraulic equipment
- valves, light**
USE light valves
- valves, relief**
USE relief valves
- valves, solenoid**
USE solenoid valves
- Vampire aircraft**
USE DH 115 aircraft
- Vampire MK 35 aircraft**
- Van Allen radiation belts**
USE radiation belts
- Van Biesbroeck star**
- Van de Graaff accelerators**
- Van der Waals forces**
- Van Slyke method**
- vanadates**
- vanadates, calcium**
USE calcium vanadates
- vanadium**
- vanadium alloys**
- vanadium carbides**
- vanadium compounds**
- vanadium isotopes**
- vanadium oxides**
- vanadyl compounds**
- vanadyl radical**
- vaneless diffusers**
- vanes**
- vanes, guide**
USE guide vanes
- vanes, jet**
USE jet vanes
- vanes, tip**
USE tip vanes
- vanes, wind**
USE wind vanes
- Vanguard project**
- Vanguard satellites**
- Vanguard 1 satellite**
- vanguard 2 launch vehicle**
- Vanguard 2 satellite**

Vanguard 3 satellite

Vanguard 3 satellite

vans

USE trucks

vapor barrier clothing

vapor, cesium

USE cesium vapor

vapor deposition

vapor deposition, chemical

USE vapor deposition

vapor deposition, metalorganic chemical

USE metalorganic chemical vapor deposition

(vapor deposition), MOCVD

USE metalorganic chemical vapor deposition

(vapor deposition), OMCVD

USE metalorganic chemical vapor deposition

vapor deposition, organometallic

USE metalorganic chemical vapor deposition

vapor desposition, metalorganic chemical

USE metalorganic chemical vapor deposition

vapor equilibrium, liquid-

USE liquid-vapor equilibrium

vapor generators

USE vaporizers

vapor generators, cavity

USE cavity vapor generators

vapor infiltration, chemical

USE chemical vapor infiltration

vapor interfaces, liquid-

USE liquid-vapor interfaces

vapor jets

vapor lamps, alkali

USE alkali vapor lamps

vapor lasers, metal

USE metal vapor lasers

vapor liquid equilibrium

USE liquid-vapor equilibrium

vapor, mercury

USE mercury vapor

vapor phase epitaxy

vapor phases

vapor pressure

vapor, sodium

USE sodium vapor

vapor trails

USE contrails

vapor traps

vapor, water

USE water vapor

vaporization heat

USE heat of vaporization

vaporization, heat of

USE heat of vaporization

vaporization, pre

USE prevaporization

vaporizers

vaporizing

(vaporizing), flashing

USE flashing (vaporizing)

vapors

vapors, metal

USE metal vapors

varactor diode circuits

varactor diodes

varactors

USE varactor diodes

variability

variable

variable amplitude loading

variable area wings

USE trailing edge flaps

variable cycle engines

variable geometry structures

variable lift

USE lift

variable mass systems

variable pitch propellers

variable stars

variable stars, irregular

USE irregular variable stars

variable stars, semiregular

USE semiregular variable stars

variable stream control engines

variable sweep wings

variable thrust

variables, cataclysmic

USE cataclysmic variables

variables, cepheid

USE cepheid variables

variables, complex

USE complex variables

variables, dependent

USE dependent variables

variables, independent

USE independent variables

variables), integration (real

USE measure and integration

variables, long period

USE Mira variables

variables, Mira

USE Mira variables

variables, random

USE random variables

variables, real

USE real variables

variance

variance, analysis of

USE analysis of variance

variance, co

USE covariance

variance orbit determination, minimum

USE minimum variance orbit determination

variance (statistics)

variation diminishing schemes, total

USE TVD schemes

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variation indicators, voltage

USE voltmeters

variation method

USE calculus of variations

variation, twenty-seven day

USE twenty-seven day variation

variational principles

variational theorem, Castigliano

USE Castigliano variational theorem

variations

variations, annual

USE annual variations

variations, calculus of

USE calculus of variations

variations, diurnal

USE diurnal variations

variations, magnetic

USE magnetic variations

variations, nocturnal

USE nocturnal variations

variations, periodic

USE periodic variations

variations, seasonal

USE annual variations

variations, secular

USE secular variations

variations, wind

USE wind variations

variometers

varistors

varnishes

vascular accidents, cerebral

USE cerebral vascular accidents

vascular system

USE cardiovascular system

vasoconstriction

vasoconstrictor drugs

vasodilation

vasomotor nervous system

USE nervous system

Vatican City

VATOL aircraft

VAX computers

VAX-11 series computers

VAX-11/780 computer

VC-10 aircraft

VC-10 aircraft, Vickers

USE VC-10 aircraft

VCE

USE variable cycle engines

VCO

USE voltage controlled oscillators

vector analysis

vector calculus

USE vector spaces

NASA THESAURUS VOLUME 2

(vector calculus), Stokes theorem
USE Stokes theorem (vector calculus)

vector control
USE directional control

vector control, thrust
USE thrust vector control

vector currents

vector dominance model

vector mesons

vector processing (computers)

vector quantization

vector recorders, force
USE force vector recorders

vector spaces

vector splitting, flux
USE flux vector splitting

vectorcardiography

(vectors), curl
USE curl (vectors)

vectors, eigen
USE eigenvectors

vectors (mathematics)

vectors, state
USE state vectors

Vega launch vehicle

Vega project

Vega rocket vehicle
USE Vega launch vehicle

Vegard-Kaplan bands

vegetables

vegetation

(vegetation), canopies
USE canopies (vegetation)

vegetation, diseased
USE plant diseases

vegetation growth

vegetative index

Veh Design, Integ Program for Aerospace
USE IPAD

vehicle, Ablestar launch
USE Ablestar launch vehicle

vehicle, Aerobee rocket
USE Aerobee rocket vehicle

vehicle, Agena A rocket
USE Agena A rocket vehicle

vehicle, Agena B rocket
USE Agena B launch vehicle

vehicle, Agena C rocket
USE Agena C rocket vehicle

vehicle, Agena D rocket
USE Agena D rocket vehicle

vehicle, Antares rocket
USE Antares rocket vehicle

vehicle, Apache rocket
USE Apache rocket vehicle

vehicle, Arcon rocket
USE Arcon rocket vehicle

vehicle, Ariane launch
USE Ariane launch vehicle

vehicle, Astro
USE Astro vehicle

vehicle, Astrobee 1500 rocket
USE Astrobee 1500 rocket vehicle

vehicle, Athena rocket
USE Athena rocket vehicle

vehicle, Atlas Able 5 launch
USE Atlas Able 5 launch vehicle

vehicle, Atlas Agena B launch
USE Atlas Agena B launch vehicle

vehicle, Atlas Centaur launch
USE Atlas Centaur launch vehicle

vehicle, Atlas SLV-3 launch
USE Atlas SLV-3 launch vehicle

vehicle, Berenice rocket
USE Berenice rocket vehicle

vehicle, Black Arrow launch
USE Black Knight rocket vehicle

vehicle, Black Knight rocket
USE Black Knight rocket vehicle

vehicle, Blue Scout rocket
USE Blue Scout rocket vehicle

vehicle, Blue Streak launch
USE Blue Streak launch vehicle

vehicle, Cajun rocket
USE Cajun rocket vehicle

vehicle, Centaur
USE Centaur launch vehicle

vehicle, Centaur launch
USE Centaur launch vehicle

vehicle checkout program, space
USE space vehicle checkout program

vehicle configurations, launch
USE launch vehicle configurations

vehicle control, space
USE spacecraft control

vehicle, Delta launch
USE Delta launch vehicle

vehicle, Diamant launch
USE Diamant launch vehicle

vehicle, Dornier paraglider rocket
USE Dornier paraglider rocket vehicle

vehicle, Eldo launch
USE Eldo launch vehicle

vehicle, Europa 1 launch
USE Europa 1 launch vehicle

vehicle, Europa 2 launch
USE Europa 2 launch vehicle

vehicle, Europa 3 launch
USE Europa 3 launch vehicle

vehicle, Europa 4 launch
USE Europa 4 launch vehicle

vehicle, FDL-5 reentry
USE FDL-5 reentry vehicle

vehicle, FFAR rocket
USE Folding Fin aircraft rocket vehicle

vehicle program, terminal configured

vehicle, Folding Fin aircraft rocket
USE Folding Fin aircraft rocket vehicle

vehicle, Genie rocket
USE Genie rocket vehicle

vehicle, HL-10 reentry
USE HL-10 reentry vehicle

vehicle, HLD-35 reentry
USE HLD-35 reentry vehicle

vehicle, Honest John rocket
USE Honest John rocket vehicle

vehicle, HOTOL launch
USE HOTOL launch vehicle

vehicle, Hyla-Star rocket
USE Hyla-Star rocket vehicle

vehicle, Jabiru rocket
USE Jaguar rocket vehicle

vehicle, Jaguar rocket
USE Jaguar rocket vehicle

vehicle, Javelin rocket
USE Javelin rocket vehicle

vehicle, Juno 1 launch
USE Juno 1 launch vehicle

vehicle, Juno 2 launch
USE Juno 2 launch vehicle

vehicle, Jupiter C rocket
USE Jupiter C rocket vehicle

vehicle, Kappa 8 rocket
USE Kappa 8 rocket vehicle

vehicle, Kappa 9 rocket
USE Kappa 9 rocket vehicle

vehicle, Little Joe 2 launch
USE Little Joe 2 launch vehicle

vehicle, Little John rocket
USE Little John rocket vehicle

vehicle, Loki rocket
USE Loki rocket vehicle

(vehicle), LRV
USE lunar roving vehicles

vehicle, MB-1 rocket
USE Genie rocket vehicle

vehicle, Meteor 1 rocket
USE Meteor 1 rocket vehicle

vehicle, Nike-Apache rocket
USE Nike-Apache rocket vehicle

vehicle, Nike-Cajun rocket
USE Nike-Cajun rocket vehicle

vehicle, Nike-Hydac rocket
USE Nike-Hydac rocket vehicle

vehicle, Nike-Iroquois rocket
USE Nike-Iroquois rocket vehicle

vehicle, Nike-Javelin rocket
USE Nike-Javelin rocket vehicle

vehicle, Nike-Tomahawk rocket
USE Nike-Tomahawk rocket vehicle

vehicle, Nomad launch
USE Nomad launch vehicle

Vehicle Program, National Launch
USE National Launch Vehicle Program

vehicle program, terminal configured
USE terminal configured vehicle program

vehicle, RAM B launch

vehicle, RAM B launch
USE RAM B launch vehicle

vehicle, Rubis rocket
USE Rubis rocket vehicle

vehicle, Saturn D launch
USE Saturn D launch vehicle

vehicle, Saturn 1 SA-1 launch
USE Saturn 1 SA-1 launch vehicle

vehicle, Saturn 1 SA-2 launch
USE Saturn 1 SA-2 launch vehicle

vehicle, Saturn 1 SA-3 launch
USE Saturn 1 SA-3 launch vehicle

vehicle, Saturn 1 SA-4 launch
USE Saturn 1 SA-4 launch vehicle

vehicle, Saturn 1 SA-5 launch
USE Saturn 1 SA-5 launch vehicle

vehicle, Saturn 1 SA-6 launch
USE Saturn 1 SA-6 launch vehicle

vehicle, Saturn 1 SA-7 launch
USE Saturn 1 SA-7 launch vehicle

vehicle, Saturn 1 SA-8 launch
USE Saturn 1 SA-8 launch vehicle

vehicle, Saturn 1 SA-9 launch
USE Saturn 1 SA-9 launch vehicle

vehicle, Saturn 1 SA-10 launch
USE Saturn 1 SA-10 launch vehicle

vehicle, Scout launch
USE Scout launch vehicle

vehicle, Skylark rocket
USE Skylark rocket vehicle

vehicle, Thor Able rocket
USE Thor Able rocket vehicle

vehicle, Thor Agena launch
USE Thor Agena launch vehicle

vehicle, Thor Delta launch
USE Thor Delta launch vehicle

vehicle, Titan Centaur launch
USE Titan Centaur launch vehicle

vehicle, titan 3 launch
USE titan 3 launch vehicle

vehicle, Titan 4 launch
USE Titan 4 launch vehicle

vehicle, trailblazer 1 reentry
USE trailblazer 1 reentry vehicle

vehicle, Trailblazer 1 rocket
USE trailblazer 1 reentry vehicle

vehicle, trailblazer 2 reentry
USE trailblazer 2 reentry vehicle

vehicle, Trailblazer 2 rocket
USE trailblazer 2 reentry vehicle

vehicle, vanguard 2 launch
USE vanguard 2 launch vehicle

vehicle, Vega launch
USE Vega launch vehicle

vehicle, Vega rocket
USE Vega launch vehicle

vehicle, Venus fly trap rocket
USE Venus fly trap rocket vehicle

vehicle, Viking rocket
USE Viking rocket vehicle

vehicle, Viking 1975 entry
USE Viking 1975 entry vehicle

vehicle wheels

vehicle, X-17 reentry
USE X-17 reentry vehicle

vehicle, X-30
USE X-30 vehicle

vehicle, Zuni rocket
USE Zuni rocket vehicle

vehicle 3, standard launch
USE Atlas SLV-3 launch vehicle

vehicle 5, standard launch
USE standard launch vehicle 5

vehicles

vehicles, aerodynamic
USE aircraft

vehicles, aeroquatic
USE aeroquatic vehicles

vehicles, aerospace
USE aerospace vehicles

vehicles, Agena rocket
USE Agena rocket vehicles

vehicles, air cushion
USE ground effect machines

vehicles, amphibious
USE amphibious vehicles

vehicles, Arcas rocket
USE Arcas rocket vehicles

vehicles, Argo rocket
USE Argo rocket vehicles

vehicles, Astrobee rocket
USE Astrobee rocket vehicles

vehicles, Atlas Agena launch
USE Atlas Agena launch vehicles

vehicles, Atlas launch
USE Atlas launch vehicles

vehicles, automated guideway transit
USE automated guideway transit vehicles

vehicles, automated mixed traffic
USE automated mixed traffic vehicles

vehicles, automated transit
USE automated transit vehicles

vehicles, ballistic
USE ballistic vehicles

vehicles, boostglide
USE boostglide vehicles

vehicles, captured air bubble
USE captured air bubble vehicles

vehicles, control configured
USE control configured vehicles

vehicles, drone
USE drone vehicles

vehicles, electric hybrid
USE electric hybrid vehicles

vehicles, electric motor
USE electric motor vehicles

vehicles, Europa launch
USE Europa launch vehicles

vehicles, extraterrestrial roving
USE roving vehicles

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vehicles, flight
USE flight vehicles

vehicles, flight test
USE flight test vehicles

vehicles, heavy lift launch
USE heavy lift launch vehicles

vehicles, hovering rocket
USE hovering rocket vehicles

(vehicles), hydroplanes
USE hydroplanes (vehicles)

vehicles, hypersonic
USE hypersonic vehicles

vehicles, intraorbit transfer
USE intraorbit transfer vehicles

vehicles, Juno launch
USE Juno launch vehicles

vehicles, Kappa rocket
USE Kappa rocket vehicles

vehicles, Lambda rocket
USE Lambda rocket vehicles

vehicles, launch
USE launch vehicles

vehicles, lifting reentry
USE lifting reentry vehicles

vehicles, low observable reentry
USE low observable reentry vehicles

vehicles, lunar flying
USE lunar flying vehicles

vehicles, lunar roving
USE lunar roving vehicles

vehicles, lunar surface
USE lunar surface vehicles

vehicles, Lunokhod lunar roving
USE Lunokhod lunar roving vehicles

vehicles, magnetic levitation
USE magnetic levitation vehicles

vehicles, manned lunar surface
USE manned lunar surface vehicles

vehicles, military
USE military vehicles

vehicles, motor
USE motor vehicles

vehicles, multiengine
USE multiengine vehicles

vehicles, multistage rocket
USE multistage rocket vehicles

vehicles, Nike rocket
USE Nike rocket vehicles

vehicles, nonlifting
USE ballistic vehicles

vehicles, Nova launch
USE Nova launch vehicles

vehicles, nuclear engine for rocket
USE nuclear engine for rocket vehicles

vehicles, orbit transfer
USE orbit transfer vehicles

vehicles, orbital maneuvering
USE orbital maneuvering vehicles

vehicles, Ranger lunar landing
USE Ranger lunar landing vehicles

vehicles, recoverable launch
USE recoverable launch vehicles

vehicles, recovery
USE recovery vehicles

vehicles, reentry
USE reentry vehicles

vehicles, remotely piloted
USE remotely piloted vehicles

vehicles, research
USE research vehicles

vehicles, reusable launch
USE reusable launch vehicles

vehicles, roadway powered
USE roadway powered vehicles

vehicles, rocket
USE rocket vehicles

vehicles, rotating
USE rotating bodies
vehicles

vehicles, roving
USE roving vehicles

vehicles, Saturn launch
USE Saturn launch vehicles

vehicles, Saturn 1 launch
USE Saturn 1 launch vehicles

vehicles, Saturn 1B launch
USE Saturn 1B launch vehicles

vehicles, Saturn 2 launch
USE Saturn 2 launch vehicles

vehicles, Saturn 5 launch
USE Saturn 5 launch vehicles

Vehicles, Shuttle Derived
USE Shuttle Derived Vehicles

vehicles, single stage rocket
USE single stage rocket vehicles

vehicles, single stage to orbit
USE single stage to orbit vehicles

vehicles, Skua rocket
USE Skua rocket vehicles

vehicles, SLV (soft landing)
USE soft landing spacecraft

vehicles, space
USE spacecraft

vehicles, standard launch
USE standard launch vehicles

vehicles, surface
USE surface vehicles

(vehicles), suspension systems
USE suspension systems (vehicles)

vehicles, tanks (combat)
USE tanks (combat vehicles)

vehicles, test
USE test vehicles

vehicles, Thor launch
USE Thor launch vehicles

vehicles, Thorad launch
USE Thorad launch vehicles

vehicles, titan launch
USE titan launch vehicles

vehicles, tracked
USE tracked vehicles

vehicles, transatmospheric
USE transatmospheric vehicles

vehicles, transport
USE transport vehicles

vehicles, underwater
USE underwater vehicles

vehicles, Veronique rocket
USE Veronique rocket vehicles

vehicles, water
USE water vehicles

vehicles, winged
USE winged vehicles

vehicular tracks

veins

Vela satellites

velardeneite
USE gehlenite

velocimeters, laser doppler
USE laser doppler velocimeters

velocimetry, particle image
USE particle image velocimetry

velocimetry, particle image displacement
USE particle image velocimetry

(velocimetry), PIDV
USE particle image velocimetry

(velocimetry), PIV
USE particle image velocimetry

velocity

velocity, acoustic
USE acoustic velocity

velocity, angular
USE angular velocity

velocity coupling

velocity, critical
USE critical velocity

velocity distribution

velocity errors

velocity, escape
USE escape velocity

velocity, exhaust
USE exhaust velocity

velocity fields
USE velocity distribution

velocity, flow
USE flow velocity

velocity, group
USE group velocity

velocity, hyper
USE hypervelocity

velocity, low
USE low speed

velocity measurement

velocity measurement, wind
USE wind velocity measurement

velocity modulation

velocity, orbital
USE orbital velocity

velocity, parabolic
USE escape velocity

velocity, phase
USE phase velocity

velocity profiles
USE velocity distribution

velocity, propagation
USE propagation velocity

velocity, radial
USE radial velocity

velocity, relativistic
USE relativistic velocity

velocity sensors, image
USE image velocity sensors

velocity, solar
USE solar velocity

velocity, solar wind
USE solar wind velocity

velocity, sound
USE acoustic velocity

velocity, terminal
USE terminal velocity

velocity, wind
USE wind velocity

Venant flexure problem, Saint
USE Saint Venant principle

Venant flexure problem, St
USE Saint Venant principle

Venant principle, Saint
USE Saint Venant principle

veneers

Venera satellites

Venera 2 satellite

Venera 3 satellite

Venera 4 satellite

Venera 5 satellite

Venera 6 satellite

Venera 7 satellite

Venera 8 satellite

Venera 9 satellite

Venera 10 satellite

Venera 11 satellite

Venera 12 satellite

Veneziano model

Venezuela

Venn diagrams

Venom aircraft
USE DH 112 aircraft

Venom aircraft, de Havilland
USE DH 112 aircraft

ventilation

ventilation fans

ventilation, hyper
USE hyperventilation

ventilation, hypo

ventilation, hypo
USE hypoventilation

ventilators

venting

ventral sections

ventricles, cardiac
USE cardiac ventricles

ventricles, cerebral
USE cerebral ventricles

vents

Venturi tubes

Venus atmosphere

Venus clouds

Venus fly trap rocket vehicle

Venus Orbiter, Pioneer
USE Pioneer Venus 1 spacecraft

Venus orbiting imaging radar (spacecraft)

Venus (planet)

Venus probes

Venus radar echoes

Venus Radar Mapper
USE Magellan spacecraft (NASA)

Venus Radar Mapper Project
USE Magellan project (NASA)

Venus spacecraft, Pioneer
USE Pioneer Venus spacecraft

Venus surface

Venus trajectories, Earth-
USE Earth-Venus trajectories

Venus 1 spacecraft, Pioneer
USE Pioneer Venus 1 spacecraft

Venus 2 entry probes, Pioneer
USE Pioneer Venus 2 entry probes

Venus 2 Multiprobe spacecraft, Pioneer
USE Pioneer Venus 2 spacecraft

Venus 2 night probe, Pioneer
USE Pioneer Venus 2 night probe

Venus 2 sounder probe, Pioneer
USE Pioneer Venus 2 sounder probe

Venus 2 spacecraft, Pioneer
USE Pioneer Venus 2 spacecraft

Venus 2 transporter bus, Pioneer
USE Pioneer Venus 2 transporter bus

Venus 67 spacecraft, Mariner
USE Mariner Venus 67 spacecraft

Venus-Mercury 1973, Mariner
USE Mariner Venus-Mercury 1973

verbal communication

Verde, Cape
USE Cape Verde

Verde Valley (CA), Palo
USE Palo Verde Valley (CA)

verification (computers), program
USE program verification (computers)

verification (proving)
USE proving

vermiculite

Vermont

Verneuil process

Vernier engines

vernine
USE guanosines

Veronique rocket vehicles

versatility

vertebrae

vertebral column
USE spine

vertebrates

vertebrates, in
USE invertebrates

vertical air currents

vertical attitude takeoff-landing aircraft
USE VATOL aircraft

vertical distribution

vertical fins
USE fins

vertical flight

vertical junction solar cells

vertical landing

vertical landing aircraft, short takeoff &
USE STOVL aircraft

vertical motion

vertical motion simulators

vertical orientation

vertical perception

vertical stabilizers
USE stabilizers (fluid dynamics)

vertical tails
USE stabilizers (fluid dynamics)
tail assemblies

vertical takeoff

vertical takeoff aircraft

vertical takeoff and landing
USE vertical takeoff
vertical landing

vertical 8 rocket

vertices
USE apexes

vertigo

Vertol military helicopters
USE Boeing aircraft

very high frequencies

very high frequency radio equipment

Very High Resolution Radiometer, Advanced
USE Advanced Very High Resolution Radiometer

very high speed integrated circuits
USE VHSIC (circuits)

Very Large Array (VLA)

very large scale integration

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very long base interferometry

Very Long Baseline Array (VLBA)

very low frequencies

very small aperture terminals
USE VSAT (network)

vessel design, pressure
USE pressure vessel design

vessels

vessels, blood
USE blood vessels

vessels, pressure
USE pressure vessels

Vesta asteroid

vestibular nystagmus

vestibular tests

vestibules

vests

veterinary medicine

VFR (rules)
USE visual flight rules

VHF omnirange navigation

VHSIC (circuits)

VI
USE Virgin Islands

viability

vibration

vibration, bending
USE bending vibration

vibration, breathing
USE breathing vibration

vibration, combustion
USE combustion vibration

vibration dampers
USE vibration isolators

vibration damping

vibration effects

vibration, forced
USE forced vibration

vibration, free
USE free vibration

vibration isolators

vibration, linear
USE linear vibration

vibration measurement

vibration meters

vibration, missile
USE missile vibration

vibration mode

vibration, mode of
USE vibration mode

vibration perception

vibration protection
USE vibration isolators

vibration, random
USE random vibration

vibration, resonant
USE resonant vibration

vibration, self induced
USE self induced vibration

vibration simulators

vibration, structural
USE structural vibration

vibration testing machines
USE vibration simulators

vibration tests

vibration, torsional
USE torsional vibration

vibration, transverse
USE transverse oscillation

vibrational freezing

vibrational frequencies (molecular)
USE vibrational spectra

vibrational frequencies (structural)
USE resonant frequencies

vibrational relaxation
USE molecular relaxation

vibrational spectra

vibrational states

vibrational stress

vibrations, acoustic
USE sound waves

vibrations, lattice
USE lattice vibrations

vibrations, magnetoelastic
USE magnetoelastic waves

vibrators, multi
USE multivibrators

vibratory loads

vibratory motion equations, forced
USE equations
forced vibration

vibratory polishing

vibrocardiography
USE phonocardiography

vibrometers
USE vibration meters

VIC method
USE vortex in cell technique

Vickers Scimitar aircraft
USE Scimitar aircraft

Vickers Valiant aircraft
USE Valiant aircraft

Vickers VC-10 aircraft
USE VC-10 aircraft

Vickers 1100 aircraft
USE VC-10 aircraft

Victor MK-1 aircraft

video communication

video, compressed
USE video compression

video compression

video data

video disks

video equipment

video landmark acquisition and tracking

video signals

video tape recorders

video tapes

Vidicon Camera System (AVCS), Advanced
USE Advanced Vidicon Camera System (AVCS)

vidicons

vidicons, return beam
USE return beam vidicons

Vietnam

Vietnam, North
USE Vietnam

Vietnam, Republic of
USE Vietnam

Vietnam, South
USE Vietnam

view effects

view, field of
USE field of view

viewing

Viewing Applications Laboratory, Earth
USE Earth Viewing Applications Laboratory

Vigilante aircraft
USE A-5 aircraft

vignetting

vigor, crop
USE crop vigor

vigor, timber
USE timber vigor

Viking lander spacecraft

Viking lander 1

Viking lander 2

Viking Mars program

Viking orbiter spacecraft

Viking orbiter 1

Viking orbiter 2

Viking orbiter 1975

Viking rocket vehicle

Viking spacecraft

Viking 1 spacecraft

Viking 2 spacecraft

Viking 1975 entry vehicle

vineyards

vinti theory

vinyl copolymers

vinyl cyanide
USE acrylonitriles

vinyl ethylene
USE butadiene

vinyl polymers

vinyl radical

vinylidene

violence

Viper engine, Bristol-Siddeley
USE Bristol-Siddeley Viper engine

viral diseases

Virgin Islands

Virginia

Virginia, West
USE West Virginia

Virgo galactic cluster

Virgo star cluster
USE Virgo galactic cluster

virial coefficients

virial theorem

virtual memory systems

virtual properties

virtual reality

(virtual reality), VR
USE virtual reality

virulence

(virus), HIV
USE human immunodeficiency virus

virus, human immunodeficiency
USE human immunodeficiency virus

viruses

viruses, adeno
USE adenoviruses

viruses, computer
USE computer viruses

viscera

viscoelastic cylinders

viscoelastic damping

viscoelastic flow
USE viscoelasticity

viscoelasticity

viscoelasticity, photo
USE photoviscoelasticity

viscoelasticity, thermo
USE thermoviscoelasticity

viscometers

viscometry

viscoplastic flow
USE viscoplasticity

viscoplasticity

viscopumps

viscosity

viscosity, eddy
USE eddy viscosity

viscosity, gas

viscosity, gas

USE gas viscosity

Viscount aircraft

viscous damping

viscous drag

viscous flow

viscous fluids

visibility

visibility, low

USE low visibility

visible infrared spin scan radiometer

visible radiation

USE light (visible radiation)

(visible radiation), light

USE light (visible radiation)

visible spectrum

vision

vision, binocular

USE binocular vision

vision, color

USE color vision

vision, computer

USE computer vision

vision, machine

USE computer vision

vision, macular

USE vision

vision, monocular

USE monocular vision

vision, night

USE night vision

vision, peripheral

USE peripheral vision

vision, stereoscopic

USE stereoscopic vision

visors

visual accommodation

visual acuity

visual aids

visual control

visual discrimination

visual displays

USE display devices

visual equipment, audio

USE audio visual equipment

visual fields

visual flight

visual flight rules

visual material, audio

USE audio visual material

visual observation

visual perception

visual photometry

visual pigments

visual signals

visual stimuli

visual tasks

visual tracking

USE optical tracking

visualization, data

USE scientific visualization

visualization, flow

USE flow visualization

visualization, numerical flow

USE numerical flow visualization

visualization of flow

USE flow visualization

visualization, scientific

USE scientific visualization

vitamin A

USE retinene

vitamin B

USE thiamine

vitamin B complex

USE biotin

vitamin B 2

USE riboflavin

vitamin B 6

USE pyridoxine

vitamin B 12

USE cyanocobalamin

vitamin C

USE ascorbic acid

vitamin D

USE calciferol

vitamin E

USE tocopherol

vitamin G

USE riboflavin

vitamin K

USE phyloquinone

vitamin M

USE folic acid

vitamin P

USE bioflavonoids

vitamins

Viterbi decoders

Viton rubber (trademark)

vitreous materials

vitrification

VJ-101 aircraft

VJ-101 aircraft, Sud

USE VJ-101 aircraft

(VLA), Very Large Array

USE Very Large Array (VLA)

Vlasov equation, Boltzmann-

USE Boltzmann-Vlasov equation

vlasov equations

(VLBA), Very Long Baseline Array

USE Very Long Baseline Array (VLBA)

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VLBI

USE very long base interferometry

VLF emission recorders

VLSI

USE very large scale integration

vocal cords

vocoders

voice

voice communication

voice control

voice data processing

Voice of America

voice translators, digital to

USE digital to voice translators

(voice translators), DIVOT

USE digital to voice translators

void ratio

voids

Voigt effect

volatility

volatilization

USE vaporizing

volcanics

USE volcanology

volcanoes

volcanoes, active

USE volcanoes

(volcanoes), cones

USE cones (volcanoes)

volcanoes, Mars

USE Mars volcanoes

volcanology

volt-ampere characteristics

Volta, Upper

USE Burkina

voltage

USE electric potential

voltage amplifiers

voltage breakdown

USE electrical faults

voltage characteristics, capacitance-

USE capacitance-voltage characteristics

voltage controlled oscillators

voltage converters (AC to AC)

voltage converters (DC to DC)

voltage generators

voltage, low

USE low voltage

voltage measurement

USE electrical measurement

voltage, open circuit

USE open circuit voltage

voltage, over

USE overvoltage

voltage regulators

voltage, threshold
USE threshold voltage

voltage variation indicators
USE voltmeters

voltages, high
USE high voltages

voltages, photo
USE photovoltages

Volterra equations

voltmeters

volume

volume balloons, constant
USE superpressure balloons

volume (biology), body
USE body volume (biology)

volume, blood
USE blood volume

volume fraction, fiber
USE fiber volume fraction

volume, heart minute
USE heart minute volume

volume method, finite
USE finite volume method

volume ramjet engines, low
USE low volume ramjet engines

volume, stroke
USE stroke volume

volumetric analysis

volumetric efficiency

volumetric strain

vomiting

Von Karman equation

von Mises theory
USE stress functions

von Zeipel method

Voodoo aircraft
USE F-101 aircraft

VOR systems
USE VHF omnirange navigation

vortex advisory system

vortex alleviation

vortex avoidance

vortex breakdown

vortex columns
USE vortices

vortex disturbances
USE vortices

vortex filaments

vortex flaps

vortex flow
USE vortices

vortex generation
USE vortex generators

vortex generators

vortex in cell technique

vortex injectors

vortex interaction, blade-
USE blade-vortex interaction

vortex lattice method

vortex precession

vortex rings

vortex shedding

vortex sheets

vortex street, Karman
USE Karman vortex street

vortex streets

vortex traps
USE trapped vortices

vortex tubes
USE vortices
Hilsch tubes

vortex-blade interaction
USE blade-vortex interaction

vortices

vortices, hairpin
USE horseshoe vortices

vortices, horseshoe
USE horseshoe vortices

vortices, trapped
USE trapped vortices

vortices, wing tip
USE wing tip vortices

vorticity

vorticity equation, Helmholtz
USE Helmholtz vorticity equation

vorticity equations

vorticity transport hypothesis

voskhod manned spacecraft

Voskhod 1 spacecraft

Voskhod 2 spacecraft

Vostok spacecraft

Vostok 1 spacecraft

Vostok 2 spacecraft

Vostok 3 spacecraft

Vostok 4 spacecraft

Vostok 5 spacecraft

Vostok 6 spacecraft

voting

Vought aircraft, Chance-
USE Chance-Vought aircraft

Vought aircraft, Ling-Temco-
USE Ling-Temco-Vought aircraft

Vought military aircraft, Chance-
USE Chance-Vought aircraft
military aircraft

vowels

Voyager project

Voyager 1 spacecraft

Voyager 2 spacecraft

Voyager 1977 mission

Voyageur helicopter
USE CH-46 helicopter

VR (virtual reality)
USE virtual reality

VSAT (network)

VT
USE Vermont

VT), Lake Champlain Basin (NY-
USE Lake Champlain Basin (NY-VT)

VTOL
USE vertical takeoff
vertical landing

VTOL aircraft
USE vertical takeoff aircraft

Vulcan aircraft

vulcanizates
USE vulcanized elastomers

vulcanizates, gum
USE vulcanized elastomers

vulcanized elastomers

vulcanizing

vulnerability

vulnerability, nuclear
USE nuclear vulnerability

Vycor

VZ-2 aircraft

VZ-8 aircraft

VZ-10 aircraft
USE XV-4 aircraft

VZ-11 aircraft
USE XV-5 aircraft

VZ-12 aircraft
USE P-1127 aircraft

W

W
USE tungsten

W devices, B-A-
USE bulk acoustic wave devices

W devices, S-A-
USE surface acoustic wave devices

W stars
USE Wolf-Rayet stars

W wings
USE variable sweep wings

W-R stars
USE Wolf-Rayet stars

WA
USE Washington

WA), Cascade Range (CA-OR-
USE Cascade Range (CA-OR-WA)

WA), Columbia River Basin (ID-OR-
USE Columbia River Basin (ID-OR-WA)

Waals forces, Van der

Waals forces, Van der
USE Van der Waals forces

Wabash River Basin (IL-IN-OH)

Wachmann comet, Schwassmann-
USE Schwassmann-Wachmann comet

wadis

wafers

wage surveys

wakefulness

wakes

wakes, aircraft
USE aircraft wakes

wakes, helicopter
USE helicopter wakes

wakes, hypersonic
USE hypersonic wakes

wakes, laminar
USE laminar wakes

wakes, near
USE near wakes

wakes, supersonic
USE supersonic wakes

wakes, swirling
USE turbulent wakes

wakes, turbulent
USE turbulent wakes

Wales

walk, random
USE random walk

walking

walking machines

wall, domain
USE domain wall

wall flow

wall jets

wall pressure

wall temperature

walled shells, thin
USE thin walled shells

Wallops Island

walls

walls, cold
USE walls
cold surfaces

walls, nozzle
USE nozzle walls

walls, porous
USE porous walls

walls, sea
USE breakwaters

walls, thick
USE thick walls

walls, thin
USE thin walls

walls, Trombe
USE Trombe walls

walls, wind tunnel
USE wind tunnel walls

Walsh function

wandering (geology), polar
USE polar wandering (geology)

Wankel engines

war games

warfare

warfare aircraft, antisubmarine
USE antisubmarine warfare aircraft

warfare, antiship
USE antiship warfare

warfare, antisubmarine
USE antisubmarine warfare

warfare, chemical
USE chemical warfare

warfare, electronic
USE electronic warfare

warfare, nuclear
USE nuclear warfare

warheads

warheads, nuclear
USE nuclear warheads

warm blooded animals
USE homeotherms

warm fronts

warming
USE heating

warming, global
USE global warming

warming, stratospheric
USE stratospheric warming

warning

Warning and Control System, Airborne
USE AWACS aircraft

warning devices
USE warning systems

warning devices, collision
USE warning systems
collision avoidance

warning signals
USE warning systems

Warning Star aircraft
USE EC-121 aircraft

Warning System, Ballistic Missile Early
USE Ballistic Missile Early Warning System

warning systems

warning systems, early
USE early warning systems

warpage

washers

washers (cleaners)

washers (spacers)

washing

washington

washout (radioactivity)
USE fallout

NASA THESAURUS VOLUME 2

WASP sounding rocket

Waspaloy

waste disposal

waste energy utilization

waste heat

waste treatment

waste utilization

waste water

wastes

(wastes), deep well injection
USE deep well injection (wastes)

wastes (fuel conversion), organic
USE organic wastes (fuel conversion)

wastes, human
USE human wastes

wastes, industrial
USE industrial wastes

wastes, liquid
USE liquid wastes

wastes, metabolic
USE metabolic wastes

wastes, nuclear
USE radioactive wastes

wastes, radioactive
USE radioactive wastes

wastes, solid
USE solid wastes

watches
USE clocks

water

water balance

Water Boiler Reactor, Los Alamos
USE Los Alamos Water Boiler Reactor

water breeder reactors, light
USE light water breeder reactors

water circulation

water, coastal
USE coastal water

water, cold
USE cold water

water color

water components test reactors, heavy
USE heavy water components test reactors

water consumption

water content
USE moisture content

water cooled reactors

water cooling
USE liquid cooling

water currents

water cycle (hydrology)
USE hydrological cycle

water, deep
USE deep water

water deprivation

water depth**water erosion****water flow****water, fresh**

USE fresh water

water, ground

USE ground water

water hammer**water heating****water, heavy**

USE heavy water

water immersion**water injection****water intakes****water interactions, air**

USE air water interactions

water jets

USE hydraulic jets

water landing**water, light**

USE light water

water loss**water management****water masers****water moderated reactors****water, nearshore**

USE nearshore water

Water Plane Area Twin Hull, Small

USE SWATH (ship)

water pollution**water, poly**

USE polywater

water, potable

USE potable water

water pressure**water purification**

USE water treatment

water quality**water reactions, metal-**

USE metal-water reactions

Water Reactor, Halden Boiling

USE Halden Boiling Water Reactor

water reactors, boiling

USE boiling water reactors

water reactors, experimental boiling

USE experimental boiling water reactors

water reactors, heavy

USE heavy water reactors

water reactors, light

USE light water reactors

water reactors, pressurized

USE pressurized water reactors

water reclamation**water recovery**

USE water reclamation

water resources**water rocket engines, hot**

USE hot water rocket engines

water runoff**water, sea**

USE sea water

water, shallow

USE shallow water

water splitting**(water), springs**

USE springs (water)

water, surface

USE surface water

water tables**water takeoff and landing aircraft****water temperature****water treatment****water tunnel tests****water tunnels**

USE hydraulic test tunnels

water, upwelling

USE upwelling water

water, vadose

USE vadose water

water vapor**water vehicles****water, waste**

USE waste water

water waves**water wheels****waterfowl****waterproofing****waters, inland**

USE inland waters

watersheds**waterwave energy****waterwave energy conversion****waterwave powered machines****waterways****wattmeters****wave amplification****wave amplifiers, traveling**

USE traveling wave amplifiers

wave antennas, gravitational

USE gravitational wave antennas

wave attenuation**wave attenuation, shock**

USE shock wave attenuation

wave control, shock

USE shock wave control

wave degradation**wave devices, bulk acoustic**

USE bulk acoustic wave devices

wave devices, surface acoustic

USE surface acoustic wave devices

wave diffraction**wave dispersion****wave drag****wave effect, brown**

USE brown wave effect

wave effect, green

USE green wave effect

wave equations**wave equations, Lamé**

USE Lamé wave equations

wave excitation**wave filters, electromagnetic**

USE electromagnetic wave filters

wave front deformation**wave front reconstruction****wave fronts****wave functions****wave generation****wave generators, shock**

USE shock wave generators

wave incidence control**wave interaction****wave interaction, shock**

USE shock wave interaction

wave lasers, continuous

USE continuous wave lasers

wave luminescence, shock

USE shock wave luminescence

wave masers, traveling

USE traveling wave masers

wave mixing, four-

USE four-wave mixing

wave model, density

USE density wave model

wave modulation, traveling

USE traveling wave modulation

wave motion

USE waves

wave orbiting telescope, kilometer

USE kilometer wave orbiting telescope

wave oscillators

USE oscillators

wave packets**wave profiles, shock**

USE shock wave profiles

wave propagation**wave propagation, ground**

USE ground wave propagation

wave propagation, shock

USE shock wave propagation

wave radar, continuous

USE continuous wave radar

wave radiation

USE electromagnetic radiation

wave radiation, long

wave radiation, long
USE long wave radiation

wave radiation, short
USE short wave radiation

wave radio equipment, ultra short
USE very high frequency radio equipment

wave radio transmission, short
USE short wave radio transmission

wave ratios, standing
USE standing wave ratios

wave reflection

wave refraction, radio
USE radio wave refraction

wave resistance

wave scattering

wave transducers, ultrasonic
USE ultrasonic wave transducers

wave transmission, electromagnetic
USE electromagnetic wave transmission

wave tubes, backward
USE backward wave tubes

wave tubes, traveling
USE traveling wave tubes

wave-particle interactions

waveforms

waveforms, sawtooth
USE sawtooth waveforms

waveguide antennas

waveguide, Earth-ionosphere
USE Earth-ionosphere waveguide

waveguide filters

waveguide lasers

waveguide tuners

waveguide windows

waveguides

waveguides, beam
USE beam waveguides

waveguides, circular
USE circular waveguides

waveguides, optical
USE optical waveguides

waveguides, rectangular
USE rectangular waveguides

waveguides, sonic
USE acoustic delay lines

wavelength division multiplexing

wavelength lasers, two-
USE two-wavelength lasers

wavelengths

wavelengths, de Broglie
USE de Broglie wavelengths

wavelet analysis

waveriders

waves

waves, Alfvén
USE magnetohydrodynamic waves

waves, backward
USE backward waves

waves, baroclinic
USE baroclinic waves

waves, bow
USE bow waves

waves, bow shock
USE shock waves

waves, capillary
USE capillary waves

waves, carrier
USE carrier waves

waves, centimeter
USE centimeter waves

waves, cnoidal
USE cnoidal waves

waves, combustion
USE flame propagation

waves, compression
USE compression waves

waves, continuous
USE continuous radiation

waves, cosmic radio
USE extraterrestrial radio waves

waves, cylindrical
USE cylindrical waves

waves, decametric
USE decametric waves

waves, decimeter
USE decimeter waves

waves, detonation
USE detonation waves

waves, diffusion
USE diffusion waves

waves, dilatational
USE dilatational waves

waves, elastic
USE elastic waves

waves, electroacoustic
USE electroacoustic waves

waves, electromagnetic
USE electromagnetic radiation

waves, electromagnetic surface
USE electromagnetic surface waves

waves, electrostatic
USE electrostatic waves

waves, expansion
USE elastic waves

waves, extraterrestrial radio
USE extraterrestrial radio waves

waves, frontal
USE frontal waves

waves, galactic radio
USE galactic radio waves

waves, gravitational
USE gravitational waves

waves, gravity
USE gravity waves

waves, H
USE H waves

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waves, horizontally polarized shear
USE SH waves

waves, hydromagnetic
USE magnetohydrodynamic waves

waves, internal
USE internal waves

waves, ion acoustic
USE ion acoustic waves

waves, ionic
USE ionic waves

waves, kilometric
USE kilometric waves

waves, Lamb
USE Lamb waves

waves, lee
USE lee waves

waves, loading
USE loads (forces)
elastic waves

waves, longitudinal
USE longitudinal waves

waves, Love
USE Love waves

waves, magnetoacoustic
USE magnetoacoustic waves

waves, magnetoelastic
USE magnetoelastic waves

waves, magnetohydrodynamic
USE magnetohydrodynamic waves

waves (meteorology), long
USE planetary waves

waves, micro
USE microwaves

waves, millimeter
USE millimeter waves

waves), modes (standing
USE modes (standing waves)

waves), nodes (standing
USE nodes (standing waves)

waves, normal shock
USE normal shock waves

waves, oblique shock
USE oblique shock waves

waves, P
USE P waves

waves, plane
USE plane waves

waves, planetary
USE planetary waves

waves, plasma
USE plasma waves

waves, plasma sound
USE plasma waves
magnetohydrodynamic waves

(waves), polarization
USE polarization (waves)

waves, polarized elastic
USE polarized elastic waves

waves, pressure
USE elastic waves

waves, radio
USE radio waves

waves, rarefaction
USE elastic waves

waves, Rayleigh
USE Rayleigh waves

waves, reflected
USE reflected waves

waves, refracted
USE refracted waves

waves, Riemann
USE Riemann waves

waves, Rossby
USE planetary waves

waves, S
USE S waves

waves, secondary
USE S waves

waves, seismic
USE seismic waves

waves, SH
USE SH waves

waves, shear
USE S waves

waves, shock
USE shock waves

waves, sine
USE sine waves

waves, sky
USE sky waves

waves, solar radio
USE solar radio emission

waves, solitary
USE solitary waves

waves, Sommerfeld
USE Sommerfeld waves

waves, sound
USE sound waves

waves, spherical
USE spherical waves

waves, spin
USE magnons

waves, square
USE square waves

waves, standing
USE standing waves

waves, stress
USE stress waves

waves, subcarrier
USE carrier waves

waves, submillimeter
USE submillimeter waves

waves, surface
USE surface waves

waves, tidal
USE tidal waves

waves, Tollmien-Schlichting
USE Tollmien-Schlichting waves

waves, transverse
USE transverse waves

waves, traveling
USE traveling waves

waves, tropospheric
USE tropospheric waves

waves, tsunami
USE tsunami waves

waves, ultrasonic
USE ultrasonic radiation

waves, unloading
USE unloading waves

waves, water
USE water waves

wax process, lost
USE investment casting

waxes

Way Galaxy, Milky
USE Milky Way Galaxy

WE-32 engine, XJ-34-
USE J-34 engine

weak energy interactions

weak interactions (field theory)

weapon system management

weapon system, typhon
USE typhon weapon system

weapon system 107A-1

weapon system 107A-2

weapon system 133A

weapon system 133B

weapon system 315A

weapon systems

weapons

weapons delivery

weapons development

weapons, fission
USE fission weapons

weapons, fusion
USE fusion weapons

weapons industry

weapons, laser
USE laser weapons

weapons, nuclear
USE nuclear weapons

weapons, space
USE space weapons

wear

wear inhibitors

wear resistance

wear tests

weather

weather air navigation, all-
USE all-weather air navigation

weather charts
USE meteorological charts

weather, cold
USE cold weather

weather conditions
USE weather

weather control
USE weather modification

weather data recorders

weather forecasting

weather forecasting, long range
USE long range weather forecasting

weather forecasting, numerical
USE numerical weather forecasting

weather forecasting, statistical
USE statistical weather forecasting

weather fronts
USE fronts (meteorology)

weather, hot
USE hot weather

weather landing systems, all-
USE all-weather landing systems

weather maps
USE meteorological charts

weather modification

weather radar
USE meteorological radar

weather reconnaissance aircraft

weather stations

weather stations, automatic
USE automatic weather stations

weather tests, cold
USE cold weather tests

weathering

weatherproofing

weaving

webbing

Weber test

Weber-Fechner law

webs

webs, girder
USE girder webs

webs (membranes)
USE membranes

webs (sheets)

webs (supports)

wedge flow

wedges

weevils, boll
USE boll weevils

Weibel instability

Weibull density functions

Weierstrass functions

weight

weight analysis

weight, body
USE body weight

weight factors
USE weight (mass)

weight indicators

weight indicators

weight, low
USE low weight

weight (mass)

weight measurement

weight, molecular
USE molecular weight

weight, organ
USE organ weight

weight ratio, thrust-
USE thrust-weight ratio

weight reduction

weight, structural
USE structural weight

weight tests, drop
USE drop tests

weighting functions

weightless fluids

weightlessness

weightlessness simulation

weights, atomic
USE atomic weights

weights, low molecular
USE low molecular weights

Weiss law, Curie-
USE Curie-Weiss law

weld strength

weld tests

weldability

welded joints

welded structures

welding

welding, arc
USE arc welding

welding, cold
USE cold welding

welding, diffusion
USE diffusion welding

welding, electric
USE electric welding

welding, electron beam
USE electron beam welding

welding, electroslag
USE electroslag welding

welding, explosive
USE explosive welding

welding, flash
USE flash welding

welding, friction
USE friction welding

welding, fusion
USE fusion welding

welding, gas
USE gas welding

welding, gas tungsten arc
USE gas tungsten arc welding

welding, laser
USE laser welding

welding machines

welding, plasma arc
USE plasma arc welding

welding, pressure
USE pressure welding

welding, TIG
USE gas tungsten arc welding

welding, tungsten inert gas
USE gas tungsten arc welding

welding, ultrasonic
USE ultrasonic welding

welds, spot
USE spot welds

well injection (wastes), deep
USE deep well injection (wastes)

well lasers, quantum
USE quantum well lasers

wells

wells, quantum
USE quantum wells

wells, square
USE square wells

Wentzel-Kramer-Brillouin method

Weser aircraft

West Africa, South
USE Namibia

West comet

West Ford project

West Germany

West Indies

West Virginia

Westar satellites

westerlies, circumpolar
USE circumpolar westerlies

Western hemisphere

Westland aircraft

Westland ground effect machines

Westland MK-10 helicopter
USE Westland Whirlwind helicopter

Westland P-531 helicopter
USE P-531 helicopter

Westland SR-N2 ground effect machine
USE Westland ground effect machines

Westland SR-N2 hovercraft
USE Westland ground effect machines

Westland SR-N3 ground effect machine
USE Westland ground effect machines

Westland SR-N3 hovercraft
USE Westland ground effect machines

Westland SR-N5 ground effect machine
USE Westland ground effect machines

Westland Whirlwind helicopter

wet cells

wet spinning

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wetlands

wetness
USE moisture content

wettability

wetting

whales

wharves

wheat

wheatstone bridges

wheel brakes

wheel infrared spectrometers, filter
USE filter wheel infrared spectrometers

wheel satellite, TIROS
USE TIROS 9 satellite

wheelchairs

wheels

wheels, counter-rotating
USE counter-rotating wheels

wheels, doughnut shape
USE toroidal wheels

wheels, fly
USE flywheels

wheels, inertia
USE counter-rotating wheels
reaction wheels

wheels, nose
USE nose wheels

wheels, reaction
USE reaction wheels

wheels, toroidal
USE toroidal wheels

wheels, turbine
USE turbine wheels

wheels, vehicle
USE vehicle wheels

wheels, water
USE water wheels

whip antennas

whiplash injuries

whirl
USE rotation

whirl instability
USE rotary stability

whirl towers

whirling
USE rotation

whirling, pre
USE prewhirling

whirling tests
USE spin tests

Whirlwind helicopter, Sikorsky
USE Sikorsky Whirlwind helicopter

Whirlwind helicopter, Westland
USE Westland Whirlwind helicopter

Whirlwind MK-10 helicopter
USE Westland Whirlwind helicopter

whisker composites

whisker reinforcement, metal
USE whisker composites

whiskers (crystals)

whispering gallery modes

whistler recorders

whistlers

Whitcomb airfoil, General Aviation
USE GAW-2 airfoil
GAW-1 airfoil

white blood cells
USE leukocytes

white dwarf stars

white holes (astronomy)

white light holography

white noise

white photography, black and
USE black and white photography

whitening, pre
USE prewhitening

whiteout

Whitham rule

Whitney-Wilcoxon U test, Mann-
USE Mann-Whitney-Wilcoxon U test

Whittaker functions

Whitworth HS-748 aircraft, AVRO
USE HS-748 aircraft

WI
USE Wisconsin

wicks

wide angle lenses

wideband
USE broadband

wideband communication

Widmanstätten structure

width

width amplitude converters, pulse
USE pulse width amplitude converters

width, band
USE bandwidth

width modulation, pulse
USE pulse duration modulation

width, pulse
USE pulse duration

width, spectral line
USE spectral line width

width, swath
USE swath width

Wiener filtering

Wiener Hopf equations

Wiener measure, Shannon-
USE Shannon-Wiener measure

wiggler magnets

Wightman theory
USE quantum theory
relativistic theory
field theory (physics)

Wigner coefficient

Wigner equation, Brillouin-
USE Brillouin-Wigner equation

Wilcoxon U test, Mann-Whitney-
USE Mann-Whitney-Wilcoxon U test

wilderness

wildlife

wildlife radiolocation

William Sound (AK), Prince
USE Prince William Sound (AK)

Williston Basin (North America)

winches

wind circulation
USE atmospheric circulation

wind direction

wind effects

wind energy
USE windpower utilization

wind erosion

wind, geostrophic
USE geostrophic wind

wind, ground
USE ground wind

wind measurement

wind (meteorology)

wind pressure

wind profiles

Wind River Range (WY)

wind shear

wind shear mechanism, Dungeys
USE wind shear

wind, solar
USE solar wind

wind tunnel apparatus

wind tunnel balances
USE wind tunnel apparatus
weight indicators

wind tunnel calibration

wind tunnel drives

wind tunnel models

wind tunnel nozzles

wind tunnel stability tests

wind tunnel tests

wind tunnel walls

wind tunnels

wind tunnels, blowdown
USE blowdown wind tunnels

wind tunnels, cascade
USE cascade wind tunnels

wind tunnels, combustion
USE combustion wind tunnels

wind tunnels, cryogenic
USE cryogenic wind tunnels

wind tunnels, hotshot
USE hotshot wind tunnels

wind tunnels, hypersonic
USE hypersonic wind tunnels

wind tunnels, hypervelocity
USE hypervelocity wind tunnels

wind tunnels, low density
USE low density wind tunnels

wind tunnels, low speed
USE low speed wind tunnels

wind tunnels, plasma jet
USE plasma jet wind tunnels

wind tunnels, rectangular
USE rectangular wind tunnels

wind tunnels, slotted
USE slotted wind tunnels

wind tunnels, subsonic
USE subsonic wind tunnels

wind tunnels, supersonic
USE supersonic wind tunnels

wind tunnels, transonic
USE transonic wind tunnels

wind tunnels, trisonic
USE trisonic wind tunnels

wind turbines

wind vanes

wind variations

wind velocity

wind velocity measurement

wind velocity, solar
USE solar wind velocity

winding

winding, filament
USE filament winding

winding, wire
USE wire winding

windings, helical
USE helical windings

windmilling
USE autorotation

windmills (windpowered machines)

window atmosphere sounding projectile
USE WASP sounding rocket

windows

windows (apertures)

windows, atmospheric
USE atmospheric windows

WINDOWS (computer programs)

windows, infrared
USE infrared windows

windows (intervals)

windows, laser
USE laser windows

windows, launch
USE launch windows

windows, waveguide
USE waveguide windows

windpower utilization

windpower utilization

windpowered generators

(windpowered machines), windmills
USE windmills (windpowered machines)

windpowered pumps

winds aloft

winds, stellar
USE stellar winds

windshields

wines

wing aircraft, C-8A augmentor
USE C-8A augmentor wing aircraft

wing aircraft, fan in
USE fan in wing aircraft

wing aircraft, fixed-
USE aircraft configurations
fixed wings

wing aircraft, flying
USE tailless aircraft

wing aircraft, free
USE free wing aircraft

wing aircraft, low
USE low wing aircraft

wing aircraft, pivoted
USE tilt wing aircraft

wing aircraft, rotary
USE rotary wing aircraft

wing aircraft, tandem
USE tandem wing aircraft

wing aircraft, tilt
USE tilt wing aircraft

wing and tail configurations, body-
USE body-wing and tail configurations

wing camber

wing configurations, body-
USE body-wing configurations

wing configurations, dual
USE dual wing configurations

wing flaps

wing flaps, jet augmented
USE wing flaps
jet flaps

wing flow method tests

wing icing
USE aircraft icing

wing loading

wing nacelle configurations

wing oscillations

wing panels

wing planforms

wing profiles

wing roots

wing rotors, x
USE x wing rotors

wing slats
USE leading edge slats

wing slots

wing span

wing tanks

wing tip vortices

wing tips

wing-fuselage stores

winged vehicles

winglets

wings

wings, aeroelastic research
USE aeroelastic research wings

wings, arrow
USE arrow wings

wings, cambered
USE cambered wings

wings, cantilever
USE wings

wings, caret
USE caret wings

wings, channel
USE channel wings

wings, cranked
USE swept wings

wings, cruciform
USE cruciform wings

wings, delta
USE delta wings

wings, diamond
USE swept wings
low aspect ratio wings

wings, fixed
USE fixed wings

wings, flexible
USE flexible wings

wings, high aspect ratio
USE slender wings

wings, infinite span
USE infinite span wings

wings, joined
USE joined wings

wings, low aspect ratio
USE low aspect ratio wings

wings, M
USE variable sweep wings

wings, mission adaptive
USE mission adaptive wings

wings, oblique
USE oblique wings

wings, ogee
USE variable sweep wings

wings, para
USE parawings

wings, rectangular
USE rectangular wings

wings, rigid
USE rigid wings

wings, ring
USE ring wings

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wings, Rogallo
USE flexible wings
folding structures

wings, rotary
USE rotary wings

wings, slender
USE slender wings

wings, straight
USE rectangular wings

wings, supercritical
USE supercritical wings

wings, swept
USE swept wings

wings, swept forward
USE swept forward wings

wings, sweptback
USE sweptback wings

wings, swing
USE swing wings

wings, tapered
USE swept wings

wings, thin
USE thin wings

wings, trapezoidal
USE trapezoidal wings

wings, triangular
USE delta wings

wings, twisted
USE twisted wings

wings, uncambered
USE uncambered wings

wings, unswept
USE unswept wings

wings, variable area
USE trailing edge flaps

wings, variable sweep
USE variable sweep wings

wings, W
USE variable sweep wings

winter

wire

wire anemometers, hot-
USE hot-wire anemometers

wire bridge circuits

wire cloth

wire control, fly by
USE fly by wire control

wire, electric
USE electric wire

wire flowmeters, hot-
USE hot-wire flowmeters

wire grid lenses

wire mesh
USE wire cloth

wire turbulence meters, hot-
USE hot-wire flowmeters
turbulence meters

wire winding

wireless communication

wires, exploding
USE exploding wires

wires, guy
USE guy wires

wiring

wiring, electric
USE wiring
electric wire

wiring systems
USE wiring

wisconsin

Wiswesser notations

with Particle Accelerators, Space Exper
USE SEPAC (payload)

WKB approximation
USE Wentzel-Kramer-Brillouin method

wobble, Chandler
USE Chandler wobble

Wolf-Rayet stars

wolfram
USE tungsten

wolves

women
USE females

wood

wood, ply
USE plywood

wooden structures

(woodpulp), Kraft process
USE Kraft process (woodpulp)

wool

word processing

words (language)

work

work capacity

work functions

work hardening

work, physical
USE physical work

work softening

work-rest cycle

workers, orbital
USE orbital workers

Workhorse helicopter
USE CH-21 helicopter

working, cold
USE cold working

working fluids

working, hot
USE hot working

working, metal
USE metal working

workloads (psychophysiology)

workshop, Saturn 1
USE Saturn 1 workshop

workshop, Saturn 5
USE Saturn 5 workshop

workshops, orbital
USE orbital workshops

workshops, Saturn
USE Saturn workshops

workstations

workstations, crew
USE crew workstations

world
USE Earth (planet)

world data centers

World Meteorological Organization

worms

worms, boll
USE bollworms

worms, flat
USE flatworms

worms, silk
USE silkworms

wound construction, filament
USE filament winding

wound healing

woven composites

Wrangell Mountains (AK)

wrap

wraparound contact solar cells
USE solar cells

wrapping, composite
USE composite wrapping

wrapping, spiral
USE spiral wrapping

wreckage

wrenches

Wright aircraft, Curtiss-
USE Curtiss-Wright aircraft

Wright military aircraft, Curtiss-
USE Curtiss-Wright aircraft
military aircraft

wrinkling

wrinkling, flange
USE flange wrinkling

wrist

writing, hand
USE handwriting

writing, technical
USE technical writing

wrought alloys

WU-2 aircraft
USE U-2 aircraft

wurtzite

WV
USE West Virginia

(WV), Potomac River Valley (MD-VA-
USE Potomac River Valley (MD-VA-WV)

WY
USE Wyoming

WY), Bighorn Mountains (MT-
USE Bighorn Mountains (MT-WY)

WY), Black Hills (SD-
USE Black Hills (SD-WY)

(WY), Wind River Range
USE Wind River Range (WY)

WY), Yellowstone National Park (ID-MT-
USE Yellowstone National Park (ID-MT-WY)

Wyoming

W2F aircraft
USE E-2 aircraft

X

X band
USE superhigh frequencies

X, ISIS-
USE ISIS-X

X mesons

X ray absorption

X ray analysis

X ray apparatus

X ray astronomy

X Ray Astrophysics Facility

X Ray Astrophysics Facility, Advanced
USE X Ray Astrophysics Facility

x ray binaries

X ray density measurement

x ray detectors

X ray diffraction

X ray fluorescence

x ray imagery

X Ray Imaging Scopes, Low Intensity
USE liscopes

X ray inspection

X ray irradiation

X ray lasers

X ray scattering

X ray sources

X ray spectra

X ray spectrography
USE X ray spectroscopy

X ray spectrometry
USE X ray spectroscopy

X Ray Spectropolarimetry Payload
USE EXPOS (Spacelab payload)

X ray spectroscopy

x ray stars

X ray stress analysis

X ray stress measurement

X ray telescopes

x ray timing Explorer

x ray tubes

x ray tubes

x rays

x rays, cosmic
USE cosmic x rays

X systems, Nike
USE Nike X systems

x wing rotors

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X-22A aircraft

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USE YBCO SUPERCONDUCTORS

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USE yttrium-aluminum garnet

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yawmeters
USE yaw
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USE C-15 aircraft

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USE C-123 aircraft

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USE International Field Year for Great Lakes

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USE International Geophysical Year

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USE International Geophysical Year

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USE International Quiet Sun Year

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yeast

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USE Southern Yemen

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USE F-22 aircraft

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USE J-93 engine

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yo-yo devices

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USE New York

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USE T-2 aircraft

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ytterblum isotopes

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yttrium alloys

yttrium compounds

yttrium isotopes

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USE UH-60A helicopter

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USE weightlessness

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zero power reactor 6

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USE Atmospheric Cloud Physics Lab (Spacelab)

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USE silver zinc batteries

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Zircalloys (trademark)

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USE barium zirconates

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zirconium hydrides

zirconium iodides

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zirconium oxides

zirconium titanates

zirconium 95

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USE zinc

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USE zonal flow (meteorology)

Zonal Earth Energy Budget Experiment

USE LZEEBE satellite

Zonal Earth Energy Experiment, Long Term

USE LZEEBE satellite

zonal flow (meteorology)**zonal harmonics****Zond space probes****Zond 1 space probe****Zond 2 space probe****Zond 3 space probe****Zond 4 space probe****Zond 5 space probe****Zond 6 space probe****Zond 7 space probe****Zond 8 space probe****Zone Color Scanner, Coastal**

USE Coastal Zone Color Scanner

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USE heat affected zone

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USE Panama Canal Zone

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USE pelagic zone

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USE anomalous temperature zones

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USE auroral zones

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USE Brillouin zones

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USE float zones

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USE intertropical convergent zones

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USE mushy zones

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USE mushy zones

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USE null zones

zones, recovery

USE recovery zones

zoology**zoom lenses****zooplankton****ZPR reactors**

USE zero power reactors

Zr

USE zirconium

Zuni rocket vehicle

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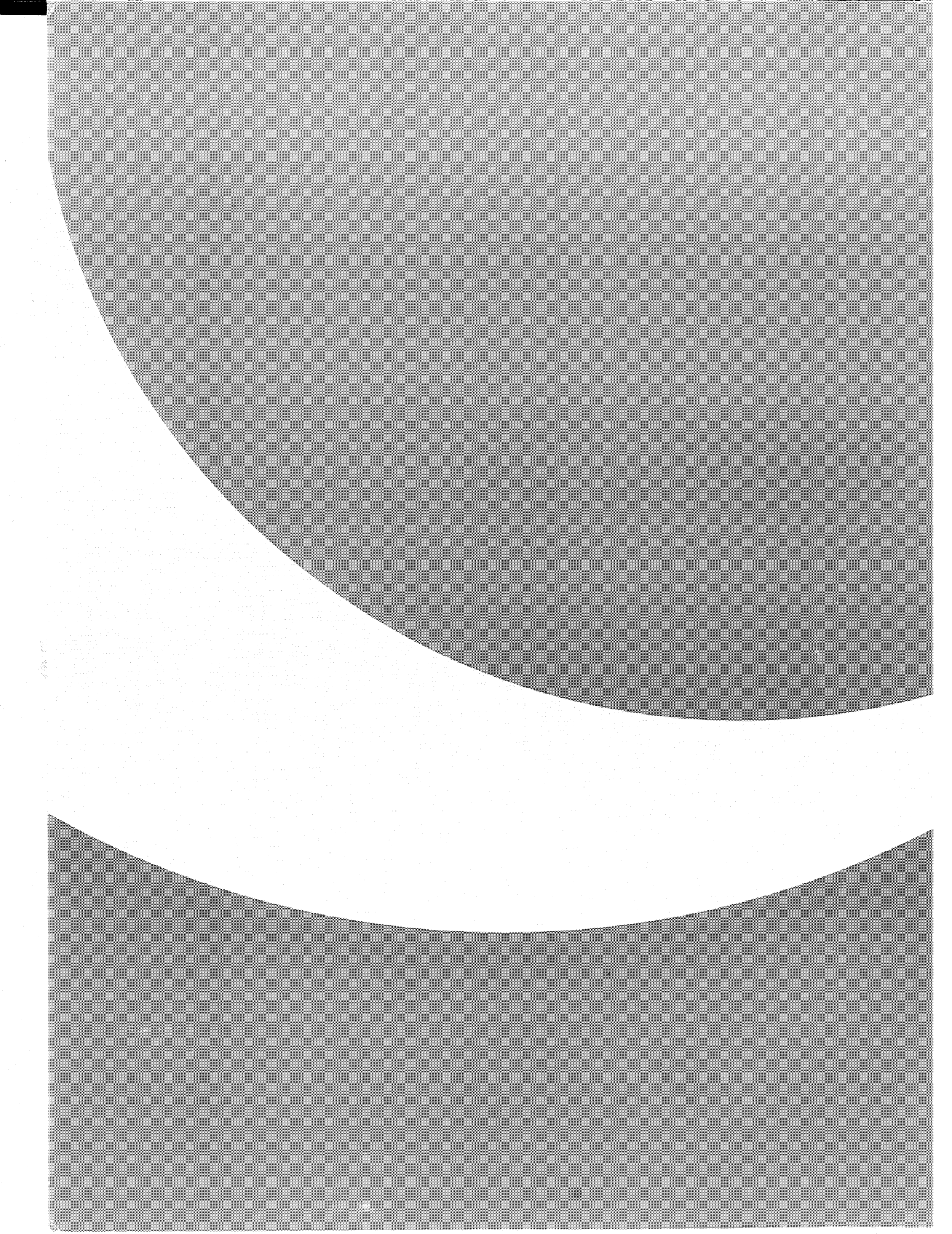
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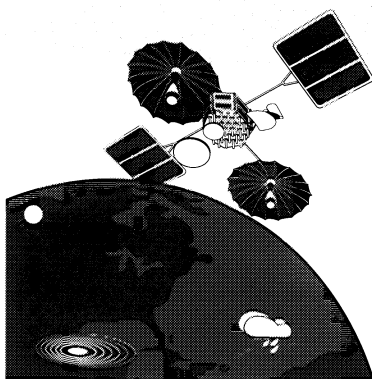
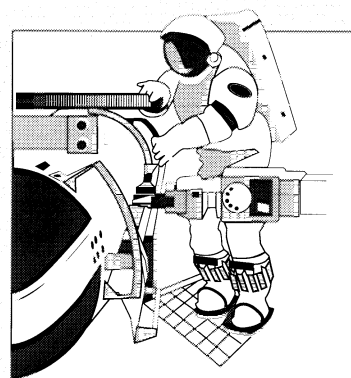
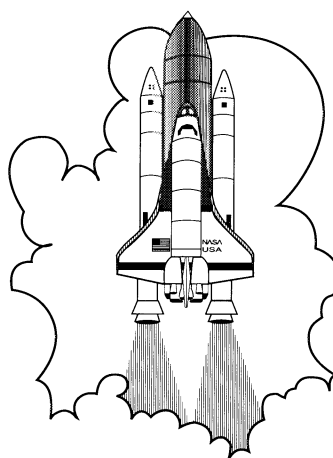


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NASA Thesaurus

VOLUME 3
Definitions
1994 Edition

National Aeronautics and Space Administration



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NASA THESAURUS

**VOLUME 3
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1994 EDITION**

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INTRODUCTION

THESAURUS TERM DEFINITIONS

Publication of *NASA Thesaurus* definitions began with *Supplement 1* to the 1985 *NASA Thesaurus*. Beginning with the 1988 edition, definitions were published as Volume 3 of the *NASA Thesaurus*. Succeeding *Supplements* will normally contain only new definitions added after the publication of the latest edition, except as identified by boldfacing.

Definitions are given for most terms added since 1976 as well as for many earlier terms. Definitions of more common or general scientific terms are given a NASA slant if one exists. Certain terms are not defined as a matter of policy: common place names, chemical elements, specific models of computers, and non-technical terms. Other terms lack definitions because the *NASA Thesaurus* predates by a number of years the systematic effort to define terms. Nevertheless, definitions of older terms are continually being added.

The following data are provided for each definition: term in uppercase-lowercase form, definition per se, source, and year the term (not the definition) was added to the *NASA Thesaurus*. The NASA History Office is the authority for capitalization in satellite and spacecraft names. Cross references for defined terms are included in uppercase and lowercase form.

SOURCES OF DEFINITIONS

Definitions with no source given were constructed by lexicographers at the NASA Center for AeroSpace Information, who rely on the following sources for their information: experts in the field, literature searches from the NASA STI Database, and specialized references.

Definitions come from the following sources:

AGI. *Glossary of Geology*, 3rd edition. Alexandria, VA, American Geological Institute, 1987.

ASTI. *Compilation of ASTM Standard Definitions*, 6th edition. Philadelphia, PA, ASTM, 1986. Copyright, the American Society for Testing and Materials (ASTM). All rights reserved. Used with the permission of ASTM. Two ASTM sources are distinguished: standards are identified by an alphanumeric designation with no hyphen; committees are identified by an alphanumeric designation with a hyphen. The original definitions appeared in the *Annual Book of ASTM Standards*.

DOE. *Energy Data Base Subject Thesaurus* (DOE/TIC-7000-R7). Oak Ridge, TN, Department of Energy, 1987.

IEEE. *Standard Dictionary of Electrical and Electronics Terms*, Fourth ed., New York, NY, IEEE, 1988.

SP-7. *Dictionary of Technical Terms for Aerospace Use*, NASA SP-7. Washington, DC, NASA, 1965.

In some cases, definitions from these sources have been subjected to minor editorial alterations, for example, to make a definition agree in number with the NASA form of the term.

BOLDFACED TERMS IN DEFINITIONS

With the third *NASA Thesaurus Supplement*, *NASA Thesaurus* terms that appear in the main text of a definition and also are defined separately are boldfaced. Such boldfaced terms, including previously defined terms will appear for the most part in the definitions part of the *Supplement*. A new program for computer-aided editing of boldfacing uses NASA's existing Machine-Aided Indexing (MAI) programs to identify variant forms of terms that can be regularized with *NASA Thesaurus* terminology and thus provide more extensive cross-referencing through boldfacing. This system of linkages facilitates the use of definitions as they are added and intertwines new definitions with previous material.

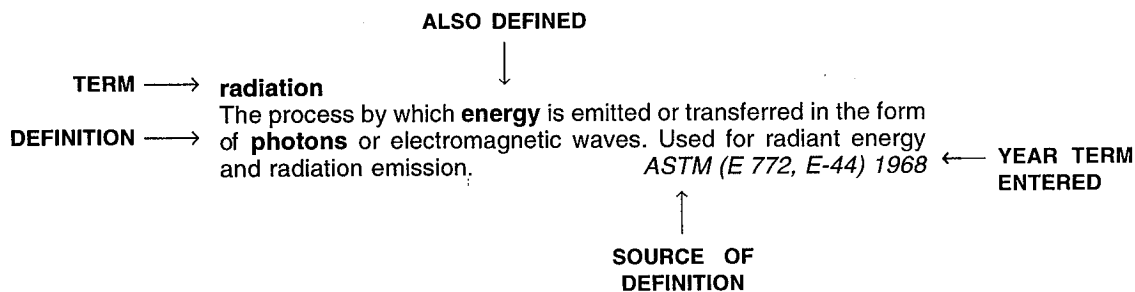
STANDARDIZED GEOLOGY DEFINITIONS INCLUDED

As noted earlier, *NASA Thesaurus* terms that have been defined in the third edition of the American Geological Institute's "Glossary of Geology" are now being added to the *NASA Thesaurus Supplements*. The "Glossary of Geology" is a standardized and widely accepted authority in the field of geology terminology. As with previous sources such as ASTM, DOE, IEEE, and SP-7, editorial alterations are sometimes made primarily for plurality and now, with the aid of MAI, of term form for boldfacing.

RETROSPECTIVE INDEXING

Since 1984, all new terms are retrospectively assigned to past database records using a method which combines automated search strategies and manual review.

TYPICAL TERM DEFINITION ENTRY



NASA THESAURUS

VOLUME 3 DEFINITIONS

A

aberration

In **astronomy**, the apparent angular **displacement** of the position of a celestial body in the direction of motion of the observer, caused by the combination of the **velocity** of the observer and the velocity of light. In optics, a specific **deviation** from perfect imagery, as, for example: spherical aberration, coma, astigmatism, curvature of field, and **distortion**. *SP-7 1968*

ablated nosetips

Use PANT program

ablation

The removal of surface material from a body by vaporization, melting, chipping, or other erosive process; specifically, the intentional removal of material from a nose cone or **spacecraft** during high speed movement through a planetary atmosphere to provide thermal protection to the underlying structure. *SP-7 1968*

ablative materials

Materials, especially coating materials, designed to provide thermal protection to a body in a fluid stream through the loss of mass.

SP-7 1968

abrasion

The surface loss of a material due to frictional forces.

ASTM (D 1566, D-11) 1968

abrasives

Rocks, **minerals**, or other substances that, owing to their superior **hardness**, **toughness**, **consistency**, or other properties, are suitable for grinding, cutting, polishing, scouring, or similar use.

ASTM (D 653, D-18) 1968

absolute zero

Temperature of -273.16 deg. C or -459.69 deg. F or 0 deg. K at which molecular motion vanishes and a body has no heat energy.

1980

absorptance

The ratio of the radiant **flux** absorbed by a body to that incident upon it.

SP-7 1968

absorption

The process by which radiant energy is absorbed and converted into other forms of energy. In general, the taking up or assimilation of one substance by another. In **vacuum** technology, gas entering the interior of a solid.

SP-7 1968

absorption bands

Use absorption spectra

absorption coefficient

Use absorptivity

absorption cooling

Refrigeration in which cooling is effected by the expansion of liquid ammonia into gas and the **absorption** of the gas by water. The ammonia is reused after the water evaporates. *1980*

absorption cross sections

In radar, cross sections characterized by the amount of power removed from a beam by **absorption** of radio energy by a target to the power in the beam incident upon the target. Used for capture cross sections. *SP-7 1968*

absorption spectra

The arrays of absorption lines and absorption bands which result from the passage of radiant energy from a continuous source through a selectively absorbing medium cooler than the source. Used for absorption bands and spectral absorption. *SP-7 1968*

absorptive index

Use absorptivity

absorptivity

The capacity of a material to absorb incident radiant energy, measured as the **absorptance** of a specimen of material thick enough to be completely opaque, and having an optically smooth surface. Used for absorption coefficient and absorptive index.

SP-7 1968

AC generators

Generators for the production of alternating-current power. Used for alternating current generators and alternators (generators).

IEEE 1968

accelerated life tests

Methods designed to approximate, in a short time, the deteriorating effects under normal long-term service conditions.

ASTM (D 1566, D-11) 1969

acceleration (physics)

The rate of change of **velocity**. The act or process of accelerating or the state of being accelerated. Used for boost and G force.

SP-7 1968

accelerators

Machines that ionize gases and electrically accelerate the **ions** onto targets.

ASTM (E 385, E-10) 1968

accelerometers

Transducers which measure acceleration or gravitational forces capable of imparting acceleration.

SP-7 1968

access control

Hardware or software features, operating procedures, or management procedures designed to permit authorized access to a computer system.

IEEE 1980

acclimatization

The adjustments of a human body or other organism to a new environment; the bodily changes which tend to increase efficiency and reduce energy loss. Used for deacclimatization. *SP-7 1968*

accommodation coefficient

The ratio of the average energy actually transferred between a surface and impinging gas **molecules** which are scattered by the surface to the average energy which would theoretically be transferred if the impinging molecules reached complete thermal equilibrium with the surface before leaving the surface. Used for thermal accommodation coefficients. *SP-7 1968*

accounting

The practice and system of recording and summarizing business and financial transactions, and reporting as well as verifying and analyzing their results. *1982*

accretion disks

Rotation disks of matter surrounding an astronomical object, such as a star, galactic nucleus, black hole, etc., which is accumulated gravitationally by the object. *1982*

accumulators

Devices or apparatus that accumulate or store. Used for collectors. *SP-7 1968*

accumulators (computers)

In computer technology, devices which store a number and upon receipt of another number add it to the number already stored and store the sum. *SP-7 1968*

accuracy

The degree of agreement of the measurements with the true value of the magnitude of the quantity measured. Used for error band and fidelity. *ASTM (E 319, E-41) 1968*

ACEE program

A NASA program started in 1975 to reduce **fuel consumption** for transport aircraft through the study of structural and aerodynamic energy efficiency as well as engine energy efficiency consisting of engine component improvement, new energy efficient **engines**, and advanced turbopropellers. The acronym stands for aircraft energy efficiency. Used for Aircraft Energy Efficiency program and energy efficiency transport program. *1982*

acetation

Use acetylation

acetylation

Substitution of an acetyl radical for an active hydrogen. Specifically, formation of **cellulose** acetate from cellulose. Used for acetation. *ASTM (D 1695, D-23) 1968*

acid rain

Low pH rainfall resulting from atmospheric reactions of **aerosols** containing chlorides and sulfates (or other **negative ions**). *1977*

acoustic delay lines

Devices used in a communications link or a computer memory in which the signal is delayed by the propagation of **sound waves**. Used for sonic waveguides. *SP-7 1968*

acoustic emission

The stress and pressure waves generated during dynamic processes in materials and used in assessing structural integrity in machined parts. *1977*

acoustic excitation

The process of inducing **vibration** in a structure by exposure to **sound waves**. *SP-7 1968*

acoustic generators

Use sound generators

acoustic levitation

Method by which molten materials in space are suspended during processing experiments in the low gravity environment. Also, the use of very intense **sound waves** to keep a body suspended, thereby eliminating any container contact. *1980*

acoustic measurement

Measurement of properties, quantities, or conditions of acoustical, i.e., mechanical waves. Used for sound measurement. *DOE 1968*

acoustic microscopes

Instruments which use acoustic radiation at microwave frequencies to allow visualization of microscopic detail exhibited in **elastic properties** of objects. Used for scanning laser acoustic microscope (SLAM). *1980*

acoustic radiation

Use sound waves

acoustic retrofitting

Modification, especially of aircraft, to effect noise reduction; specifically, the introduction of absorber materials and jet noise silencers. *1977*

acoustic streaming

Unidirectional **flow** currents in a fluid that are due to the presence of **sound waves**. *SP-7 1968*

acoustic velocity

The speed of propagation of **sound waves**. Used for sonic speed, sound barrier, and sound velocity. *SP-7 1968*

acoustic vibrations

Use sound waves

acoustics

The study of sound, including its production, **transmission**, and effects. Those qualities of an enclosure that together determine its character with respect to distinct hearing. Used for sound. *SP-7 1968*

ACPL (Spacelab)

Use Atmospheric Cloud Physics Lab (Spacelab)

acquired immunodeficiency syndrome

A condition caused by the **human immunodeficiency virus** (HIV) attacking the human body's T-cells, thereby rendering an infected individual defenseless against diseases. *1989*

actinide series

The series of elements beginning with actium, Element No. 89, and continuing through lawrencium, Element No. 103. *ASTM (C 859, C-26) 1968*

actinographs

Use actinometers

actinometers

The general name for instruments used to measure the **intensity** of radiant energy, particularly that of the **sun**. Used for actinographs and emissographs. *SP-7 1968*

activated sludge

A semiliquid mass removed from the liquid flow of sewage and subjected to aeration and aerobic microbial action. The end product is dark to golden brown, partially decomposed, granular and flocculent, and has an earthy odor when fresh. 1977

active control

The automatic activation of various control surface functions in aircraft. 1980

active glaciers

Use glaciers

active satellites

Satellites which transmit a signal, in contrast to passive satellites. SP-7 1968

actuators

Mechanisms to activate process control equipment, e.g., valves. Used for cartridge actuated devices, hydraulic actuators, and triggers. DOE 1968

acuity

The keenness of ability to detect and discriminate. ASTM (E 253, E-18) 1968

Ada (programming language)

A programming language based on PASCAL, originally developed on behalf of the US Department of Defense for use in **embedded computer systems**. It is named Ada in honor of Augusta Ada Byron, countess of Lovelace, primarily due to the fact that she was the assistant and patron of Charles Babbage and is considered the world's first programmer. 1982

adaptation

The adjustment, alteration or modification of an organism to fit it more perfectly for existence in its environment. SP-7 1968

adapters

Devices or contrivances used or designed primarily to fit or adjust one thing to another. Devices, appliances or the like used to alter something so as to make it suitable for a use for which it was not originally designed. SP-7 1968

adaptive optics

Real-time optical **correction** for atmospheric perturbations and other system error sources. 1977

additives

Materials or substances added to something else for a specific purpose. Used for doping (additives). SP-7 1968

adducts

Chemical compounds with weak bonds, e.g., occlusive or Van der Waal bonds. DOE 1968

adiabatic demagnetization cooling

Use of paramagnetic salts cooled to the boiling point of helium in a strong magnetic field, then thermally isolated and removed from the field to demagnetize the salts and attain temperatures of 10(-3) K. 1980

adobe flats

Use flats (landforms)

adsorbents

Materials which take up gases by **adsorption**. SP-7 1968

adsorption

The adhesion of a thin film of liquid or gas to the surface of a solid substance. The solid does not combine chemically with the adsorbed substance. SP-7 1968

Advanced Range Instrumentation Aircraft

An EC-135 aircraft configured for reception recording and real-time relay of **telemetry** data. 1981

Advanced Technology Laboratory

An all-pallet payload utilizing the Space Shuttle and the European Spacelab and designed to accommodate 8 to 15 experiments per mission. 1985

Advanced X Ray Astrophysics Facility

Use X Ray Astrophysics Facility

advancing glaciers

Use glaciers

advancing shorelines

Use beaches

advection

The process of transport of an atmospheric property solely by the mass motion of the atmosphere; also, the rate of change of the value of the advected property at a given point. SP-7 1968

aeroassist

Changing orbit size by utilizing **aerobraking**, **aerocapture**, or **aeromaneuvering**. 1982

aerobiology

The study of the distribution of living organisms freely suspended in the atmosphere. SP-7 1968

aerobraking

Changing orbit size by using the **upper atmosphere** to create **drag**. 1982

aerocapture

Making use of the atmosphere of a planet or planetary satellite by capturing the object and reducing the orbit size so that it remains in orbit or lands on the body. 1982

aerodynamic buzz

Use flutter

aerodynamic chords

Use chords (geometry)

aerodynamic coefficients

Any nondimensional coefficients relating to **aerodynamic forces** or moments, such as a coefficient of drag, a coefficient of lift, etc. Used for lift coefficients. SP-7 1968

aerodynamic forces

The **force** exerted by a moving gaseous fluid upon a body completely immersed in it. Used for Glauert coefficient. SP-7 1968

aerodynamic heating

The heating of a body produced by the passage of air or other gases over its surface. DOE 1968

aerodynamics

The science that deals with the motion of air and other gaseous fluids, and the forces acting on bodies when the bodies move

through such fluids, or when such fluids move against or around the bodies. Used for hydroaeromechanics. *SP-7 1968*

aeroelastic research wings

Wings that are designed with less than normal **stiffness** to test devices that suppress **flutter**. *1983*

aeroelasticity

The study of the response of structurally elastic bodies to aerodynamic loads. *SP-7 1968*

aeroembolism

The formation or liberation of gases in the blood vessels of the body, as brought on by a too-rapid change from a high, or relatively high, **atmospheric pressure** to a lower one. *SP-7 1968*

aerology

The study of the **free atmosphere** throughout its vertical extent, as distinguished from studies confined to the layer of the atmosphere adjacent to the Earth's surface. *SP-7 1968*

aeromagneto flutter

Use flutter

aeromaneuvering

Changing orbit size or plane or both by entering the **upper atmosphere** to create **drag** or lift or both. *1982*

Aeromaneuvering Orbit to Orbit Shuttle

Proposed reusable upper stage for the Space Shuttle superseded by the orbit transfer vehicle. Used for AMOOS. *1979*

aeronomy

The study of the upper regions of the atmosphere where **ionization**, **dissociation**, and chemical reactions take place. *SP-7 1968*

aerosols

Dispersions of solid or liquid particles in gaseous media. *ASTM (D 1356, D-22) 1968*

aerospace medicine

That branch of medicine dealing with the effects of flight through the atmosphere or in space upon the human body and with the prevention or cure of physiological or psychological **malfunctions** arising from these effects. *SP-7 1968*

aerospace safety

The engineering assessment and analysis of systems, subsystems, and functions of **spacecraft**, **missiles**, advanced aircraft and ground support in order to identify hazards associated with such systems and to design procedures that eliminate those hazards or determine tolerable safety levels. *1982*

aerospace technology transfer

Technology transfer germane to aircraft and space vehicles, their propulsion, guidance, etc. *1977*

aerospace vehicles

Vehicles capable of flight within and outside the sensible atmosphere. *SP-7 1968*

aerostats

Use airships

aerothermodynamics

The study of aerodynamic phenomena at sufficiently high gas velocities that thermodynamic properties of the gas are important. *SP-7 1968*

aerothermoelasticity

The study of the response of elastic structures to the combined effects of **aerodynamic heating** and loading. *SP-7 1968*

aerozine

A rocket fuel consisting of a mixture of hydrazine and unsymmetrical dimethylhydrazine (UDMH). *1968*

AFC (control)

Use automatic frequency control

afterbodies

Companion bodies that trail **satellites**. Sections or pieces of rockets or **spacecraft** that enter the atmosphere unprotected behind **nose cones** or other bodies that are protected for entry. Afterparts of vehicles. Used for cylindrical afterbodies and sterns. *SP-7 1968*

afterburners

Use afterburning

afterburning

Irregular burning of fuel left in the firing chamber of a rocket after cutoff. The function of an afterburner, a device for augmenting the **thrust** of a jet engine by burning additional fuel in the uncombined oxygen in the gases from the turbine. Used for afterburners. *SP-7 1968*

afterglows

Broad, high arches of **radiance** or glow seen occasionally in the western sky above the highest clouds in deepening twilight, caused by the **scattering** effect of very fine particles of dust suspended in the **upper atmosphere**. Also, the transient decay of a plasma after the power has been turned off. *SP-7 1968*

AGC (control)

Use automatic gain control

agricultural aircraft

Light aircraft specially equipped for agricultural applications such as **crop dusting**. *1979*

AgRISTARS project

A multiagency program utilizing Landsat **remote sensing** data to predict crop yields, land use, and detect pollution. Used for Crop Inventories by Remote Sensing. *1980*

agrophysical units

Geographic areas defined for statistical purposes by AgRISTARS personnel whose boundaries are based on natural rather than political lines for the purpose of comparing similar agricultural regions. *1983*

AGT

Use automated guideway transit vehicles

AH-1G helicopter

US Army designation for the Bell Model 209 Hueycobra attack helicopter powered by a single Avco Lycoming T53-L-13 turboshaft engine. *1980*

AIDS (disease)

Use acquired immunodeficiency syndrome

air breathing boosters

Boosters which are possible substitutes for **rocket engines** and which have inlets for oxygen sources for their **engines** rather than carrying their own oxygen as in a conventional rocket. *1981*

air conditioning

The simultaneous control of all, or at least three, of those factors affecting both the physical and chemical conditions of the atmosphere within any structure. These factors include temperature, **humidity**, motion, distribution, dust, bacteria, odor, and toxic gases. *ASTM (E 41, G-3) 1968*

air cushion landing systems

Landing systems based on the ground effect principle whereby a stratum of air is utilized as the aircraft ground contacting medium (in place of **landing gear**). *1977*

air data systems

Sets of aerodynamic and thermodynamic **sensors**, and a computer which provide **flight characteristics** such as airspeed, static pressure, air temperature and **Mach number**. *IEEE 1975*

air law

The body of domestic and/or international laws dealing with regulations and liabilities in civil or military aviation. *1980*

air locks

A stoppage or diminution of **flow** in a fuel system, hydraulic system, or the like, caused by pockets of air or vapor. Also chambers capable of being hermetically sealed that provide for passage between two places of different pressure as between an altitude chamber and the outside atmosphere. *SP-7 1968*

air masses

Large widespread volumes of air having particular characteristics of temperature and moisture content that were acquired at its source region and are modified as they move away from their source. *AGI 1968*

air pollution

The presence of unwanted material in the air. The term 'unwanted material' here refers to material in sufficient concentrations, present for a sufficient time, and under circumstances to interfere significantly with comfort, health, or welfare of persons, or with the full use and enjoyment of property. Used for atmospheric impurities. *ASTM (D 1356, D-22) 1968*

air sickness

Use motion sickness

air slew missiles

Solid propellant rockets utilizing thrust vector control. *1977*

airborne integrated reconnaissance system

Aerial reconnaissance system incorporating various modes of detection. Used for AIRS (reconnaissance sys). *1977*

airborne radar approach

The use of airborne **radar** for helicopter approach control -- the radar cursor technique. *1980*

aircraft construction materials

A general term designating the materials used in manufacturing an aircraft. *1976*

Aircraft Energy Efficiency program

Use ACEE program

aircraft icing

Accumulation of **ice** on aircraft external surfaces, propellers and engine inlets from freezing rain or flight through inclement weather. *1991*

aircraft noise prediction

Use noise prediction (aircraft)

aircraft power supplies

Electrical sources for the normal operation of aircraft. *1984*

aircraft runup

Final engine check prior to **takeoff**. *1980*

aircraft spin

A prolonged stall in fixed-wing aircraft characterized by a sustained spiral descent, usually with the nose down. *1979*

airfoil characteristics

Use airfoils

airfoil oscillations

Periodic motions experienced by **airfoils** in aerodynamic conditions. *1987*

airfoils

Structures, pieces, or bodies, originally likened to foils or leaves in being wide and thin, designed to obtain a useful reaction on themselves in their motion through the air. Used for airfoil characteristics. *SP-7 1968*

airframes

The assembled structural and aerodynamic components of an aircraft or rocket vehicle that support the different systems and subsystems integral to the vehicle. *SP-7 1968*

airglow

The quasi-steady radiant emission from the **upper atmosphere** as distinguished from the sporadic emission of the **auroras**. Used for atmospheric emission. *SP-7 1968*

airport security

Organization of trained security personnel, surveillance and screening devices, and procedures used for the protection of airport and airline property, aircraft, passengers, employees, and visitors from injury, air piracy, and other unauthorized acts. *1977*

AIRS (reconnaissance sys)

Use airborne integrated reconnaissance system

airships

Propelled and steerable dirigibles dependent on gases for flotation. Used for aerostats and dirigibles. *DOE 1968*

airspace

The atmosphere above a particular portion of the earth, usually defined by the boundaries of an area on the surface projected perpendicularly upward. *SP-7 1968*

Aitken nuclei

Microscopic particles in the atmosphere which serve as **condensation nuclei** for droplet growth during the rapid adiabatic expansion produced by an Aitken dust counter. *1978*

akermanite

A mineral of the melilite group. It is isomorphous with **gehlenite**. *AGI 1980*

albedo

The ratio of the amount of **electromagnetic radiation** reflected by a body to the amount incident upon it. It is often expressed as a percentage, as, the albedo of the Earth is 34 percent. *SP-7 1968*

aldehydes

Carbonyl groups to which a hydrogen atom is attached; the first stage of an alcohol; - CHO. *ASTM (D 1695, D-23) 1968*

alexandrite

A transparent variety of chrysoberl that has a grass-green or emerald green color in daylight and wine-red to brownish-red color by transmitted or incandescent artificial light. *AGI 1992*

Alfven waves

Use magnetohydrodynamic waves

AlGaAs

Use aluminum gallium arsenides

algae

Any plants of a group of unicellular and multicellular primitive organisms that include the **Chlorella**, **Scenedesmus**, and other genera. Used for algal bloom. *SP-7 1968*

algal bloom

Use algae

algorithms

Special mathematical procedures for solving a particular type of problem. *SP-7 1968*

alkali metals

Metals in group IA of the periodic system; namely, lithium, sodium, potassium, rubidium, cesium, and francium. *SP-7 1968*

alkali vapor lamps

Lamps in which light is produced by an electric discharge between **electrodes** in an alkali vapor at low or high pressures. *1977*

alkalinity

The state of being alkaline. *1981*

alloys

Substances having metallic properties and being composed of two or more chemical elements of which at least one is an elemental metal. *SP-7 1968*

alluvium

Soil, the constituents of which have been transported in suspension by flowing water and subsequently deposited by sedimentation. *ASTM (D 653, D-18) 1973*

Aloha system

A multiple **random access** communications scheme in which there is a nonfixed allocation of channel capacity, so that the channel is available to any terminal whenever it has a packet ready for transmission. *1981*

alpha decay

The radioactive transformation of a nuclide by alpha-particle emission. *SP-7 1968*

alpha particles

Positively charged particles emitted from the nuclei of certain atoms during radioactive disintegration. Used for alpha radiation. *SP-7 1968*

alpha radiation

Use alpha particles

alphanumeric characters

Characters in a set that contain both letters and digits, but they

usually also contain other characters such as punctuation symbols. *IEEE 1968*

Alpine meteorology

Wind, precipitation, atmospheric physics, and other climatological phenomena peculiar to the Alps and/or other similar mountainous areas. *1979*

alternating current generators

Use AC generators

alternators (generators)

Use AC generators

altimeters

Instruments for measuring height above a reference datum. *SP-7 1968*

altitude

In **astronomy**, angular **displacement** above the **horizon**. Also height, especially radial distance as measured above a given datum, as average **sea level**. *SP-7 1968*

altitude acclimatization

A physiological adaptation to reduced atmospheric and oxygen pressure. *SP-7 1968*

altitude sickness

In general, any sickness brought on by exposure to reduced oxygen tension and barometric pressure. *SP-7 1968*

aluminides

Intermetallic compounds of aluminum and a transition metal. *1987*

aluminum arsenides

Binary compounds of aluminum with negative, trivalent arsenic. *1978*

aluminum boron composites

Structural materials composed of aluminum alloys reinforced with **boron fibers** (filaments). *1976*

aluminum gallium arsenides

Compounds exhibiting characteristics suitable for use in laser devices, light-emitting diodes, **solar cells**, etc. Used for AlGaAs. *1978*

aluminum graphite composites

Structural materials composed of aluminum alloys reinforced with graphite. *1976*

aluminum-lithium alloys

Light alloys consisting primarily of aluminum and lithium. *1976*

alveolar air

The respiratory air in the **alveoli** (air sacs) deep within the lungs. *SP-7 1968*

alveoli

The terminal air sacs deep within the lungs. *SP-7 1968*

AM (modulation)

Use amplitude modulation

Amalthea

Innermost satellite of Jupiter. *1978*

ambient temperature

Temperature of surrounding medium. Used for environmental temperature. *DOE 1968*

AMOOS

Use Aeromaneuvering Orbit to Orbit Shuttle

Amor asteroid

One group of Earth-approaching **asteroids** with **orbits** between the **planets** Mars and Jupiter. Used for Minor Planet 1221. *1978*

amphiboles

A group of dark, rock-forming, ferromagnesian silicate **minerals** closely related in crystal form and composition. *DOE 1968*

amplifiers

Devices which enable an input signal to control a source of power whose **output** is an enlarged reproduction of the essential characteristics of the signal. Used for electronic amplifiers. *SP-7 1968*

amplitude modulation

In general, **modulation** in which the amplitude of a wave is the characteristic subject to variation. *SP-7 1968*

amplitudes

The maximum value of the **displacement** of a wave or other periodic phenomenon from a reference position. Also, angular distance north or south of the prime vertical; the arc of the **horizon**, or the angle at the **zenith** between the prime vertical and a vertical circle, measured north or south from the prime vertical to the vertical circle. *SP-7 1968*

ampoules

Glass **containers** designed to be filled and sealed by **fusion** of the glass neck. *ASTM (C 162, C-14) 1968*

AMTV

Use automated mixed traffic vehicles

analog computers

Computers that work on the principle of measuring, as distinguished from counting, in which the input data is analogous to a measurement continuum such as linear lengths, voltages, or resistances which can be manipulated by the computer. *SP-7 1968*

analog to digital converters

Devices for converting non-digital information into digits. Used for digitizers. *DOE 1968*

analysis (mathematics)

That part of the field of mathematics which arises from the calculus and which deals primarily with functions. *1968*

analysis of variance

A systematic statistical procedure for determining the sources and the magnitudes of the errors present in a measurement process, and for assessing the significance of differences between materials, processes, or test methods under study. *ASTM (D 3980, D-1) 1971*

andesite

Volcanic rock composed essentially of andesine and one or more mafic constituents. *DOE 1968*

anechoic chambers

Enclosures especially designed with boundaries that absorb sufficiently well the sound incident thereon to create an essentially field-free condition in the **frequency ranges** of interest. *IEEE 1968*

angels (radar)

Echos of false **radar targets** caused by atmospheric inhomogeneity, **atmospheric refraction**, insects, birds, or unknown phenomena. *IEEE 1968*

angle of attack

The angle between a reference line fixed with respect to an airframe and a line in the direction of movement of the body. *SP-7 1968*

angles (geometry)

The **inclination** to each other of two intersecting lines, measured by the arc of a circle intercepted between the two lines forming the angle, the center of the circle being the point of intersection. *SP-7 1968*

angular acceleration

The rate of change of **angular velocity**. *SP-7 1968*

angular motion

Use angular velocity

angular resolution

Specifically, the ability of a **radar** to distinguish between two targets solely by the measurement of angles. *SP-7 1968*

angular velocity

The change of angle per unit time; specifically, in **celestial mechanics**, the change in angle of the radius vector per unit time. Used for angular motion. *SP-7 1968*

Anik satellites

A series of geostationary **communication satellites** operated by Telesat which is partly owned by the Canadian government and partly owned by private enterprise. The name 'Anik' is derived from an Eskimo word meaning 'brother.' It was so designated because of its partial use in the Far North. *1983*

anisotropy

Having different properties in different directions. Used for nonisotropy, onisotropy, photothermotropism, and thermotropism. *ASTM (D 653, D-18) 1968*

annealing

Application of heat energy to a material cooling at a suitable rate to relieve **stresses**, change certain properties, improve machinability, or for realignment of atoms in a distorted lattice as caused, for example, by radiation damage. *SP-7 1968*

annular ducts

Ring-shaped openings for the passage of fluids (gases, etc.) designed for optimum aerodynamic flow properties for the application involved. *1979*

annular suspension and pointing system

In the Shuttle era, high **accuracy** pointing and stabilization of an experiment payload. *1980*

anodes

The positive poles or **electrodes** of electron emitters, such as **electron tubes** or electric cells. *SP-7 1968*

anodic stripping

The removal of metal coatings. 1980

anodizing

An electrolytic **oxidation** process in which the surface of a metal, when anodic, is converted to a coating having desirable protective, decorative, or functional properties. ASTM (B 374, B-8) 1968

anomalies

In general, deviations from the norm. SP-7 1968

anorthosite

A group of essentially monomineralic plutonic **igneous rocks** composed almost entirely of plagioclase feldspar. DOE 1968

anoxia

A complete lack of oxygen available for physiological use within the body. SP-7 1968

Antarctic regions

The areas surrounding and including the continent of Antarctica. Used for Antarctica. 1968

Antarctica

Use Antarctic regions

antenna arrays

Systems of **antennas** coupled together to obtain directional effects, or to increase **sensitivity**. SP-7 1968

antennas

Conductors or systems of conductors for radiating or receiving **radio waves**. SP-7 1968

anthracite

Coal of the highest metamorphic rank, in which fixed-carbon content is between 92 percent and 98 percent (on a dry, mineral-matter-free basis). It is hard and black, and has a semimetallic **luster** and semiconchoidal fracture. Anthracite ignites with difficulty and burns with a short blue flame, without smoke. Used for hard coal. AGI 1973

anthropology

The study of the interrelations of biological, cultural, geographical, and historical aspects of man. DOE 1968

anticlines

Geologic formations characterized by folds, the core of which contain stratigraphically older **rocks**; they convex upward. Used for anticlinoria. DOE 1974

anticlinoria

Use anticlines

antifouling

Measures taken to prevent **corrosion** or the accumulation of organic or other residues or growths on operating mechanisms, especially in underwater **environments**. 1981

antigravity

A hypothetical effect that would arise from cancellation by some energy field of the effect of the gravitational field of the earth or other body. SP-7 1968

antimisting fuels

Fuels which have an additive to reduce misting and thus create safer fuels. 1985

antinodes

Either of the two points on an orbit where a line in the orbit plane, perpendicular to the line of nodes and passing through the focus intersects the orbit. Also a point, line, or surface in a standing wave where some characteristic of the wave field has maximum amplitude. SP-7 1968

antioxidants

Compounding ingredients used to retard deterioration caused by **oxidation**. ASTM (D 1566, D-11) 1968

antiparticles

Particles with a charge of opposite signs to the same particles in normal matter. SP-7 1968

antipodes

Anything exactly opposite to something else. Particularly, that point on the Earth 180 deg. from a given place. SP-7 1968

antiquities

Man-made objects or surviving parts or fragments from the past. 1985

antiradiation missiles

Missiles that attack radiating targets such as radar transmitters, etc. 1980

antireflection coatings

Thin dielectric or metallic films applied to an optical surface to reduce the **reflectance** and thereby increase the **transmittance**. Note: The ideal value of the reactive index of a single layered film is the square root of the product of the refractive indices on either side of the film, the ideal **optical thickness** being one quarter of a wavelength. IEEE 1973

AOIPS

Use Atmospheric & Oceanographic Inform Sys

apatites

Use minerals

APL (programming language)

'A Programming Language' is a high level interactive computer language primarily designed for mathematical applications. It was developed by Kenneth Iverson in 1962. It is characterized by extensive operators and array handling capability. NASA Goddard was one of the first users and was instrumental in introducing APL to the computer community. 1983

apnea

Use respiration

apogees

Those orbital points farthest from the Earth, when the Earth is the center of attraction. IEEE 1968

Apollo asteroids

Earth grazing **asteroids** in orbits between Mars and Jupiter, and crossing the Earth's orbit. This group contains 19 known asteroids. 1978

approach and landing tests (STS)

A series of flight maneuvers involving the Space Shuttle. 1978

aquatic plants

Plants growing in or on water. 1981

aquiculture

The cultivation (breeding, raising, and harvesting) of fish, mollusks, **shellfish**, and/or other aquatic life as sources of food. 1977

aquifers

Bodies of rock that contain sufficient saturated permeable material to conduct **ground water** and to yield economically significant quantities of ground water to wells and springs. DOE 1974

aragonite

A white, yellowish, or gray orthorhombic mineral, that contains calcium carbonate. DOE 1968

archaeobacteria

Organisms belonging to the taxonomic kingdom of the same name which are characterized by distinct t- and r-RNAs, the absence of peptoglycan cell walls and their possible replacement by a proteinaceous coat, ether-linked lipids from phytanyl chains, and occurrence in unusually harsh **habitats**, e.g., methane, halide and thermoacidic **environments**. These hardy bacteria are significant in the study of the origin of life. 1987

archipelagoes

Seas or areas in seas that contain numerous **islands**; also the island groups themselves. AGI 1973

architecture (computers)

The design of system and logic organization and information flow relationships in a computer rather than the circuit and component features. 1976

arguments (mathematics)

Use independent variables

Ariel

A satellite of Uranus orbiting at a mean distance of 192,000 kilometers. SP-7 1966

Ariel 5 satellite

One in a series of **artificial satellites** launched for Britain by the United States. 1976

Aries sounding rocket

The largest in terms of **weight** and volume of the **sounding rockets**. It has a 44 inch payload capacity. 1982

ARIP (impact prediction)

Use computerized simulation

ARPA computer network

The 'Advanced Research Projects Agency' of the Department of Defense nationwide computer network incorporating digital communication between large numbers of dissimilar computers as well as direct access to programs, data, storage, etc. shared by all terminals. 1977

ARQ (communication)

Use automatic repeat request

arrhythmia

Absence of rhythm, as, for example, in heart beat. SP-7 1968

arrow wings

Aircraft wings of V-shaped planform, either tapering or of constant chord, suggesting a stylized arrowhead. SP-7 1968

artificial gravity

A simulated gravity established within a space vehicle by **rotation** or acceleration. SP-7 1968

artificial intelligence

A subfield of computer science concerned with the concepts and methods of symbolic inference by a computer and the symbolic representation of the knowledge to be used in making inferences. Used for machine recognition. DOE 1968

artificial satellites

Man-made **satellites**. SP-7 1968

aspect ratio

The ratio of the square of the span of an airfoil to the total airfoil area, or the ratio of its span to its mean chord. SP-7 1968

asphalt

A dark brown to black cementitious material, in which the predominating constituents are **bitumens** which occur in nature or are obtained in petroleum processing. ASTM (D 1079, D-8, D-4) 1968

asphaltenes

Components of **bitumens** that are soluble in carbon disulphide but not in paraffin naphtha, constitute the solid dispersed particles of the bitumens, and consist of high **molecular weight** hydrocarbons. 1980

aspiration

Use vacuum

association reactions

Gas phase chemical processes in which two molecular species A and B react to form a larger molecule AB. In **astrophysics** these processes are involved in the 'condensation' of small gaseous molecules into larger species. 1980

associative processing (computers)

Byte-variable computer processing with multifield search, arithmetic, and logic capability. 1977

asteroid belts

The location of the **orbits** of most of the minor planets (estimated at a half million **asteroids**) between Mars and Jupiter; about 2000 asteroids have been assigned numbers and names. 1978

asteroid capture

The transfer of an asteroid or comet from the influence of a planet into that of another planet or neutral satellite. 1979

asteroid missions

Space missions for the study of **asteroids** and related **celestial bodies**. 1978

asteroids

Small **celestial bodies** revolving around the **sun**, most having **orbits** between those of Mars and Jupiter. SP-7 1968

astrobiology

Use exobiology

astrodynamics

The practical application of **celestial mechanics**, astrobballistics, propulsion theory, and allied fields to the problem of planning and directing the **trajectories** of space vehicles. SP-7 1968

astrolabes

Instruments designed to observe the positions and measure the altitudes of **celestial bodies**. 1981

astronomical coordinates

Coordinates defining a point on the surface of the Earth, or of the geoid, in which the local direction of gravity is used as a reference. *SP-7 1968*

astronomical polarimetry

The measurement of **electromagnetic radiation** from **celestial bodies** by **polarimeters**. *1991*

astronomy

The science that treats of the location, magnitudes, motions, and constitution of **celestial bodies** and structures. Used for celestial observation. *SP-7 1968*

astrophysics

A branch of **astronomy** that treats of the physical properties of **celestial bodies**, such as luminosity, size, mass, density, temperature, and chemical composition. Used for geoastronomy. *SP-7 1968*

asymptotic properties

Properties of any mathematical relation or corresponding physical system characterized by an approach to a given value as an expression, containing a variable, tends to **infinity**. *1984*

ATARS

Use automatic traffic advisory and resolution

atelectasis

Collapsed or airless state of all or part of the lung. *SP-7 1968*

athodyds

Use ramjet engines

Atmospheric & Oceanographic Inform Sys

A data system designed primarily for the interactive manipulation of meteorological satellite images. Capabilities include displaying, analyzing, storing, and manipulating digital data in the field of **meteorology** and Earth resources. Used for AOIPS. *1985*

atmospheric chemistry

Study of the production, transport, modification, and removal of atmospheric constituents in the **troposphere** and stratosphere. *DOE 1968*

atmospheric circulation

Global or hemispheric air movements which can be treated by **equations of motion** in contrast to atmospheric diffusion which is small random movement not amenable to treatment by these equations. Used for wind circulation. *DOE 1968*

Atmospheric Cloud Physics Lab (Spacelab)

A NASA Spacelab mission involving **cloud physics** experiments in zero gravity environment. Also known as ACPL. Used for ACPL (Spacelab) and zero-g ACPL (Spacelab). *1976*

atmospheric conditions

Use meteorology

atmospheric correction

Removal of the effects of the intervening atmosphere from satellite imagery. *1983*

atmospheric electricity

Electrical phenomena, regarded collectively, which occur in the Earth's atmosphere. Also the study of electrical processes occurring within the atmosphere. *SP-7 1968*

atmospheric emission

Use airglow

atmospheric entry

The penetration of any planetary atmosphere by any object from outer space; specifically, the penetration of the Earth's atmosphere by a manned or unmanned capsule or spacecraft. Used for planetary entry. *SP-7 1968*

Atmospheric General Circulation Experiment

Model experiment of the Earth's **atmospheric circulation** as proposed for a Spacelab flight on which a liquid contained between two **concentric spheres** is subjected to **rotation**. The thermal driving **force** will be a stable radial temperature gradient and an unstable latitudinal gradient. *1980*

atmospheric impurities

Use air pollution

atmospheric lasers

The theoretical phenomena whereby the **upper atmosphere** is used as the **lasing** medium. *1981*

atmospheric loading

Use pollution transport

atmospheric noise

Use atmospherics

atmospheric optics

The study of the optical characteristics of the atmosphere and of the optical phenomena produced by the atmosphere's suspensions and hydrometeors. It embraces the study of **refraction**, **reflection**, **diffraction**, scattering, and polarization of light, but is not commonly regarded as including the study of any other kinds of **radiation**. *SP-7 1970*

atmospheric pressure

The pressure at any point in an atmosphere due solely to the **weight** of the atmospheric gases above the point concerned. Used for barometric pressure. *SP-7 1968*

atmospheric radiation

Infrared radiation emitted by or being propagated through the atmosphere. *SP-7 1968*

atmospheric refraction

Refraction resulting when a ray of radiant energy passes obliquely through an atmosphere. *SP-7 1968*

atmospheric shells

Use atmospheric stratification

atmospheric sounding

Measurement of atmospheric phenomena generally with instruments carried aloft by **spacecraft**, rockets, etc. *1980*

atmospheric stratification

The presence of strata or layers in the Earth's atmosphere. Used for atmospheric shells. *SP-7 1968*

atmospheric tides

Defined in analogy to the oceanic tide as an atmospheric motion on a worldwide scale, in which vertical accelerations are neglected (but **compressibility** is taken into account). *SP-7 1968*

atmospheric windows

Wavelength intervals at which the atmosphere transmits the most **electromagnetic radiation**. *AGI 1972*

atmospherics

The radiofrequency electromagnetic radiations originating, principally, in the irregular **surges** of charge in thunderstorm lightning discharges. Atmospherics are heard as a quasi-steady background of crackling noise (static) in ordinary amplitude modulated radio receivers. Used for atmospheric noise and serics. *SP-7 1968*

atolls

Coral **reefs** appearing in plan view as roughly circular (though sometimes elliptical or horseshoe-shaped), and surmounted by a chain or ring of closely spaced low coral inlets that encircle a shallow lagoon in which there is no pre-existing **land** or **islands** of non-coral origin; the reefs are surrounded by deep water of the open sea, either oceanic or **continental shelves**. Atolls range in diameter from 1 km to more than 130 km, and are especially common today in the western and central Pacific Ocean. Atoll is derived from the native name in the Maldive Islands (Indian Ocean) which are typical examples of this structure. *AGI 1973*

atomic clocks

Timekeeping devices controlled by the frequency of the natural vibrations of certain atoms. *SP-7 1968*

atomic mass

Use atomic weights

atomic weights

The **weight** of an atom according to a scale of atomic weight units, awu, valued as one-twelfth the mass of the carbon atom. Used for atomic mass. *SP-7 1971*

attenuation

Reducing in **intensity**. *SP-7 1969*

attenuation coefficients

A measure of the space rate of **attenuation** of any transmitted **electromagnetic radiation**. *SP-7 1968*

attenuators

Devices for measuring **attenuation**. They are usually calibrated in dB (decibels). *ASTM (E 500, E-7) 1968*

attitude (inclination)

The position or orientation of an aircraft, **spacecraft**, etc., either in motion or at rest, as determined by the relationship between its axes and some reference line or plane or some fixed system of reference axes. Used for spatial orientation, tilt, and tilting. *SP-7 1968*

attitude control

The regulation of the attitude of an aircraft, **spacecraft**, etc. Also a device or system that automatically regulates and corrects attitude, especially of a pilotless vehicle. *SP-7 1968*

attitude gyros

Gyro-operated flight instruments that indicate the attitude of an aircraft or **spacecraft** with respect to a reference coordinate system throughout 360 degrees of **rotation** about each axis of the craft. *SP-7 1968*

audio data

Useful information at audio signal frequency. *1984*

audio frequencies

Frequencies corresponding to normally audible **sound waves**. *SP-7 1968*

audio signals

Signals with a bandwidth of less than 20 kilohertz. *1984*

audiometry

The testing and measurement of hearing at various levels. *1968*

auditory sensation areas

In **acoustics**, the frequency region enclosed by the curves defining the threshold of pain and the threshold of audibility. *SP-7 1968*

aufels (ice)

Icing of ground or river water in Arctic areas with continuous **permafrost** on which the water has continued to **flow**. *1980*

auroral activity

Use auroras

auroral zones

Roughly circular bands around either geomagnetic pole above which there is a maximum of auroral activity. The zones lie about 10 deg. to 15 deg. of **geomagnetic latitude** from the geomagnetic poles. *SP-7 1968*

auroras

Sporadic radiant emissions from the **upper atmosphere** over middle and high latitudes. Used for auroral activity and polar auroras. *SP-7 1968*

austenite

A solid solution of carbon in gamma-iron. *DOE 1968*

austenitic stainless steels

Steels having at **room temperature** a microstructure consisting, at least predominantly, of **austenite**. Their austenitic microstructure is attained above all by alloying conditions, e.g., manganese and nickel. *DOE 1968*

autocollimators

Use collimators

autocorrelation

In statistics, the simple linear internal **correlation** of members of a time series (ordered in time or other domains). *SP-7 1968*

automated en route ATC

An air traffic control technology which allows computers to make decisions about conflict resolution, the generation of clearances, and their automatic transmission, with the operator standing by to take over in an emergency. *1981*

automated guideway transit vehicles

A system of a large number of captive vehicles traveling at relatively close headways on an exclusive guideway controlled by a computer. Used for AGT. *1979*

automated mixed traffic vehicles

Low speed, surface vehicles automatically operated and controlled in a pedestrian environment by following a buried **wire** in the roadways sensing obstacles and stopping at predetermined spots for passenger exit and entry. Used for AMTV. *1978*

automated pilot advisory system

An airport advisory system and an air traffic advisory system designed to improve airport and air traffic advisories at high density uncontrolled airports. *1981*

automated radar terminal system

Radar tracking system for use in a terminal area. Primary and

secondary radar targets are detected and data for the two are correlated for **transmission** to a central computer. 1980

automatic control

Control of devices and equipment, including **aerospace vehicles** by automatic means. Used for self regulating. SP-7 1968

automatic data processing

Use data processing

automatic frequency control

An arrangement whereby the frequency of an oscillator is automatically maintained within specified limits. Used for AFC (control). SP-7 1968

automatic gain control

A process by which gain is automatically adjusted as a function of input or other specified parameter. Used for AGC (control). SP-7 1968

automatic pattern recognition

Use pattern recognition

automatic pilots

Equipment which automatically stabilizes the attitude of a vehicle about its pitch, **roll**, and yaw axes. Used for autopilots. SP-7 1968

automatic repeat query

Use automatic repeat request

automatic repeat request

A request from a receiving device to retransmit the most recent block of data. 1972

automatic request for retransmission

Use automatic repeat request

automatic rocket impact predictors

Use computerized simulation

automatic traffic advisory and resolution

Ground based collision avoidance system using the surveillance and data link capabilities of the **discrete address beacon system** (DABS). Used for ATARS. 1980

automatic weather stations

Weather stations at which the services of observers are not required. They are usually equipped with telemetric apparatus. 1976

autonomous spacecraft clocks

Standard Time scale instruments aboard **spacecraft** with provisions for synchronization with existing satellite-based system (global positioning system, for example). 1980

autopilots

Use automatic pilots

autotrophs

Organisms capable of synthesizing organic nutrients directly from simple inorganic substances such as carbon dioxide and inorganic nitrogen. DOE 1968

autumn

The season of the year between summer and winter. Its beginning is marked by the autumnal equinox and its end by the winter solstice. 1985

auxiliary equipment (computers)

Use peripheral equipment (computers)

aviation meteorology

Weather conditions and meteorological studies pertaining to aeronautics. 1987

awards

Distinctions that are bestowed upon a person or persons due to their special contributions to a field. 1982

AXAF

Use X Ray Astrophysics Facility

axes (coordinates)

Use coordinates

axial modes

Regimes of **vibration** along a given axis. 1981

axial strain

Linear strain in a plane parallel to the longitudinal axis of the specimen. Used for axisymmetric deformation and uniaxial strain. ASTM (E 6, E-28) 1968

axisymmetric deformation

Use axial strain

azimuth

Horizontal direction or bearing. Used for solar azimuth. SP-7 1968

azoles

Compounds that contain a five-membered heterocyclic ring containing one or more nitrogen atoms. DOE 1968

B

B-A-W devices

Use bulk acoustic wave devices

babbitt metal

Any of the white **alloys** composed primarily of tin or lead and of lesser amounts of antimony, copper, and other metals, and used for bearings. 1976

backfire antennas

Antennas consisting of radiating feeds, reflector elements, and reflecting surfaces such that the antennas function as open **resonators**, with **radiation** from the open end of the resonator. IEEE 1968

background noise

In recording and reproducing, the total system noise independent of whether or not a signal is present. The signal is not to be included as part of the noise. In **receivers**, the noise in the absence of signal **modulation** on the carrier. SP-7 1968

backings

Use backups

backlobes

Radiation lobes whose axes make angles of approximately 180 degrees with respect to the axes of the major lobes of the **antennas**. By extension radiation lobes in the half-space opposed to the direction of peak activity. IEEE 1968

backshores

Use beaches

backups

Items kept available to replace items which fail to perform satisfactorily. Items under development intended to perform the same general functions another item also under development performs. Used for backups. *SP-7 1968*

backward differencing

A method of solving a parabolic problem for approximating a time derivative in terms of a previous time step. *1982*

backward facing steps

A step structure which faces an oncoming **flow**. Used for rearward facing steps. *1982*

backward waves

In **traveling wave tubes**, waves whose **group velocity** is opposite to the direction of electron-stream motion. *SP-7 1968*

bactericides

Agents that destroy microorganisms. Also known as germicides. Used for germicides. *DOE 1968*

badlands

Intricately stream-dissected topography, characterized by a very fine drainage network with high drainage densities (77 to 747 miles per square mile) and short steep **slopes** with narrow interflues. Badlands develop on the surface with little or no vegetative cover, overlying unconsolidated or poorly cemented clays or silts, sometimes with soluble **minerals** such as **gypsum** or halite. They may also be induced in humid areas by removal of the vegetative cover through overgrazing, or by **air pollution** from sulfide smelting. The term was first applied to an area in western South Dakota, which was called 'mauvaises terres' by the early French fur traders. *AGI 1979*

baffles

Plates that regulate the **flow** of a fluid, e.g., a heat exchanger, boiler flue, or automotive muffler. *DOE 1968*

bajadas

Use fans (landforms)

bakeout

Use degassing

balanced amplifiers

Use push-pull amplifiers

ball lightning

A relatively rare form of lightning, consisting of a reddish, luminous ball, of the order of one foot in diameter, which may move rapidly along solid objects or remain floating in midair. Hissing noises emanate from such balls, and they sometimes explode noisily but may also appear noiselessly. *SP-7 1973*

ballistic cameras

Ground-based cameras using multiple exposures on the same plate to record the **trajectories** of rockets. *SP-7 1968*

ballistic missiles

Missiles designed to operate primarily in accordance with the laws of **ballistics**. *SP-7 1968*

ballistic trajectories

Trajectories followed by a body being acted upon only by gravitational forces and the resistance of the medium through which it passes. *SP-7 1968*

ballistics

The science that deals with the motion, behavior and effects of **projectiles**, especially bullets, aerial bombs, rockets or the like; the science or art of designing and hurling projectiles so as to achieve a desired performance. *SP-7 1968*

bandgap

Use energy gaps (solid state)

bandpass filters

Wave filters having a single **transmission** band; neither of the **cut-off frequencies** being zero or infinity. *ASTM (E268, E-21) 1968*

bang-bang control

Use off-on control

Barany chair

A kind of chair in which a person is revolved to test his susceptibility to **vertigo**. It is named after the Swedish physician Robert Barany who lived from 1876 to 1936. *SP-7 1968*

barchans

Use dunes

baroclinic instability

Hydrodynamic instability arising from the existence of a meridional temperature gradient (and hence a thermal wind) in an atmosphere in quasigeostrophic **equilibrium** and possessing static stability. *1980*

baroclinity

The state of stratification in a fluid in which surfaces of constant pressure (isobaric) intersect surfaces of constant density (isoteric). The number, per unit area, of isobaric-isoteric solenoids intersecting a given surface is a measure of baroclinity. *SP-7 1968*

barometers

Instruments used to measure **atmospheric pressure**. *SP-7 1968*

barometric pressure

Use atmospheric pressure

barotropism

The state of a fluid in which surfaces of constant density (or temperature) are coincident with surfaces of constant pressure; it is the state of zero **baroclinity**. *SP-7 1968*

barred galaxies

Spiral galaxies whose nuclei are in the shape of bars at the ends of which the spiral arms begin. About one fifth of all spiral galaxies are barred spirals. *1978*

barricades

Use barriers

barrier injection transit time diodes

Use Barritt diodes

barriers

Any materials limiting passage through itself of solids, **liquids**, semisolids, gases, or forms of energy such as ultraviolet light. Used for barricades and obstacles. *ASTM (F 17, F-2) 1968*

barriers (landforms)

Elongated offshore ridges or masses, usually of sand, rising above the high-tide level, generally extending parallel to, and at some distance from, the shore, and separated from it by some kind of coastal bay. It is built up by the action of waves and currents.

AGI 1972

Barritt diodes

Barrier injection transit time diodes that operate similarly to IMPATT diodes. The operating **frequencies** are determined by the transit times across the drift. Used for barrier injection transit time diodes.

1980

bars (landforms)

A generic term for any of various elongate offshore ridges, banks, or mounds of sand, gravel, or other unconsolidated material, submerged at least at high **tides**, and built up by the action of waves or currents on the water bottom, especially at the mouth of a river or estuary, or at a slight distance from the beach. Bars commonly form obstructions to water **navigation**.

AGI 1973

barycenter

Use center of gravity

baryon resonance

An anomaly found in **scattering cross sections** indicating the existence of an unstable, excited state of baryon.

1968

base flow

Fluid flow at the base or extreme aft end of a body.

1968

base pressure

In **aerodynamics**, the pressure exerted on the base, or extreme aft end, of a body, as of a cylindrical or boattailed body or of a blunt-trailing-edge wing, in a fluid flow.

SP-7 1968

bathymeters

Instruments that measure the ocean depths and check the topography of the ocean floor. Used for bathymetry.

DOE 1968

bathymetry

Use bathymeters

bauxite

A farruginous aluminium hydroxide rock consisting of several **minerals**. It is the principle source for aluminum.

DOE 1968

Bayard-Alpert ionization gages

Ionization vacuum gages using a tube with an electrode structure designed to minimize x ray induced electron emission from the ion collector.

SP-7 1968

bayous

A term variously applied to many local water features in the lower Mississippi River basin and in the Gulf Coast region of the U.S., especially in Louisiana. Its general meaning is a creek of a secondary watercourse that is tributary to another body of water; especially through alluvial lowlands, coastal swamps or river deltas. The origin of the term is from the American French 'boyau', 'gut'; from the Choctaw 'bayuk', 'small stream'.

AGI 1974

bays (topographic features)

Wide, curving open indentations, recesses, or arms of **seas** or **lakes** into the **land** or between two capes or headlands; larger than coves, and usually smaller than, but of the same general character as **gulfs**. Used for bights and coves.

AGI 1968

beaches

Stretches of unconsolidated material that constitute gently sloping zones, typically with concave profiles, extending landward from the low-water line to the place where there is a definite change in material or physiographic form. Used for advancing shorelines, backshores, and inshore zones.

AGI 1968

beacons

Lights, groups of lights, electronic apparatus, or other devices that guide, orient, or warn aircraft, **spacecraft**, etc. in flight.

SP-7 1968

beam currents

Currents incident on specimens by primary particle sources.

ASTM (E673, E-42) 1968

beam injection

The introduction of a particle **radiation** beam into a plasma or ionized gas for the purpose of diagnostics, plasma control, or the study of beam/plasma interactions.

1980

beam interactions

A general term for interactions between various types of beams with each other or with plasmas or substances.

1981

beam neutralization

Neutralization that takes place by means of **charge exchange** with a neutral gas.

1981

beam rider guidance

System for guiding aircraft, **spacecraft**, or **missiles**, along a desired path by means of a radar beam, light beam, etc. The center of the beam axis forms a line along which the vehicle senses its location and corrects its course relative to the beam axis.

1977

beam splitters

Partially reflecting mirrors which permit some incident light to pass through and reflect the remainder.

SP-7 1968

beat

Use synchronism

beat frequencies

The **frequencies** obtained when two simple harmonic quantities of different frequencies f_1 and f_2 are superimposed. The beat frequency equals $f_1 - f_2$.

SP-7 1968

Beech 99 aircraft

Light, low-wing aircraft manufactured by Beechcraft.

1977

Bell 214A helicopter

Sixteen-seat utility helicopter manufactured by Bell Helicopter.

1980

bellows

Mechanical structures with walls like those of an accordion.

DOE 1968

bend tests

Ductility tests in which specimens are bent through an arc of known radius and angle.

1985

bends (physiology)

Use decompression sickness

Bernoulli equation

Use Bernoulli theorem

Bernoulli theorem

In aeronautics, a law or theorem stating that in a **flow** of incompressible fluid the sum of the static pressure and the **dynamic pressure** along a streamline is constant if gravity and frictional effects are disregarded. It is named for Daniel Bernoulli, a Swiss scientist who lived from 1700 to 1782. Used for Bernoulli equation. *SP-7 1968*

BESS (satellite)

A proposed NASA primate biomedical experiment scientific satellite that was never developed. Used for biomedical experiment scientific satellite. *1977*

beta factor

In plasma physics, the ratio of the plasma kinetic pressure to the magnetic pressure. *1980*

beta interactions

Use weak interactions (field theory)

betatrons

Particle accelerators in which magnetic induction is used to accelerate electrons. *SP-7 1968*

bias

A constant or systematic error as opposed to a random error. It manifests itself as a persistent positive or negative **deviation** of the method average from the accepted reference value. *ASTM (E 180, E-15) 1968*

bifurcation (biology)

The separation or branching into two parts, areas, aspects or connected segments, of anatomical systems or functions. *1978*

bights

Use bays (topographic features)

bimetric theories

Theories of **gravitation**. *1980*

binary codes

Codes composed of a combination of entities each of which can assume one of two possible states. Each entity must be identifiable in time or space. *SP-7 1969*

binary stars

Systems of two **stars revolving** about a barycenter. *SP-7 1968*

bioassay

A standardized procedure for the determination of the effects of an environmental variable or substance on living organisms. Used for biological analysis. *ASTM (D 1129, D-19) 1968*

bioastronautics

The study of biological, behavioral, and medical problems pertaining to astronautics. This includes systems functioning in the **environments** expected to be found in space, vehicles designed to travel in space, and the conditions on terrestrial bodies other than the Earth. *SP-7 1968*

biochemical oxygen demand

The amount of oxygen necessary for the oxidative decomposition of a material by microorganisms. The amount of oxygen consumed in mg/l of water (or waste water) over a period of 5 days at 20 deg. C under laboratory conditions. Used for BOD. *DOE 1976*

biochemistry

Chemistry dealing with the chemical processes and compounds of living organisms. *SP-7 1968*

biocompatibility

Compatibility of substances with living tissues and blood components. *1980*

bioconversion

The transformation of **algae** and/or other **biomass** materials in successive stages to aliphatic organic acids to aliphatic hydrocarbons to diesel and/or other liquid fuels. *1980*

biodegradability

The characteristic of a substance that can be decomposed by microorganisms. *1977*

biodynamics

The study of the effects of dynamic processes (motion, acceleration, **weightlessness**, etc.) on living organisms. Used for biomechanics. *SP-7 1968*

biofeedback

Originally confined to the presenting of a subject with sensory information about ongoing physiological activities, it now includes the controlling of specific physiological activities through trained mental effort. *1983*

biological analysis

Use bioassay

biological models

Use bionics

biological models (mathematics)

Mathematical models for living systems. *1980*

biomagnetism

Magnetic fields surrounding parts or the whole of a living biological system; also, the effects of magnetism on parts or the whole of a biological entity. *1977*

biomass

The dry **weight** of living matter in a given area expressed in terms of mass or weight per unit of volume or area. *1985*

biomechanics

Use biodynamics

Biomedical Experiment Scientific Satellite

Use BESS (satellite)

bionics

The study of systems, particularly electronic systems, which function after the manner characteristic of, or resembling living systems. Used for biological models and biosimulation. *SP-7 1968*

bioreactors

Biological processors to remove or produce certain chemicals or a particular chemical. *1981*

bioregenerative life support systems

Use closed ecological systems

biosatellites

Artificial satellites which are specifically designed to contain and support man, animals, or other living material in a reasonably normal manner for an adequate period of time and which, particularly for man and animals, possesses the proper means for safe return to the Earth. *SP-7 1968*

biosimulation

Use bionics

biosphere

That transition zone between Earth and atmosphere within which most forms of terrestrial life are commonly found; the outer portion of the geosphere and inner or lower portion of the atmosphere.

SP-7 1976

Biot number

A standard **heat transfer** dimensionless number. 1985

biotechnology

The application of engineering and technological principles to the **life sciences**.

SP-7 1968

biotelemetry

The remote sensing and evaluation of life functions, as, e.g., in **spacecraft** and **artificial satellites**. Used for physiological telemetry.

SP-7 1968

biotite

A widely distributed and important rock-forming mineral of the mica group. Used for kimberlite.

DOE 1968

bipolarity

Capability of assuming negative or positive values. 1981

bipropellants

Use liquid rocket propellants

birefringence

A double-refraction phenomenon in which an unpolarized beam of light is divided into two beams with different directions and relative velocities of **propagation**. The amount of energy transmitted along an optical path through a crystal which exhibits birefringence and is a function of crystalline orientation. Used for Pockels effect.

ASTM (F 120, F-1) 1968

bistable amplifiers

Use flip-flops

bistatic radar

Use multistatic radar

bistatic reflectivity

The characteristic of a reflector which reflects energy along a line, or lines, different from, or in addition to, that of the incident ray.

SP-7 1968

bit error rate

The number of erroneous bits or characters received from some fixed number of bits transmitted. 1983

bitumens

Dark-colored (solid, semisolid, or viscous) cementitious substances, natural or manufactured, composed principally of high **molecular weight** hydrocarbons, of which **asphalts**, **tars**, **pitchs**, and **asphaltenes** are typical.

ASTM (D 8, D-4) 1968

BL lacertae objects

One of a class of astronomical objects exhibiting; (1) rapid variations in **intensity** at radio, infrared, and optical **wavelengths**; (2) energy distributions largely at infrared wavelengths; (3) absence of discrete features in low dispersion spectra; and (4) strong and rapidly varying **polarization** at visual and radio wavelengths. 1978

black body radiation

The **electromagnetic radiation** emitted by an ideal black body; it is the theoretical maximum amount of radiant energy of all **wavelengths** which can be emitted by a body at a given temperature.

SP-7 1968

Black Hawk assault helicopter

Use H-60 Helicopter

blade slap noise

Impulsive noise (short high pressure **sound waves**) of rotating **blades**, primarily helicopter blades. Used for helicopter impulsive noise.

1981

blades

Arms of propeller and rotating wings. Specifically, restrictive, those parts of propellers or of rotating wings from the shank outward, i.e., those parts having efficient airfoil shapes and that cleave the air. Vanes such as rotating vanes or stationary vanes in rotary air compressors, or vanes of **turbine wheels**.

SP-7 1968

blankets (fission reactors)

Damper materials for **fission** reactors. 1979

blankets (fusion reactors)

Damper materials for fusion reactors. 1979

blast deflectors

Devices used to divert the exhaust of a rocket fired from a vertical position.

SP-7 1968

blazars

Strongly optical polarized active galactic nuclei objects exhibiting BL Lacertae-like and quasar-like characteristics.

1988

bloedite

A mineral consisting of hydrous sodium magnesium sulfate that is colorless. Also known as astrakanite or astrochanite.

1978

blood-brain barrier

A mechanism which maintains the constancy of the neurons in the central nervous system by preventing certain substances from leaving the bloodstream and entering the neural tissue.

1980

blue stars

Stars of spectral type O, B, A, or F according to the Draper catalog.

1981

bluff bodies

Bodies having a broad, flattened front, as in some **reentry vehicles**.

SP-7 1968

blunt leading edges

The obtuse **cross sections** of certain front edges of **airfoils** or wings.

1976

blunt trailing edges

The rounded or obtuse angled trailing edges of wings and/or control surfaces designed to enhance aerodynamic characteristics.

1979

boat tails

The rear portions of elongated bodies, as in rockets, having decreasing cross-sectional area toward the rear.

SP-7 1968

BOD

Use biochemical oxygen demand

bodies of revolution

Symmetrical bodies having the form described by rotating a plane curve about an axis in its plane. *SP-7 1968*

body temperature regulation

Use thermoregulation

Boeing 767 aircraft

Boeing's widebodied medium range commercial transport aircraft that made its first flight on September 26, 1981. *1980*

Boeing 757 aircraft

Boeing's twin turbofan short/medium range transport aircraft that made its first flight on February 19, 1982. *1980*

bogs

Use marshlands

Bohr magneton

A constant equivalent to the magnetic moment of an electron. *SP-7 1970*

bolides

Brilliant meteors, especially ones which explode; detonating fireballs. *SP-7 1968*

bolograms

Use bolometers

bolometers

Instruments which measure the **intensity** of radiant energy by employing thermally sensitive electrical resistors; a type of actinometer. Used for bolograms. *SP-7 1968*

bolted joints

Joints fastened with bolts. They are usually designed for heavy loads. *1987*

bombs (ordnance)

Explosive devices designed to be detonated under specified conditions. *DOE 1968*

bonding

Specifically, a system of connections between all metal parts of an aircraft or other structure forming a continuous electrical unit and preventing jumping or arching of static electricity. Glueing or cementing together for structural strength. *SP-7 1968*

Bonne projection

A type of conical map projection in which meridians are plotted as curves and the parallels are spaced along them at true distances. *1980*

Boolean algebra

The study of the manipulation of symbols representing operations according to the rules of logic. Boolean algebra corresponds to an algebra using only the numbers 0 and 1, therefore can be used in programming **digital computers** which operate on the binary principle. *SP-7 1968*

boost

Use acceleration (physics)

boostglide vehicles

Vehicles designed to glide in the atmosphere following a rocket-powered phase. Portions of the flights may be ballistic, out of the atmosphere. *SP-7 1968*

boreholes

Holes made by drilling into the ground to study stratification, to search for or to obtain natural resources, or to release underground pressures. *1980*

boresight error

Linear **displacement** between two parallel lines of sight. *1980*

boron fibers

Fibers produced by vapor deposition methods; used in various **composite materials** to impart a balance of strength and stiffness. *1979*

borosilicate glass

Low expansion heat resistant glass. Used for Pyrex (trademark). *DOE 1968*

Borsic (tradename)

Trademark of United Aircraft Products, Inc. for its boron aluminum **composite materials**. *1980*

Bouguer law

A relationship describing the rate of decrease of **flux density** of a plane-parallel beam of monochromatic radiation as it penetrates a medium which both scatters and absorbs at that wavelength. Used for Lambert law. *SP-7 1968*

boundary element method

Technique for solving two- and three-dimensional **boundary value problems** in thermodynamics, mechanics, etc. *1981*

boundary integral method

Technique related to the **boundary element method**, and used for laminar and **turbulent flow** problems. *1981*

boundary layer plasmas

Plasmas resulting from the frictional heat of hypersonic **spacecraft** entering the Earth's atmosphere. *1976*

boundary value problems

Physical problems completely specified by a differential equation in an unknown, valid in a certain region of space, and certain information (boundary condition) about the unknown, given on the boundaries of that region. The information required to determine the solution depends completely and uniquely on the particular problem. Used for initial value problems and point matching method (mathematics). *SP-7 1968*

Boussinesq approximation

The assumption (frequently used in the theory of **convection**) that the fluid is incompressible except insofar as the **thermal expansion** produces a buoyancy. *SP-7 1968*

bow shock waves

Use shock waves

bow waves

Shock waves in front of a body, such as an airfoil, or apparently attached to the forward tip of the body. *SP-7 1968*

Bragg angle

The angle between the incident beam and the lattice planes considered. *ASTM (E 7, E-4) 1968*

Bragg curve

A curve showing the average specific **ionization** of an ionizing particle of a particular kind as a function of its **kinetic energy**, **velocity**, or residual range. *1981*

braille

A system of writing that uses characters made up of raised dots. It was named after Louis Braille. 1981

Brayton cycle

A thermodynamic cycle consisting of two constant-pressure processes interspersed with two constant-entropy **cycles**. Named after George B. Brayton, American engineer. DOE 1968

Brazilian space program

The space program of Brazil which is under the jurisdiction of the Instituto de Pesquisas Espaciais (INPE). 1982

breadboard models

Assemblies of preliminary **circuits** or parts used to prove the feasibility of a device, circuit, system, or principle without regard to the final configuration or packaging of the parts. SP-7 1968

breakwaters

Offshore structures (such as moles, walls, or jetties) that by breaking the **force** of waves, protect **harbors**, anchorages, **beaches**, or shore areas. Used for jetties and sea walls. AGI 1973

bremsstrahlung

Electromagnetic radiation produced by the rapid change in the **velocity** of an electron or another fast, charged particle as it approaches an atomic nucleus and is deflected by it. In German it means braking radiation. SP-7 1968

bricks

Solid masonry units of clay or shale, usually formed into a rectangular prism while plastic and burned or fired in a kiln. Bricks are ceramic products. ASTM (C 43, C-15) 1968

brightness

The attribute of visual perception in accordance with which an area appears to emit more or less light. SP-7 1968

brightness distribution

The statistical distribution based on brightness, or the distribution of brightness over the surface of an object. 1981

brightness temperature

In **astrophysics**, the temperature of a black body radiating the same amount of energy per unit area at the **wavelengths** under consideration as the observed body. The temperature of a nonblack body determined by measurement with an optical pyrometer. SP-7 1970

brines

Water saturated or strongly impregnated with common salt. DOE 1968

broken symmetry

Phenomena where a loss of symmetry is present such as in **piezoelectricity**. Used for symmetry breaking. 1981

Brunt-Vaisala frequency

The frequency at which an air parcel will oscillate when subjected to an infinitesimal perturbation in a stably stratified atmosphere. 1983

brushes (electrical contacts)

Conductive metal or carbon blocks used to make sliding electrical contact with a moving part as in an electric motor. 1976

bubbles

Internal voids or trapped globules of air or other gas. ASTM (C 582, C-3) 1968

buckling

An unstable state of **equilibrium** of a thin-walled body stemming from compressive **stresses** in walls. The lateral deflection of a thin-walled body resulting from such instability. SP-7 1968

buckminsterfullerene

A form of solid carbon consisting of a somewhat disordered hexagonal close packing of soccer-ball-shaped C60 **molecules**. The molecules are extremely hard pseudospherical molecules bonded by weak Van der Waals forces. 1986

buffer storage

In computer operations, storage used to compensate for a difference in rate of **flow** or time of occurrence when transferring information from one device to another. SP-7 1968

buffeting

The beating of an aerodynamic structure or surfaces by unsteady flow, gusts, etc.; the irregular shaking or oscillation of a vehicle component owing to turbulent air or separated flow. SP-7 1968

building structures

Use buildings

buildings

Structures erected and framed of component structural members designed for the housing, shelter or support of persons, animals, or property. Used for building structures. ASTM (E 683, E-44) 1968

bulk acoustic wave devices

Acoustooptic devices utilizing bulk **sound waves** at megahertz **frequencies** in thin film **transducers**. Used for B-A-W devices. 1979

bulk modulus

The reciprocal of the coefficient of **compressibility**. SP-7 1968

bulkheads

Steep or vertical structures supporting natural or artificial embankments. ASTM (A 700, A-1) 1968

bumpy toruses

The shapes (doughnuts) of certain plasmas. 1980

burning

Use combustion

burning process

Use combustion

burning rate

The **velocity** at which a solid propellant in a rocket is consumed. The symbol is *r*. SP-7 1968

burnout

The termination of **combustion** in a rocket engine because of exhaustion of the propellant. 1968

butylene oxides

Use tetrahydrofuran

bypass ratio

Ratio of the secondary to the primary inlet airflows for a turbofan engine. 1981

C

C-M diagram

Use color-magnitude diagram

C-8A augmentor wing aircraft

NASA's research, short haul, jet aircraft.

1977

CAD (design)

Use computer aided design

cadmium mercury tellurides

Use mercury cadmium tellurides

cadmium nickel batteries

Use nickel cadmium batteries

calderas

Large, basin-shaped volcanic depressions, more or less circular in form, the diameter of which is many times greater than that of the included vent or vents.

DOE 1971

calendars

Orderly arrangements of days, weeks, months, etc. to suit a particular need such as civil life.

SP-7 1969

Callisto

A satellite of Jupiter orbiting at a mean distance of 1,884,000 kilometers. Also called Jupiter IV.

SP-7 1976

calorimeters

Instruments designed to measure heat evolved or absorbed. Used for microcalorimeters.

SP-7 1968

CAM (manufacturing)

Use computer aided manufacturing

Canadian space program

Space research, programs, and activities undertaken by Canada.

1980

Canadian spacecraft

Spacecraft of the Canadian Government. The following **satellites** have been developed: Alouette satellites, ISIS satellites, **Anik satellites**, and Hermes satellite. RADARSAT and **MSAT** are in the process of being developed.

1983

canard configurations

Pertaining to an aerodynamic vehicle in which horizontal surfaces used for trim and control are forward of the main lifting surface; the horizontal trim and control surfaces in such an arrangement.

SP-7 1968

canopies (vegetation)

The topmost layers of leaves and branches of forest trees or other plants.

1980

cant

Use slopes

capacitance

That property of a system of **conductors** and **dielectrics** which permits the storage of electrically separated charges when potential differences exist between the conductors. It is the ratio of a quantity, Q , of electricity to a potential difference, V . A capacitance value is always positive. The units are farads when the charge is expressed in coulombs and the potential in volts: $C = Q/V$. Capacitance is symbolized as C .

ASTM (D 150, D 1711; D-4) 1968

capacitance-voltage characteristics

The characteristics of a metal semiconductor contact or a semiconductor junction that manifests a measured **capacitance** as a function of a dc **bias** voltage with small, superimposed ac voltage applied to that junction or contact.

1985

capsules (spacecraft)

Use space capsules

captive tests

Holddown tests of a propulsive subsystem, rocket engine or motor as distinguished from a flight test.

SP-7 1968

capture cross sections

Use absorption cross sections

capture effect

An effect in frequency-modulation (FM) reception where the stronger signal of two stations on the same frequency completely suppresses the weaker signal.

SP-7 1968

carbenes

An organic radical containing divalent carbon.

DOE 1968

carbides

Compounds of carbon with one or more metallic elements.

SP-7 1968

carbon cycle

The path of carbon in living beings in which carbon dioxide is fixed by **photosynthesis** to form organic nutrients and ultimately restored to the inorganic state by **respiration** and protoplasmic decay.

1980

carbon suboxides

Colorless lacrimatory gases having unpleasant odors and boiling points of approximately -7 degrees C.

1977

carbonaceous materials

Substance composed of or containing carbon or carbon compounds.

1978

carburizing

Introducing carbon into a solid ferrous alloy by holding above A_{c1} in contact with a suitable carbonaceous material. The carburized alloy is usually quench hardened.

ASTM (E 44, E-4) 1968

carcinogens

Agents producing or inciting cancerous growth.

ASTM (E 609, E-35) 1968

cardiovascular system

The system of an animal pertaining to the heart and blood vessels. Used for vascular system.

SP-7 1968

Caribbean region

The region that consists of all or parts of the **islands** of the Caribbean Sea, the Bahamas, the British dependent territories, the Virgin Islands, and the mainland areas of the three Guianas and Belize.

1984

Carnot cycle

An idealized reversible thermodynamic cycle. The Carnot cycle consists of four stages: (a) an isothermal expansion of the gas at temperature T_1 ; (b) an adiabatic expansion to temperature T_2 ; (c) an isothermal compression at temperature T_2 ; (d) an adiabatic compression to the original state of the gas to complete the cycle.

SP-7 1968

carrier density (solid state)

The charge carrier concentrations of holes and/or electrons in a semiconductor which determines its electronic characteristics and function. 1979

carrier modulation

Use modulation

carrier to noise ratios

RF signal power input to the receiver divided by the noise power input. 1981

carrier transport (solid state)

The mobility of conduction electrons or holes in semiconductors. 1980

carrier waves

Waves generated at a point in the transmitting system and modulated by the signal. Used for subcarrier waves. SP-7 1968

Cartesian coordinates

A coordinate system in which the locations of points in space are expressed by reference to three planes, called coordinate planes, no two of which are parallel. Used for rectangular coordinates. SP-7 1968

cartridge actuated devices

Use actuators

catapults

A power-actuated machine or device for hurling forth something, as an airplane or missile, at a high initial speed; also a device usually explosive, for ejecting a person from an aircraft. SP-7 1968

cathode ray tubes

Vacuum tubes consisting essentially of an electron gun producing a concentrated electron beam (or cathode ray) which impinges on a phosphorescent coating on the back of a viewing face (or screen). The **excitation** of the phosphor produces light, the intensity of which is controlled by the **flow** of electrons. Deflection of the beam is achieved either electromagnetically by currents in coils around the tube, or electrostatically by voltages on internal deflection plates. SP-7 1968

cathodes

In **electron tubes**, **electrodes** through which a primary stream of electrons enters the interelectrode space. SP-7 1968

cathodic coatings

Material forming a continuous film on a base metal by mechanical coating or by electroplating. 1980

cathodoluminescence

Luminescence produced when high **velocity** electrons bombard a metal in a **vacuum**, thus vaporizing small amounts of the metal which, in an excited state, emit **radiation** characteristic of the metal. 1985

cations

Positively-charged **ions**. ASTM (B 374, B-8; G 15, G-1) 1968

CATT devices

Controlled avalanche transit time triodes which use avalanche multiplication in the collector depletion region of a silicon, bipolar, transistor-like structure to increase the gain and thereby achieve a higher frequency operation of silicon bipolar transistors. Used for controlled avalanche transit time devices. 1981

caulking

Material ranging in physical characteristics from plastic to solid to preformed. Used to seal and waterproof joints and overlaps in structures, other assemblies or portions thereof where movement may occur. ASTM (C 460, C-17) 1968

caustic lines

The locations of wave front interactions induced by the maneuvers of supersonic aircraft in changing direction and/or attitude. 1980

caustics (optics)

The envelope of rays diffracted by surface defects in materials. 1980

cavitation

Use cavitation flow

cavitation flow

The formation of **bubbles** in a liquid, occurring whenever the static pressure at any point in the fluid flow becomes less than the fluid **vapor pressure**. Used for cavitation and gaseous cavitation. SP-7 1968

cavitons

Density cavities created by localized oscillating electric fields. 1982

CCD

Use charge coupled devices

CCD star tracker

Navigation instrument designed for the NASA **space transportation system**. Used for stellar (star tracker). 1977

CDMA

Use code division multiple access

celestial bodies

Any aggregations of matter in space constituting a unit for astronomical study, as the **sun**, **moon**, a planet, comet, star, or nebula. Also called heavenly bodies. SP-7 1968

celestial geodesy

The determination of the form of the Earth, of the Earth's gravitational field, and of relative positions of satellite **trajectories**. 1968

celestial mechanics

The study of the theory of motions of **celestial bodies** under the influence of **gravitational fields**. SP-7 1968

celestial navigation

The process of directing a craft from one point to another by reference to **celestial bodies** of known constants. SP-7 1968

celestial observation

Use astronomy

celestial sphere

An imaginary sphere of infinite radius concentric with the Earth, on which all **celestial bodies** except the Earth are assumed to be projected. SP-7 1968

cellulose

The carbohydrate that is the principal constituent of wood and forms of structural framework of the wood cells. ASTM (D 9, D-7) 1968

cementite

An intermetallic compound containing iron and carbon. *DOE 1968*

Cenozoic Era

An era of geologic time, from the beginning of the Tertiary Period to the present. (Some authors do not include the Quarternary, considering it a separate era.) It is characterized by the evolution and abundance of mammals, advanced mollusks, and birds and paleobotanically, by angiosperms. The Cenozoic Era is considered to have begun about 65 million years ago. *AGI 1990*

center of gravity

The **center of mass** of a system of masses, as the barycenter of the Earth-moon system. Used for barycenter. *SP-7 1968*

center of mass

A point of a material body or system of bodies which moves as though the system's total mass existed at that point and all external forces were applied at the point. *1978*

centimeter waves

Electromagnetic radiation in the 3,000 to 30,000 MHz range. *1977*

central processing units

The units of computing systems that include the **circuits** controlling the interpretation of instructions and their execution. Used for processors (computers). *IEEE 1969*

centrifugal force

The apparent **force** in a rotating system, deflecting masses radially from the axis or **rotation**. *SP-7 1968*

centrifuges

Specifically in aerospace, large motor driven apparatus with long arms at the end of which human and animal subjects or equipment can be revolved and rotated at various speeds to simulate (very closely) the (prolonged) accelerations in high performance aircraft, rockets, and **spacecraft**. Sometimes called astronautic centrifuges. Used for cyclones (equipment). *SP-7 1968*

cepstra

The Fourier transformation of the logarithm of the power spectrum. *1976*

cepstral analysis

The application of cepstral methods to wave or signal phenomena in **seismology**, speech analysis, echos, underwater acoustics, etc. *1976*

ceramal protective coatings

Use **cermets**

ceramals

Use **cermets**

ceramic fibers

Fibers composed of ceramic materials. They are usually used for reinforcement. *1985*

ceramic matrix composites

Composite materials consisting of a reinforced ceramic matrix. *1983*

ceramic-metal composites

Use **cermets**

ceramics

Inorganic compounds or mixtures requiring **heat treatment** to fuse them into homogeneous masses usually possessing high temperature strength but low ductility. Types and uses range from china for dishes to refractory liners for nozzles. *SP-7 1968*

Cerenkov effect

Use Cerenkov radiation

Cerenkov radiation

The **radiation** from a charged particle whose **velocity** is greater than the **phase velocity** that an electromagnetic wave would have if it were propagating in the medium. The particle will continue to lose energy by radiation until its velocity is less than this phase velocity. Used for Cerenkov effect. *SP-7 1968*

cermets

Bodies consisting of ceramic particles bonded with a metal; used in aircraft, rockets, and **spacecraft** for high strength, high temperature applications. The name is derived from a combination of CERamic and METal. Used for ceramal protective coatings and ceramals. *SP-7 1968*

Cessna 402B aircraft

A lighter, twin-engine, short-haul cargo/passenger aircraft manufactured by the Cessna Aircraft Company. *1976*

CFD

Use charge flow devices

Chandler motion

Use polar wandering (geology)

Chandler wobble

A movement in the Earth's axis of rotation whose period of motion is about 14 months. Used for Eulerian nutation. *1992*

change detection

A process of examining imagery to detect changes on a planetary surface or astronomical body. *1984*

channel noise

In communications bursts of interruptive **pulses** caused mainly by contact closures in electromagnetic equipment or by transient voltages in electric cables during **transmission** of signals or data. Impulsive noise is the frequent cause of transmission errors. *1980*

Chapman-Jouget flame

Use detonation

charge coupled devices

Semiconductor devices arrayed so that the electric charge at the **output** of one provides the input stimulus to the next. Use for CCD. *DOE 1974*

charge efficiency

The efficiency of electric cell **recharging**. *1980*

charge exchange

The collisional transfer of an electron from a neutral atom or molecule to an ion. *1968*

charge flow devices

Metal oxide semiconductor (MOS) devices used for fire **detectors** and **humidity sensors**. Used for CFD. *1978*

charm (particle physics)

A quantum number which has been proposed to account for an apparent lack of symmetry in the behavior of hadrons relative to that of **leptons**, to explain why certain reactions of elementary particles do not occur, and to account for the longevity of the J particle. 1981

Charon

Natural satellite of the planet Pluto, discovered and named by Dr. James W. Christy. 1979

chassignites

Achondritic stony meteorites composed almost entirely (95%) of olivine, with accessory amounts of chromite, and lacking nickel-iron. It resembles terrestrial dunite. AGI 1979

checkout

A sequence of actions taken to test or examine a thing as to its readiness for incorporation into a new phase of use, or for the performance of its intended function. The sequence of steps taken to familiarize a person with the operation of an airplane or other piece of equipment. Used for debugging. SP-7 1968

chemical clouds

Artificial clouds of chemical compounds released in the ionosphere for observation of dispersion and other characteristics. 1978

chemical defense

All actions and counteractions designed for the protection of personnel and material against offensive chemical agents. 1980

chemical energy

Energy produced or absorbed in the process of a chemical reaction. In any such a reaction, energy losses or gains usually involve only the outermost electrons of the atoms or **ions** of the system undergoing change; here a chemical bond of some type is established or broken without disrupting the original atomic or ionic identities of the constituents. SP-7 1968

chemical evolution

The theory of the creation or production of living matter from nonliving matter. 1976

chemical fuels

Fuels that depend upon an oxidizer for combustion or for development of **thrust**, such as liquid or solid rocket fuel or internal combustion engine fuel; distinguished from nuclear fuel. SP-7 1969

chemical release modules

Shuttle launched, free-flying **spacecraft** containing canisters for injecting chemicals into the **upper atmosphere** and the measurement of the reactions. 1980

chemically reacting flow

Use reacting flow

chemiluminescence

Any **luminescence** produced by chemical action. SP-7 1968

chemisorption

The binding of a liquid or gas on the surface or in the interior of a solid by chemical bonds or forces. SP-7 1968

chemosphere

The vaguely defined region of the **upper atmosphere** in which **photochemical reactions** take place. It is generally considered to include the stratosphere (or the top thereof) and the **mesosphere**, and sometimes the lower part of the thermosphere. SP-7 1968

Chinese spacecraft

Satellites built and launched by the Chinese Peoples Republic. 1980

chips (electronics)

Integrated microcircuits mounted on substrates and performing significant numbers of functions. 1977

chips (memory devices)

Integrated microcircuit devices used collectively to perform the functions of data storage: accepting, retaining, and emitting bits of data. 1977

Chiron

Minor planet 2060, a **solar system** asteroid discovered by Charles T. Kowal of Hale Observatories. Used for Minor Planet 2060. 1980

chirp

An all encompassing term for the various techniques of pulse expansion-pulse compression applied to **pulse radar**; a technique to expand narrow **pulses** to wide pulses for **transmission**, and compress wide received pulses to the original narrow pulse width and wave shape, to gain improvement in signal-to-noise ratio without **degradation** to range resolution and range discrimination. SP-7 1968

chitin

A polysaccharide which is the principal constituent of the shells of crabs and lobsters and of the shards of beetles. It is also found in certain fungi. 1968

Chlorella

A genus of unicellular green algae to be adapted to converting carbon dioxide into oxygen in a closed ecological system. SP-7 1968

chlorocarbons

All compounds containing chlorine and carbon with or without other elements. 1985

Cholesky factorization

A numerical algorithm used to solve linear systems of equations. 1981

chondrites

Meteoritic stones characterized by small rounded grains or spherules. SP-7 1968

chords (geometry)

Straight lines intersecting circles or other curves, or straight lines connecting the ends of arcs. In aeronautics, straight lines intersecting or touching airfoil profiles at two points; specifically, those parts of lines between two points of **intersections**. Used for aerodynamic chords. SP-7 1968

chromatography

The separation of chemical substances by making use of differences in the rates at which the substances travel through or along a stationary medium. SP-7 1968

chromium steels

Steels containing chromium as the main alloying element.

DOE 1968

chromosphere

A thin layer of relatively transparent gases above the **photosphere** of the sun.

SP-7 1968

chronotrons

Use time lag

Chukchi Sea

Part of the Arctic Ocean north of the Bering Strait between Asia and North America.

DOE 1971

circadian rhythms

Regular changes in physiological function occurring in approximately 24 hour **cycles**. Used for diurnal rhythms.

SP-7 1968

circuits

Networks providing one or more closed paths. Used for electric circuits, exploding conductor circuits, shunts, and subcircuits.

SP-7 1968

circular waveguides

Small hollow tubes that are designed to transmit a specific wavelength along the length of the tube.

1984

circulation

The **flow** or motion of a fluid in or through a given area or volume. A precise measure of the average flow of a fluid along a given closed curve. Used for recirculation.

SP-7 1968

circulation control airfoils

Airfoils in which a high lift capability is produced by supercirculation where control of the stagnation points by the jet sheet produces high lift coefficients.

1980

circulation control rotors

Rotors that provide STOL capability on high performance aircraft by means of tangential blowing over a rounded trailing edge and mass flow characteristic of turbine engine bleed.

1979

circulation distribution

The line integral of the **velocity** component around a curve along the closed contour.

1982

circumsolar radiation

Radiation from small angle **scattering** of direct sunlight from atmospheric **aerosols** with dimensions on the order of or greater than the wavelength of light.

1977

circumsolar telescopes

Optical instruments for measuring the **circumsolar radiation** for application to **solar energy** systems. Mirrors and **lenses** are utilized for incident sunlight **concentration**.

1980

cislunar space

Of or pertaining to phenomena, projects, or activity in the space between the Earth and the **moon**, or between the Earth and the moon's orbit.

SP-7 1968

CL-600 challenger aircraft

Canadair turboprop aircraft with supercritical wings.

1980

cladding

A coating placed on the surface of a material and usually bonded to the material.

SP-7 1968

clamping circuits

Circuits which maintain either extremity of a waveform at a prescribed potential. Networks for adjusting the absolute voltage level of **waveforms**.

SP-7 1968

clean fuels

Energy sources from which pollutants and other impurities have been removed by refining, purification, and other means, to produce fuels less conducive to pollution.

1978

clean rooms

Areas in which the temperature, **humidity**, and the airborne particulate contamination are controlled as required.

ASTM (C 859, C-26; F 318, F-7) 1968

closed ecological systems

Systems that provide for the maintenance of life in an isolated living chamber through complete reutilization of the material available, in particular, by means of a cycle wherein exhaled carbon dioxide, urine, and other waste matter are converted chemically or by **photosynthesis** into oxygen, water, and food. Used for bioregenerative life support systems.

SP-7 1968

closed faults

Use geological faults

cloud chambers

Devices for observing the paths of ionizing particles, based on the principle that supersaturated vapor condenses more readily on **ions** than on neutral **molecules**.

SP-7 1968

cloud physics

A subdivision of physical **meteorology** concerned with physical properties of clouds in the atmosphere and the processes occurring therein.

SP-7 1968

cloud seeding

Any technique carried out with the intent of adding to a natural cloud in a planetary atmosphere certain substances that will alter the natural development of that cloud.

SP-7 1968

cluster analysis

The analysis of data with the object of finding natural groupings within the data either by hand or with the aid of a computer.

1982

clutter

Atmospheric noise, extraneous signals, etc. which tend to obscure the reception of a desired signal in a radio receiver, radarscope, etc.

SP-7 1968

CMOS

The combination of a PMOS (p-type channel metal oxide semiconductor) with an NMOS (n-type channel metal oxide semiconductor). Used for complementary metal oxide semiconductors.

1977

CN emission

Radio waves emitted from incandescent gaseous cyanide (CN) in space under low pressures at **wavelengths** characteristic of the elements comprising the gas. Used for cyanide emission.

1976

cnoidal waves

Finite amplitude progressive waves in shallow water having a wave profile represented by the Jacobian elliptic function 'CN.'

1978

coal

A brown to black combustible sedimentary rock (in the geological sense) composed principally of consolidated and chemically altered plant remains. *ASTM (D 2796, D-5) 1968*

coal derived gases

The gases which are derived from various coal gasification processes. *1981*

coal derived liquids

Fluid hydrocarbons derived from the liquefaction of **coal**. *1980*

coalescence

Use coalescing

coalescing

Growing of grains at the expense of the remainder by **adsorption** or the growth of a phase or particle at the expense of the remainder by **absorption** or by reprecipitation. Used for coalescence. *ASTM (E 7, E-4) 1968*

coastal currents

Ocean currents caused by the approach of waves to **coasts** at an angle. They **flow** parallel to and near the shore. Used for littoral currents and longshore currents. *AGI 1972*

coastal dunes

Use dunes

coastal marshlands

Use marshlands

coasting flight

The flight of a rocket between **burnout** of thrust cutoff of one stage and **ignition** of another, or between burnout and summit **altitude** or maximum horizontal range. *SP-7 1968*

coasts

The strips of **land** of indefinite width (may be many kilometers) that extend from the low tide line inland to the first major change in **landforms**. *AGI 1968*

coatings

Liquid, liquefiable or mastic compositions which are converted to a solid protective, decorative, or functional adherent film after application as a thin layer. *ASTM (D 16, D-1) 1968*

coaxial cables

Waveguides consisting of two concentric **conductors** insulated from each other. Used for coaxial transmission. *SP-7 1968*

coaxial nozzles

Class of nozzle configurations in jet aircraft for reducing noise. *1979*

coaxial transmission

Use coaxial cables

coaxial transmission

Use transmission

COBE

Use Cosmic Background Explorer satellite

Cobra Dane (radar)

Radar installation for monitoring Soviet **missiles**. *1977*

COD (cracks)

Use crack opening displacement

code division multiple access

Multiple access system in which users are segregated by means of pseudorandom signal coding and bandwidth spreading so that the complete time and frequency axes are occupied and only the power is shared. Used for CDMA. *1979*

code division multiplexing

The separation of two or more simultaneous radio transmissions over a common path by signal coding and bandwidth spreading. *1979*

coesite

A polymorph of **silicon dioxide**. *DOE 1969*

Coffin-Manson law

A relationship which enables one to estimate the **fatigue life** from the cyclic plastic strain range. The specific life for a given metal or alloy is determined by its tensile ductility. *1981*

cogeneration

The generation of electricity or shaft power by an energy conversion system and the concurrent use of the rejected thermal energy from the conversion system as an auxiliary energy source. *1980*

coherent radar

A type of **radar** that employs circuitry which permits comparison of the phase of successive received target signals. *SP-7 1968*

cohesion

The mutual attraction by which elements of a substance are held together. *ASTM (C 904, C-3) 1968*

coincidence circuits

Circuits that produce a usable **output** only when each of two or more input circuits receive **pulses** simultaneously or within an assignable time interval. *SP-7 1968*

cold cathode tubes

Electron tubes containing **cold cathodes**. *IEEE 1968*

cold cathodes

Cathodes that function without the application of heat. *IEEE 1969*

cold drawing

Reducing the cross section (of **wire**) by pulling through a die or dies, at a temperature lower than the **recrystallization** temperature. *ASTM (B 354, B-1) 1968*

cold flow tests

Tests of liquid rockets without firing them to check or verify the efficiency of a propulsion subsystem, providing for the conditioning and **flow** of **propellants** (including tank pressurization, propellant loading, and propellant feeding). *SP-7 1968*

cold forming

Use cold working

cold neutrons

Neutrons of less **velocity** than **thermal neutrons**; at 152 deg. C their energy is below 0.01 eV. *DOE 1968*

cold working

Deforming metal plasticity at a temperature lower than the **recrystallization** temperature. Used for cold forming. *SP-7 1968*

collectors

Use accumulators

collimators

Optical devices which render rays of light parallel. Used for autocollimators. *SP-7 1968*

collision parameters

In orbit computation, the distances between centers of attraction of central force fields and the extension of **velocity** vectors of moving objects at great distances from the centers. In gas dynamics and atomic physics, any of several parameters such as cross section, collision rate, **mean free path**, etc., which provide a measure of the probability of collision. *SP-7 1968*

collision rates

Ratios defined by the average number of collisions per second suffered by a molecule or other particle moving through a gas. *SP-7 1968*

color (particle physics)

Use quantum chromodynamics

color coding

Any system of colors used for purposes of identification. Used for color enhancement. *1981*

color enhancement

Use color coding

color infrared photography

A representation of temperature differences using false colors. *1982*

color-color diagram

A two-axis coordinate graph showing the distribution of **stars** or other objects with reference to different color indices. *1987*

color-magnitude diagram

The plot of the absolute or apparent magnitude against the color index for a group of stars. Also known as C-M diagram. Used for C-M diagram. *1985*

cols

Use gaps (geology)

Columbus space station

The European Space Agency's manned orbital platform. *1987*

combined cycle power generation

Power generation which combines an open-cycle gas turbine and a closed-cycle steam turbine. *1981*

combustibility

Use flammability

combustion

A chemical process of **oxidation** that occurs at a rate fast enough to produce heat and usually light either as a glow or flames. Some oxidation such as that of hydrogen emits **radiation** outside the **visible spectrum**. Used for burning and burning process. *ASTM (D 123, D-13) 1968*

combustion chambers

Containers in which the actual burning of fuel takes place. Used for combustors. *DOE 1968*

combustion chemistry

The study of the exothermic **oxidation** reactions occurring immediately before and during **combustion**. *1985*

combustion control

Control of factors (temperature, preheating, draft, excess or deficient air, etc.) which affects **combustion efficiency**. *DOE 1968*

combustion efficiency

The efficiency with which fuel is burned, expressed as the ratio of the actual energy released by the **combustion** to the potential **chemical energy** of the fuel. *SP-7 1968*

combustors

Use combustion chambers

cometary atmospheres

The region of the coma of a comet as well as the gaseous part surrounding the coma that often is a hydrogen atmosphere that contains particulate matter. *1982*

comets

Luminous members of the **solar system** composed of a head, or coma, and often with a spectacular gaseous tail extending a great distance from the head. *SP-7 1968*

command guidance

The guidance of a spacecraft or rocket by means of electronic signals sent to receiving devices in the vehicle. Used for command systems. *SP-7 1968*

command languages

Vocabularies to interactively execute activities such as computer retrieval or input. *1982*

command systems

Use command guidance

commercial spacecraft

Commercial satellites and other **spacecraft** operated by the private sector. *1984*

commonality

The factors which are common in equipment or systems. *1984*

communication networks

Organization of facilities for the rapid reception of, **transmission** of, and/or relaying of electrical **impulses** for reproduction as printed messages, pictures, or other data. *1977*

communication satellites

Satellites designed to reflect or relay electromagnetic signals used for communication. *SP-7 1968*

commutation

Sequential **sampling**, on a repetitive timesharing basis, of multiple data sources for transmitting or recording, or both, on a single channel. *SP-7 1968*

commutators

Devices used to accomplish **time division multiplexing** by repetitive sequential switching. *SP-7 1968*

companding

A process in which compression is followed by expansion, as in noise reduction systems. *1981*

comparators

In computer operations, devices or **circuits** for comparing information from two sources. *SP-7 1968*

compasses

Instruments for indicating a horizontal reference direction, specifically, magnetic compasses. *SP-7 1968*

compatibility

A characteristic ascribed to a major subsystem that indicates it functions well in the overall system. Also applied to the overall system with reference to how well its various subsystems work together, as in 'the vehicle has good compatibility.' Also applied to materials which can be used in conjunction with other materials and not react with each other under normal operating conditions. *SP-7 1968*

complementary metal oxide semiconductors

Use CMOS

complex compounds

Chemical compounds in which part of the molecular bonding is of the coordinate type. *1980*

compliance (elasticity)

Use modulus of elasticity

composite materials

Structural materials of metals, **ceramics**, or **plastics** with built-in strengthening agents which may be in the form of filaments, foils, powders, or flakes of a different compatible material. Used for composites and pyrographalloy. *SP-7 1968*

composite propellants

Solid rocket propellants consisting of a fuel and an oxidizer neither of which would burn without the presence of the other. *SP-7 1968*

composites

Use composite materials

compressibility

The property of a substance, as air, by virtue of which its density increases with increase in pressure. *SP-7 1968*

compressible flow

In **aerodynamics**, **flow** at speeds sufficiently high that density changes in the fluid cannot be neglected. *SP-7 1968*

compression ratio

In internal combustion engines, the ratio between the volume displaced by the piston plus the clearance space, to the volume of the clearance space. *1980*

compression waves

In acoustics, waves in an elastic medium which cause an element of the medium to change its volume without undergoing **rotation**. Mathematically, a compression wave is one whose **velocity** wave has zero curl. *SP-7 1968*

compressive strength

The maximum load sustained by a standard specimen of a material when subjected to a crushing **force**. *ASTM (C 11, C-11) 1968*

compressor blades

Blades which are either rotor blades or stator blades in axial-flow compressors; sometimes used restrictively (and ambiguously) for compressor rotor blades. *SP-7 1968*

compressors

Machines for compressing air or other fluids. *SP-7 1968*

Compton effect

The decrease in frequency and increase in wavelength of **x rays** or **gamma rays** when scattered by **free electrons**. *SP-7 1968*

compulsators

Compensated pulsed alternators, i.e., single phased alternators designed for pulsed power duty with air gap armature windings and air gap compensating windings. *1983*

computational chemistry

A complementary method for determining properties of gases, solids, and their interactions from first principle calculations. It extends testing capabilities to realms that are too dangerous or too costly to obtain experimentally. *1983*

computational fluid dynamics

The application of large computer systems for the numerical solutions of complex fluid dynamics equations. *1979*

computer aided design

The use of the computer in design work. Used for CAD (design), computer aided engineering, and computerized design. *SP-7 1968*

computer aided engineering

Use computer aided design

computer aided manufacturing

Interactive computing in support of manufacturing. Used for CAM (manufacturing). *1982*

computer aided mapping

Creating data bases of topographic and man-made features for the production of traditional maps and digital maps. Resultant digital maps have great flexibility and can be easily updated. The user can select the appropriate scale, view selected features, and view any desired area. *1983*

computer architecture

Use architecture (computers)

computer compatible tapes

Machine readable tapes. *1980*

computer graphics

The technique of combining computer calculations with various display devices, printers, plotters, etc. to render information in graphical or pictorial format. Used for interactive graphics. *DOE 1969*

computer information security

Protective measures to prevent destruction, larceny, and/or unauthorized use of information in computerized files. Used for computer security. *1976*

computer networks

The interconnection of two or more computers for the mutual or individual processing of data to and from a multitude of terminals or stations by utilizing appropriate switching techniques, **transmission** systems, or miniprocessors. *1976*

computer program integrity

The completeness of a program to execute its intended function. *1980*

computer security

Use computer information security

computer simulation

Use computerized simulation

computer systems performance

The efficiency and **reliability** that characterize the real operation of the system. 1980

computer systems simulation

Forecasting of computer requirements by the use of predictive modeling and **estimating** computer workloads. 1980

computer vision

Capability of computers to analyze and act on visual input. 1981

computerized design

Use computer aided design

computerized simulation

Computer-calculated representation of a process, device, or concept in mathematical form. Used for ARIP (impact prediction), automatic rocket impact predictors, computer simulation, and IP (impact prediction). DOE 1968

ComStar C

The third in a series of Comsat domestic communications satellites launched in a transfer orbit by NASA for COMSAT. 1985

ComStar satellites

Series of domestic Comsat **communication satellites**. 1985

concatenated codes

Two or more codes which are encoded and decoded in series. 1982

concentration

The quantity of a substance contained in a unit quantity of sample. ASTM (E 135, E-2) 1968

concentric spheres

Structures in which the space between the spheres is utilized for experiments involving fluid flow, etc. 1980

concrete structures

Buildings, dams, stadiums, etc., constructed entirely of a mixture of aggregates, water, and Portland cement. 1980

concretes

Homogeneous mixtures of portland cement, aggregates, and water and which may contain admixtures. ASTM (C 822, C-13) 1968

condensation

The physical process by which a vapor becomes a liquid or solid; the opposite of **evaporation**. Specifically, in **meteorology**, the transformation from vapor to liquid. SP-7 1968

condensation nuclei

Liquid or solid particles upon which **condensation** of water begins in the atmosphere. 1983

conducting

Use conduction

conducting media

Use conductors

conduction

The transfer of energy within and through a conductor by means of internal particle of molecular activity and without any net external motion. Used for conducting. SP-7 1968

conduction bands

A range of states in the energy spectrum of a solid in which electrons can move freely. SP-7 1968

conductivity

The ability to transmit, as electricity, heat, sound, etc. A unit measure of electrical **conduction**; the facility with which a substance conducts electricity, as represented by the current density per unit electrical-potential gradient in the direction of flow. SP-7 1968

conductors

Substances or entities which transmit electricity, heat, or sound. Used for conducting media. SP-7 1968

cones

Geometric configurations having a circular bottom and sides tapering off to an apex (as in **nose cones**). Used for conical flare and fusiform shapes. SP-7 1968

confidence limits

In statistics, the upper and lower extremes of the confidence interval. SP-7 1968

configuration interaction

In physical chemistry, the interaction between two different possible arrangements of the electrons in an atom or molecule. 1979

confluence

Use convergence

conical flare

Use cones

conical scanning

Scanning in which the direction of maximum **radiation** generates a cone whose vertex angle is of the order of the beam width. Such scanning may be either rotating or nutating, according as the direction of **polarization** rotates or remains unchanged. SP-7 1968

conjugate gradient method

An interactive method for solving a system of linear equations of dimension N which terminates in at most N steps if no rounding errors are encountered. Each iterate will bring one closer to the solution. 1983

conjugated circuits

Branches of an electrical network configured so that a change in the electromotive force in either branch does not result in a current change in the other. 1981

consistency

A property of a material determined by the complete **flow force** relation. ASTM (C 11, C-11) 1968

consoles

Arrays of controls and indicators for the monitoring and control of a particular sequence of actions, as in the **checkout** of a rocket, a **countdown** action, or a launch procedure. SP-7 1968

constant volume balloons

Use superpressure balloons

constellations

Originally conspicuous configurations of **stars**; now regions of the **celestial sphere** marked by arbitrary boundary lines. SP-7 1968

consumables (spacecraft)

All supplies for **spacecraft** and spacecrews that will be consumed during a mission. 1979

contact loads

Dynamic loading by contact between two bodies. 1987

contact potentials

The potential differences at the junctions of two dissimilar substances. ASTM (B 374, B-8) 1968

contact resistance

The resistance to current **flow** between two touching bodies, consisting of constriction resistance and film resistance. ASTM (B 667, B-4) 1968

containers

A non-specific term for receptacles capable of closure. Used for receptacles (containers). ASTM (D 996, D-10) 1968

context

The composition, structure, or manner in which something is put together. Also refers to the situation or environment of an event. 1980

continental margins

Use continental shelves

continental shelves

The ocean floor that is between the shoreline and the abyssal ocean floor, including various provinces; the continental shelf; continental borderland; continental slope; and the continental rise. Used for continental margins. DOE 1969

continuous flow electrophoresis

Use electrophoresis

continuous spectra

Spectra in which **wavelengths**, wave numbers, and **frequencies** are represented by the continuum of real numbers or a portion thereof, rather than by a discrete sequence of numbers. For **electromagnetic radiation**, spectra that exhibit no detailed structure and represent a gradual variation of **intensity** with wavelength from one end to the other, as the spectra of incandescent solids. For particles, spectra that exhibit a continuous variation of the momentum or energy. SP-7 1968

continuums

Things that are continuous, which have no discrete parts as the continuum of real numbers as opposed to the sequence of discrete **integers**, as the background continuum of a spectrogram due to **thermal radiation**. SP-7 1968

contour sensors

The sensing of image coincidences by means of optical processing techniques. 1980

contrarotating propellers

Two propellers mounted on concentric shafts having a common drive and rotating in opposite directions. 1982

control rockets

Vernier engines, retrorockets, or other such rockets, used to change the attitude of, guide, or make small changes in the speed of a rocket, **spacecraft**, or the like. Used for steering rockets. SP-7 1968

control units (computers)

Those parts of computers that cause the arithmetic unit, storage, and transfer of a computer to operate in proper sequence. SP-7 1969

controllability

The capability of an aircraft, rocket, or other vehicle to respond to control, especially in direction or attitude. Used for handling qualities. SP-7 1968

controlled avalanche transit time devices

Use CATT devices

convection

In general, mass motion within a fluid resulting in transport and mixing of the properties of that fluid. Specifically, in meteorology, atmospheric motions that are predominately vertical. SP-7 1968

convection-diffusion equation

An equation for **convection** and **diffusion**, in which the rate of change with respect to time of the density (concentration) of the convecting/diffusing substance at a fixed point in space plus the product of the **divergence** of the velocity field and the density of the convecting/diffusing substance equals the product of the **diffusion coefficient** and the differential of the density of the convecting/diffusing substance. 1972

convergence

Approach to a limit, e.g., by an infinite sequence. Used for confluence. DOE 1968

convertaplanes

Use V/STOL aircraft

converters

Rotary devices for changing alternating current to direct current. **Transducers** whose **output** is a different frequency from its input. SP-7 1968

coolants

Liquids or gases used to cool something, as a rocket combustion chamber. SP-7 1968

coordinate systems

Use coordinates

coordinates

Sets of measures defining points in space. Used for axes (coordinates) and coordinate systems. SP-7 1968

copolymers

Polymers formed from two or more types of **monomers**. ASTM (D 1566, D-11) 1968

cordite

Use double base propellants

Coriolis effect

The physiological effect felt by a person moving radially in a rotating system, as a rotating space station resulting in **nausea vertigo**, dizziness, etc. Named after Gaspard G. Coriolis (d 1843), French civil engineer. SP-7 1968

corona discharges

Use electric corona

coronal holes

Solar areas where extreme UV and x ray coronal emission is

abnormally low or absent. These are coronal regions apparently associated with diverging **magnetic fields**. 1978

coronal loops

Loop like structures revealed in soft x ray images of the solar limb and believed to evolve from the introduction of energy and density perturbations at the top of an arched, cylindrical **magnetic flux** tube initially in **equilibrium** in the coronal plasma. 1980

corpuscular radiation

Nonelectromagnetic **radiation** consisting of energetic charged or neutral particles. Used for penetrating particles. 1968

correction

A quantity, equal in absolute magnitude to the error, added to a calculated or observed value to obtain a true value. SP-7 1968

correlation

In statistics, a relationship between two occurrences which is expressed as a number between minus one (-1) and plus one (+1). Used for correlation functions. SP-7 1968

correlation detection

A method of detection in which a signal is compared, point-to-point, with an internally generated reference. SP-7 1968

correlation functions

Use correlation

correlators

Devices that detect weak signals in noise by performing an electronic operation. Used for synchronous detectors. 1968

corrosion

The deterioration of a metal by chemical or electrochemical reaction with its environment. Used for metal corrosion. SP-7 1968

Cosmic Background Explorer satellite

A NASA satellite launched on November 18, 1989 on a Delta I expendable launch vehicle. It is designed to measure background **radiation** in order to confirm or deny the big bang theory. Used for COBE. 1979

cosmic dust

Finely divided solid matter with particle sizes smaller than a micrometeorite, thus with **diameters** much smaller than a millimeter, moving in interplanetary space. SP-7 1968

cosmic gamma ray bursts

Use gamma ray bursts

cosmic noise

Interference caused by cosmic radio waves. SP-7 1968

cosmic radiation

Use cosmic rays

cosmic rays

The aggregate of extremely high energy subatomic particles which travel the **solar system** and bombard the earth from all directions. Cosmic ray primaries seem to be mostly **protons**, hydrogen nuclei, but also contain heavier nuclei. On colliding with atmospheric particles they produce many different kinds of lower energy secondary cosmic radiation. Used for cosmic radiation. SP-7 1968

cosmochemistry

The branch of chemistry that deals with the chemical composition and changes in the universe. 1981

Cosmos 782 satellite

One in a series of **satellites** launched by the USSR reportedly for geophysical observations. 1977

Cosmos 936 satellite

One in a series of **satellites** launched by the USSR reportedly for geophysical observations. 1977

Cosmos 954 satellite

A Russian ocean surveillance satellite which reentered over Canada spreading radioactive debris. 1982

Cosmos 1129 satellite

Soviet VOSTOK biological spacecraft launched on September 25, 1979 carrying experiments from several nations. NASA contributed 13 experiments. 1979

COSPAS

The USSR satellite of the COSPAS-SarSat project which is a satellite-aided project for the search and rescue of distressed vehicles, administered by USSR, US, French, and Canadian agencies. 1983

Coulomb collisions

The collisions of sets of two particles both of which are charged. SP-7 1968

coulometers

Electrolytic cells or electronic devices arranged to measure the quantity of electricity by the chemical action produced in accordance with Faraday's law. ASTM (C 859, C-26) 1968

countdown

A step-by-step process that culminates in a climactic event, each step being performed in accordance with a schedule marked by a count in inverse numerical order; specifically, this process is used in leading up to the launch of a large or complicated rocket vehicle, or in leading up to a captive test, a readiness firing, a mock firing or other firing test. SP-7 1968

counter rotation

Movement of sets of bodies or fluids around a common axis where movement in own rotational direction is opposed by movement in the opposite direction. 1981

coupled modes

Modes of **vibration** that are not independent, but which influence one mode to the other. Used for mode coupling. SP-7 1968

couplings

Devices or contrivances for joining adjacent ends or parts of anything. Devices permitting transfer of energy from one electrical circuit to another, or from one mechanical device to another. SP-7 1968

coves

Use bays (topographic features)

crack closure

Phenomenon which occurs when the cyclic plasticity of a material gives rise to the development of residual plastic deformations in the vicinity of a crack tip, causing the fatigue crack to close at positive load. 1980

crack geometry

The shape and size of partial fractures or flaws in materials. 1980

crack opening displacement

The **displacement** at the mouth of a crack in a material. Used for COD (cracks). 1988

crack tips

The boundaries between cracked and uncracked material. 1983

cracking (chemical engineering)

A process used to reduce the **molecular weight** of hydrocarbons by breaking molecular bonds by thermal, catalytic, or **hydrocracking** methods. 1979

Crank-Nicholson method

A method for solving parabolic partial differential equations, whose main feature is an implicit method which avoids the need for using very small time steps. 1982

crashworthiness

The ability of a vehicle to withstand a crash. 1982

Cray computers

Supercomputers built by Cray Research Inc. that require the supporting services of another front-end general purpose computer for operation. They incorporate very fast scalar and vector **hardware**, are used primarily for the simulation of physical phenomena, and are programmed in FORTRAN. 1983

creep resistance

Use creep strength

creep strength

The constant nominal stress that will cause a specified quantity of creep in a given time at constant temperature. Used for creep resistance. SP-7 1968

crestatrons

Use traveling wave tubes

crew procedures (inflight)

Operations performed by crews aboard aircraft or spacecraft during flight. Includes **flight operations** as well as spaceborne experiment procedures. 1979

crew procedures (preflight)

Operations performed by crews aboard aircraft or spacecraft and by ground support crews before flight or launching. 1979

crew size

The number of people in a crew. 1981

criteria

The minimum **standards** or limits on which judgments may be based. ASTM (E 541, E-6) 1968

critical frequencies

The limiting **frequencies** below which magnetoionic wave components are reflected and above which they penetrate through, an ionized medium (plasma) at vertical **incidence**. SP-7 1968

critical Mach number

Use critical velocity

critical Mach number

Use Mach number

critical mass

The amount of concentrated fissionable material that can just support a self-sustaining **fission** reaction. SP-7 1968

critical point

The thermodynamic state in which liquid and gas phases of a substance coexist in **equilibrium** at the highest possible temperature. At higher temperature than the critical no liquid phase can exist. SP-7 1968

critical pressure

In rocketry, the pressure in the nozzle throat for which the isentropic **weight** flow rate is maximum. The pressure of a gas at the **critical point**, which is the highest pressure under which a liquid can exist in **equilibrium** with its vapor. SP-7 1968

critical Reynolds number

Use Reynolds number

critical speed

Use critical velocity

critical temperature

The temperature above which a substance cannot exist in the liquid state regardless of the pressure. As applied to reactor overheat or afterheat, the temperature at which the least resistant component of the reactor core begins to melt down. As applied to materials, the temperature at which a change in phase takes place causing an appreciable change in the properties of the material. SP-7 1968

critical velocity

In rocketry, the speed of sound at the conditions prevailing at the nozzle throat. Used for critical Mach number, critical Reynolds number, and critical speed. SP-7 1968

crop calendars

Schedules for the maturation and harvesting of seasonal crops. 1980

crop dusting

The application of fungicides or insecticides in powder form to a crop, usually from a low flying aircraft. 1979

crop inventories

Numerical estimates of vegetable, fruit, and other commercial farm products based on the analysis of photography or imagery from aircraft or **satellites** made during periodic passes during the growth cycle. 1977

Crop Inventories by Remote Sensing

Use AgRISTARS project

cross faults

Use geological faults

cross flow

A **flow** going across another flow, as a spanwise flow over a wing. SP-7 1970

cross polarization

The component of the electric field vector normal to the desired **polarization** component. 1977

cross sections

Measures of the effectiveness of particular processes expressed either as areas (geometric cross sections) which would produce the observed results, or as ratios. SP-7 1968

crosstalk

Electrical disturbances in a communication channel as a result of coupling with other communication channels. SP-7 1968

crustal dynamics

Use geodynamics

cryochemistry

The study of chemical phenomena in very low temperature environment. 1978

cryogenic coolingUse of cryogenic fluids to reach temperatures near **absolute zero**. 1980**cryogenic rocket propellants**

Rocket fuels, oxidizers, or propulsion fluids which are liquid only at very low temperatures. SP-7 1968

cryogenic wind tunnelsWind tunnels employing a cryogenic environment and utilizing independent control over **Mach number**, **Reynolds number**, aeroelastic effects, and model-tunnel interactions. 1976**cryogenics**

The study of the methods of producing very low temperatures. The study of the behavior of materials and processes at cryogenic temperatures. SP-7 1968

cryopumping

The process of removing gas from a system by condensing it on a surface maintained at very low temperatures. SP-7 1968

cryosorption

Use sorption

cryotronsDevices based upon the principle that **superconductivity** established at temperatures near **absolute zero** is destroyed by the application of a magnetic field. SP-7 1968**cryptography**

The science of preparing messages in a form which cannot be read by those not privy to the secrets of the form. 1981

crystal dislocationsTypes of lattice imperfections whose existence in metals is postulated in order to account for the phenomenon of crystal growth and of slip, particularly for the low value of **shear stress** required to initiate slip. SP-7 1968**crystal lattices**

Three-dimensional, recurring patterns in which the atoms of crystals are arranged. SP-7 1968

cultural resources

Archaeological and historical sites. DOE 1972

Curie temperature

The temperature in a ferromagnetic material above which the material becomes substantially nonmagnetic. SP-7 1968

curl (vectors)A vector operation upon a vector field which represents the **rotation** of the field, related to the **circulation** of the field at each point. SP-7 1968**currents (oceanography)**

Use water currents

curvilinear coordinates

Use spherical coordinates

cut-offAn act or instance of shutting something off; specifically, in rocketry, an act or instance of shutting off the propellant **flow** in a rocket, or stopping the combustion of the propellant. SP-7 1968**cyanide emission**

Use CN emission

cybernetics

The study of methods of control and communication which are common to living organisms and machines. SP-7 1968

cycles

The complete sequences of values of a periodic quantity that occur during a period. Used for cycling and periodic processes. SP-7 1968

cyclic adenosine monophosphate

Use cyclic AMP

cyclic AMP

A nucleotide which is implicated as an intracellular messenger in a wide variety of cellular processes. Prototypically it acts as a molecular transducer of nonsteroid signals from outside the cell to relevant cellular enzymes by a series of reactions. Used for cyclic adenosine monophosphate. 1983

cyclic compounds

In organic chemistry, compounds containing a ring of atoms. 1977

cycling

Use cycles

cyclones (equipment)

Use centrifuges

cyclotron frequencyFrequency at which a charged particle **orbits** in a uniform magnetic field. It depends on the charge to mass ratio of the particle times the magnetic field. While the frequency is independent of the particle energy, Lamor orbit increases with energy. SP-7 1968**cyclotron radiation**The **electromagnetic radiation** emitted by charged particles as they orbit in a magnetic field. The **radiation** arises from the centripetal acceleration of the particle as it moves in a circular orbit. SP-7 1968**cyclotron resonance**Energy transfer to charged particles in a magnetic field from an alternating-current electric field whose frequency is equal to the **cyclotron frequency**. SP-7 1968**cyclotron resonance devices**Microwave amplifiers based on the interaction between electromagnetic waves and transverse electron streams moving along helical **trajectories**. Used for gyrotrons. 1978**cylindrical afterbodies**

Use afterbodies

cylindrical plasmas

Magnetic self-attraction of parallel electric currents causing constriction of a conducting plasma through which a large current is flowing. 1980

cylindrical waves

Waves in which the wave fronts are coaxial cylinders. SP-7 1968

Czechoslovakian spacecraft
Spacecraft of Czechoslovakia.

1980

D

DAEMO (data analysis)
Use data processing

DAEMO (data analysis)
Use data reduction

Dalton law

The empirical generalization that for many so-called perfect gases, a mixture of these gases will have a pressure equal to the sum of the partial pressures that each of the gases would have as a sole component with the same volume and temperature, provided there is no chemical interaction. *SP-7 1968*

DAMA

Use demand assignment multiple access

damage assessment

Estimate of injury or loss to components, subsystems, or entire systems, as well as the cost of repairs or replacement to restore serviceability. *1980*

damping

The suppression of **oscillations** or disturbances; the dissipation of energy with time. Used for damping factor, damping in pitch, damping in roll, damping in yaw, elastic stability, and jet damping. *SP-7 1968*

damping factor

Use damping

damping in pitch

Use damping

damping in pitch

Use pitch (inclination)

damping in roll

Use damping

damping in yaw

Use damping

dark adaptation

The process by which the iris and retina of the eye adjust to allow maximum vision in dim illumination, following exposure of the eye to a relatively brighter illumination. *SP-7 1968*

Dassault Mystere 50 aircraft

Use Mystere 50 aircraft

DAST program

A NASA program which uses the Firebee 2 target drone aircraft as a test bed for getting flight data on research wings. The drone is launched from the wing of a B52 and recovered by parachute. The program's purpose is the study of flight loads and load control. Used for drones for aerodynamic and struct test. *1983*

data adaptive evaluator/monitor

Use data processing

data adaptive evaluator/monitor

Use data reduction

data analysis

Use data processing

data analysis

Use data reduction

data base management systems

Software products that control **data structures** containing interrelated data stored so as to optimize accessibility and control, minimize redundancy, and offer multiple views of the data to various applications programs. *1981*

data integration

Taking data from multiple sources and merging the data into a single data file. *1982*

data links

Communications channels or **circuits** used to transmit data from a sensor to a computer; a readout device or a storage device. *SP-7 1968*

data processing

Application of procedures, mechanical, electrical, computational, or other whereby data are changed from one form to another. Used for automatic data processing, DAEMO (data analysis), data adaptive evaluator/monitor, and data analysis. *SP-7 1968*

data processing equipment

Machines for handling information in a sequence of reasonable operations. Used for data processors. *SP-7 1968*

data processors

Use data processing equipment

data reduction

Transformation of observed values into useful, ordered, or simplified information. Used for DAEMO (data analysis), data adaptive evaluator/monitor, data analysis, and TARE (data reduction). *SP-7 1968*

data simulation

The use of statistical or physical models to produce synthetic data for testing purposes. *1982*

data smoothing

The mathematical process of fitting a smooth curve to dispersed data points. *SP-7 1968*

data structures

The organization of computer memory used to represent information in a computer program or database. *1982*

data transfer (computers)

The technique used by the **hardware** manufacturer to transmit data from computer to storage device or from storage device to computer, usually under specialized program control. *1986*

dawsonite

A mineral consisting of aluminum sodium carbonate. *1980*

DBS (satellites)

Use direct broadcast satellites

deacclimatization

Use acclimatization

dead reckoning

In **navigation**, determination of position by advancing a previous known position for courses and distances. *SP-7 1968*

debugging

Use checkout

Debye length

A theoretical **length** which describes the maximum separation at which a given electron will be influenced by the electric field of a given positive ion. *SP-7 1968*

Debye temperature

Use specific heat

Decca navigation

A long range, ambiguous, two dimensional **navigation** system using continuous wave **transmission** to provide hyperbolic lines of position through the radio frequency phase comparison techniques from four **transmitters**. *SP-7 1968*

deceleration

The act or process of moving, or cause to move, with decreasing speed. *SP-7 1968*

decision elements

Use logical elements

declination

Angular distance north or south of the celestial equator; the arc of an hour circle between the celestial equator and a point on the **celestial sphere**, measured northward or southward from the celestial equator through 90 degrees, and labeled N or S to indicate the direction of measurement. *SP-7 1968*

decoders

Devices for translating electrical signals into predetermined functions. In computer operations, networks or devices in which one of two or more possible outputs results from a prescribed combination of inputs. *SP-7 1968*

decommissioning

Disposal or deactivation of equipment or sites whose usefulness has diminished to a point where it is no longer required for its original purpose. *1981*

decommutators

Equipment for separation, demodulation, or **demultiplexing** commutated signals. *SP-7 1968*

decompression sickness

A disorder experienced by deep sea divers and aviators caused by reduced **atmospheric pressure** and evolved gas **bubbles** in the body, marked by pain in the extremities, pain in the chest (chokes), occasionally leading to severe central nervous system symptoms and neurocirculatory collapse. Used for bends (physiology). *SP-7 1968*

deep well injection (wastes)

Storage of **liquid wastes**, particularly chlorohydrocarbons, by injection into subsurface geologic strata for long term isolation from the environment. *1977*

Defense Meteorological Satellite Program

Use DMSP satellites

deflagration

A sudden or rapid burning, as opposed to a **detonation** or explosion. *SP-7 1968*

deflectors

Plates, **baffles**, or the like that divert something in its movement or **flow**. *SP-7 1968*

deformation

A change in the shape or size of a solid body. *ASTM (D 653, D-18) 1968*

degassing

The deliberate removal of gas from a material, usually by application of heat under high vacuum. Used for bakeout. *SP-7 1968*

degenerate matter

A state of matter found in white dwarf stars and other ultrahigh-density objects in which the electrons follow **Fermi-Dirac statistics**, i.e., the matter reaches a density high enough so that the pressure increases more and more rapidly to the point where it becomes independent of the temperature and is a function of the density only, thereby departing from the classical laws of physics. *1987*

degenerative feedback

Use negative feedback

degradation

Gradual deterioration in performance. *SP-7 1968*

degrees of freedom

A mode of motion, either angular or linear, with respect to a coordinate system, independent of any other mode. A body in motion has six possible degrees of freedom, three linear and three angular. *SP-7 1968*

dehumidification

The reduction, by any process, of the quantity of **water vapor** within a given space. *ASTM (E 41, G-3) 1968*

Deimos

A satellite of Mars orbiting at a mean distance of 23,500 kilometers. *SP-7 1968*

deionization

The removal of **ions** from a solution by ion exchange. *ASTM (B 374, B-8) 1968*

delay lines (computer storage)

In electronic computers, devices for producing a time delay of a signal. *SP-7 1968*

delta wings

Triangularly shaped wings of aircraft. Used for triangular wings. *SP-7 1968*

demagnetization

The reduction of residual magnetism to an acceptable level. *ASTM (E 269, E-7) 1968*

demand assignment multiple access

A technique of assigning communication resources on an 'as needed basis' such as in satellite communications. Used for DAMA. *1982*

demodulators

Electronic devices which operate on an input of a modulated carrier to recover the modulating wave as an **output**. *SP-7 1968*

demography

Statistical study of human populations, especially with reference to size, density, distribution, and vital data. 1979

demultiplexing

Separation of two or more signals that were previously combined by a compatible multiplexer and transmitted over a single channel. 1982

dendrochronology

The use of annual growth rings in plant tissue to determine the age of the plant or tree. Used for tree ring dating. 1980

densimeters

Instruments for measuring the density or specific gravity of liquids, gases, or solids. 1979

densitometers

Instruments for the measurement of optical density (photographic transmission, photographic reflection, visual transmission, etc.) of a material, generally of a photographic image. SP-7 1968

density (rate/area)

Use flux density

dependent variables

Variables considered as a function of other variables, the latter being called independent. SP-7 1968

depolarization

A decrease in the polarization of an electrode at a specified current density. Used for depolarizers. ASTM (B 374, B-8) 1968

depolarizers

Use depolarization

depth perception

Use space perception

desertification

The formation of a desert or the gradual expansion of a desertline into previously usable land, due to man-made or natural causes. 1984

desiccants

Chemicals used to absorb moisture. ASTM (A 700, A-1) 1968

design to cost

A process whereby cost factors are determined and calculated for the life cycle of a product as an integral part of its design. 1981

desorption

The process of removing sorbed gas. SP-7 1968

desynchronization (biology)

The loss of synchronization between two or more rhythms so that they show independent periods. 1982

detachment

A particular state of isolation in which man is separated or detached from his accustomed behavioral environment by inordinate physical and psychological distances. This condition may compromise his performance. SP-7 1968

detectors

Sensors or instruments employing a sensor. SP-7 1968

detonation

A rapid chemical reaction which propagates at a supersonic velocity. Used for Chapman-Jouget flame. SP-7 1968

detonation waves

Shock waves that accompany detonation and have a shock front followed by a region of decreasing pressure in which the reaction occurs. DOE 1968

deuterium

A heavy isotope of hydrogen having one proton and one neutron in the nucleus. Used for hydrogen 2. SP-7 1968

deuterium fluoride lasers

Use DF lasers

deuterium fluorides

Fluorides of deuterium, a heavy isotope of hydrogen. Used for DF. 1976

deuterium oxides

Use heavy water

deuterons

The nuclei of deuterium atoms. SP-7 1968

deviation

The variation from a specified dimension or design requirement, usually defining upper and lower limits. ASTM (E380, E-43) 1968

dew point

Temperature at which water vapor begins to condense. 1981

dewatering

Removal of water by draining, pumping, or other means. 1980

DF

Use deuterium fluorides

DF lasers

Gas lasers in which the active material is deuterium fluoride. Used for deuterium fluoride lasers. 1976

DHC Beaver aircraft

Use DHC 2 aircraft

DHC 2 aircraft

De Havilland Canada STOL utility aircraft. Used for DHC Beaver aircraft. 1978

diameters

Lengths of the longest straight lines through the centers of the largest cross sections. ASTM (F 547, F-16) 1968

diaphragm (anatomy)

Musculomembranous partition separating the abdominal and thoracic cavities. DOE 1968

diatoms (unicellular plants)

Use algae

didymium

A mixture of rare earth elements that is freed from cerium. It was once regarded as an element but contains chiefly neodymium and praseodymium and is usually associated with lanthanum. It is used in coloring glass for optical filters. 1982

dielectric materials

Use dielectrics

dielectrics

Substances that contain few or no free charges and which can support electrostatic **stresses**. Used for dielectric materials.

SP-7 1968

dielectronic satellite lines

Use resonance lines

differential analyzers

Analog computers designed and used primarily for solving differential equations.

SP-7 1984

differential pulse code modulation

An efficient signal encoding method of reducing the **transmission** rate of digital signals. The basic principle of DPCM is to quantize code and transmit the difference between the actual sample and prediction value. Used for DPCM (modulation).

1981

differential thermal analysis

Use thermal analysis

differentiators

In computer operations, devices whose **output** is proportional to the derivative of an input signal. In **electronics**, a transducer whose output waveform is the time derivative of its input waveform.

SP-7 1968

diffraction

The process by which the direction of **radiation** is changed so that it spreads into the geometric shadow region of an opaque or refractive object that lies in a radiation field. Used for interference monochromatization and Kirchhoff-Huygens principle.

SP-7 1968

diffraction propagation

Wave propagation around objects, or over the **horizon**, by **diffraction**.

SP-7 1968

diffraction radiation

Electromagnetic radiation excited by an electron flux passing near a diffractive, periodic structure, such as a wiggler magnet in a free electron laser.

1986

diffuse radiation

Radiant energy propagating in many different directions through a given small volume of space; to be contrasted with parallel **radiation**. Used for lunar scattering.

SP-7 1968

diffusers

Specially designed **ducts**, chambers, or sections, sometimes equipped with **guide vanes**, that decrease the **velocity** of a fluid, as air, and increases its pressure, as in **jet engines**, **wind tunnels**, etc. Used for shock diffusers.

SP-7 1968

diffusion

In an atmosphere, or in any gaseous system, the exchange of fluid parcels between regions, in apparently random motions of a scale too small to be treated by the **equations of motion**. In materials, the movement of atoms of one material into the crystal lattice of an adjoining material, e.g., penetration of the atoms in a ceramic coating into the lattice of the protected metal. In **ion engines**, the migration of **neutral atoms** through a porous structure incident to **ionization** at the emitting surface. Used for diffusion effect and perfusion.

SP-7 1968

diffusion coefficient

The absolute value of the ratio of the molecular **flux** per unit area to the **concentration** gradient of a gas diffusing through a gas or a porous medium where the molecular flux is evaluated across a surface perpendicular to the direction of the concentration gradient.

SP-7 1968

diffusion effect

Use diffusion

diffusion-convection equation

Use convection-diffusion equation

diffusivity

A measure of the rate of **diffusion** of a substance, expressed as the diffusivity coefficient *K*.

SP-7 1968

digital circuits

Use digital electronics

digital computers

Computers which operate with information, numerical or otherwise, represented in a digital form.

SP-7 1968

digital electronics

The use of **circuits** in which there are usually only two states possible at any point. The two states can represent any of a variety of binary digits (bits) of information. Used for digital circuits.

1986

digital filters

Computational means of attenuating undesired **frequencies** in sets of time-dependent data.

DOE 1969

digital television

Television in which picture redundancy is reduced or eliminated by transmitting only the data needed to define motion in the picture, as represented by changes in the areas of continuous white or black.

1977

digitizers

Use analog to digital converters

dihydroxyphenylalanine

Use dopa

dikes (geology)

Use rock intrusions

dilatometers

Use extensometers

Dione

One of the natural satellites of Saturn orbiting at a mean distance of 378,000 kilometers.

1980

dipole antennas

A straight radiator, usually fed in the center, and producing a maximum of **radiation** in the plane normal to its axis. The **length** specified is the overall length. SN (single dipole antennas)

SP-7 1968

dipoles

Systems composed of two, separated, equal electric or magnetic charges of opposite sign.

SP-7 1968

direct broadcast satellites

Domestic **satellites** used for direct TV transmission to home **receivers**. Used for DBS (satellites).

1986

direction finders (radio)

Use radio direction finders

direction finding

A procedure or process for locating or localizing the origin of radar, acoustical, or optical emissions. 1982

directional antennas

Antennas that radiate or receive radio signals more efficiently in some directions than in others. Used for tracking antennas. SP-7 1968

directional solidification (crystals)

Controlled solidification (crystal growth) of molten metal in a casting so as to provide feed metal to the solidifying front of the casting. 1977

directional stability

The property of an aircraft, rocket, etc., enabling it to restore itself from a yawing or sideslipping condition. SP-7 1968

directivity

The ability of an antenna to radiate or receive more energy in some directions. SP-7 1968

directories

Alphabetical, geographical, or classified listings by field of persons, organizations, programs and/or objects such as instruments, devices, and products. Use of this term excludes directories in computers. 1983

dirigibles

Use airships

disasters

Large-scale drought, glacier movement, floods, fires, storms, etc. DOE 1968

discharge tubes

Use gas discharge tubes

discontinuity

A break in sequence or continuity of anything. SP-7 1968

Discos (satellite attitude control)

A satellite orbit 'Disturbance COmpensation System' designed to maintain an object (proof object) in correct orbit by detecting forces and compensating for them by using thrusters. 1981

discovering

Use exploration

discrete address beacon system

Radar beacon system with discretely addressable transponders and a ground-air-ground data link for automated air traffic control (FAA). 1977

discriminant analysis (statistics)

A linear combination of a set of N variables that will classify (into two different classes) the events or items for which the measurements of the N variables are available, with the smallest proportion of misclassifications. Used for discriminant functions. 1981

discriminant functions

Use discriminant analysis (statistics)

discriminators

In general, a circuit in which **output** depends upon the difference between an input signal and a reference signal. SP-7 1968

dishes

Use parabolic reflectors

disk galaxies

Galaxies consisting of a central bulge of a spheroidal aggregation of stars and a surrounding disk of stars fanning outward in a thin layer. 1979

disk operating system (DOS)

A program with which the computer performs such mundane but useful tasks as storing, locating, and retrieving files on disk, reading the keyboard, and issuing display and print information. 1988

displacement

A vector quantity that specifies the change of position of a body the change of position of a body or particle usually measured from the mean position or position of rest. SP-7 1968

dissociation

The separation of a complex molecule into constituents by collision with a second body, or by absorption of a photon. The product of dissociation of a molecule is two **ions**, one positively charged and one negatively charged. Used for molecular dissociation. SP-7 1968

dissolved gases

Gases in solution. 1980

distance measuring equipment

A radio aid to navigation which provides distance information by measuring total round trip time of **transmission** from an integrator to a transponder and return. SP-7 1968

distance perception

Use space perception

distortion

An undesired change in waveform. In a system used for **transmission** or reproduction of sound, a failure by the system to transmit or reproduce a received waveform with exactness. An undesired change in the dimensions or shape of a structure as, distortion of a fuel tank due to abnormal **stresses** or extreme temperature gradients. SP-7 1968

distributed feedback lasers

Lasers containing a periodic medium which provides the necessary **feedback** for laser action. 1985

distributed processing

Processing with multiple small computers that are capable of operating independently but can communicate over a network with each other and/or a central computer. 1982

distribution functions

The density functions or number of particles per unit volume of phase space. The distribution functions are a function of the three space **coordinates** and the three **velocity** coordinates. SP-7 1968

ditching (excavation)

Use excavation

diurnal rhythms

Use circadian rhythms

divergence

The expansion or spreading out of a vector field; also a precise measure thereof. A static instability of a lifting surface or of a body on a vehicle wherein the aerodynamic loads tending to deform surface or body are greater than the elastic restoring forces.

SP-7 1968

DMSP satellites

Satellites of the defense meteorological satellite program, a program sponsored by the United States Air Force System Command's Space Division which provides timely global imagery and specialized meteorological data for supporting a variety of Department of Defense operations. Used for Defense Meteorological Satellite Program.

1983

docking

Use spacecraft docking

documentation

The assembling, coding, and disseminating of recorded knowledge.

DOE 1968

doghouses (electronics)

Small enclosures placed at the base of transmitting antenna towers to house antenna tuning equipment.

1976

dolomite (mineral)

A common rock-forming rhombohedral material consisting of calcium, magnesium, and carbonates. It is used for refractory products.

DOE 1968

dopa

An intermediate organic compound produced by **oxidation** of tyrosine by tyramine; also, an intermediate product in the synthesis of both epinephrine and melanin. Used for dihydroxyphenylalanine.

1980

doping (additives)

Use additives

Doppler effect

The change in frequency with which energy reaches a receiver when the receiver and the energy source are in motion relative to each other. Used for DOVAP and stellar Doppler shift.

SP-7 1968

Doppler navigation

Dead reckoning performed automatically by a device which gives a continuous indication of position by integrating the speed derived from measurement of the **Doppler effect** of **echoes** from directed beams of radiant energy transmitted from the craft.

SP-7 1968

Doppler radar

Radar which utilizes the **Doppler effect** to determine the radial component of velocities of relative **radar targets** or to select targets having particular radial velocities.

IEEE 1968

Doppler-Fizeau effect

The **Doppler effect** applied to a source of light. When the distance between the observer and the source of light is diminishing, the lines of the spectrum are displaced towards the violet, and, when the distance is increasing, they are displaced toward the red, the **displacement** being proportional to the relative **velocity** of approach or recession.

SP-7 1968

dosimeters

Instruments for measuring the ultraviolet in solar and sky **radiation**. Devices worn by persons working around radioactive

material, which indicate the dose of radiation to which they have been exposed. Used for dosimetry.

SP-7 1968

dosimetry

Use dosimeters

double base propellants

Solid rocket propellants using two unstable compounds, such as nitrocellulose and nitroglycerin. The unstable compounds used in a double based propellant do not require a separate oxidizer. Used for cordite.

SP-7 1968

double stars

Stars which appear as single points of light to the eye but which can be resolved into two points by a telescope. A double star is not necessarily a binary, a two star system **revolving** about a common center, but may be an optical double, two unconnected stars in the same **line of sight**.

SP-7 1985

doughnut shape wheels

Use toroidal wheels

DOVAP

Use Doppler effect

downlinking

The transmission of signals (data, information, etc.) from **satellites** to ground terminals.

1980

downrange

The **airspace** extending downstream on a given rocket test range.

SP-7 1968

downtime

A period during which equipment is not operating correctly because of machine failure.

SP-7 1968

DPCM (modulation)

Use differential pulse code modulation

drag

A retarding **force** acting upon the direction of motion of the body. It is a component of the total fluid forces acting on the body. Used for drag effect.

SP-7 1968

drag balance

Use lift drag ratio

drag coefficients

The ratios of **drag** to the products of dynamic pressures and reference areas.

1982

drag effect

Use drag

drag force anemometers

Instruments for measuring both the static and dynamic **velocity** head and flow in high frequency, unsteady flow.

1980

dredged materials

Sand, mud, silt, gravel, etc., recovered from the bottoms of **harbors**, canals, etc., during **dredging** operations.

1977

dredging

Mechanical or hydraulic **excavation** of underwater material. Used in maintaining and building of channels and ports as well as underwater mining of sand, gravel, and **minerals**.

1982

drift rate

The amount of drift, in any of its several senses, per unit time. Drift rate has many specific meanings in different fields. The type of drift rate should always be specified. *SP-7 1968*

drone aircraft

Remotely controlled aircraft. Used for drone helicopters.

SP-7 1968

drone helicopters

Use drone aircraft

Drones for Aerodynamic and Struct Test

Use DAST program

drooped airfoils

A baseline airfoil with an abrupt change in cross-section at about midspan from the fuselage. The outboard portion of the wing has a cross-section with a nearly flat bottom and a drooped (downward) leading edge in relation to the inboard baseline wing.

1979

drop size

The diameter of a drop if it is approximately spherical; otherwise, the approximate shape and appropriate dimensions must be described.

ASTM (G 40, G-2) 1968

drop towers

Large devices for low gravity processing of molten material which consist of either a capsule which is dropped, or a drop tube where containerless low gravity studies are conducted or both. Used for drop tubes. *1982*

drop tubes

Use drop towers

dropouts

Discrete variations in signal levels during the reproduction of recorded data which result in **data reduction** errors. *SP-7 1968*

drops (liquids)

Small bodies of liquid held together primarily by surface tension. Used for liquid drops. *ASTM (G 40, G-2) 1968*

dropsondes

Radiosondes equipped with a parachute, dropped from an aircraft to transmit measurements of atmospheric conditions as it descends. *SP-7 1968*

drumlins

Use glacial drift

DTA (analysis)

Use thermal analysis

dual wing configurations

A configuration of two wings of nearly the same planform and area, one behind the other. *1981*

duality principle

Principle that for any theorem in electric circuit analysis there is a dual theorem in which quantities are replaced with dual quantities. Examples are current and voltage or **impedance** and admittance. *1980*

duality theorem

Theorem which states that if either of two dual linear programming problems has a solution, then so does the other. *1980*

duct geometry

The shape and dimensions of ports or other openings designed for passage of fluids (gases, **liquids**, or mixtures) in or external to **engines**. *1979*

ducted fan engines

Aircraft engines incorporating a fan or propeller enclosed in a duct; especially **jet engines** in which an enclosed fan or propeller is used to ingest ambient air to augment the gases of **combustion** in the jetstream. *SP-7 1968*

ducted fans

Fans enclosed in **ducts**.

SP-7 1968

ducts

Specifically, tubes or passages that confine and conduct fluids, as passages for the flow of air to **compressors** of gas turbine engines, or pipes leading air to superchargers. *SP-7 1968*

dullness

Use luster

dummy loads

Use impedance

dummy loads

Use output

dump combustors

Combustors having a means of reducing flow velocity and forming recirculation zones through the sudden enlargement area between the inlet duct and the combustion chamber. *1987*

dunes

Low mounds, ridges, banks, or hills of loose, windblown granular material, usually sand, capable of movement. Used for barchans, coastal dunes, and sand dunes. *DOE 1972*

duplex operation

The operation of associated transmitting and receiving apparatus in which the processes of **transmission** and reception are concurrent. *SP-7 1968*

duplexers

Devices which permit a single antenna system to be used for both transmitting and receiving. Duplexers should not be confused with **diplexers**, devices permitting an antenna system to be used simultaneously or separately by two **transmitters**. *SP-7 1968*

dwarf galaxies

Galaxies with low luminosity.

1982

dwarf novae

Short period binary systems in which a red quasi-main sequence star fills its Roche lobe and transfers matter, via an accretion disk, onto a white dwarf. *1981*

dynamic loads

Loads imposed by dynamic action, as distinguished from a static load. Specifically, with respect to aircraft, rockets, or **spacecraft**, a load due to an acceleration of craft, as imposed by gusts, by maneuvering, by landing, by firing rockets, etc. *SP-7 1968*

dynamic models

Models of aircraft or other objects having their linear dimensions and **weight** and moments of inertia reproduced in scale in proportion to the original. *SP-7 1968*

dynamic pressure

The pressure of a fluid resulting from its motion, equal to one half the fluid density times the fluid **velocity** squared. In incompressible flow, dynamic pressure is the difference between total pressure and static pressure. *SP-7 1968*

dynamic range

The range of a signal detector or transmitter between the smallest and largest detectable signal levels which can be detected without inducing changes in its gain characteristics; usually expressed in decibels. *1972*

dynamic stability

The characteristics of a body, such as an aircraft or rocket, that causes it, when disturbed from an original state of steady flight or motion, to damp the **oscillations** set up by restoring moments and gradually return to its original state; specifically, the aerodynamic characteristics. *SP-7 1968*

dynamics

Study of the motion of a system of material particles under the influence of forces, especially those which originate outside the system under consideration. *DOE 1968*

Dynamics Explorer satellites

Two **satellites** that have been designed to occupy different **orbits** and supply comparative data for studying the boundary region between earth and space. Of the 24 goals of the program, one half require both satellite's data, one fourth one satellite's data and one fourth the other satellite's data. The satellites were launched together in August of 1981. *1981*

Dynamics Explorer 1 satellite

A twin satellite of **Dynamics Explorer 2 satellite** designed to study the magnetosphere, ionosphere, and atmosphere coupling. *1981*

Dynamics Explorer 2 satellite

A twin satellite of **Dynamics Explorer 1 satellite** designed to study the magnetosphere, ionosphere, and atmosphere coupling. *1981*

dynamometers

Instruments for measuring power or **force**; specifically, instruments for measuring the power, **torque**, or thrust of aircraft engines or rockets. Used for electrodynamicometers. *SP-7 1968*

dyspnea

Difficult or labored breathing. *SP-7 1970*

E**E glass**

A low alkali lime **borosilicate glass** made into glass fiber filaments used in **composite materials**. *1981*

earphones

Electroacoustic transducers operating from an electrical system to an acoustical system and intended to be closely coupled acoustically to the ear. Used for headsets. *SP-7 1968*

Earth (planet)

That planet of the **solar system** which is fifth in size of the 9 major **planets**, and third (between Venus and Mars) in order of distance from the **sun** (about 93 million miles). Major data for the Earth: equatorial radius: 6,378 kilometers (3,963.5 miles); polar radius: 6,357 kilometers (3,941 miles); equatorial circumference: 40,075 kilometers (24,902 miles). *AGI 1968*

Earth axis

Any one of a set of mutually perpendicular reference axes established with the upright axis (the Z axis) pointing to the center of the Earth, used in describing the position or performance of an aircraft or other body in flight. The Earth axes may remain fixed or may move with the aircraft or other object. *SP-7 1968*

Earth currents

Use telluric currents

Earth figure

Use geodesy

Earth hydrosphere

That part of the Earth that consists of the **oceans, seas, lakes, and rivers**. Used for hydrosphere (Earth). *SP-7 1968*

Earth mantle

The zone of the Earth below the crust and above the core (to a depth of 3480 km), which is divided into the upper mantle and the lower mantle, with a transition zone between. Used for mantle (Earth structure). *DOE 1968*

Earth observations (from space)

The acquisition of Earth surface data from aircraft or **spacecraft**. *1979*

Earth Observing System (EOS)

NASA's orbital multisensor observatory system for the long term acquisition of Earth sciences data to be operated in conjunction with an integrated ground-based science information system. This international system will become operational in 1995 when the first of four polar platforms will be launched. The first and third will be launched under U.S. auspices. The second under ESA auspices and the last under Japanese auspices. *1987*

Earth radiation budget experiment

Radiation measurements to determine the spatial and temporal variations of the Earth's **radiance**. The measurements have continued for the past two decades beginning with Explorer 7 in 1959 and through Nimbus 6 and 7. Used for ERBE. *1980*

Earth Resources Technology Satellite C

Use Landsat 3

Earth shape

Use geodesy

Earth terminal measurement system

NBS system for measuring electromagnetic parameters of **communication satellites** and ground stations relative to antenna gain, ratio of carrier power to operating noise temperature, and satellite effective isotropic power. *1979*

Earth terminals

Portable or stationary ground-based equipment used to transmit and receive signals and other data via **satellites** in communications networks. *1981*

Earth-ionosphere waveguide

A natural waveguide consisting of the atmospheric duct formed by the ionospheric D region and the surface of the Earth making possible long-range communications in the 10KHz frequency range. 1972

earthquake resistance

Structural strength of natural geological formations reacting to seismic forces. 1980

earthquake resistant structures

Buildings and other structures designed for maximum safety and protection from the effects of **earthquakes**. 1977

earthquakes

Sudden motions or tremblings in the Earth caused by the abrupt release of slowly accumulated strain. AGI 1968

echelon faults

Use geological faults

echoencephalography

A diagnostic technique in which **pulses** of ultrasonic waves are beamed through the head from both sides, and **echoes** from the midstructures of the brain are recorded as graphic tracings. 1982

echoes

Waves that have been reflected or otherwise returned with sufficient magnitude and delay to be detected as a wave distinct from that directly transmitted. In **radar**, a pulse of reflected radiofrequency energy; the appearance on a radar indicator of the energy returned from a target. SP-7 1968

eclipses

The reductions in visibility or disappearances of nonluminous bodies by passing into the **shadows** cast by another nonluminous body. The apparent cutting off, wholly or partially, of the light from a luminous body by a dark body coming between it and the observer. SP-7 1968

ecliptic

The apparent annual path of the **sun** among the **stars**; the intersection of the plane of the Earth's orbit with the **celestial sphere**. The ecliptic is a great circle of the celestial sphere inclined at an angle of about 23 degrees 27 minutes to the celestial equator. SP-7 1968

ecology

The study of the environmental relations of organisms. Used for ecological systems. SP-7 1968

econometrics

The application of mathematics and statistical techniques to the testing and quantifying of economic theories and the solution of economic problems. 1977

economic impact

The impact on the economy from whatever cause. 1977

eddies

Use vortices

eddy viscosity

The turbulent transfer of **momentum** by eddies giving rise to an internal fluid friction, in a manner analogous to the action of molecular **viscosity** in **laminar flow**, but taking place on a much larger scale. SP-7 1969

Einstein Observatory

Use HEAO 2

EISCAT radar system (Europe)

The European Incoherent Scatter Radar system. Used for European Incoherent Scatter Radar. 1977

ejecta

Matter ejected during impact cratering processes, usually meteoritic. 1978

ejectors

Devices consisting of a nozzle, mixing tube, and diffuser utilizing the **kinetic energy** of a fluid from a low pressure region by direct mixing and ejecting both streams. SP-7 1968

Ekman layer

The layer of transition between the surface boundary layer of the atmosphere, where the shearing stress is constant, and the **free atmosphere**, which is treated as an ideal fluid in approximate geostrophic **equilibrium**. 1982

elastic constants

Use elastic properties

elastic modulus

Use modulus of elasticity

elastic properties

Properties of materials by virtue of which they tend to recover their original size and shape immediately after removal of the forces causing **deformation**. Used for elastic constants and elasticity. ASTM (D 123, D-13) 1968

elastic stability

Use damping

elasticity

Use elastic properties

elastomers

Macromolecular materials which, at **room temperature**, are capable of recovering substantially in size and shape after removal of a deforming **force**. ASTM (D 907, D-14) 1968

Elber equation

In fatigue crack propagation studies, the effective stress range ratio $U = 0.5 + 0.4R$, where R is the **stress ratio**. 1980

electric circuits

Use circuits

electric corona

A luminous, and often audible, electric discharge that is intermediate in nature between a spark discharge (with, usually, its single discharge channel) and a non point discharge (with its diffuse, quiescent, nonluminous character). Used for corona discharges. SP-7 1968

electric discharges

The flowing of electricity through a gas, resulting in the emission of **radiation** that is characteristic of the gas and the **intensity** of the current. SP-7 1968

electric furnaces

Furnaces whose heat is derived from electrical energy, generally achieved through resistance heating. Materials research and **space processing** are research uses. 1983

electric hybrid vehicles

Surface vehicles which utilize propulsion systems of both electric motors and conventional internal combustion engines. 1978

electric potential

In electrostatics, the work done in moving unit positive charge from **infinity** to the point whose potential is being specified. Used for voltage. SP-7 1968

electric propulsion

A general term encompassing all the various types of propulsion in which the propellant consists of charged electrical particles which are accelerated by electrical or **magnetic fields**, or both; for example, electrostatic propulsion, electromagnetic propulsion, and electrothermal propulsion. SP-7 1968

electrical conductivity

Use electrical resistivity

electrical resistivity

A factor such that the conduction-current density is equal to the electric field in the material divided by resistivity. IEEE 1968

electroacoustic transducers

Transducers for receiving waves from an electric system and delivering waves to an acoustic system, or vice versa. **Microphones** and **earphones** are electroacoustic transducers. SP-7 1968

electrochemical cells

Electrochemical systems consisting of an anode and a cathode in metallic contact and immersed in an electrolyte. (The anode and cathode may be different metals or dissimilar areas on the same metal surface). ASTM (G 15, G-1) 1968

electrochemistry

The branch of science and technology which deals with transformations between chemical and electrical energy. ASTM (B 374, B-8) 1968

electrochromism

A phenomenon whereby a select number of solid materials will change color when an electric field is applied. 1984

electroconductivity

Use electrical resistivity

electrodes

Terminals at which electricity passes from one medium into another. The positive electrodes are called the **anodes**; the negative electrodes are called the **cathodes**. In **semiconductor devices**, elements that perform one or more of the functions of emitting or collecting electrons or holes, or of controlling their movements by electric fields. In **electron tubes**, conducting elements that perform one or more of the functions of emitting, collecting, or controlling by electromagnetic fields, the movements of electrons or ions. SP-7 1968

electrodynamics

The science dealing with the forces and energy transformations of electric currents and the **magnetic fields** associated with them. SP-7 1968

electrodynamometers

Use dynamometers

electroepitaxy

Crystal growth process achieved by passing an electric current through the substrate solution. 1980

electrojets

Laterally limited, relatively intense electric currents located in the ionosphere. SP-7 1968

electroless deposition

Controlled autocatalytic reduction method of depositing **coatings**. 1980

electroluminescence

Emission of light caused by an application of electric fields to solids or gases. In gas electroluminescence, light is emitted when the **kinetic energy** of electron or **ions** accelerated in an electric field is transferred to the atoms or **molecules** of the gas in which the discharge takes place. Used for electroluminescent lamps. SP-7 1968

electroluminescent lamps

Use electroluminescence

electrolysis

The production of chemical changes by the passage of current through an electrolyte. ASTM (B 374, B-8) 1980

electrolytic cells

Unit apparatus in which electrochemical reactions are produced by applying electrical energy, or which supply electrical energy as a result of chemical reactions and which include two or more **electrodes** and one or more electrolytes contained in a suitable vessel. Used for galvanic cells. ASTM (B 374, B-8; C 859, C-26) 1968

electrolytic polishing

Use electropolishing

electromagnetic acceleration

The use of perpendicular components of electric and **magnetic fields** to accelerate a current carrier. 1981

electromagnetic control

Use remote control

electromagnetic environment experiment

Shuttleborne radio frequency experiment. 1981

electromagnetic radiation

Energy propagated through space or through material media in the form of an advancing disturbance in electric and **magnetic fields** existing in space or in media. The term **radiation**, alone, is used commonly for this type of energy, although it actually has a broader meaning. Used for electromagnetic waves and wave radiation. SP-7 1968

electromagnetic spectra

Spectra of known electromagnetic radiations, extending from the shortest **cosmic rays**, through **gamma rays**, **x rays**, **ultraviolet radiation**, visible radiation, and including microwave and all other **wavelengths** of radio energy. SP-7 1968

electromagnetic waves

Use electromagnetic radiation

electromagnetics

Use electromagnetism

electromagnetism

Magnetism produced by an electric current. The science dealing with the physical relations between electricity and magnetism. Used for electromagnetics. *SP-7 1968*

electrometers

Instruments for measuring differences of **electric potential**. *SP-7 1968*

electromotive forces

Forces capable of maintaining a potential difference, and thus a current, within a circuit. They can be established by chemical action or by mechanical work. *DOE 1968*

electromyograms

Use **electromyography**

electromyographs

Use **electromyography**

electromyography

The study of the response of a muscle to an electric stimulation. Used for **electromyograms** and **electromyographs**. *SP-7 1968*

electron acceleration

The acceleration of electrons by action of **solar cosmic rays**. *1980*

electron avalanche

The process in which a relatively small number of **free electrons** in a gas that is subjected to a strong electric field accelerate, ionize gas atoms by collision, and thus form new free electrons to undergo the same process in cumulative fashion. *SP-7 1968*

electron beams

Specifically, focused streams of electrons used for neutralization of the positively charged ion beam in an ion engine. Also used to melt or weld materials with externally high melting points. *SP-7 1968*

electron cyclotron heating

A type of radio frequency plasma heating in which high-power microwave energy is introduced into the plasma region. *1978*

electron diffraction

The phenomenon, or the technique of producing diffraction patterns through the **incidence** of electrons as a function of **kinetic energy**. *ASTM (E 7, E-4) 1968*

electron flux

Use **flux (rate)**

electron guns

Electrode structures which produce and may control, focus, deflect, and converge one or more **electron beams**. *SP-7 1968*

electron ionization

Use **ionization**

electron microscopy

The interpretive application of an electron microscope for the **magnification** of materials that cannot be properly seen with an optical microscope. *1976*

electron multipliers

Use **photomultiplier tubes**

electron optics

The science that deals with the **propagation** of electrons, as light optics deals with light and its phenomena. *ASTM (E 7, E-4; E 175, E-25) 1968*

electron paths

Use **electron trajectories**

electron probes

Narrow beams of electrons used to scan or illuminate an object or screen. *ASTM (E 7, E-4) 1968*

electron runaway (plasma physics)

High acceleration of electrons in a collisional plasma caused by a suddenly applied electric field (which greatly reduces the collision cross section of the electrons). *1979*

electron spectroscopy

The study and interpretation of atomic, molecular, and solid state structure based on x ray induced electron emission from substances. *1977*

electron trajectories

The paths of electrons. Used for **electron paths**. *ASTM (E 7, E-4) 1968*

electron tubes

Devices in which conduction by electrons takes place through a **vacuum** of gaseous medium within a gas tight envelope. *SP-7 1968*

electron-hole drops

Exciton condensations exhibiting the properties of electrically conducting plasmas which form in germanium and silicon crystals at sufficiently low cryogenic temperatures. *1980*

electronic aircraft

Designation for tactical **electronic warfare** aircraft. *1979*

electronic amplifiers

Use **amplifiers**

electronic equipment

Equipment in which electricity is conducted principally by electrons moving through a **vacuum**, gas, or semiconductor. *SP-7 1968*

electronic levels

Use **energy levels**

electronic warfare

Military action involving the use of electromagnetic energy to determine, exploit, reduce, or prevent hostile use of the electromagnetic spectrum, and action which retains friendly use of the electromagnetic spectrum. *1981*

electronics

That branch of physics that treats of the emission, **transmission**, behavior, and effects of electrons. Used for **photoelectronics**. *SP-7 1968*

electrophoresis

The movement of colloidal particles produced by the application of an **electric potential**. Used for continuous flow electrophoresis. *ASTM (B 374, B-8) 1968*

electropolishing

The improvement in surface finish of a metal effected by making it anodic in an appropriate solution. Used for electrolytic polishing. *ASTM (E 7, E-4) 1968*

electroseismic effect

Use seismic waves

electrostatic bonding

Use of the particle-attracting property of electrostatic charges to bond particles of one charge to those of the opposite charge.

1980

electrostatic plasma

Use plasmas (physics)

electrostriction

The phenomenon wherein some dielectric materials experience an elastic strain when subjected to an electric field, this strain being independent of **polarity** of the field.

SP-7 1968

electrowinning

The production of metals by **electrolysis** with insoluble **anodes** in solutions derived from ores or other materials.

ASTM (B 374, B-8) 1968

ellipses

Plane curves constituting the locus of all points the sum of whose distances from two fixed points called focuses or foci is constant; an elongated circle.

SP-7 1968

ellipsoids

Surfaces whose plane sections (cross sections) are all **ellipses** or circles, or the solid enclosed by such a surface. Used for Izsak ellipsoid.

SP-7 1968

ellipsometers

Instruments for determining the **ellipticity** of polarized light. Used to measure the thickness of very thin transparent films.

DOE 1968

elliptical plasmas

Confined non-circular plasmas.

1980

elliptical polarization

The polarization of a wave radiated by an electric vector rotating in a plane and simultaneously varying in amplitude so as to describe an ellipse.

SP-7 1968

ellipticity

The amount by which a spheroid differs from a circle, calculated by dividing the difference in the length of the axes by the length of the major axis.

SP-7 1968

embedded computer systems

Computer systems physically incorporated into larger systems whose primary function is not **data processing**.

1982

embolisms

Large amounts of air in the blood stream which, when reaching the heart, cause it to fail; small amounts are resorbed and cause no symptoms.

SP-7 1968

embossing

Raising in relief on a surface.

1981

embrittlement

The severe loss of ductility or **toughness** or both, of a material, usually a metal or alloy.

ASTM (G 15, G-1) 1968

emergency locator transmitters

Aircraft distress signal equipment with a radio beacon on a specific emergency frequency and used for locating downed aircraft. The set is activated by the impact of the crash.

1980

emission spectra

The spectra of **wavelengths** and relative intensities of **electromagnetic radiation** emitted by a given radiator. Each radiating substance has a unique, characteristic emission spectrum, just as every medium of **transmission** has its individual absorption spectrum.

SP-7 1968

emissivity

A property of a material, measured as the emittance of a specimen of the material that is thick enough to be completely opaque and has an optically smooth surface. Used for photoemissivity.

SP-7 1968

emissographs

Use actinometers

empennage

Use tail assemblies

emulsions

Suspensions of fine particle or globules of one or more **liquids** in another liquid.

ASTM (B 374, B-8; D 459, D-12; E 609, E-35) 1968

enamels

Thin ceramic coatings, usually of high glass content, applied to a substrate, generally a metal.

SP-7 1968

encapsulated microcircuits

Microelectronic **circuits** enclosed in plastic.

1977

Enceladus

A satellite of Saturn orbiting at a mean distance of 238,000 kilometers.

SP-7 1975

Encke comet

A very faint comet with a periodicity of 3.3 years which is the shortest of any known comet.

1982

end moraines

Use glacial drift

end-to-end data systems

Comprehensive data systems which demonstrate the processing of sensor data to the user thus reducing data fragmentation.

1982

endangered species

Living organisms (except plants) whose populations have diminished to such low levels that survival may require extraordinary conservation procedures. Changes in size and quality of the **ecology** are considered the cause of the possible extinction of some species.

1980

energetic particles

Charged particles having energies equaling or exceeding a hundred MeV

1978

energy budgets

Quantitative descriptions of the total energy exchange into and out of a given physical or ecological system; may include radiation heat, kinetic, and biological process.

1968

energy density

Use flux density

energy dissipation

The difference between energy input and **output** as a result of

transfer of energy between two points. Used for energy loss.

IEEE 1968

Energy Efficiency Transport program

Use ACEE program

energy gaps (solid state)

A range of forbidden energies in the band theory of solids. Used for bandgap.

1977

energy levels

Any one of different values of energy which a particle, atom, or molecule may adopt under conditions where the possible values are restricted by quantizing conditions. Used for electronic levels.

SP-7 1968

energy loss

Use energy dissipation

engine airframe integration

Physics of the interface between the engine and the airframe.

1982

engine control

Any control for regulating the power and speed of an engine, such as the throttle, mixture control, manifold pressure regulator, fuel pressure control, or supercharger control.

SP-7 1968

engine coolants

Liquids used in an engine cooling system to transfer heat from the engine to the radiator.

ASTM (D 2825, D-21; D 2847, D-15) 1968

engines

Machines or apparatus that convert energy, especially heat energy, into work. Used for gas generator engines.

SP-7 1968

enthalpy

A mathematically defined thermodynamic function of state. Used for heat content.

SP-7 1968

entropy

A measure of the extent to which the energy of a system is unavailable.

SP-7 1968

entropy (statistics)

A factor or quantity that is a function of a mechanical system and is equal to the logarithm of the probability of the particular arrangement in that state.

1980

entry guidance (STS)

The precise steering commands for trajectory from initial penetration of the Earth's atmosphere until the terminal area guidance is activated at an Earth-relative speed (about 2500 fps).

1980

environmental chambers

Use test chambers

environmental chemistry

Collective term comprising the complex chemical relationships involving the atmosphere, climatology, air and water pollution, fuels, pesticides, energy, **biochemistry**, **geochemistry**, etc.

1980

environmental temperature

Use ambient temperature

environments

External conditions or the sum of such conditions, in which pieces of equipment, living organisms, or systems operate as in temperature environment, **vibration** environment, or space environment. Environments are usually specified by a range of values, and may be either natural or artificial.

SP-7 1968

eosinophils

A type of white blood cell or leukocyte which stains a red color with eosin stain; normally about 2 to 3 percent of white cells in the blood but tending to decrease during stressful situations and thus usable as an index for stress.

SP-7 1968

ephemerides

Periodical publications tabulating the predicted positions of **celestial bodies** at regular intervals, such as daily, and containing other data of interest to astronomers. A publication giving similar information useful to a navigator is called an almanac.

SP-7 1968

ephemeris time

The uniform measure of time defined by the laws of **dynamics** and determined in principle from the orbital motions of the **planets**, specifically, the orbital motion of the Earth as represented by Newcomb's Tables of the **sun**.

SP-7 1968

epitaxy

The oriented growth of a crystalline substance on a substrate of the same or different crystalline substance.

ASTM (F 127, F-1) 1968

epoxy matrix composites

High strength compositions consisting of epoxy resin and a reinforcing matrix of filaments or fibers of glass, metal, or other materials.

1980

epoxy resins

Viscous **liquids** or brittle solids containing epoxide groups that can be crosslinked into final form by means of a chemical reaction with a variety of setting agents used with or without heat.

ASTM (C 904, C-3) 1968

equations of motion

A set of equations which give information regarding the motion of a body or of a point in space as a function of time when initial position and initial **velocity** are known. Used for motion equations.

SP-7 1968

equations of state

Equations relating temperature, pressure, and volume of a system in **thermodynamic equilibrium**. Used for state equations.

SP-7 1968

equatorial atmosphere

The composition and characteristics of the Earth's atmosphere at and/or near the equator.

1978

equatorial orbits

Inclined **orbits** with an **inclination** of zero degrees. The plane of an equatorial orbit contains the equator of the primary body.

IEEE 1968

equatorial regions

Areas on or near the Earth's equator; regions between the Tropic of Cancer and the Tropic of Capricorn (23 degrees 27 minutes North or South of the Equator).

1980

equators

The primary great circle of a sphere or spheroid, such as the Earth, perpendicular to the polar axis; or a line resembling or approximating such a circle. *SP-7 1968*

equilibrium

A state of dynamic balance between the opposing actions, reactions, or velocities of a reversible process.

ASTM (E 7, E-4) 1968

equilibrium flow

Gas flow in which energy is constant along streamlines and the composition of the gas at any point is not time dependent. Used for steady state flow. *SP-7 1968*

equinoxes

One of two points of intersection of the **ecliptic** and the celestial equator occupied by the **sun** when its **declination** is zero degrees. *SP-7 1968*

ERBE

Use Earth radiation budget experiment

ergometers

Instruments for measuring muscular work.

SP-7 1968

ergonomics

Use human factors engineering

erosion

Progressive loss of original material from a solid surface due to mechanical interaction between that surface and a fluid, a multicomponent fluid, or impinging liquid or solid particles. Used for scars (geology). *ASTM (G 76, G-2) 1968*

erosive burning

Combustion of solid propellants accompanied with nonsteady, high **velocity** flows of product gases across burning propellant surfaces. *1980*

error band

Use accuracy

error correcting codes

Codes in which each telegraph or data signal conforms to specific rules of construction so that departures from this construction in the received signals can be automatically detected, and permits the automatic **correction**, at the received terminal, of some or all of the errors. Note: Such codes require more signal elements than are necessary to convey the basic information. *IEEE 1974*

error detection codes

Codes in which each expression conforms to specific rules of construction, so that if certain errors occur in an expression the resulting expression will not conform to the rules of construction and thus the presence of errors is detected. Note: Such codes require more signal elements than are necessary to convey the fundamental information. *IEEE 1968*

error signals

Voltages the magnitude of which are proportional to the difference between an actual and a desired position. *SP-7 1968*

ERS-1 (ESA satellite)

A European Space Agency remote sensing satellite designed to monitor global **oceans**, coastal zones and polar regions. It is scheduled for launch on an Ariane 4 expendable launch vehicle in 1990. *1982*

ERTS-C

Use Landsat 3

ESA spacecraft

Spacecraft of the European Space Agency.

1982

escape

Of a particle or larger body: to achieve an **escape velocity** and a flightpath outward from a primary body so as neither to fall back to the body nor to orbit it. *SP-7 1969*

escape rockets

Small **rocket engines** attached to the leading end of an **escape** tower, which may be used to provide additional **thrust** to the capsule to obtain separation of the capsule from the booster vehicle in an emergency. *SP-7 1968*

escape velocity

The radial speed which a particle or larger body must attain in order to **escape** from the gravitational field of a planet, satellite, or star. Used for parabolic velocity. *SP-7 1968*

escarpments

Long, more or less continuous cliffs or relatively steep **slopes** facing in one general direction, breaking the continuity of the **land** by separating two level or gently sloping surfaces, and produced by **erosion** or by faulting. Used for scarps. *AGI 1972*

eskers

Use glacial drift

estimating

A procedure for making a statistical inference about the numerical values of one or more unknown population parameters from the observed values in a sample.

ASTM (E 206, E-9; D 2188, D-20) 1968

etalons

Two adjustable parallel mirrors mounted so that either one may serve as one of the mirrors in a Michelson interferometer; used to measure distance in terms of **wavelengths** of spectral lines.

1987

ethics

The **standards** of conduct and moral judgment of a group, religion, profession, etc. *1980*

ethnic factors

The complex patterns of behavior which distinguish an ethnic group. *1979*

etiology

The doctrine of causes, particularly the causes and reasons for diseases. *SP-7 1968*

Eulerian nutation

Use Chandler wobble

Eureca (ESA)

A Space Shuttle launched retrievable autonomous space platform being developed by the European Space Agency. First launch is scheduled for 1991 with first retrieval 6 months later. Used for European Retrievable Carrier. *1983*

Europa

A satellite of Jupiter orbiting at a mean distance of 671,000 kilometers. Also called Jupiter II. *SP-7 1968*

European Incoherent Scatter Radar

Use EISCAT radar system (Europe)

European Large Telecomm Satellite

Use L-Sat

European Retrievable Carrier

Use Eureka (ESA)

eutectic composites

Composite materials with a metal matrix of a mixture of solids including eutectoids. 1980

eutrophication

The process by which waters become more eutrophic; especially the artificial or natural enrichment of a lake by an influx of nutrients required for the growth of **aquatic plants** such as **algae** that are vital for fish and animal life. AGI 1973

EUVE

Use extreme ultraviolet Explorer satellite

evacuating (transportation)

The organized withdrawal or removal of people from a place or area as a protective measure. DOE 1968

evaporation

The physical process by which a liquid or solid is transformed into the gaseous state; the opposite of **condensation**. SP-7 1968

evaporation rate

The mass of material evaporated per unit time from unit surface of a liquid or solid. The number of **molecules** of a given substance evaporated per second per square centimeter from the free surface of the condensed phase. SP-7 1968

evapotranspiration

Loss of water from a **land** area through **transpiration** of plants and **evaporation** from the soil and surface-water bodies. Also, the volume of water lost through evapotranspiration. AGI 1973

event horizon

The smallest radius of observable events around a black hole. 1990

exactness

Use precision

excavation

The act or process of removing soil and/or rock materials from one location and transporting them to another. It includes digging, blasting, breaking, loading, and hauling, either at the surface or underground. Also, a pit, cavity, hole, or other uncovered cutting produced by excavation or the material dug out in making a channel or cavity. Used for ditching (excavation) AGI 1968

excimer lasers

Molecular **lasers** using vibronic transitions whose **lasing** medium is a dimer that exists in the excited state and dissociates in the ground state. DOE 1979

excimers

Molecules characterized by repulsive or very weakly bound ground electronic states. 1978

excitation

Addition of energy to a nuclear, atomic or molecular system transferring it to another energy state. Used for excited states. DOE 1968

excited states

Use excitation

executive systems (computers)

Use operating systems (computers)

exhaust clouds

Clouds formed from the exhaust **aerosols** of launch vehicle **engines** and boosters at liftoff. Used for ground clouds and launch clouds. 1988

exhaust emission

The movement of gaseous or other particles and **radiation** from the nozzle of a rocket or other reaction engine. 1979

exhaust velocity

The **velocity** of gases or particles (exhaust stream) that exhaust through the nozzle or a reaction engine, relative to the nozzle. SP-7 1968

exobiology

That field of biology which deals with the effects of extraterrestrial environments on living organisms and with the search for **extraterrestrial life**. Used for astrobiology and space biology. SP-7 1968

exosphere

The outermost, or topmost, portion of the atmosphere. Its lower boundary is the critical level of **escape**, variously estimated at 500 to 1000 kilometers above the Earth's surface. SP-7 1968

expert systems

Computer programs that manipulate symbolic information to produce the same results as human experts would. They deal with uncertain data and make decisions on that data. Input and design relies on human experts. Used for knowledge based systems. 1983

exploding conductor circuits

Use circuits

exploration

The search for deposits of useful **minerals** or **fossil fuels**; prospecting, including under the **oceans**. It may include geologic reconnaissance, e.g., **remote sensing**, photogeology, geophysical and geochemical methods, and both surface and underground investigations. Used for discovering and prospecting. AGI 1968

Explorer 45 satellite

One in a long series of NASA scientific satellites used to study the atmosphere, ionosphere, magnetosphere, interplanetary space, etc. 1977

Explorer 46 satellite

A satellite designed to study meteoroid protective ability of **spacecraft** launched from Wallops Island, VA on August 13, 1972. Two scientific experiments also on board were to determine the size and the **velocity** of **meteoroids**. The velocity experiment failed to work due to excessive heat. Used for Meteoroid Technology Satellite. 1982

Explorer 52 satellite

The Hawkeye 1 satellite in the Explorer series. Used for Hawkeye 1 satellite. 1978

Explorer 44 satellite

The tenth in a series of **solar radiation** monitoring **satellites** launched from Wallops Island, VA on July 8, 1971, to measure **x rays** and **ultraviolet radiation** from the **sun**. It was operational until June 3, 1978. Used for Solrad 10 satellite. 1982

explosion suppression

Any method used to confine or suppress an explosion. 1981

explosions

The sudden production of large quantities of gases, usually hot, from much smaller amounts of gases, **liquids**, or solids. SP-7 1968

EXPOS (Spacelab payload)

X ray spectropolarimetry payload for Spacelab. Used for X Ray Spectropolarimetry Payload. 1977

extars

Use x ray stars

extended duration space flight

Use long duration space flight

extensometers

Devices for determining the elongation of a specimen as it is strained. Used for dilatometers. ASTM (D 1566, D-11) 1968

extragalactic light

Use extraterrestrial radiation

extraterrestrial intelligence

Intelligent life existing elsewhere than on Earth. 1978

extraterrestrial life

Life forms evolved and existing outside the terrestrial **biosphere**. SP-7 1968

extraterrestrial radiation

In general, **solar radiation** received just outside the Earth's atmosphere. Used for extragalactic light and space radiation. SP-7 1968

extreme ultraviolet Explorer satellite

An Explorer satellite carrying scientific instruments for **scanning** the sky in the 100-900 Angstrom region of the spectrum to study the very hot **celestial bodies** (white dwarfs, for example). Used for EUVE. 1980

extreme ultraviolet radiation

Ultraviolet emission in the 100-1000 Angstrom range. 1980

extremum values

In statistics, the upper or lower bound of the random variable which is not expected to be exceeded by a specified percentage of the population within a given confidence interval. SP-7 1968

F**Fabry-Perot lasers**

Use lasers

factorization

Process or instance of factoring. 1981

faculae

Large patches of bright material forming a veined network in the vicinity of **sunspots**. They appear to be more permanent than sunspots and are probably due to elevated clouds of luminous gas. Used for plages (faculae) and solar faculae. SP-7 1968

fail-safe systems

Systems used to minimize risk in case of malfunction. SP-7 1968

faint object camera

One of the five components of the first scientific payload of the Hubble Space Telescope. The faint object camera will be used to observe extremely faint astronomical objects with **wavelengths** between 120 and 700 nm. 1981

false alarms

In general, the unwanted detection of input noise. In **radar**, an indication of a detected target even though one does not exist, due to noise or interference levels exceeding the set threshold of detection. 1986

fan blades

One or more **revolving** vanes attached to a rotary hub and operated by a motor. 1980

fans (landforms)

Gently sloping, fan-shaped masses of detritus forming sections of very low shaped **cones** commonly at places where there is a notable decrease in gradient; specifically, alluvial fans. Also fan-shaped masses of congealed **lava** that formed on steep **slopes** by the continual changing direction of **flow**. Used for bajadas. AGI 1975

fast neutrons

Neutrons of energy exceeding some threshold that must be specified (typically 0.1 or MeV); often associated with those neutrons predominately responsible for **displacement** damage of materials in neutron radiation fields. ASTM (E 170, E-10) 1968

fatigue (biology)

State of the human organism after exposure to any time of physical or psychological stress (e.g., pilot fatigue). SP-7 1968

fatigue (materials)

A weakening or deterioration of metal or other material occurring under load, especially under repeated cyclic, or continued loading. Used for strain fatigue and structural fatigue. SP-7 1968

fatigue life

The number of **cycles** of stress or strain of a specified character that a given specimen sustains before failure of a specified nature occurs. ASTM (D 671, D-20; E 206, E-9) 1968

fault tolerance

The capability of systems to function despite one or more critical failures, by use of redundant **circuits** or functions and/or reconfigurable elements. 1980

fault trees

Acyclic directed graphs used in the analysis or prediction of faults and defects. 1979

FDMA

Use frequency division multiple access

feature extraction

Use pattern recognition

feedback

The return of a portion of the **output** of a device to the input; **positive feedback** adds to the input, **negative feedback** subtracts from the input. Information such as progress or results, returned to an originating source. In aeronautics, the transmittal of forces initiated by aerodynamic action on control surfaces or rotor blades to the cockpit controls; the forces so transmitted. *SP-7 1968*

feet (anatomy)

The lower, pedal extremities of the legs. *1977*

feldspars

A group of abundant rock-forming **minerals** of the family of anhydrous silicates. *DOE 1968*

felsite

A light colored, fine grained igneous rock composed chiefly of **quartz** or feldspar. *1976*

Fermat principle

The principle which states that the path along which **electromagnetic radiation** travels between any two points will be that path for which the elapsed time for the travel is a minimum. *SP-7 1968*

Fermi-Dirac statistics

The statistics of an assembly of identical half-integer spin particles; such particles have wave functions antisymmetrical with respect to particle interchange and satisfy the Pauli exclusion principle. *1976*

ferrites

Solid solutions of carbon in alpha-iron. *DOE 1968*

ferrography

A technique for the isolation and analysis of **wear** particles in a lubricant. *1981*

FGM (materials)

Use functionally gradient materials

fiber composites

Structural materials consisting of combinations of metals or **alloys** or **plastics** reinforced with one or more types of fibers. *1979*

fiber optics

The technique of transmitting light through long thin, flexible fibers of glass, plastic, or other transparent materials. *DOE 1968*

fiber release

The release of carbon or graphite when graphite reinforced composites are burned, especially in aircraft crashes or fires. *1980*

fidelity

Use accuracy

field aligned currents

Electric currents aligned along **magnetic fields**. *1988*

field of view

The area or solid angle that can be viewed through or scanned by an optical instrument. *1980*

field strength

For any physical field, the **flux density**, intensity, or gradient of the field at the point in question. *SP-7 1968*

filaments (solar physics)

Use solar prominences

film cooling

The cooling of a body or surface, such as the inner surface of a rocket combustion chamber, by maintaining a thin fluid layer over the affected area. *SP-7 1968*

fineness ratio

The ratio of the length of a body to its maximum diameter, or, sometime to some equivalent dimension -- said especially of a body such as an airship hull or rocket. *SP-7 1968*

finite impulse response filters

Use FIR filters

finite volume method

A moving mesh method for analyzing **transonic flow** over airfoils. *1981*

finite-state machines

Use Turing machines

fins

Fixed or adjustable **airfoils** or vanes attached longitudinally to an aircraft, rocket, or a similar body to provide a stabilizing effect. Also, a flat plate of structure, as a cooling fin. Used for vertical fins. *SP-7 1968*

fiords

Arms of the sea having steep sides, deep bottoms, and shallow sills separating them from the sea. *DOE 1973*

FIR filters

Physically unrealizable nonrecursive **digital filters**. Used for finite impulse response filters. *1980*

fire resistance

Use flammability

fireflies

Flying insects which produce light by bioluminescence. *1977*

firmware

Hardwired software which often encompasses microcodes. *1984*

fisheries

Place for harvesting fish or other aquatic life, especially in sea waters. *1977*

fissile materials

Use fissionable materials

fission

The splitting of an atomic nucleus into two more-or-less equal fragments. *SP-7 1968*

fissionable materials

Materials containing **nuclides** capable of undergoing **fission** only by **fast neutrons** with energy greater than 1MeV, e.g., thorium-232 and uranium-238. Used for fissile materials. *DOE 1968*

fissures (geology)

Extensive cracks in **rocks**. *1980*

fixed points (mathematics)

Positional notation in which corresponding places in different quantities are occupied by coefficients of the same power of the base. Notation in which the base point is assumed to remain fixed with respect to one end of the numeric expressions.

SP-7 1968

flame deflectors

In a vertical launch, any of variously designed obstructions that intercept hot gases of **rocket engines** so as to deflect them away from the ground or from a structure. In **captive tests**, elbows in the exhaust conduits or flame buckets that deflect the flame into the open.

SP-7 1968

flame quenching

Use quenching (cooling)

flammability

Those characteristics of a material that pertain to its relative ease of **ignition** and relative ability to sustain **combustion**. Used for combustibility and fire resistance.

ASTM (D 123, D 3659, D 4391; D-13) 1968

flaperons

Airplane control surfaces that serve the function of both aileron and flap.

1982

flare stars

Members of a class of dwarf stars that show sudden intensive outbursts of energy. Used for UV Ceti stars.

1978

flash point

The temperature at which a substance, such as fuel oil, will give off a vapor that will flash or burn momentarily when ignited.

SP-7 1968

flashback

Backward burning of a flame into the lip of a burner or torch.

DOE 1968

flashing (vaporizing)

The **evaporation** of a heated liquid as a consequence of rapid pressure reduction.

DOE 1968

flat patterns

Shape of a part or parts put in 3 space in its undefined condition.

1981

flats (landforms)

A general term for level or nearly level surfaces or small areas of **land** marked by little or no relief such as **plains**. Also, nearly level regions that visibly display lower relief than their surroundings. Used for adobe flats and salt flats.

AGI 1974

flavor (particle physics)

The specific identifiers of quarks which distinguish various combinations of electric charge and mass.

1982

fleet satellite communication system

Global communication system utilizing **satellites**. Used for FLEETSATCOM and FLTSATCOM.

1979

Fleetsatcom

Use fleet satellite communication system

flexible spacecraft

Space vehicles (usually space structures or rotating **satellites**)

whose surfaces and/or appendages may be subject to elastic flexural deformations (vibrations).

1980

flight characteristics

Characteristics exhibited by an aircraft, rocket, or the like in flight, such as a tendency to stall or to yaw, or an ability to remain stable at certain speeds. Used for flight performance and flying qualities.

SP-7 1968

flight envelopes

The bounds within which a certain flight system can operate, especially a graphic representation of these bounds showing interrelationships of operational parameters.

1977

flight operations

Collective term for ground support operations by flight crew or support personnel preparatory to space flight, or tasks performed by crew during flight.

1978

flight paths

Paths made or followed in the air or in space by an aircraft or rocket; the continuous series of positions occupied by a flying body; more strictly, the path of the **center of gravity** of the flying body, referred to the Earth or other fixed reference.

SP-7 1968

flight performance

Use flight characteristics

flight simulators

Training devices or apparatus that simulate certain conditions of flight or of **flight operations**.

SP-7 1968

flight test vehicles

Test vehicles for the conduct of **flight tests** either to test its own capabilities or to carry equipment requiring flight tests.

SP-7 1968

flight tests

Tests by means of actual or attempted flight to see how an aircraft, **spacecraft**, space-air vehicle, or missile flies. Tests of a component part of a flying vehicle, or of an object carried in such a vehicle, to determine its suitability or **reliability** in terms of its intended function by making it endure actual flight.

SP-7 1968

flip-flops

Devices having two stable states and two input terminals (or types of input signals) each of which corresponds with one of the two states. The **circuits** remain in either state until caused to change to the other state by application of the corresponding signal. Similar bistable devices with an input which allows it to act as a single-stage binary counter. Used for bistable amplifiers.

SP-7 1968

FLIR detectors

Forward-looking infrared detectors for sensing all emissions of heat or light. Used for forward looking infrared detectors.

1977

flood control

The prevention or reduction of damage caused by flooding, as by containing water in reservoirs removed from areas where it would do damage, improving channel capacity to convey water past or through critical areas with the least amount of damage, and diverting excess water into bypasses or floodways.

AGI 1976

flood plains

The surfaces or strips of relatively smooth **land** adjacent to river channels, constructed by the present **rivers** in their existing regimens and covered with water when the rivers overflow.

AGI 1973

floods

Rising bodies of water (as in streams, **lakes**, **seas**, or behind dams) that overtop their natural or artificial confines and that cover **land** not normally underwater. Especially, any relatively high streamflows that overflow their banks in any reach of the stream, or that are measured by gage height of discharge quantity.

AGI 1968

flow

A stream or movement of air or other fluid, or the rate of fluid movement, in the open or in a duct, pipe, or passage; specifically, an airflow.

SP-7 1968

flow charts

Graphical representations of sequences of operations using symbols to represent the operations. Flow charts are more detailed representations than diagrams.

SP-7 1968

Fltsatcom

Use fleet satellite communication system

flue gases

Gaseous combustion products from a furnace.

1982

fluid filled shells

Shells of revolution containing a gas or liquid.

1981

fluid management

The isolation and separation of **liquids** from gas in a storage vessel which operates in a reduced or zero gravity environment using liquid acquisition devices such as those used in the Space Shuttle RCS tankage.

1982

fluid transpiration

Use transpiration

fluid-solid interactions

The interactions of a rigid or elastic structure with an incompressible or compressible fluid. Airblast loading and response, acoustic interaction, **aeroelasticity**, and hydroelasticity comprise its major divisions.

1982

fluorescence

Emission of light or other radiant energy as a result of and only during absorption of radiation of a different wavelength from some other source. Used for fluorescent emission.

SP-7 1968

fluorescent emission

Use fluorescence

fluorocarbons

All compounds containing fluorine and carbon (including other elements).

1985

fluoroplastics

Use fluoropolymers

fluoropolymers

A family of polymers based on fluorine replacement of hydrogen atoms in hydrocarbon **molecules**. Compounds are characterized by chemical inertness, thermal stability, and low coefficient of friction. Used for fluoroplastics.

1978

flutter

An aeroelastic self excited vibration in which the external source of energy is the airstream and which depends on the elastic, inertial and dissipative forces of the system in addition to the

aerodynamic forces. Used for aerodynamic buzz and aeromagneto flutter.

SP-7 1968

flux

The rate of **flow** of some quantity, often used in reference to the flow of some form of energy. In nuclear physics generally, the number of radioactive particles per unit volume times their mean **velocity**.

SP-7 1968

flux (rate per unit area)

Use flux density

flux (rate)

The total emanation of energy, material or particles from a single source per unit time. Used for electron flux, neutron flux, and particle flux.

1968

flux density

The flux (rate of **flow**) of any quantity, usually a form of energy, through a unit area of specified surface. (Note that this is not a volumetric density like radiant density.) Used for density (rate/area), energy density, flux (rate per unit area), and flux mapping.

SP-7 1968

flux mapping

Use flux density

flux pinning

In **superconductors**, the interaction between the magnetic and the metallurgical microstructures. It controls the critical current density in a given superconducting material.

1985

flux pumps

Cryogenic DC generators.

DOE 1971

flux vector splitting

The splitting of the nonlinear **flux** vectors of the conservation law form of the inviscid gasdynamic equations into subvectors by similarity transformations so that each subvector has associated with it a specified eigenvalue spectrum.

1987

fly ash

Fine particulate, essentially noncombustible refuse, carried in a gas stream from a furnace.

1982

fly by tube control

A fluidic flight control for aircraft in which a hydraulic control signal link connects the pilot's controls to the control surface **actuators**.

1977

flyby missions

Interplanetary missions in which the vehicle passes close to the target planet but does not impact it or go into orbit around it.

SP-7 1968

flying qualities

Use flight characteristics

FM (modulation)

Use frequency modulation

FM/PM (modulation)

Phase modulation of a carrier by subcarrier(s) which is (are) frequency modulated by information.

SP-7 1968

focal plane arrays

Use focal plane devices

focal plane devices

Radiation sensitive devices positioned at the focal area of electromagnetic **detectors**. Used for focal plane arrays. 1987

fog

A loose term applied to visible **aerosols** in which the dispersed phase is liquid. Formation by **condensation** is usually implied. In **meteorology**, a dispersion of water or **ice**.

ASTM (D 1356, D-22) 1968

folds (geology)

Curves or bends of a planar structure such as rock strata, bedding planes, foliation, or cleavage. Folds are usually a product of **deformation**, although their definition is descriptive and not genetic and may include primary structures. Used for nappes. AGI 1973

food chain

The scheme of feeding relationships by trophic levels which unites member species of a biological community. 1980

food processing

The transformation of foodstuffs into forms for easy packaging, greater palatability, longer storage, etc. 1980

footprints

Ground patterns or contours of an acoustical or microwave nature that are predictable and measurable. 1982

Forbush decreases

The observed decreases in cosmic ray activity in the Earth's atmosphere about a day after a solar flare. Used for Forbush effect. SP-7 1968

Forbush effect

Use Forbush decreases

force

The cause of the acceleration of material bodies measured by the rate of change of **momentum** produced on a free body. Used for repulsion. SP-7 1968

force vector recorders

Instrumentation for recording **force** displacements in a variety of disciplines. 1977

forced oscillation

Use forced vibration

forced vibration

An oscillation of a system in which the response is imposed by the **excitation**. If the excitation is periodic and continuing, the oscillation is **steady state**. Used for forced oscillation and forced vibratory motion equations. SP-7 1968

forced vibratory motion equations

Use forced vibration

form perception

Use space perception

forward looking infrared detectors

Use FLIR detectors

forward scattering

The **scattering** of radiant energy into the hemisphere of space bounded by a plane normal to the direction of the incident radiation and lying on the side toward which the incident radiation was advancing; the opposite of backward scatter. SP-7 1968

fossil fuels

A general term for any hydrocarbons that may be used for fuel; chiefly petroleum, natural gas, and **coal**. AGI 1974

fossil meteorite craters

Use fossils

fossils

Remains, traces, or imprints of an organism preserved in the Earth's crust sometime in the geologic past. Used for fossil meteorite craters. DOE 1968

Fourier analysis

The representation of physical or mathematical data by the use of the Fourier series or Fourier integral. SP-7 1968

fovea

The central part of the retina, which contains a high **concentration** of the color sensitive receptors known as **cones**. SP-7 1968

fractals

Highly irregular geometrical figures such as snowflakes or the boundary of a cloud whose capacity dimension is not an integer. The capacity dimension characterizes the measuring of the number of different size superimposed squares needed to cover the geometric shape. By the use of differing size boxes, one is able to determine the capacity dimension. 1984

fracture resistance

Use fracture strength

fracture strength

The normal stress at the beginning of fracture. Fracture strength is calculated from the load at the beginning of fracture during a tension test and the original cross-sectional area of the specimen. Used for fracture resistance and fracture toughness. ASTM (E 6, E-28) 1968

fracture toughness

Use fracture strength

Fraunhofer lines

Dark lines in the **absorption** spectrum of **solar radiation** due to absorption by gases in the outer portions of the **sun** and in the Earth's atmosphere. SP-7 1968

free atmosphere

That portion of the Earth's atmosphere, above the **planetary boundary layer**, in which the effect of the Earth's surface friction on the air is negligible, and in which the air is usually treated (dynamically) as an ideal fluid. The base of the free atmosphere is usually taken as the **geostrophic wind** level. SP-7 1968

free electron lasers

Multifrequency **lasers** utilizing optical radiation amplification by a beam of **free electrons** passing through a **vacuum** in a transverse periodic magnetic field, as opposed to conventional lasers in which the oscillating electrons are bound to atoms and **molecules** and have a specific wavelength. 1979

free electrons

Electrons which are not bound to an atom. SP-7 1968

free fall

The fall or drop of a body, such as a rocket, not guided, not under **thrust**, and not retarded by a parachute or a braking device. The free and unhampered motion of a body along a Keplerian trajectory, in the **force** of gravity is counterbalanced by the force of **inertia**. *SP-7 1968*

free flight

Unconstrained or unassisted flight, as in the flight of a rocket after consumption of its propellant or after motor shutoff, in the flight of an unguided projectile, and in the flight in certain kinds of **wind tunnels** of unmounted models. *SP-7 1968*

free jets

Fluid jets without solid boundaries, such as a jet discharging into the open. *SP-7 1968*

free oscillations

Use free vibration

free radicals

Atoms or groups of atoms broken away from stable compounds by application of external energy, and, although containing unpaired electrons, remaining free for transitory or longer periods. *SP-7 1968*

free vibration

Oscillation of a system in the absence of external forces. Used for free oscillations. *SP-7 1968*

free-piston engines

Engines in which the pistons are not connected to the crank. *1987*

frequencies

Of a function periodic in time, the reciprocals of primitive periods. The unit is the cycle per unit time and must be specified. Used for frequency bands. *SP-7 1968*

frequency assignment

The specific frequency or **frequencies** authorized by competent authority; expressed for each channel by: (a) the authorized carrier frequency, the frequency tolerance, and the authorized emission bandwidth, (b) the authorized emission bandwidth in reference to a specific assigned frequency (when a carrier does exist), or (c) the authorized frequency band (when a carrier does not exist). *SP-7 1968*

frequency bands

Use frequencies

frequency discriminators

Electronic **circuits** which deliver **output** voltages proportional to the deviations of signals from predetermined frequency values. *1977*

frequency division multiple access

A method of providing **multiple access** to **communication satellites** in which the transmissions from a particular Earth station occupy a particular assigned frequency band. In the satellite, the signals are simultaneously amplified and transposed to a different frequency band and retransmitted. The Earth station identifies its receiving channel according to its assigned frequency band in the satellite signal. Used for FDMA. *IEEE 1979*

frequency hopping

Random changing of **frequencies** in **transmission** to mislead or prevent interception by unauthorized equipment. *1980*

frequency modulation

Angle **modulation** of a sine wave carrier in which the instantaneous frequency of the modulated wave differs from the carrier frequency by an amount proportional to the instantaneous value of the modulating wave. *SP-7 1968*

frequency ranges

Specifically designated parts of the frequency spectrum. *IEEE 1968*

frequency response

The portion of the frequency spectrum which can be sensed by a device within specified limits of amplitude error. Response of a system as a function of the frequency of **excitation**. Used for phase response. *SP-7 1968*

frequency reuse

A digital **satellite communication** technique which features the reuse of frequency bands in a downlink **transmission** to provide high power utilization and flexible accommodation of dynamic source destination traffic patterns. *1981*

frequency shift keying

That form of **frequency modulation** in which the modulating wave shifts the **output** frequency between predetermined values, and the output wave is coherent with no phase **discontinuity**. *SP-7 1968*

fresh water

Water in **rivers**, **lakes**, springs, etc. containing no significant amounts of dissolved salts. *1980*

Fresnel lenses

Thin **lenses** constructed with stepped setbacks so as to have the optical properties of much thicker lenses. *DOE 1977*

Fresnel reflectors

Devices characterized by a set of mirrors with varying orientation arranged so as to have the optical properties of a smooth reflector, e.g., parabolic reflector. *DOE 1968*

Fresnel region

The region between the antenna and the Fraunhofer region. *SP-7 1968*

friction

The resistance to the relative motion of one body sliding, rolling, or flowing over another body with which it is in contact. *ASTM (D 3108, D 3412; D-13)1968*

fringe multiplication

The duplicating effect of a family of curves superimposed on another family of curves so that the curves intersect at angles less than 45 degrees. A new family of curves appears which pass through **intersections** of the original curves. *1980*

frit

A powdered ceramic prepared by fusing a physical mixture of oxides into a uniform melt, which is then quenched and milled into a fine, homogeneous powder. *SP-7 1968*

frontal areas (meteorology)

Use fronts (meteorology)

fronts (meteorology)

The contacts at the Earth's surface between two different **air masses** commonly cold and warm, that generally move in an

easterly direction. Used for frontal areas (meteorology) and weather fronts. *AGI 1968*

Froude number

The nondimensional ratio of the inertial force to the force of gravity for a given fluid flow; the reciprocal of the Reech number. *SP-7 1968*

frozen soils

Use permafrost

fuel cell power plants

Power generating devices that directly produce electrical energy from **chemical energy** and consist of fuel processors, stacked **fuel cells**, and dc to ac **converters**. The main types, distinguished by electrolytes which are heated to different temperatures, are base, phosphoric acid, molten carbonate, and solid oxide. *1982*

fuel cells

Devices which convert **chemical energy** directly into electrical energy but differing from a storage battery in that the reacting chemicals are supplied continuously as needed to meet **output** requirements. *SP-7 1968*

fuel conservation

Use fuel consumption

fuel consumption

The using of fuel by an engine or power plant; the rate of this consumption, measured, e.g., in gallons or pounds per minute. *SP-7 1968*

fuel production

Producing of conventional and/or alternative fuels by various technologies. *1980*

fullerenes

Molecules whose structure is similar to the shape of a soccer ball (polyhedron). The geodesic-dome-like molecular structure causes these molecules to be named after Buckminster Fuller, hence, 'fullerene.' *1988*

functional design specifications

Those levels of design in which all subtasks are specified and their relationships defined so that the total collection of subsystems will perform the intended task of the entire system. *1980*

functionally gradient materials

Composite materials that consist of a gradual compositional variation from ceramic to metal from one surface to the other. These continuous changes result in property gradients which can be adjusted by controlling the composition. Used for FGM (materials). *1992*

furans

Organic heterocyclic compounds containing diunsaturated rings of four carbon atoms and one oxygen atom; also known as furfuran or tetrol. *1978*

fusiform shapes

Use cones

fusion

The combining of atoms and consequent release of energy. *SP-7 1969*

fusion heat

Use heat of fusion

fuzzy sets

Mathematical models coupled with a provision for the effect of human factors and construction process and experience. *1981*

fuzzy systems

Systems that involve **fuzzy sets**. *1981*

G

G force

Use acceleration (physics)

gadolinium alloys

Mixtures of gadolinium, a rare earth metal, with other metals. *1980*

gadolinium-gallium garnet

A semiconducting crystalline compound used primarily as a solid-state laser material. *1990*

galactic cosmic rays

Energetic particles that come from outside the solar systems. They generally come from within our galaxy. *1983*

galactic halos

The tenuous, spherical cloud surrounding spiral galaxies. It is the locus of old stars and globular clusters. Halos appear to be required, at least to some extent, for the stability of **disk galaxies**. *1992*

galactic mass

The total amount of matter contained in a galaxy. *1987*

galactic radio waves

Radio waves emanating from our galaxy. *SP-7 1968*

galaxies

Vast assemblages of **stars** or nebulae, composing island universes separated from other such assemblages by great distances. *SP-7 1968*

Galilean satellites

The four largest and brightest satellites of Jupiter (Io, **Europa**, **Ganymede**, and **Callisto**). *1976*

Galileo mission

Use Galileo project

Galileo probe

The NASA Jupiter **atmospheric entry** probe to be deployed from the **Galileo spacecraft**. The probe will make in situ measurements while descending from a parachute. *1979*

Galileo project

A NASA program to probe Jupiter, its environment and natural satellites. The **spacecraft** was placed in Earth orbit by the Space Transportation System (STS) on October 18, 1989. Used for Galileo mission. *1978*

Galileo spacecraft

A NASA orbiter **spacecraft** which will carry the **Galileo probe** and, following deployment at Jupiter, will become an orbiting platform for **remote sensing** of Jupiter and its **satellites**. *1979*

galvanic cells

Use electrolytic cells

game theory

Application of mathematics to a game, business situation, or other problem to maximize gain or minimize loss. *DOE 1968*

gamma radiation

Use gamma rays

gamma ray astronomy

Astronomy based on the detection of gamma ray emission and interactions from supernova remnants, neutron stars, **flare stars**, galactic core and disc, black holes, etc. *1977*

gamma ray bursts

Short (about 0.1 - 4 sec.) intense low-energy (about 0.1 - 1.2 MeV) bursts recorded by the Vela satellite system in 1967. Their isotropic distribution suggests an extragalactic origin, but a galactic disk origin cannot be ruled out. Used for cosmic gamma ray bursts. *1981*

gamma ray lasers

Stimulated emission devices producing coherent gamma radiation. *1980*

Gamma Ray Observatory

A late 1980s NASA mission to explore the gamma ray window to the universe from 0.06 MeV to 30 GeV. *1980*

gamma ray spectra

The energy distribution of **gamma rays** emitted by nuclei. *1978*

gamma ray spectrometers

Instruments for deriving the physical constants of materials by using induced gamma radiation as the emission source. *1980*

gamma ray telescopes

Special telescopes for the observation (and recording) of astronomical phenomena in the gamma ray spectrum. *1977*

gamma rays

Quantums of **electromagnetic radiation** emitted by nuclei, each such photon being emitted as the result of a quantum transition between two **energy levels** of the nucleus. Gamma rays have energies usually between 10 thousand electron volts and 10 million electron volts with correspondingly short **wavelengths** and high frequencies. Used for gamma radiation. *SP-7 1968*

gantries

Use gantry cranes

gantry cranes

Large cranes mounted on platforms that usually run back and forth on parallel tracks astride the work area. Used for gantries. *SP-7 1968*

Ganymede

A satellite of Jupiter orbiting at a mean distance of 1,071,000 kilometers. Also called Jupiter III. *SP-7 1976*

gaps (geology)

Ravines or gorges cut deeply through a mountain ridge, or between hills or mountains. Used for cols and passes. *AGI 1975*

garnets

Groups of **minerals** that are silicates of cubic crystalline form. *1975*

gas atomization

Atomization of fluids by high **velocity** gas jets. *1980*

gas discharge counters

Use gas discharge tubes

gas discharge tubes

Evacuated enclosures containing a gas at low pressure that permits the passage of electricity through the gas upon application of sufficient voltage. Note: The tubes are usually provided with metal **electrodes**, but one form permits an electrodeless discharge with induced voltage. Used for discharge tubes and gas discharge counters. *IEEE 1968*

gas generator engines

Use engines

gas generator engines

Use gas generators

gas generators

A device used to generate gases in the laboratory; a chemical plant for producing gas from **coal**, for example, water gas. Used for gas generator engines. *DOE 1968*

gas giant planets

The giant planets, Jupiter, Saturn, Uranus, and Neptune, of our **solar system**. *1977*

gas path analysis

Mathematical process of determining overall engine performance, individual module performances and sensor performances from any specific set of engine related measurements. *1982*

gas turbines

Turbines rotated by expanding gases, as in a turbojet engine or in a turbosupercharger. *SP-7 1968*

gas-solid interactions

Effects of the **impingement** of gases (particles) on solid surfaces in various **environments**. *1979*

gaseous cavitation

Use cavitation flow

gaskets

Preformed deformable devices designed to be placed between two adjoining parts to prevent the passage of liquid or gas between the parts. *ASTM (C 542, C-24; C 716, C-24) 1968*

gasohol (fuel)

Synthetic fuel consisting of a mixture of gasoline and grain alcohol (ethanol). *1989*

gauge theory

A field theory in which symmetries of the theory are implemented locally in space and time. This leads to theories where forces are generally carried by vector bosons. Some gauge theories are **electrodynamics**, **quantum chromodynamics**, and Yang Mills theory. *1981*

Gaussian elimination

A technique for solving linear equations by progressive differencing. *1987*

Gaussian noise

Use random noise

Gaussmeters

Use magnetometers

GDOP

Use geometric dilution of precision

gegenschlein

A round or elongated spot of light in the sky at a point 180 degrees from the **sun**. Also called counter glow. *SP-7 1968*

gehlenite

A mineral of the mellite group. It is isomorphous with akermenite. Used for verlar denite. *AGI 1972*

Geiger counters

Instruments for detecting and measuring **radioactivity**. In full, Geiger-Mueller counter. Used for Geiger-Mueller tubes. *SP-7 1968*

Geiger-Mueller tubes

Use Geiger counters

gels

Liquids containing colloidal structural networks that form continuous matrices and completely pervade the liquid phase. Gels deform elastically upon application of shear forces less than the yield stress. At shear forces above the yield stress, the flow properties are principally determined by the gel matrices. *ASTM (D 2507, F-7) 1968*

genetic algorithms

Parameter search procedures loosely based on the mechanics of natural population genetics and the survival-of-the-fittest. *1992*

genetic engineering

The intentional production of new genes and alteration of genomes by the substitution or addition of new genetic material. Used for hybrids (biology). *1981*

geoastronomy

Use astrophysics

geochemistry

The study of the distribution of the amounts of the chemical elements in **minerals**, ores, **rocks**, soils, water, and the atmosphere. Also, the study of the **circulation** of the elements in nature, on the basis of the properties of the atom and **ions**. A major concern of geochemistry is the synoptic evaluation of the abundance of the elements of the Earth's crust and in major classes of rocks and minerals. *AGI 1968*

geochronology

The study of time in relationship to the history of the Earth, especially by the absolute age determination and relative dating systems developed for this purpose. *AGI 1968*

geodesy

The science which deals mathematically with the size and shape of the Earth, and the Earth's external gravity field, and with surveys of such **precision** that overall size and shape of the Earth must be taken into consideration. Used for Earth figure, Earth shape, and Iszak ellipsoid. *SP-7 1968*

geodetic accuracy

The degree to which point positions or boundaries indicated on maps or imagery correspond with true geodetic positions. *1982*

geodetic coordinates

Quantities which define the position of a point on the spheroid of reference with respect to the planes of the geodetic equator and of a reference meridian. *SP-7 1968*

geodetic surveys

Surveys which takes into account the size and shape of the Earth. *SP-7 1968*

Geodimeters

Trade name of electronic-optical devices that measure ground distances precisely by electronic timing and phase comparison of modulated light waves that travel from a master unit to a reflector and return to a light-sensitive tube where an electric current is set up. They are normally used at night and are effective with first-order **accuracy** up to distances of 5-40 km (3-25 miles). The term is derived from GEODETIC Distance METER. *AGI 1968*

Geodynamic Experimental Ocean Satellite

Use GEOS-D satellite

geodynamics

Study of the dynamic forces or processes within the Earth. Used for crustal dynamics. *1978*

geolectricity

The Earth's natural electric fields and phenomena. It is closely related to **geomagnetism**. *AGI 1968*

geofabrics

Use geotechnical fabrics

geofractures

Use geological faults

geographic information systems

Computer assisted systems that acquire, store, manipulate, and display geographic data. Some systems are not automated. *1982*

geography

The study of all aspects of the Earth's surface including its natural and political divisions, the distribution and differentiation of areas and, often, man in relationship to his environment. *AGI 1968*

geoids

The figure of the Earth as defined by the **geopotential** surface which most nearly coincides with mean **sea level** over the entire surface of the Earth. *SP-7 1968*

geological faults

A surface or zone of rock fracture along which there has been **displacement**, from a few centimeters to a few kilometers in scale. Used for closed faults, cross faults, echelon faults, geofractures, grabens, rifts, splits (geology), step faults, and thrust faults. *DOE 1968*

geology

The study of the planet Earth--the materials of which it is made, the processes that act on these materials, the products formed, and the history of the planet and its life forms since its origin. Geology considers the physical forces that act on the Earth, the chemistry of its constituent materials, and the biology of its past inhabitants as revealed by **fossils**. Clues on the origin of the planet are sought in a study of the **Moon** and other extraterrestrial bodies. The knowledge thus obtained is placed in the service of man--to aid in the discovery of **minerals** and fuels of value in the Earth's crust, to identify geologically stable sites for major structures, and to provide foreknowledge of some of the dangers associated with the mobile forces in a dynamic Earth. *AGI 1968*

geomagnetic crotchets

Use sudden ionospheric disturbances

geomagnetic equator

Use magnetic equator

geomagnetic field

Use geomagnetism

geomagnetic latitude

Angular distances from the geomagnetic equator, measured northward or southward through 90 degrees and labeled N or S to indicate the direction of measurement. *SP-7 1968*

geomagnetic storms

Use magnetic storms

geomagnetically trapped particles

Use radiation belts

geomagnetism

The magnetic phenomena, collectively considered, exhibited by the Earth and its atmosphere and by extension the magnetic phenomena in interplanetary space. The study of the magnetic field of the Earth. Used for geomagnetic field and terrestrial magnetism. *SP-7 1968*

geometric accuracyThe internal geometric fidelity of an imaging system. *1982***geometric dilution of precision**

A navigation and positioning system performance index expressing the dilution of range measurement **precision** due to the geometric relationship between user and **satellites**. It is formulated as the square root of the sum of the variances of position estimates in the three orthogonal directions and can be employed to determine the optimal locations for network satellites and in the selection of optimal satellite signals sources. Used for GDOP. *1980*

geometric rectification (imagery)

The **correction** of image distortions due to sensor view angle, platform attitude, or target surface features. *1980*

geometrical acoustics

The study of the behavior of sound under the assumption that sound transversing a homogeneous medium travels along straight lines or rays. Used for ray acoustics. *1981*

geometrical hydromagnetics

Use magnetohydrodynamics

geometrical optics

The geometry of paths of light rays and their imagery through optical systems. Used for ray optics. *1979*

geometrical theory of diffractionA ray theory of **diffraction** process. *1981***geometrodynamics**

Use relativity

geomorphology

A science that deals with the **land** and submarine relief features of the Earth's surface and genetic interpretation of them through using the principles of physiography in its descriptive aspects and of dynamic and structural **geology** in its explanatory phases. Used for physiography. *DOE 1968*

geophysical fluid flow cells

Apparatus used in model experiments for deep solar convection and Jovian **atmospheric circulation** for Spacelab 1 and Spacelab 3. *1980*

geophysical fluids

General term for the **liquids** and gases on or in the Earth (from water in all forms, to petroleum and hydrocarbons in liquid and gaseous form, and molten rock material within the Earth). *1980*

geophysics

The physics of the Earth and its environment, i.e., Earth, air, and (by extension) space. Classically, geophysics is concerned with the nature of and physical occurrences at and below the surface of the Earth including, therefore, **geology**, oceanography, **geodesy**, **seismology**, and **hydrology**. The trend is to extend the scope of geophysics to include **meteorology**, **geomagnetism**, **astrophysics**, and other sciences concerned with the physical nature of the universe. *SP-7 1968*

geopotential

The **potential energy** of a unit mass relative to **sea level**, numerically equal to the work that would be done in lifting the unit mass from sea level to the height at which the mass is located; commonly expressed in terms of dynamic height or geopotential potential. *SP-7 1968*

geopotential height

The height of a given point in the atmosphere in units proportional to the **potential energy** of unit mass (geopotential) at this height, relative to **sea level**. *SP-7 1968*

Geopotential Research Mission

A NASA gravity field mapping mission utilizing the low-low satellite tracking concept to measure the Doppler shift between two coorbiting polar **satellites**. Used for Gravsat satellites. *1980*

geopressure

Pressures that exceed the normal **hydrostatic pressure** of about 0.465 psi per foot of depth. *1981*

GEOS-D satellite

Another in a series of the European Space Agency's geostationary scientific satellites launched by NASA for long-term cosmic radiation studies. Used for Geodynamic Experimental Ocean Satellite. *1977*

Geosari project

Launch of GEOS on second development flight of Ariane launcher into a geostationary elliptical orbit in 1979. The name is derived from a combination of GEOS and Ariane. *1977*

geosphere

Use lithosphere

Geostationary Operational Environ Sats

Use GOES satellites

Geostationary Operatl Environ Satellite B

Use GOES 2

geostationary platforms

Use synchronous platforms

geostationary satellites

Use synchronous satellites

geostrophic wind

The horizontal wind velocity for which the coriolis acceleration exactly balances the horizontal pressure **force**. *SP-7 1968*

geosynclines

Mobile downwarplings of the crust of the Earth, either elongate or basinlike, measured in scores of kilometers, in which sedimentary and **igneous rocks** accumulate to thicknesses of thousands of meters.

AGI 1977

geotechnical engineering

The science and practice of that part of civil engineering involving the inter-relationship between a geologic environment and the works of man.

1981

geotechnical fabrics

Generic term for a variety of artificial fiber products used in engineering construction of civil works such as embankments. Also called geofabrics, filter cloth, geotextiles and civil engineering fabrics. Used for geofabrics and geotextiles.

1981

geotemperature

Internal temperature of the planet Earth. Used for geothermometry.

1981

geotextiles

Use geotechnical fabrics

geothermal energy extraction

The removal for storage and/or utilization of heat from natural sources within the Earth (hot springs, geysers, hot **rocks**, etc.)

1980

geothermal energy utilization

Any application of energy derived from sources within the Earth.

1980

geothermal technology

The gamut of operations involved in the **exploration**, exploitation, and conversion of energy derived from geothermal sources.

1980

geothermometry

Use geotemperature

German Infrared Laboratory

A proposed infrared telescope for Spacelab that was discontinued in 1985. It superseded the LIRTS (telescope).

1986

germicides

Use bactericides

germinators

Use phytotrons

Get Away Specials (STS)

Low-cost, man-independent Space Shuttle experimental payloads.

1987

getters

Materials which are included in a vacuum system or device for removing gas by **sorption**.

SP-7 1968

GGG (garnet)

Use gadolinium-gallium garnet

gimbals

Devices with two mutually perpendicular and intersecting axes of rotation, thus giving free angular movement in two directions, on which **engines** or other objects may be mounted. In gyros, supports which provide the spin axes with **degrees of freedom**.

SP-7 1968

Giotto mission

The European Space Agency's mission to fly through the head of Halley's Comet in order to make in situ measurements of the composition and physical state as well as the structures of the head. Included in the onboard equipment are cameras to determine the structures, spectrometers to determine the composition, and a plasma detector and a magnetometer to measure the interactions with the **solar wind**. The time of encounter with the comet was during the second week of March 1986.

1982

glacial drift

A general term for drift transported by **glaciers** or **icebergs** and deposited directly on **land** or in **seas**. Used for drumlins, end moraines, eskers, glaciofluvial deposits, moraines, and Stoss-and-Lee topography.

AGI 1972

glaciers

Large masses of **ice** formed, at least in part, on **land** by the compaction and **recrystallization** of **snow**, moving slowly by creeping downslope or outward in all directions due to the stress of their own **weight**, and surviving from year to year. Included are small mountain glaciers as well as ice sheets continental in size, and ice shelves which float on **oceans** but are fed in part by ice formed on land. Used for active glaciers and advancing glaciers.

AGI 1968

glaciofluvial deposits

Use glacial drift

glaciology

The study of all aspects of **snow** and **ice**; the science that treats quantitatively the whole range of processes associated with all forms of solid existing water.

AGI 1968

glass lasers

High power lasers used in laser fusion technology research.

1980

glassy carbon

Form of carbon with unique properties and characteristics. Formed by carbonizing phenolic resins made by reacting phenols with cellulose, **aldehydes**, and ketones.

1980

Glauert coefficient

Use aerodynamic forces

Glauert coefficient

Use Mach number

glide angles

Use glide paths

glide paths

Flight paths of aeronautical vehicles in a glide, seen from the side. The paths used by aircraft or **spacecraft** in approach procedure and which are generated by instrument landing facilities. Used for glide angles and glide slopes.

SP-7 1968

glide slopes

Use glide paths

Glimm method

Numerical technique for solving gas dynamics problems involving hyperbolic systems of conservation laws.

1981

global positioning system

A satellite navigation system which will display many (up to 24) **satellites** in three sets of **orbits** by means of a precise time

standard and three-dimensional information on position and **velocity**. 1977

glow
Use luminescence

glow discharges
Electrical discharges that produce luminosity. SP-7 1968

gluons
The carriers of the strong **force** which holds atomic nuclei together (holding together groups of quarks making up stable particles, which in turn are bound together in the atomic nuclei). 1979

gneiss
A foliated rock formed by regional metamorphism, in which bands or lenticles of granular materials alternate with bands or lenticles in which **minerals** having flaky or elongate prismatic habits predominate. Generally less than 50 percent of the minerals show preferred parallel orientation. Although a gneiss is commonly feldspar- and quartz-rich, the mineral composition is not an essential factor in its definition. AGI 1968

gnomonic projection
A projection on a plane tangent to the surface of a sphere having the point of projection at the center of the sphere. Used in cartography and in crystallography. 1981

gnotobiotics
The study of germ free animals. SP-7 1968

GNP
Use gross national product

GOES satellites
Geostationary operational environmental **satellites**. Used for Geostationary Operational Environ Sats. 1978

GOES 1
The first in a series of geostationary operational environmental **satellites** launched in October 1975. It ceased operation in June of 1977. 1980

GOES 2
The second in a series of geostationary operational environmental **satellites** launched in June 1977. Used for Geostationary Operatl Environ Satellite B. 1980

GOES 3
The third in a series of geostationary operational environmental **satellites** launched in June 1978. 1980

GOES 4
The fourth in a series of geostationary operational environmental **satellites** launched in September 1980. 1981

GOES 5
The fifth in a series of geostationary operational environmental **satellites** launched in May 1981. 1981

GOES 6
The sixth in a series of geostationary operational environmental **satellites** launched in April 1983. 1986

goniometers
Instruments for measuring angles. SP-7 1968

goodness of fit

The degree to which the observed frequencies of occurrence of events in an experiment correspond to the probabilities in a model of the experiment. 1981

grabens
Use geological faults

gradient index optics

Optical systems with components whose refractive indexes vary continuously within the material used for the optical elements. 1980

grand unified theory

A theory describing the unification of gravity with the other elementary forces in physics, i.e., the weak **force**, the strong force and the electromagnetic force. Used for GUT. 1986

grants

Assets bestowed or transferred, such as money or **land**, for a particular purpose. DOE 1968

graph theory

The mathematical study of the structure of graphs and networks. 1976

graphical user interface

A **man-computer interface** which relies on graphical and/or pictorial means for presenting the user with command options and their results. Input to a graphical user interface relies heavily on the use of point-and-click devices (such as a 'mouse'). Most graphical user interfaces are designed to facilitate multitasking through separate application windows (computer programs). 1993

graphite-epoxy composites

Structural materials composed of **epoxy resins** reinforced with graphite. 1977

graphite-polyimide composites

Composite materials utilizing graphite reinforcing fibers in a resin matrix. 1980

graphoepitaxy

The use of artificial surface relief structures to induce crystallographic orientation in **thin films**. 1980

Grashof number

A nondimensional parameter used in the theory of **heat transfer**. The Grashof number is associated with the **Reynolds number** and the **Prandtl number** in the study of **convection**. SP-7 1968

gravel deposits

Use gravels

gravels

Coarse, granular aggregates, with pieces larger than sand grains, resulting from the natural **erosion** of **rocks**. Used for gravel deposits. ASTM (D 1079, D-8) 1968

gravimeters

Instruments for measuring variations in the gravitational field, generally by registering differences in the weight of a constant mass as the gravimeter is moved from place to place. Used for gravity meters. AGI 1968

gravimetry

The measurement of gravity or gravitational acceleration, especially in **geophysics** and **geodesy**. AGI 1968

gravireceptors

Highly specialized nerve endings and receptor organs located in skeletal muscles, tendons, joints, and in the inner ear which furnish information to the brain with respect to body position, **equilibrium** and the direction of gravitational forces. *SP-7 1968*

gravitation

The acceleration produced by the mutual attraction of two masses, and of magnitude inversely proportional to the square of the distance between the two centers of mass. Used for gravity. *SP-7 1968*

gravitational constant

The coefficient of proportionality in Newton's law of **gravitation**. *SP-7 1968*

gravitational fields

Regions that give rise to forces of gravitational attraction. *AGI 1968*

gravitational potential

Use gravitational fields

gravitational radiation

Use gravitational waves

gravitational wave antennas

Devices for receiving propagating **gravitational fields** produced by some change in the distribution of matter. *1978*

gravitational waves

Hypothetical waves that travel at the speed of light, by which gravitational attraction is propagated. *AGI 1971*

gravitons

The hypothetical elementary units of **gravitation** which are equivalent in the electrons in electromagnetic theory. *SP-7 1970*

gravity

Use gravitation

gravity anomalies

The differences between the observed values of gravity at different points and the theoretical calculated value. They are based on a simple gravity model, usually modified in accordance with some generalized hypothesis of variation in subsurface density as related to surface topography. *AGI 1968*

gravity meters

Use gravimeters

Gravity Probe B

An experiment designed to measure general relativistic induced torques on a gyroscope in orbit about the Earth. *1982*

gravity waves

Waves in an interface between fluids of different density in which the restoring **force** is gravity. *DOE 1968*

Gravsat satellites

Use Geopotential Research Mission

gray scale

Images that are not colored or multispectral. *1984*

grazing incidence

Incidence at a small glancing angle. *1977*

Grazing Incidence Solar Telescope

Use GRIST (telescope)

great circles

Circles which intersect a sphere and a plane through its center. *SP-7 1968*

greenhouse effect

The heating of the Earth's surface because outgoing long-wavelength terrestrial radiation is absorbed and re-emitted by the carbon dioxide and **water vapor** in the **lower atmosphere** and eventually returns to the surface. *AGI 1968*

greenhouses

Structures enclosed by glass or plastic devoted to the cultivation or protection of tender plants or to the production of plants out of season. *1981*

GRIST (telescope)

An ESA Spacelab payload designed for **grazing incidence** solar phenomena. Used for grazing incidence solar telescope. *1977*

gross national product

The total value of the goods and services produced in a nation during a specific period and also comprising the total expenditures by consumers and government plus gross private investment. Used for GNP. *1978*

ground clouds

Use exhaust clouds

ground effect (aerodynamics)

Increase in the lift of an aircraft operating close to the ground caused by reaction between high-velocity downwash from its wing or rotor and the ground. *1976*

ground effect (communications)

The effect of ground conditions on radio communications. *1976*

ground support equipment

That equipment on the ground, including all implements, tools, and devices (mobile or fixed), required to inspect, test, adjust, calibrate, appraise, gage, measure, repair, overhaul, assemble, transport, safeguard, record, store, or otherwise function in support of a rocket, space vehicle, or the like, either in the research and development phase or in operational phase, or in support of the guidance system used with the missile, vehicle, or the like. *SP-7 1968*

ground truth

Data obtained on the ground concerning the significance of **anomalies** observed in **remote sensing** to help interpretation. *SP-7 1968*

ground water

That part of the subsurface water that is in the zone of saturation, including underground streams. *AGI 1968*

groundwater

Use ground water

group velocity

The **velocity** of a wave disturbance as a whole, i.e., of an entire group of component simple harmonic waves. *SP-7 1968*

growth chambers

Use phytotrons

guanosines

Guanine riboside; a nucleoside composed of guanine and ribose. Used for vernine. 1981

guayule

A desert shrub native to southwestern United States and north Mexico that produces polymeric isoprene essentially identical to that made by Hevea **rubber** trees in southeast Asia. 1981

GUI (computers)

Use graphical user interface

guidance (motion)

The process of directing the movements of an aeronautical vehicle or space vehicle, with particular reference to the selection of a flight path. SP-7 1968

guide vanes

Control surfaces that may be moved into or against a rocket's jetstream, used to change the direction of the jet flow for thrust vector control. Used for jetavators. SP-7 1968

gulfs

Relatively large parts of **oceans** or **seas** extending far into the **land**, partly enclosed by an extensive sweep of the **coasts**, and opened to the sea through **straits**. Gulfs are the largest of various forms of inlets of seas. They are usually larger, more enclosed, and more deeply indented than bays (topographic features). AGI 1983

gun launchers

Ordnance devices for firing **missiles** and rockets with initial **attitude control**. 1968

GUT

Use grand unified theory

gypsum

The mineral consisting primarily of fully hydrated calcium sulfate (calcium sulfate dihydrate). ASTM (C 11, C-11) 1968

gyrals

Use gyres

gyres

Closed circulatory systems in a body of water, larger than an eddy or a whirlpool. There is a circular motion of water in each of the major ocean basins, centered on a subtropical high-pressure region. These movements are generated by connective **flow** of warm **surface water** poleward, by the deflective effect of the Earth's rotation and by the effects of prevailing winds. The water within each gyre turns clockwise in the Northern Hemisphere and counterclockwise in the Southern Hemisphere. Acceleration causes **sea level** to fall along mainland **coasts**; **deceleration** leads to rise. AGI 1968

gyro horizons

Artificial horizons or attitude **gyroscopes**. SP-7 1968

gyrocompasses

Compasses consisting of a continuously driven Foucault gyroscope whose supporting ring normally confines the spinning axis to a horizontal plane, so that the Earth's rotation causes the spinning axis to assume a position in a plane passing through the Earth's axis, and thus to point to true north. IEEE 1968

gyrodampers

Single-gimbal control moment gyros actively controlled to extract the structural vibratory energy through the local rotational deformations of a structure; used in large space structures. 1980

gyrofrequency

The natural period of revolution of a free electron in the Earth's magnetic field. SP-7 1968

gyros

Use gyroscopes

gyroscopes

Devices which utilize the angular momentum of a spinning mass (rotor) to sense angular motion of its base about one or two axes orthogonal to the spin axis. Used for gyros, gyroscopic drift, and gyrostats. SP-7 1968

gyroscopic drift

Use gyroscopes

gyrostats

Use gyroscopes

gyrotrons

Use cyclotron resonance devices

H

H-60 Helicopter

The Black Hawk (Sikorsky) assault helicopter. Used for Black Hawk assault helicopter. 1980

habitats

The areas or types of environment in which plants or animals normally occur or live. DOE 1972

hail

Precipitation in the form of spheroidal layered **ice** pellets that usually fall from cumulonimbus clouds during thunderstorms. The layered structure of hail is produced by successive accretions of clear and frothy ice. AGI 1968

hailstones

Use hail

HAL/S (language)

Programming language developed for the flight software of the NASA Space Shuttle program. 1977

half life

The average time required for one half the atoms in a sample of radioactive element to decay. SP-7 1968

Hall coefficient

Use Hall effect

Hall currents

Use Hall effect

Hall effect

The electrical **polarization** of a horizontal conducting sheet of limited extent, when that sheet moves laterally through a magnetic field having a component vertical to the sheet. The Hall effect is important in determining the behavior of the electrical currents generated by winds in the **lower atmosphere**. Used for Hall coefficient and Hall currents. SP-7 1968

Halley's comet

A member of the **solar system** with an orbit and a period of about 76 years. It appeared in 1985-1986. 1977

halocarbons

Compounds consisting of halogen atoms and carbon atoms. 1978

HALOE

Use Halogen Occultation Experiment

Halogen Occultation Experiment

Shuttle experiment to provide global stratospheric vertical **concentration** profiles of key chemical species involved in the catalytic destruction of **ozone** due to chlorine compounds. Used for HALOE. 1981

handling qualities

Use controllability

hang gliders

Ultralight, unpowered aircraft in which the pilot controls the flight attitude and glide path by shifting his position on a suspended seat (swing seat). 1977

harbors

Small bays or sheltered parts of **seas, lakes**, or other large bodies of water, usually well protected either naturally or artificially against high waves and strong currents. Harbors are furnished deep enough to provide safe anchorage for ships; especially such places in which port facilities are furnished. AGI 1973

hard coal

Use anthracite

hard landing

An impact landing of a spacecraft on the surface of a planet or natural satellite destroying all equipment except possibly a very rugged package. SP-7 1972

hardening (systems)

Techniques for decreasing the susceptibility or vulnerability of weapon systems and components. 1968

hardness

Resistance of metal to plastic deformation usually by indentation. However, the term may also refer to **stiffness** or temper, or to resistance to scratching, **abrasion**, or cutting. SP-7 1968

hardware

Physical equipment as contrasted to ideas or design that may exist only on paper. SP-7 1968

harmonic analysis

A statistical method for determining the amplitude and period of certain harmonic or wave components in a set of data with the aid of Fourier series. SP-7 1968

harmonic functions

Any solution of the Laplace equations. SP-7 1968

harmonic motion

The projection on a diameter of the circle of such motion. SP-7 1968

harmonics

Eigenfrequency **oscillations** excited in a vibrating system. Used for overtones. DOE 1968

Hartree-Fock-Slater method

A refined approximation method for the calculation from wave function of electron total energies, kinetic energies, etc., for chemical elements. 1977

Hawkeye 1 satellite

Use Explorer 52 satellite

HAZ (metallurgy)

Use heat affected zone

hazardous material disposal (in space)

The disposal in space of hazardous material. When radioactive materials are involved, the expected lifetime of orbit exceeds the lifetime of the **radioactivity**. 1983

haze

Fine particles of dust, salt, or water dispersed through a part of the atmosphere, diminishing transparency of the air, causing colors to assume a characteristic subdued opalescent appearance, and reducing the horizontal visibility to more than one, but less than two kilometers. The obscuration, or lack of transparency, of the atmosphere near the Earth's surface, is often caused by haze or by heat **refraction** (shimmering). AGI 1968

HCL argon lasers

Gas lasers in which the active material is gaseous hydrogen chloride and argon. 1976

HCL lasers

Gas lasers in which the active material is gaseous hydrogen chloride. Used for hydrogen chloride lasers. 1976

headsets

Use earphones

HEAO A

Use HEAO 1

HEAO B

Use HEAO 2

HEAO C

Use HEAO 3

HEAO 1

The first of three NASA High Energy Astronomy Observatories launched during 1977 for the study of **cosmic rays** and Earth's magnetic field to study the x ray and gamma ray sky. Used for HEAO A, High Energy Astronomy Observatory A, and High Energy Astronomy Observatory 1. 1978

HEAO 2

The second of three NASA High Energy Astronomy Observatories. It was launched during 1978 for the study of specific x ray objects, quasars, x ray pulsars, and candidate black holes. Used for Einstein Observatory, HEAO B, High Energy Astronomy Observatory B, and High Energy Astronomy Observatory 2. 1978

HEAO 3

The third of three NASA High Energy Astronomy Observatories. It was launched during 1979 for the study of **cosmic rays** and elemental and isotropic composition as a corollary to a search of narrow gamma ray lines. Used for HEAO C, High Energy Astronomy Observatory C, and High Energy Astronomy Observatory 3. 1978

heat affected zone

That portion of the base metal, the structure or properties of which have been altered by the heat of **welding** or gas-cutting operation. Used for HAZ (metallurgy). 1986

heat balance

The **equilibrium** which exists on the average between the **radiation** received by a planet and its atmosphere from the **sun** and that emitted by the planet and the atmosphere. The equilibrium which is known to exist when all sources of heat gain and loss for a given region of body are accounted for. In general, this balance includes advective or evaporative terms as well as a radiation term. SP-7 1968

heat budget

The accounting for the total amount of heat received and lost by a particular system. AGI 1968

heat capacity

Use specific heat

heat content

Use enthalpy

heat equations

Use thermodynamics

heat exchangers

Devices for transferring heat from one fluid to another without intermixing the fluids, as a regenerator and, an apparatus for cooling or heating the air in a wind tunnel. SP-7 1968

heat flow

Use heat transmission

heat flux

The thermal **intensity** indicated by the amount of energy transmitted per unit area. ASTM (D 123, D 4391, D-13) 1968

heat of fusion

The increase in **enthalpy** accompanying the conversion of one mole, or a unit mass, of a solid to a liquid at its melting point at constant pressure and temperature. Used for latent heat of fusion. 1980

heat resistance

Use thermal resistance

heat resistant alloys

Alloys developed for very high temperature service where relatively high **stresses** (tensile, thermal, vibratory, and shock) are encountered and where oxidation resistance is frequently required. Used for high temperature alloys and superalloys. SP-7 1968

heat shielding

The use of devices that protect something from heat. Specifically, the protective structure necessary to protect a reentry body from **aerodynamic heating**. Used for thermal shielding. SP-7 1968

heat transfer

The transfer or exchange of heat by **radiation**, conduction, or **convection** with a substance and between the substance and its surroundings. Used for nonadiabatic processes. SP-7 1968

heat transfer coefficients

The rate of **heat transfer** per unit area per unit temperature difference, a quantity having the dimensions of reciprocal **length**. SP-7 1968

heat transmission

Heat transmitted from one substance to another. Used for heat flow. DOE 1968

heat treatment

Heating and cooling a solid metal or alloy in such a way as to obtain desired conditions or properties. SP-7 1968

heavy lift airships

Airships designed to lift heavy materials. 1981

heavy water

Water in which the hydrogen of the water molecule consists entirely of the heavy hydrogen isotope of mass 2 (deuterium). Used for deuterium oxides and hydrogen deuterium oxide. SP-7 1968

helical antennas

Antennas used where circular polarization is required. The driven element consists of a helix supported above a ground plane. SP-7 1968

helicopter impulsive noise

Use blade slap noise

heliographs

Use spectroheliographs

heliography

Use spectroheliographs

heliometry

Use pyroheliometers

heliosphere

The region around the **sun** whose plasma processes are dominated by **solar wind**. 1981

heliostats

Instruments consisting of mirrors moved by clockwork for reflecting the sun's rays in a fixed direction. 1977

helix tubes

Use traveling wave tubes

Helmholtz resonators

An enclosure having a small opening consisting of a straight tube of such dimensions that the enclosure resonates at a single frequency determined by the geometry of the resonator. 1981

hematite

A common iron mineral; ferric oxide. DOE 1968

hemoperfusion

Type of poison treatment in which the patient's blood is passed over a bed of absorbent material (activated carbon, resin, etc.) to remove the toxin from the bloodstream. 1980

HEMT (electronics)

Use high electron mobility transistors

hepatitis

An inflammation of the liver, commonly of viral origin, but also associated with other diseases. 1978

herbicides

Chemical agents used for the eradication of undesirable plants or for the inhibition of their growth. 1979

Herbig-Haro objects

Celestial objects having many of the characteristics of a T Tauri star (e.g., their spectra show a weak continuum with strong emission lines), believed to be stars in the very early stages of development. All known Herbig-Haro objects have been found within the boundaries of dark clouds. These strong infrared sources are characterized by mass loss. 1978

Hessian matrices

Given a real value function of N variables, an N by N symmetric of all second order partial derivatives. 1981

heterodyning

Mixing two radio signals of different **frequencies** to produce a third signal which is of lower frequency; i.e., to produce beating. SP-7 1968

heterogeneity

Having different properties at different points.

ASTM (D 653, D-18) 1968

heterojunction devices

Electronic devices utilizing junctions between different semiconducting materials. The characteristics and performance of the devices are dependent on the relative lineup of the energy bands at the junctions. 1978

heterojunctions

Junctions between semiconductors that differ in their doping level conductivities, and also in their atomic or alloy compositions. IEEE 1980

heterosphere

The upper portion of a two part division of the atmosphere according to the general **homogeneity** of atmospheric composition; the layer above the **homosphere**. The heterosphere is characterized by variation in composition and mean **molecular weight** of constituent gases. This region starts at 80 to 100 kilometers above the Earth, and therefore closely coincides with the ionosphere and the thermosphere. SP-7 1970

high electron mobility transistors

A recently developed field effect transistor based on the technique of **modulation doping** of GaAs/Al(x)Ga(1-x) as **heterojunctions**. This technique achieves high mobility in part by introducing carriers into high purity GaAs from donor **ions** in an adjacent AlGaAs layer, the electrons and ions being separated by the built-in heterojunction potential. Used for HEMT (electronics) 1985

High Energy Astronomy Observatory A

Use HEAO 1

High Energy Astronomy Observatory B

Use HEAO 2

High Energy Astronomy Observatory C

Use HEAO 3

High Energy Astronomy Observatory 1

Use HEAO 1

High Energy Astronomy Observatory 2

Use HEAO 2

High Energy Astronomy Observatory 3

Use HEAO 3

high intensity lasers

Use high power lasers

high level languages

Computer languages whose instructions or statements each correspond to several machine language instructions. 1980

high pass filters

Wave filters having a single **transmission** band extending from some critical or cutoff frequency, not zero, up to infinite frequency. SP-7 1968

high power lasers

Stimulated emission devices having high energy **flux density** outputs. Used for high intensity lasers. 1979

high Reynolds number

A **Reynolds number** above the critical Reynolds number of a sphere. 1982

high temperature alloys

Use heat resistant alloys

high temperature fatigue

Use thermal fatigue

high temperature superconductors

New superconducting materials consisting of mixed metal oxide **ceramics** that maintain their **superconductivity** at higher temperature ranges (above 24 K) than the more traditional **superconductors**. 1987

higher order languages

Use high level languages

highlands

A general term for large areas of elevated or mountainous **land** standing prominently above adjacent low areas; mountainous regions. AGI 1969

hinge moments

Use torque

HIP (process)

Use hot isostatic pressing

Hipparcos satellite

An ESA astrometric satellite to determine trigonometric parallaxes, proper motions, and positions of 100,000 **stars**, mainly for stars brighter than magnitude 10. The satellite was launched in August 1989. 1982

hiss

Random noise in the audiofrequency range, having subjective characteristics analogous to prolonged sibilant sounds. SP-7 1968

histochemical analysis

In **biochemistry**, the analysis of chemical components in tissues. 1977

HIV (virus)

Use human immunodeficiency virus

hohlraums

In **radiation thermodynamics**, cavities whose walls are in radiative **equilibrium** with the radiant energy with the cavity. SP-7 1968

Hohmann trajectories

Use transfer orbits

Hohmann transfer orbits

Use transfer orbits

hole burning

A laser process that depletes, spatially or spectrally, the electron/hole pair density in a region of space or frequency of high coherent light, being spatial hole burning and spectral hole burning respectively. 1983

hole geometry (mechanics)

The sizes, locations, and shapes of perforations created in materials. 1980

holographic subtraction

A holographic technique by which two dissimilar optical fields can be subtracted to yield only their difference. Used for self subtraction holography. 1981

homing

The following of a path of energy waves to or toward their source or point of reflection. SP-7 1968

homogeneity

Having the same properties at all points.

ASTM (D 653, D-18) 1968

homojunctions

Junctions between semiconductors that differ in their doping level conductivities but not in their atomic or alloy composition.

IEEE 1981

homopolar generators

Rotating electric machines for converting mechanical power into pure direct current by utilizing poles having the same polarity at the armature. 1978

homosphere

The lower portion of a two part division of the atmosphere according to the general homogeneity of atmospheric composition; opposed to the heterosphere. The region in which there is no gross change in atmospheric composition, that is, all the atmosphere from the Earth's surface to about 90 kilometers. The homosphere is about equivalent to the neutrosphere, and includes the troposphere, stratosphere, and mesosphere; it also includes the ozonosphere and at least part of the chemosphere. SP-7 1968

honeycomb cores

Lightweight strengthening materials of structures resembling honeycomb meshes. SP-7 1968

horizon

That great circle or the celestial sphere midway between the zenith and nadir, or a line resembling or approximating such a circle. SP-7 1968

horizontal branch stars

Horizontal strips of stars on the Hertzsprung-Russell diagram of globular clusters to the left of the red giant branch. 1981

horizontal orientation

The attitude of an object in reference to the plane which is perpendicular to the direction of gravity. 1980

horn antennas

Antennas shaped like a horn.

SP-7 1968

hot atoms

Atoms with high internal or kinetic energy as a result of a nuclear process such as beta decay or neutron capture. 1977

hot cathodes

Cathodes that function primarily by the process of thermionic emission. SP-7 1968

hot corrosion

The corrosion at high temperatures as a result of the reduction of protective oxide coatings and scales and the subsequent accelerated oxidation. 1979

hot forming

Use hot working

hot isostatic pressing

A thermomechanical process for forming metal-powder compacts or ceramic shapes by use of isostatically applied gas pressure in order to achieve high density in the treated material. Used for HIP (process). 1986

hot pressing

The simultaneous heating and molding of a compact.

ASTM (B 243, B-9) 1968

hot working

Controlled mechanical operations for shaping a product at temperatures above the recrystallization temperature. Used for hot forming. ASTM (B 601, B-5) 1968

HOTOL launch vehicle

A British unmanned horizontal takeoff and landing single-stage-to-orbit launch vehicle. Later launches will be manned. 1987

HTPB propellants

Solid rocket propellants containing hydroxyl terminated polybutadiene as bonding material. 1979

HTSC (superconductors)

Use high temperature superconductors

Hubble constant

The rate at which the velocity of recession of the galaxies increases with distance. 1978

hum

Electrical disturbance at the power supply frequency or harmonics thereof. SP-7 1968

human engineering

Use human factors engineering

human factors engineering

Application of information on physical and psychological characteristics of man to the design of devices and systems for human use. Used for ergonomics and human engineering. DOE 1968

human immunodeficiency virus

A virus which attacks the human immune system and causes acquired immunodeficiency syndrome (AIDS). 1989

human resources

Those elements of support and capability that are provided by persons using their mental and physical capabilities.

ASTM (E 548, E-36; E699, E-6) 1968

human-computer interface

Use man-computer interface

humidity

The amount of **water vapor** in the air. Specifically, relative humidity. *SP-7 1968*

hurricanes

Tropical cyclones, especially in the West Indies, in which the wind velocity equals or exceeds 64 knots (73 mph). *AGI 1968*

Huygens principle

A very general principle applying to all forms of wave motion which states that every point on the instantaneous position of an advancing phase front (wave front) may be regarded as a source of secondary spherical wavelets. The position of the phase front a moment later is then determined as the envelope of all the secondary wavelets (ad infinitum). *SP-7 1968*

hybrid structures

An assembly constructed of interconnected rigid and flexible structural shapes; designed to sustain dynamic, static, and other loads. *1978*

hybrids (biology)

Use genetic engineering

hydraulic actuators

Use actuators

hydroaeromechanics

Use aerodynamics

hydrobarophones

Use hydrophones

hydroclimatology

The study of the physical and often the chemical factors that characterize a particular environment. *AGI 1974*

hydrocracking

Technique for the catalytic conversion of **coal** into liquid fuels. *1979*

hydrodynamic coefficients

The factors producing motions in floating objects in **liquids**. *1980*

hydrodynamic ram effect

The physical effect (force) transmitted to the walls of a liquid filled container by the action of a projectile penetrating the container and transferring its energy to the liquid as **kinetic energy**. The fluid, in turn, transfers this kinetic energy to the walls of the container, causing excessive structural damage. *1977*

hydroelectricity

Electric power produced by water power using water wheels, turbogenerators, or other conversion equipment. *1980*

hydrogen chloride lasers

Use HCL lasers

hydrogen deuterium oxide

Use heavy water

hydrogen embrittlement

A decrease in **fracture strength** of metals due to the incorporation of hydrogen in the metal lattice. *DOE 1972*

hydrogen engines

Internal combustion engines utilizing gaseous hydrogen as the fuel. *1977*

hydrogen masers

A stimulated emission device in which hydrogen gas provides an **output signal** with a high degree of stability and spectral purity. *1980*

hydrogen metabolism

The physical and chemical processes by which an organism transforms the complex hydrogen components of foodstuffs into simple hydrogen compounds by disassimilation and catabolism in the production of energy. *1979*

hydrogen oxygen engines

Engines using liquid hydrogen as fuel and liquid oxygen as oxidizer. Used for hydrox engines and lox-hydrogen engines. *SP-7 1968*

hydrogen production

Production of hydrogen for fuel purposes by photosynthetic, chemical, electrical, thermal, electrochemical, or other means. *1977*

hydrogen 2

Use deuterium

hydrogeology

The science that deals with subsurface waters and with related geologic aspects of surface waters. The term is also used in the more restrictive sense of **ground water geology**. *AGI 1968*

hydrography

The science that deals with the physical aspects of all waters on the Earth's surface, especially the compilation of navigational charts. *AGI 1968*

hydrology

The science that deals with global water (both liquid and solid), its properties, circulation, and distribution, on and under the Earth's surface and in the atmosphere through **evapotranspiration** or is discharged into **oceans**. In recent years, the scope of hydrology has been expanded to include environmental and economic aspects. *AGI 1968*

hydrology models

Mathematical or physical representations by which the circulation, distribution, and properties of the waters of the Earth can be studied. *1978*

hydromagnetic waves

Use magnetohydrodynamic waves

hydromagnetics

Use magnetohydrodynamics

hydromagnetism

Use magnetohydrodynamics

hydrometers

Instruments used for measuring the specific gravity of a liquid. *SP-7 1968*

hydrophones

Microphones suitable for use in water or other liquid. Used for hydrobarophones. *SP-7 1968*

hydroponics

Growing of plants in a nutrient with the mechanical support of an inert medium such as sand. *DOE 1970*

hydropyrolysis

A coal-to-liquid process in which bituminous coal, **lignite**, tars, sand and related materials are rapidly heated to 1000-1100 degrees K in pressurized hydrogen gasification reactors to generate pure methane. *1980*

hydrosience

Use hydrology

hydrosphere (Earth)

Use Earth hydrosphere

hydrostatic pressure

A state of stress in which all the principal **stresses** are equal (and there is no **shear stress**). *ASTM (D 653, D-18) 1968*

hydrothermal stress analysis

The evaluation of the combined effects of temperature-humidity cycling. *1981*

hydrothermal systems

Energy systems utilizing hot water from geysers, hot springs, solar heating, and other sources. *1980*

hydrox engines

Use hydrogen oxygen engines

hygral properties

The affinity of something for moisture. *1979*

hygrometers

Instruments for measuring the **humidity** of the atmosphere. *ASTM (D 123, D-13) 1968*

hyperbolas

Open curves with two branches, all points of which have a constant difference in distance from two fixed points called foci. *SP-7 1968*

hyperbolic navigation

Radio navigation in which a hyperbolic line of position is established by signals received from two stations at a constant time difference. *SP-7 1968*

hypercube multiprocessors

Distributed-memory, message-passing multiprocessors designed to reduce the number of interconnections compared to the number of processors. Other simple geometries such as rings, meshes, or trees of processors can be embedded in hypercubes. *1987*

Hyperion

One of the natural satellites of Saturn orbiting at a mean distance of 1,481,000 kilometers. *SP-7 1974*

hyperkinesia

Excessive exercise, that is often accompanied by uncontrollable muscular movement. *1980*

hyperons

In the classification of subatomic particles according to mass, the heaviest of such particles. Some large and highly unstable components of **cosmic rays** are hyperons. *SP-7 1968*

hyperoxia

A condition in which the total oxygen content of the body is

increased above that normally existing at **sea level**. Used for oxygen toxicity. *SP-7 1968*

hypersonic flow

In **aerodynamics**, **flow** of a fluid over a body at speeds much greater than the speed of sound and in which the **shock waves** start at a finite distance from the surface of the body. *SP-7 1968*

hypersonic gliders

Unpowered vehicles, specifically **reentry vehicles**, designed to **flow** at hypersonic speeds. *SP-7 1968*

hypersonics

That branch of **aerodynamics** that deals with **hypersonic flow**. *SP-7 1968*

hypervelocity

Extremely high **velocity**. Applied by physicists to speeds approaching the speed of light, but generally implies speeds of the order of satellite speed and greater. *SP-7 1969*

hyperventilation

Overbreathing. A respiratory minute volume, or pulmonary ventilation that is greater than normal. *SP-7 1968*

hypocapnia

Deficiency of carbon dioxide in the blood and body tissues, which may result in dizziness, confusion, and muscular cramps. *SP-7 1968*

hypoventilation

A respiratory minute volume, or pulmonary ventilation that is less than normal. Also called underbreathing. *SP-7 1968*

hypoxemia

The condition of reduction of the normal oxygen tension in the blood. *SP-7 1968*

hypoxia

Oxygen want or deficiency; any state wherein a physiologically inadequate amount of oxygen is available to, or utilized by, tissue without respect to cause or degree. Used for oxygen deficiency. *SP-7 1968*

hysteresis

Any of several effects resembling a kind of internal friction, accompanied by the generation of heat within the substance affected. The delay of an indicator in registering a change in a parameter being measured. *SP-7 1968*

Iapetus

A satellite of Saturn orbiting at a mean distance of 3,562,000 kilometers. *SP-7 1969*

ice

Water in the solid state; specifically, the dense substance formed in nature by the freezing of liquid water, by the **condensation** of **water vapor** directly into ice crystals, or by the **recrystallization** or compaction of fallen **snow**. It is colorless to pale blue or greenish blue, usually white from included gas **bubbles**. At standard **atmospheric pressure**, it is formed at and has a melting point of 0 deg. C; in freezing it expands about one eleventh in volume. Ice commonly occurs as hexagonal crystals, and in large masses

is classed as a rock. The term is often substituted for glacier; as in 'continental ice.' *AGI 1968*

ice floes

Large fragments or extensive sheets of **ice**, detached and floating freely in open water. *AGI 1968*

ice shelves

Use land ice

icebergs

Large, massive pieces of floating or stranded glacier **ice** of any shape, detached (calved) from the front of **glaciers** into a body of water. Icebergs extend more than 5 m above **sea level** and have the greater part of their masses (4/5 to 8/9) below sea level. They may reach a **length** of more than 80 km. *AGI 1968*

ICL computers

Family of British **digital computers** produced by International Computers, Ltd. Used for International Computers Limited. *1977*

ideal gas

A gas which conforms to Boyle's law and has zero heat of free expansion (or also obeys Charles' law). Used for perfect gas. *SP-7 1968*

igneous rocks

Rocks or **minerals** that solidify from molten or partly molten material, i.e., from **magma**. The term is also applied to processes leading to, related to, or resulting from the formation of such rocks. Igneous rocks constitute one of the three main classes into which rocks are divided, the others being **metamorphic rocks** and **sedimentary rocks**. *AGI 1968*

ignimbrite

Use igneous rocks

igniters

Devices used to begin **combustion**, such as a spark plug in a combustion chamber of a jet engine, or a squib used to ignite the fuel in a rocket. *SP-7 1968*

ignition

The initiation of **combustion**. Used for reignition. *ASTM (D 123, D 4391; D-13) 1968*

IGY (geophysical year)

Use International Geophysical Year

IHD (hydrological decade)

Use International Hydrological Decade

illuminance

The total luminous **flux** received on a unit area of a given real or imaginary surface, expressed in such units as the footcandle, lux, or phot. Illuminance is analogous to **irradiance**, but is to be distinguished from the latter in that illuminance refers only to light and contains the luminous efficiency weighting factor necessitated by the nonlinear wavelength response of the human eye. Used for light pressure. *SP-7 1968*

ilmenite

A mineral having the theoretical composition FeO.TiO_2 used principally in the production of titanium oxide. *ASTM (C 242, C-21) 1968*

ILS (landing systems)

Use instrument landing systems

image analysis

Technique for understanding or quantification of digital data as presented in a two dimensional format. *1983*

image classification

The sorting of remotely sensed image data by any one or more of a variety of means. *1993*

image converters

Optoelectronic devices capable of changing the spectral characteristics of a radiant image. Examples of such changes are infrared to visible and x ray to visible. *IEEE 1968*

image processing

Conversion of optical images into digital data form for storage and reconstruction by computer techniques. *1977*

image reconstruction

The reproduction of the original scene from data stored or transmitted after **scanning** by an electron beam. In reprography, the re-creation of graphic images from digital data stored in a computer. *1979*

image resolution

In optics, a measure of the ability of an optical instrument to produce separable images of different points on an object. *1977*

image rotation

Mechanized or digital **rotation** of an image. *1981*

image tubes

Electron tubes that reproduce on their fluorescent screens images of irradiation patterns incident on their photosensitive surfaces. *IEEE 1968*

immunoassay

An assay that utilizes antigen-antibody reactions for the determination of biochemical substances. Used for plasma renin activity. *1981*

impact acceleration

The acceleration generated by very sudden starts or stops of a vehicle. The term is usually applied in the **context of physiological acceleration**. Used for impact deceleration. *SP-7 1968*

impact deceleration

Use impact acceleration

impact fusion

The conversion of the **kinetic energy** of a fast moving, initially stationary, macroparticle projectile into the **internal energy** of fusile material using a particle accelerator. Impact fusion is generally an **inertial confinement fusion** concept. *1981*

impact melts

Molten material resulting from hypervelocity impact. *1980*

impact strength

The amount of energy required to fracture a material. The type of specimen and the testing conditions affect the values and therefore should be specified. *SP-7 1968*

impedance

The total opposition that a circuit presents to the **flow** of an alternating current, specifically the complex quotient of voltage divided by current. Used for dummy loads. *ASTM (E 268, E-7) 1968*

impellers

Devices that impart motion to a fluid; specifically in centrifugal compressors, rotary disks which, faced on one or both sides with radial vanes, accelerate the incoming fluid outward into **diffusers**.
SP-7 1968

impingement

A process resulting in a continuing succession of impacts between (liquid or solid) particles and a solid phase.
ASTM (G 76, G-2) 1968

implosions

The rapid inward collapsing of the walls of **vacuum systems** or devices as the result of failure of the walls to sustain the ambient pressure.
SP-7 1968

impulse generators

Standard reference sources of broadband impulse energy.
IEEE 1968

impulses

The products of the forces and the times during which the forces are applied.
SP-7 1968

IMS

Use International Magnetospheric Study

incandescence

Emission of light due to high temperature of the emitting material. Any other emission of light is called **luminescence**.
SP-7 1968

incidence

Partial coincidence, as a circle and a tangent line. The **Impingement** of a ray on a surface.
SP-7 1968

inclination

The angle between the plane of an orbit and the reference plane. The equator is the reference plane for geocentric **orbits** and the **ecliptic** is the reference plane for heliocentric orbits. Also the magnetic dip.
SP-7 1968

incoherent scatter radar

Radar used in the study of the ionosphere, thermosphere, etc.
1977

incoherent scattering

The phenomena of generating waves with random variations in phase, amplitude, **polarization**, and direction of **propagation** when an incident wave encounters matter.
IEEE 1968

independent variables

Any of those variables of a problem, chosen according to convenience, which may arbitrarily be specified, and which then determine the other or **dependent variables** of the problem. The independent variables are often called the **coordinates**, particularly in problems involving motion in space. Dependent and independent variables can be interchanged, e.g., height and pressure. Used for arguments (mathematics) and parameters.
SP-7 1968

indexes (documentation)

Ordered reference lists of contents of a file or document, together with keys or reference notations for identification or location of those contents.
IEEE 1968

indium-tin-oxide semiconductors

Use ITO (semiconductors)

indoor air pollution

Pollution found in enclosed spaces often compounded by insufficient air mixing which intensifies the **concentration** of pollutants caused by outdoor and/or indoor sources.
1985

induction heating

The generation of heat in any conducting material by means of magnetic flux-induced currents.
IEEE 1968

induction motors

Ac **motors** in which the primary winding on one member (usually the stator) is connected to the power source and a polyphase secondary winding or a squirrel-cage secondary winding on the other member (usually the rotor) carries induced current.
IEEE 1971

inelastic collisions

Collisions between two particles in which changes occur both in the **internal energy** of one or both of the particles and in the sums, before and after collisions, of their kinetic energies.
SP-7 1968

inelastic stress

A **force** acting on a solid and producing a **deformation** such that the original shape and size of the solid are not restored after the force is removed.
1980

inert atmosphere

A gaseous medium that because of its lack of chemical reaction is used to enclose tests or equipment.
SP-7 1968

inert gases

Use rare gases

inertia

Resistance to acceleration. Used for inertial forces.
SP-7 1968

inertia bonding

The joining of materials with **friction** and pressure.
1980

inertial confinement fusion

The process of using intense beams of heavy ions to convey the energy needed to compress and heat small pellets containing deuterium-tritium fuels to achieve **ignition** of the pellets.
1980

inertial forces

Use inertia

inertial fusion (reactor)

Reactors in which pellet **fusion** is initiated by high energy sources including **lasers**.
1977

inertial guidance

Guidance by means of the measurement and integration of acceleration from within the craft.
SP-7 1968

inertial navigation

Dead reckoning performed automatically by a device which gives a continuous indication of position by integration of accelerations since leaving a starting point.
SP-7 1968

infinity

A point, line, or region, beyond measurable limits.
SP-7 1968

information adaptive system

The spaceborne portion of the NASA End-to-End Data System.
1981

information processing (biology)

An approach to the study of perception, memory, language and/or thought that considers organisms to be complex systems that receive, transform, store and transmit information. 1987

infrared absorption

The taking up of energy from **infrared radiation** by a medium through which the **radiation** is passing. 1977

infrared astronomy satellite

A joint NASA-Netherlands-Great Britain **spacecraft** designed to perform astronomical observations in the infrared spectral region. It was launched on January 25, 1983. Used for IRAS. 1977

infrared photometry

Photometry in the infrared region. 1985

infrared radar

Radar covering a range from the limit of the **visible spectrum** to the shortest **microwaves**. 1981

infrared radiation

Electromagnetic radiation lying in the wavelength interval from 75 microns to an indefinite upper boundary sometimes arbitrarily set at 1000 microns (0.01 centimeter). SP-7 1968

infrared signatures

The infrared spectral characteristics of an object or uniform land surface which uniquely defines it. 1983

infrared sources (astronomy)

Celestial bodies or astronomical regions emitting a large amount of **radiation** in the infrared portion of the electromagnetic spectrum. 1986

Infrared Space Observatory (ISO)

An astronomical satellite observatory funded by ESA operating at **wavelengths** from 3 to 200 microns. The observatory is comprised of a 60 cm Cassegrain telescope, a CCD infrared camera, two Michelson interferometers, and a photopolarimeter. 1987

infrared suppression

The **shielding** and/or protection of aircraft engines and exhausts from heat-seeking **missiles** and/or detecting devices. 1981

infrared telescopes

Special optical instruments for astronomical observations in the range from one micron to one millimeter. 1977

infrared windows

A frequency region in the infrared where there is good **transmission** of **electromagnetic radiation** through the atmosphere. 1976

infrasonic frequencies

Frequencies below the audiofrequency range. SP-7 1968

ingots

Cast metals in forms intended for subsequent fabrication. ASTM (E 7,E-4) 1968

inhalation

Use respiration

inhibitors

Things that inhibit; specifically, substances bonded, taped, or dip dried onto a solid propellant to restrict the burning surface and to give direction to the burning process. SP-7 1968

initial value problems

Use boundary value problems

injection molding

A forming process in which a heat softened or plasticized material is forced from a cylinder into a relatively cool cavity which gives the product a desired shape. A similar process is used for forming **solid propellants** from quick cure ingredients. 1979

injectors

Devices that propel fuel or propellant into a combustion chamber under pressure other than atmospheric. SP-7 1968

inlet airframe configurations

Optimum locations of engine inlets for various purposes. 1981

inlet pressure

In connection with performance data on pumps, when not otherwise specified, the total static pressure measured in a standard testing chamber by a vacuum gage located near the inlet port. SP-7 1968

inlet temperature

A location for measuring the temperature of fluids, particles, etc., entering a heat system, an engine, or other machine. 1980

inlets (topography)

Small narrow openings, recesses, indentations, or other entrances into coastlines or shores of **lakes** or **rivers**, through which water penetrates into **land**. AGI 1973

inliers (landforms)

Areas or groups of **rocks** surrounded by rocks of younger age. AGI 1981

insensitivity

Use sensitivity

inshore zones

Use beaches

insolation

In general, **solar radiation** received at the Earth's surface. The rate at which direct solar radiation is incident upon a unit horizontal surface at any point on or above the surface of Earth. (Contracted from INcoming SOLar radiATION). SP-7 1968

inspection

The process of measuring, examining, testing, gaging, or making other determinations with respect to materials, products, services, systems, or **environments**. ASTM (C 390, C-16) 1968

instantons

Field configurations of **Yang-Mills theory** which are localized in space and time. These configurations are solutions of the Yang-Mills field equations in Euclidean space time which allow the transitions (tunneling) from one **vacuum** state to another. 1981

instrument landing systems

A system which provides, in the aircraft, a display of the lateral, longitudinal, and vertical references necessary for a landing. Used for ILS (landing systems). SP-7 1968

insurance (contracts)

Coverage by contract whereby one party undertakes to indemnify or guarantee another against loss by a specified contingency or peril. 1987

integers

Whole numbers; numbers that are not a fraction. *SP-7 1968*

integral rocket ramjets

A combination of a solid propellant rocket and a ramjet which uses the empty booster case as a ramjet combustor. *1984*

integrals

Of or pertaining to an integer. *SP-7 1983*

integrated circuits

Combinations of interconnected circuit elements inseparably associated on or within continuous substrates. To further define the nature of integrated circuits, additional modifiers may be prefixed. *IEEE 1968*

integrated energy systems

Community systems for energy generation and distribution. *1979*

integrated optics

Thin film devices containing tiny **lenses**, **prisms**, and switches to transmit very thin laser beams, which serve the same purposes as the manipulation of electrons in thin film devices of integrated **electronics**. *1977*

integrators

In **digital computers**, devices for accomplishing a numeric approximation of the mathematical process of integration. Devices whose **output** is proportional to the integral of an input signal. *SP-7 1968*

intelligent structures

Use smart structures

intensity

In general, the degree or amount, usually expressed by the elemental time rate or spatial distribution of some condition or physical quantity, such as electric field, sound, magnetism, etc. With respect to **electromagnetic radiation**, a measure of the radiant **flux** per unit solid angle emanating from some source. Frequently, it is desirable to specify this as radiant intensity in order to distinguish it clearly from **luminous intensity**. *SP-7 1968*

interactive control

The sending of multiple commands that are selected on the basis of data received from an experiment in real time. *1981*

interactive graphics

Use computer graphics

intercalation

Production of layer type semiconducting as well as other conducting materials (also called **synthetic metals**). *1981*

interfaces

A common boundary between two parts of a system, whether material or non material. Specifically, in a rocket vehicle or other mechanical assembly, a common boundary between two components. Specifically, in fluid dynamics, a surface separating two fluids across which there is a **discontinuity** of some fluid property such as density or **velocity** or of some derivative of these properties in a direction normal to the interface. The **equations of motion** do not apply at the interface but are replaced by the boundary conditions. *SP-7 1968*

interfacial strain

Use interfacial tension

interfacial tension

That property, due to molecular forces, that exists in the surface film of all **liquids** and tends to prevent the liquid from spreading. Used for interfacial strain and surface tension. *ASTM (B 374, B-8) 1968*

interference fit

The condition where the diameter of the fastener is larger than the hole that it is to fit in. *1972*

interference monochromatization

Use diffraction

interferometers

Apparatus used to produce and measure interference from two or more coherent wave trains from the same source. Interferometers are used to measure **wavelengths**, to measure angular width of sources, to determine the angular position of sources (as in satellite tracking), and for many other purposes. *SP-7 1968*

interferon

A protein (lymphokine) released by cells in response to virus infection. When taken up by other cells, interferon inhibits the replication of viruses within them. *DOE 1972*

interior ballistics

That branch of **ballistics** that deals with the propulsion of **projectiles**, i.e., the motion and behavior of projectiles in a gun barrel, the temperatures and pressures developed inside a gun barrel or rocket. *SP-7 1968*

intermediate frequencies

The **beat frequencies** used in heterodyne **receivers**, usually the difference between the received radiofrequency signal and a locally generated signal. *SP-7 1969*

intermodulation

The **modulation** of the components of a complex wave by each other in a nonlinear system. *SP-7 1968*

internal energy

A mathematically defined thermodynamic function of state, interpretable through statistical mechanics as a measure of the molecular activity of the system. *SP-7 1968*

internal pressure

The pressure inside a portion of matter due to the attraction between **molecules**. *1968*

internal stress

Use residual stress

internal waves

In fluid mechanics, wave motions of stably stratified fluids in which the maximal vertical motions occur below the surface of the fluids. *1977*

International Cometary Explorer

Use International Sun Earth Explorer 3

International Computers Limited

Use ICL computers

International Geophysical Year

By international agreement, a period during which greatly increased observation of worldwide geophysical phenomena is undertaken through the cooperative effort of participating nations. July 1957 to December 1958 was the first such year; however, precedent was set by the International Polar Years of 1882 and 1932. Used for IGY (geophysical year). *SP-7 1968*

International Hydrological Decade

A ten-year program, 1965-74, patterned after the **International Geophysical Year**, aimed at training hydrologists and technicians, and at the establishment of networks for measuring hydrologic data. The idea originated in the United States, but the program was sponsored by UNESCO, and a large proportion of membership of the United Nations participated. Used for IHD (hydrological decade). *AGI 1968*

International Magnetospheric Study

Joint US, ESA, Japanese, and Canadian effort (1976-1979) for observation and measurement of magnetospheric and ionospheric phenomena and involving **spacecraft**, aircraft, balloons, and rockets, as well as ground based equipment. Used for IMS. *1977*

International Quiet Sun Year

An international cooperative program during 1964-65 of studying solar-terrestrial phenomena during a quiet **sun**, i.e., sunspot minimum, period. It is related to the **International Geophysical Year** and to the International Active Sun Years. Used for IQSY (international year). *AGI 1976*

International Solar Polar Mission

Use Ulysses mission

International Sun Earth Explorer 3

The last in a series of three **spacecraft** developed by NASA and ESA for the study of the magnetosphere. ISEE C was launched into a heliocentric orbit and will make observations in the **solar wind** up stream of the Earth. Used for International Cometary Explorer. *1978*

International Sun Earth Explorer 2

Second joint NASA-ESA satellite launched to investigate sun-Earth relationships and solar phenomena. *1978*

International Sun Earth Explorer 1

First joint NASA-ESA satellite launched to investigate sun-Earth relationships and solar phenomena. *1978*

International System of Units

The metric system of units based on the meter, kilogram, second, ampere, kelvin degree, and candela. Other SI units are hertz, radian, **newton**, joule, watt, coulomb, volt, ohm, farad, weber and tesla. Used for metric system and SI. *SP-7 1968*

interplanetary propulsion

Use rocket engines

interprocessor communication

Communication between two or more processors in a computer system. *1981*

intersections

In **Boolean algebra**, the operation in which concepts are described by stating that they have all the characteristics of the classes involved. Intersection is expressed as AND. *SP-7 1968*

interstellar chemistry

Molecular formation/dissociation in interstellar space due to **radiation**, collision, and other forces. *1977*

intraorbit transfer vehicles

Small scooter type tugs that would move men and materials within an orbit. *1982*

inverse scattering

Method for analyzing some classic wave scattering. *1981*

Io

A satellite of Jupiter orbiting at a mean distance of 421,800 kilometers. Also called Jupiter I. *SP-7 1968*

ion beams

Directed fluxes of charged atoms or **molecules**. *ASTM (E 673, E-42) 1968*

ion chambers

Use ionization chambers

ion density (concentration)

In **atmospheric electricity**, the number of **ions** per unit volume of a given sample of air; more particularly, the number of ions of a given type (positive small ion, negative small ion, positive large ion, or negative large ion) per unit volume of air. *SP-7 1968*

ion engines

Reaction **engines** in which **ions**, accelerated in an electrostatic field, are used as **propellants**. Used for ionic propellants and thermionic reactors. Also called electrostatic engines. Used for ionic propellants and thermionic reactors. *SP-7 1968*

ion gages

Use ionization gages

ion spectrometers

Use mass spectrometers

ion storage

Ions within an electromagnetic trap and cooled to sub-Kelvin temperatures with **lasers**. Potential uses are for frequency standards. *1980*

ion stripping

A procedure following the focusing of **ion beams** in the target chamber of a reactor to be used for particle beam pellet **fusion**. *1981*

ionic mobility

In gaseous electric **conduction**, the average **velocity** with which a given ion drifts through a specified gas under the influence of an electric field of unit strength. Mobilities are commonly expressed in units of centimeters per second per volt per centimeter. *SP-7 1968*

ionic propellants

Use ion engines

ionization

The process by which electrons are lost from or transferred to neutral **molecules** or atoms to form positively or negatively charged particles. Used for electron ionization. *ASTM (D 1711, D-9) 1968*

ionization chambers

Apparatus used to study the production of small ions in the atmosphere by **cosmic rays** and radioactive bombardment of air **molecules**. *SP-7 1968*

Ionization counters

Use radiation counters

Ionization gages

Vacuum gages with a means of ionizing the gas **molecules** and a means of correlating the number and type of **ions** produced with the pressure of the gas. Various types of **ionization gages** are distinguished according to the method of producing the ionization. Used for ion gages. *SP-7 1968*

Ionization potentials

The energy required to ionize an atom or molecule. The energy is usually given in terms of electron volts. *SP-7 1968*

Ionized plasmas

Use plasmas (physics)

Ionizers

Filaments, grids, or porous bodies in **ion engines** or other devices which strip electrons from the outer shells of **neutral atoms** to form positively charged **ions**. *SP-7 1968*

Ionizing radiation

Any electromagnetic or particulate radiation capable of producing **ions**, directly or indirectly, in its passage through matter. *SP-7 1968*

Ionopause

The upper boundary of the ionosphere of certain **planets** (excluding the Earth) and **comets** where electrons decline sharply. The Earth's ionopause is referred to as the plasmopause. (Excludes plasmopause.) *1983*

Ionospheric storms

Disturbances of the ionosphere, resulting in anomalous variations in its characteristics and effects on radio communication. *SP-7 1968*

Ionospheric tilts

Ionospheric conditions where the variability of the number of the electrons as a function of **altitude** is present. Ionospheric tilts are sometimes created by traveling ionospheric disturbances (TID's) and ionospheric tilts deflect **radio waves** in unexpected directions adversely affecting radio reception. *1982*

Ions

Charged atoms or molecularly bound groups of atoms; sometimes also **free electrons** or other charged subatomic particles. In **atmospheric electricity**, any of several types of electrically charged submicroscopic particles normally found in the atmosphere. Atmospheric ions are of two principal types, small ions and large ions, although a class of intermediate ions has occasionally been reported. In chemistry, atoms or specific groupings of atoms which have gained or lost one or more electrons, as the chloride ion or ammonium ion. Such ions exist in aqueous solutions and in certain crystal structures. *SP-7 1968*

IP (impact prediction)

Use computerized simulation

IQSY (international year)

Use International Quiet Sun Year

IRAS

Use infrared astronomy satellite

IRAS-Araki-Alcock comet

The closest known approaching comet to the Earth since 1770, it was the fourth comet discovered in 1983 and is named after its first three discoverers: The **infrared astronomy satellite**, Genichi Araki (a Japanese school teacher) and George Alcock (a veteran English amateur observer). *1983*

iron 58

A radioactive isotope of iron. *1981*

Irradiance

The detection rate per unit area of **radiation**. *1968*

Irregular galaxies

Galaxies with amorphous structure and with relatively low mass (10 to the 8th to 10 to the 10th solar masses). Fewer than 10 percent of all galaxies are classified as irregular. *1985*

isentrope

A line of equal or constant pressure, with respect to either space or time. *SP-7 1968*

Islands

Tracts of **land** smaller than a continent, surrounded by the water of **oceans**, **seas**, **lakes**, or streams. The term has been loosely applied to land-tied and submerged areas, and to land cut off on two or more sides by water, such as **peninsulas**. *AGI 1968*

isobars (pressure)

Lines of equal or constant pressure, specifically, such lines on a weather map. *SP-7 1968*

isomerization

Process for converting hydrocarbon or other organic compound to an isomer. *DOE 1968*

isomers

Nuclides having the same mass number A and atomic number Z, but existing for measurable times in different quantum states with different energies and radioactive properties. **Molecules** having the same atomic composition and **molecular weight**, but differing in geometrical configuration. *SP-7 1968*

isoparametric finite elements

The basis for the calculation of physical properties of structural shapes including stress analyses. *1981*

isopleths

Use nomographs

isostasy

A supposed equality existing in vertical sections of the Earth, whereby the **weight** of any column from the surface of the Earth to a constant depth is approximately the same as that of any other column of equal area, the **equilibrium** being maintained by plastic flow from one part of the Earth to another. *SP-7 1968*

isotensoid structures

Filamentary structures in which the filaments are uniformly stressed throughout for the design loading conditions. *SP-7 1968*

isothermal processes

Thermodynamic changes of state of a system that take place at constant temperature. *SP-7 1968*

isotherms

Lines connecting points of equal temperature. *DOE 1968*

isotopes

Nuclides having the same number of **protons** in their nuclei, and hence belong to the same element, but differing in the number of and therefore in mass number A, or in energy content (isomers). Radionuclides or preparations of an element with special isotopic composition (alobar) as an article of commerce, so called because of the principal use of such materials as radioactive tracers.

SP-7 1968

isotopic enrichment

Process by which the relative abundance of the **isotopes** of a given element are altered in a batch to produce a form of the element enriched in a particular isotope.

1979

isotropic turbulence

Turbulence in which the products and squares of the **velocity** components and their derivatives are independent of direction, or, more precisely, invariant with respect to **rotation** and **reflection** of the coordinate axes in a coordinate system moving with the mean motion of the fluid.

SP-7 1968

isotropy

Having the same properties in all directions. Used for spatial isotropy.

ASTM (D 653, D-18) 1968

isthmuses

Narrow strips or necks of **land**, bordering on both sides by water, connecting two larger land areas, such as **peninsulas** and the mainland or two continents (Isthmus of Panama).

AGI 1980

ITO (semiconductors)

Semiconductor devices consisting of a layer of tin sandwiched between an indium layer and an oxide layer. Used for indium-tin-oxide semiconductors.

1986

Izsak ellipsoid

Use ellipsoids

Izsak ellipsoid

Use geodesy

J**J integral**

A contour energy integral formulated by Rice and used for evaluating fracture toughness of elastoplastic materials.

1979

jackets

Coverings or casings of some kind. Specifically, a shell around the combustion chamber of a liquid fuel rocket, through which the propellant is circulated in **regenerative cooling**. **Coatings** of one material over another to prevent damage such as **oxidation** or micrometeroid penetration.

SP-7 1968

Jahn-Teller effect

The effect whereby, except for linear **molecules**, degenerate orbital states in molecules are unstable.

1981

jamming

Intentional **transmission** or reradiation of radio signals in such a way as to interfere with reception of desired signals by the intended receiver.

SP-7 1968

Janus

One of the natural satellites of Saturn.

1980

Japanese spacecraft

Spacecraft operated by the Japanese government. Used for MOS (Japanese spacecraft).

1983

jet airstreams

Use jet streams (meteorology)

jet damping

Use damping

jet engines

Broadly, **engines** that eject jets or streams of gas or fluids, obtaining all or most of their **thrust** by reaction to the ejection. Specifically, aircraft engines that derive all or most of their thrust by reaction to their ejection of **combustion** products (or heated air) in a jet and that obtains oxygen from the atmosphere for the combustion of their fuel (or outside air for heating, as in the case of the nuclear jet engine), distinguished in this sense from a rocket engine. Jet engines of this kind may have **compressors**, commonly turbine driven, to take in and compress air (turbojets), or they may be compressorless, taking in and compressing air by other means (pulsejets, ramjets).

SP-7 1968

jet lag

Desynchronization of biological rhythms because of transmeridian flight.

1980

jet membrane process

Method for separating or enriching **isotopes** of the same element by using a condensable vapor as the carrier fluid. A process gas containing the isotopes enters a chamber into which a heavy condensable gas (the jet) flows. The lighter of the two isotopes is enriched, relative to the heavier species, and is collected by a probe downstream for further enrichment or analysis.

1979

jet streams (meteorology)

Strong bands of wind or winds in the upper **troposphere** or in the stratosphere, moving in a general direction from west to east and often reaching velocities of hundreds of miles an hour. Used for jet airstreams.

SP-7 1968

jet thrust

The **thrust** of a fluid, especially as distinguished from the thrust of a propeller. Used for reaction jets.

SP-7 1968

jet vanes

Vanes either fixed or movable, used in a jetstream, especially in the jetstream of a rocket, for purposes of stability or control under conditions where external aerodynamic controls are ineffective. Also called blast vane.

SP-7 1968

jetavators

Use guide vanes

jetties

Use breakwaters

JFET

Junction field effect transistors in which semiconductor channels of low **conductivity** join the source and drain and in which these channels are reduced and cut off by the junction depletion regions, which reduce the conductivity and cause a voltage to be applied between the gate **electrodes**. Used for junction field effect transistors.

1980

jitter

Use vibration

Jodrell Bank Observatory

A large radio telescope, located near Manchester, England.

SP-7 1968

Joule-Thomson effect

A change of temperature in a gas undergoing Joule-Thomson expansion.

DOE 1968

jumpers

Short lengths of **conductors** used to complete electrical **circuits**, usually temporary, between terminals, or bypassing an existing circuit.

SP-7 1968

junction field effect transistors

Use JFET

Jupiter rings

Ring structures around the planet Jupiter discovered on March 4, 1979 by Voyager 1.

1980

Jupiter satellites

Any or all of the natural satellites surrounding the planet Jupiter.

1982

K

kaolinite

A hydrous silicate of aluminum. It constitutes the principle mineral in kaolin.

DOE 1968

Karman vortex street

A double trail of **vortices** formed alternately on both sides of a cylinder of similar body moving at right angles to its axis through a fluid, the vortices in one row rotating in a direction opposite to that of the other row. (After Theodore von Karman, 1881-1963, Hungarian born American scientist).

SP-7 1968

Kepler laws

The three empirical laws governing the motions of the **planets** in their **orbits**, discovered by Johannes Kepler (1571-1630). These are: (a) the orbits of the planets are **ellipses**, with the **sun** at a common focus; (b) as a planet moves in its orbit, the line joining the planet and the sun sweeps over equal areas in equal intervals of time (also called law of equal areas); (c) the squares of the periods of revolution of any two planets are proportional to the cubes of their mean distances from the sun.

SP-7 1968

kerogen

Fossilized insoluble organic material found in **sedimentary rocks**, usually **shales**, which can be converted to **petroleum products** by distillation.

AGI 1975

kettles (geology)

Steepsided, usually basin or bowlshaped holes or depressions, commonly without surface drainage, in **glacial drift** deposits (especially outwash and kame fields). Kettles often contain **lakes** or swamps; formed by the melting of large detached blocks of stagnant **ice** (left behind by retreating **glaciers**) that had been wholly or partly buried by glacial drift. Kettles range in depth from about a meter to as much as 13 km. Thoreau's Walden Pond is an example.

AGI 1968

Kevlar (trademark)

A Dupont synthetic textile material, lightweight and nonflammable, and with high impact resistance.

1977

kilometric waves

Electromagnetic waves with **wavelengths** between 1,000 and 10,000 meters.

1980

kimberlite

Use biotite

kinematics

The branch of mechanics dealing with the description of the motion of bodies or fluids without reference to the forces producing the motion.

SP-7 1968

kinetic energy

The energy which a body possesses as a consequence of its motion. Used for momentum energy.

SP-7 1968

kinetic theory

The derivation of the bulk properties of fluids from the properties of their constituent **molecules**, their motions and interactions.

SP-7 1968

Kirchhoff law of radiation

The radiation law which states that at a given temperature the ratio of the **emissivity** to the **absorptivity** for a given wavelength is the same for all bodies and is equal to the emissivity of an ideal black body at that temperature and wavelength.

SP-7 1968

Kirchhoff-Huygens principle

Use diffraction

klippen

Use outliers (landforms)

klystrons

Electron tubes for converting direct current energy into radio frequency energy by alternately speeding up and slowing down the electrons.

SP-7 1968

knowledge representation

The use of symbolic **data structures** to represent knowledge so that a computer can manipulate them.

1987

Knudsen cells

Use Knudsen gages

Knudsen gages

Gages which measure pressure in terms of the net rate of transfer of **momentum** by **molecules** between two surfaces maintained at different temperatures and separated by a distance smaller than the **mean free path** of the gas molecules. Used for Knudsen cells.

1968

kondo effect

Change in **superconductivity** characteristics resulting from magnetic impurities in the compounds involved.

1980

Korteweg-Devries equation

The mathematical representation describing the propagation of long waves of small but finite amplitude.

1978

Kraft process (woodpulp)

Woodpulp process in which sodium sulfate is used in the caustic soda pulp-digestion liquor. Also known as sulfate pulping or Kraft pulping.

1977

Kramers-Kronig formula

The relationship between the attenuation coefficient and the dispersion (frequency dependent **phase velocity**) for viscoelastic waves.

1980

kreep

A yellow-brown glassy lunar mineral enriched in potassium, rare earth elements, and phosphate. 1979

kriging

A method of providing unbiased estimates of variables in regions where the available data exhibit spatial **autocorrelation**, and these estimates are obtained in such a way that they have minimum variance. 1981

krypton fluoride lasers

Rare gas halide ultraviolet stimulated emission devices in which krypton fluoride is the active **lasing** medium. 1978

kurtosis

In statistics, the extent to which a frequency distribution is peaked or concentrated about the mean; it is sometimes defined as the ratio of the fourth moment of the distribution to the square of the second moment. 1978

L**L-Sat**

A communications satellite designed by European Space Agency member states to meet future communications satellite market needs such as European broadcast services, global telecommunications trunk services, and mobile services. Used for European Large Telecomm Satellite. 1983

labyrinth seals

Minimum leakage seals that offer resistance to fluid flow while providing radial or axial clearance. 1981

LACATE (experiment)

A NASA balloonborne experiment conducted from a balloon platform carried by a balloon over 400 feet in diameter. The acronym stands for the Lower Atmospheric Composition and Temperature Experiment. The experiment was conducted in 1974. Used for Lower Atmospheric Composition Experiment. 1981

lag (delay)

Use time lag

lagoons

Shallow stretches of seawater, such as sounds, channels, bays (topographic features), or saltwater **lakes**, near or communicating with **seas** and partly or completely separated from them by low, narrow, elongated strips of **land**, such as **reefs**, barrier **islands**, sandbanks, or spits. Lagoons are often used to describe sheets of water between offshore coral reefs and the mainland. They often extend roughly parallel to the coast and are little affected by **tides**. Lagoons are also considered shallow freshwater **ponds** or lakes near or communicating with larger lakes or **rivers**. AGI 1973

Lagrange coordinates

Systems of **coordinates** by which fluid parcels are identified for all times by assigning them coordinates which do not vary with time. Examples of such coordinates are: (a) the values of any properties of the fluid conserved in the motion; or (b) more generally, the positions in space of the parcels at some arbitrarily selected moment. Subsequent positions in space of the parcels are then the **dependent variables**, functions of time and of the Lagrange coordinates. Also called material coordinates. SP-7 1968

lake ice

Ice formed on **lakes**, regardless of observed location; it is usually freshwater ice. AGI 1972

lakes

Inland bodies of standing water occupying depressions in the Earth's surface, generally of appreciable size (larger than a pond) and too deep to permit vegetation (excluding subaqueous vegetation) to take root completely across the expanse of water; the water may be fresh or saline. The term includes expanded parts of **rivers**, reservoirs behind dams, or lake basins intermittently or formerly covered by water. AGI 1968

Lamb waves

Waves that propagate within the thickness of a thin plate, and that can only be generated at particular values of angle of incidence, frequency, and plate thickness. The **velocity** of the wave is dependent on the mode and the product of plate thickness and frequency. ASTM (E 500, E-7) 1968

Lambert law

Use Bouguer law

lamella (metallurgy)

Crystalline materials whose grains are in the form of thin sheets. 1980

laminar boundary layer

In fluid flow, layer next to the fixed boundary. The fluid **velocity** is zero at the boundary layer but the molecular viscous stress is large because the velocity gradient normal to the wall is large. Used for laminar boundary layer separation and laminar flow control. SP-7 1968

laminar boundary layer separation

Use laminar boundary layer

laminar flames

Use laminar flow

laminar flow

In fluid **flow**, a smooth flow in which no crossflow of fluid particles occurs between adjacent stream lines; hence, a flow conceived as made up of layers -- commonly distinguished from **turbulent flow**. Used for laminar flames, laminar jets, Poiseuille flow, and streamline flow. SP-7 1968

laminar flow control

Use laminar boundary layer

laminar jets

Use laminar flow

laminated materials

Use laminates

laminates

Products made by **bonding** together two or more layers of material or materials. Used for laminated materials, laminations, and multilayer structures. ASTM (C 582, C-3) 1968

laminations

Use laminates

LAN (computer networks)

Use local area networks

land

In a general sense, that part of the Earth's surface that stands above mean **sea level**. The inclusion of Antarctica's permanent **ice** in calculating the land surface of the Earth is controversial.

AGI 1968

land ice

Any **ice** masses formed from **snow**, rain or other freshwater on **land**, as ice shelves or **glaciers**, even though they may be floating in **seas** as **icebergs**.

AGI 1968

land mobile satellite service

A proposed radio relay satellite system for serving thinly populated or large geographical areas.

1981

Landau damping

The **damping** of a **space charge** wave by electrons which move at the **phase velocity** of the wave and gain energy transferred from the wave.

SP-7 1968

landfills

Disposal sites for solid wastes which are buried in layers of earth.

1981

landforms

Any physical recognizable forms or features of the Earth's surface, having characteristic shapes, and produced by natural causes. Landforms include major forms such as **plains**, **plateaus**, and mountains and minor forms such as hills, valleys, **slopes**, **glacial drift**, and **dunes**. Taken together, landforms make up the surface configuration of the Earth.

AGI 1972

landing gear

The apparatus comprising those components of an aircraft or **spacecraft** that support and provide mobility for the craft on **land**, **water**, or other surface. The landing gear consists of **wheels**, floats, skis, bogies, and treads, or other devices, together with all associated struts, bracing, or **shock absorbers**. Used for retractable landing gear.

SP-7 1968

Landsat 3

The third Landsat satellite (Landsat C) successfully launched and in orbit. Used for Earth Resources Technology Satellite C and ERTS-C.

1978

landslides

A general term covering a wide variety of mass movement **landforms** and processes involving the downslope transport, under gravitational influence, of soil and rock material en masse. Usually the displaced material moves over a relatively confined zone or surface of shear.

AGI 1975

lapse rate

The decrease of an atmospheric variable with height, the variable being temperature, unless otherwise specified. The term applies ambiguously to the environmental lapse rate and the process lapse rate, and the meaning must often be ascertained from the context.

SP-7 1968

Large Infrared Telescope on Spacelab

Use LIRTS (telescope)

Larmor radius

For a charged particle moving transversely in a uniform magnetic field, the radius of curvature of the projection of its path on a plane perpendicular to the field. Named after the English mathematician Sir Joseph Larmor (1857-1942).

1978

laser anemometers

Measuring instruments in which the wind being measured passes through two perpendicular light beams and the resulting change in **velocity** of one or both beams is measured.

1977

laser annealing

Rapid heating of metals and/or **alloys** with the use of **lasers**.

1980

laser arrays

A group of laser emitters arranged to give a desired combined output.

1972

laser cutting

The cutting of material by means of **lasers**.

1981

laser guidance

Guidance system for rockets or **projectiles**, utilizing a laser beam for a precise trajectory to a designated target.

1977

laser gyroscopes

Ring-laser angular rotation **sensors** for stabilizing and controlling large space structures, for space vehicle guidance, etc.

1980

laser induced fluorescence

Emission of **electromagnetic radiation** that is caused by the **flow** of laser radiation into the emitting body and which ceases abruptly with the **excitation**. Used for LIF (fluorescence).

1985

laser interferometry

The design and use of **interferometers** in which a laser is the light source. The monochromaticity and brilliance of the laser light enables the differentiation between interfering beams of hundreds of meters, in contrast to a maximum of 20 centimeters for the classical interferometers.

1980

laser microscopy

The application of a laser microscope having a ceramic tube in which a metal vapor is formed at 1600 degrees C. Copper (or other metal atoms) are excited and amplify light so that, when used with a projection microscope, the object to be magnified is illuminated. The power of the emitted beam on the screen remains constant.

1978

laser plasma interactions

The results of the actions of laser beams on electrically ducting fluids, such as plasmas or ionized gases.

1977

laser power beaming

Space-to-Earth power transmission utilizing a laser.

1980

laser propulsion

The use of **high power lasers** for aircraft, rocket, or spacecraft propulsion by indirect conversion of laser heated **propellants** or **working fluids** to produce **thrust**; direct thrust generation with laser light pressure on the vehicle; direct conversion of laser energy into electricity for propulsion.

1979

laser pumping

The application of a laser beam of appropriate frequency to a laser medium so that absorption of the radiation increases the population of atoms or **molecules** in higher energy states.

1977

laser spectrometers

Spectrometers that use a laser.

1981

laser spectroscopy

The use of **lasers** for spectroscopic analysis; particularly in Raman spectroscopy. 1978

laser stability

Characteristic of a laser beam free from oscillations. 1980

laser target designators

Laser equipment aboard **spacecraft** for identifying **satellites**, **missiles**, and objects in space. 1978

laser target interactions

Interactions where **lasers** are used to produce heating, **fusion**, or damage in targets. 1981

laser targets

Objects subjected to laser radiation, especially for laser fusion applications. 1979

laser weapons

Military applications of **high power lasers** (mainly gasdynamic and chemical mixing lasers). 1979

laser welding

Microspot **welding** with a laser beam. 1977

lasers

Devices for producing light by emission of energy stored in a molecular or atomic system when stimulated by an input signal. (From Light Amplification by Stimulated Emission of Radiation.) Used for Fabry-Perot lasers, natural lasers, and optical masers. SP-7 1968

lasing

Generation of visible or IR light waves having very nearly a single frequency by pumping or exciting electrons into high energy states in a stimulated emission device (laser). 1978

latch-up

A p-n-p-n self-sustaining low impedance state which is a type of electronic malfunction. 1981

latches

Devices that fasten one thing to another, as a rocket to a launcher, but are subject to ready release so that things may be separated. SP-7 1968

latent heat

The unit quantity of heat required for isothermal change in a state of a unit mass of matter. Latent heat is termed **heat of fusion**, heat of **sublimation**, heat of vaporization, depending on the change of state involved. SP-7 1968

latent heat of fusion

Use heat of fusion

Latin square method

In mathematics, the use of an $n \times n$ square array of n different symbols, each symbol appearing once in each row and once in each column. 1977

latitude

Angular distance from a primary great circle or plane. SP-7 1968

launch clouds

Use exhaust clouds

launch complexes

Use launching bases

launch time

Use launch windows

launch windows

The postulated openings in the continuum of time or of space, through which a **spacecraft** or missile must be launched in order to achieve a desired encounter, **rendezvous**, impact or the like. Used for launch time. SP-7 1968

launchers

Specifically, structures or devices, often incorporating tubes, a group of tubes, or a set of tracks, from which self-propelled **missiles** are sent forth and by means of which the missiles usually are aimed or imparted initial guidance -- distinguished in this specific sense the catapult. Broadly, structures, machines, or devices, including **catapults**, by means of which airplanes, rockets, or the like are directed, hurled, or sent forth. Used for launching devices. SP-7 1968

launching bases

Areas such as Cape Kennedy or Vandenberg Air Force Base that have several launch sites. Used for launch complexes. SP-7 1968

launching devices

Use launchers

launching pads

The load-bearing base or platform from which a rocket vehicle is launched. SP-7 1968

launching sites

Defined areas from which a rocket vehicle is launched, either, operationally or for test purposes; specifically, at Cape Kennedy or Vandenberg, any of the several areas equipped to launch a rocket. SP-7 1968

lava

A general term for a molten extrusive; also, for the rock that is solidified from it. DOE 1968

lay-up

Production of **reinforced plastics** by positioning the reinforced material (such as glass) in the mold prior to impregnation with resin. 1981

lead acid batteries

The common automobile batteries in which the **electrodes** are grids of metallic lead containing lead oxides that change in composition during charging and discharging. The electrolyte generally is dilute sulfuric acid. 1978

lead zirconate titanates

Dense **ceramics** with high piezoelectric coefficients and a high relative permittivity. 1980

leading edge flaps

Control surfaces at the leading edges of **airfoils**. Hinged panels deflected downward to induce and control separation of the air flow. 1980

leading edge thrust

The increase in lift produced by highly swept, low-aspect ratio wings which develop a strong separation vortex; however, an even larger increase in **drag** is produced. 1980

leasing

Contracting for the use and possession of **land**, **buildings**, etc., for a specified time and fixed payments. 1980

least squares method

Any statistical procedure that involves minimizing the sum of squared differences. *SP-7 1968*

LED (diodes)

Use light emitting diodes

lee waves

Internal waves occurring on the downstream sides of submarine ridges. *AGI 1968*

length

The larger of the two dimensions of the open face. *ASTM (D 2658, D-10) 1968*

lenses

Transparent optical elements, so constructed that they serve to change the degree of **convergence** of the transmitted rays. *ASTM (E 175, E-25) 1968*

leptons

In the classification of subatomic particles according to mass, the lightest of all particles; examples of leptons are the electron and positron. *SP-7 1968*

levitation melting

A metallurgical process in which a piece of metal placed above a coil carrying a high frequency current can be supported against gravity by the **Lorentz force** caused by the induced surface currents in the metal. At the same time, the heat produced by Joule dissipation melts the metal. *1983*

libration

A real or apparent oscillatory motion, particularly the apparent oscillation of the **moon**. Because of libration more than half of the moon's surface is revealed to an observer on the Earth even though the same side of the moon is always toward the Earth, because the moon's periods of **rotation** and revolution are the same. Other motions regarded as librations are long period orbital motions and periodic perturbations in **orbital elements**. *SP-7 1968*

LIF (fluorescence)

Use laser induced fluorescence

life (biology)

Use life sciences

life cycle costs

The sum of the acquisition costs and maintenance costs for the life of a system. *1978*

life sciences

The field of scientific disciplines encompassing biology, **physiology**, **psychology**, medicine, sociology, and other related areas. Used for life (biology). *SP-7 1968*

lift coefficients

Use aerodynamic coefficients

lift drag ratio

The ratio of lift to drag obtained by dividing the lift by the drag or the lift coefficient by the drag coefficient. Used for drag balance. *SP-7 1968*

light (visible radiation)

Visible radiation (about 0.4 to 0.7 microns in wavelength) considered in terms of its luminous efficiency, i.e., evaluated in proportion to its ability to stimulate the sense of sight. Used for optical spectrum and visible radiation. *SP-7 1968*

light duration

Use pulse duration

light emitting diodes

Pn junction semiconductor devices that emit incoherent optical radiation when biased in the forward direction. Used for LED (diodes). *IEEE 1971*

light intensity

Use luminous intensity

light ions

Ions of helium, boron, and other elements used in implantation experiments. *1981*

light pressure

Use illuminance

light transport aircraft

A classification of multiengine airplanes having a maximum passenger capacity of 30 seats and a gross **weight** of about 35,000 pounds. *1979*

light valves

Optical shutters which, when activated by light, become either transparent or opaque. *1983*

light water

Water in which both hydrogen atoms in each molecule are of the isotope protium. Used for protium. *1979*

light water reactors

Nuclear reactors using ordinary (rather than heavy) water as moderator. *1981*

lignin

That part of plant material which is not saccharified by the action of 72 percent sulfuric acid or 42 percent hydrochloric acid, after the resins, waxes, and tannins have been removed. *ASTM (D 1695, D-23) 1968*

lignite

Coal of relatively recent origin, an intermediate between **peat** and bituminous coal. *1979*

likelihood ratio

The probability of a random drawing of a specified sample from a population, assuring a given hypothesis about the parameters of the population, divided by the probability of a random drawing of the same sample, assuring that the parameters of the population are such that this probability is maximized. *1981*

limb brightening

The increase in the **intensity** of radio or x ray **brightness** of the **sun** or other **stars** from its center to its limb. *1981*

limb darkening

A condition, sometimes observed on **celestial bodies**, in which the **brightness** of the object decreases as the edges or limbs of the object are approached. The **sun** and Jupiter exhibit limb darkening. *SP-7 1968*

limen

Threshold; a psychophysical concept denoting the lowest detectable **intensity** of any sensory stimulus. *SP-7 1968*

limestone

Sedimentary rock composed principally of calcium carbonate (the mineral calcite) or the double carbonate of calcium and magnesium (the mineral dolomite) or mixture of the two.

ASTM (C 568, C-18) 1968

limiters (fusion reactors)

Material aperture in fusion power reactors which collect particles from the outer surfaces of the plasmas to control their transport to regions of low density. *1980*

limnology

The physical, chemical, meteorological, and especially the biological and ecological conditions in inland waters. *DOE 1972*

line of sight

An aim or observation taken with mechanical or optical aid to establish a direct path to an objective, target, etc. *1980*

line of sight communication

Electromagnetic wave propagation, usually **microwaves**, in a straight line between the transmitter and receiver. The useful **transmission** distance is generally limited to the **horizon** as sighted from the elevation of the transmitter. *1977*

line spectra

The spontaneous emission of **electromagnetic radiation** from the bound electrons as they jump from high to low **energy levels** in an atom. Used for spectral lines. *SP-7 1968*

linear AC alternators

Use linear alternators

linear accelerators

Devices for accelerating charged particles employing alternate **electrodes** and gaps arranged in a straight line, so proportioned that when their potentials are varied in the proper **amplitudes** and frequency, particles passing through them receive successive increments of energy. *SP-7 1968*

linear alternators

An electromagnetic energy converter that converts reciprocating linear **harmonic motion** and driving **force** input to AC electrical power and energy **output**. *1991*

linear arrays

Antenna arrays whose elements are equally spaced along a straight line. *SP-7 1968*

linear evolution equations

Denotes a large class of differential or integral differential equations which are used to describe the evolution in time of some physical systems from an initial state. The equation is said to be linear if the unknown functions and their derivatives appear linearly. *1981*

linear polarization

Polarization of an electromagnetic wave in which the electric vector at a fixed point in space remains pointing in a fixed direction although varying in magnitude. Also known as plane polarization. *1977*

linear quadratic Gaussian control

A type of optimal-state feedback control whose design considers

noise. It is primarily used to control aircraft and **spacecraft** systems. Used for LQG control. *1987*

linear quadratic regulator

A type of optimal-state **feedback** controller that does not consider noise. It is primarily used to control aircraft and **spacecraft**. Used for linear regulator and LQR. *1987*

linear regulator

Use linear quadratic regulator

linearity

The maximum **deviation** between an actual instrument reading and the reading predicted by a straight line drawn between upper and lower calibration points; usually expressed as a percentage of the full scale. *ASTM (D 3162, D-22) 1968*

liquid bridges

Axisymmetric liquid columns held by capillary forces and forming an interface between two solids or between two gaps in a solid. Useful in **space processing**. *1993*

liquid drops

Use drops (liquids)

liquid phase epitaxy

A liquid phase transformation during crystal growth. *1980*

liquid phase sintering

Sintering of a compact, or loose powder aggregate under conditions where a liquid phase is present during part of the sintering cycle. *ASTM(B243,B-9) 1972*

liquid plus solid zones

Use mushy zones

liquid propellant rocket engines

Rocket engines using a propellant or **propellants** in liquid form. *SP-7 1968*

liquid rocket propellants

Specifically, **rocket propellants** in liquid form. Examples of liquid **propellants** include fuels such as alcohol, gasoline, aniline, liquid ammonia, and liquid hydrogen; oxidants such as liquid oxygen, hydrogen peroxide (also applicable as a monopropellant), and nitric acid; **additives** such as water; and monopropellants such as nitromethane. Used for bipropellants and tripropellants. *SP-7 1968*

liquid sloshing

The back and forth movement of a liquid fuel in its tank, creating problems of stability and control in the vehicle. Used for sloshing. *SP-7 1968*

liquid wastes

The liquid counterpart of solid wastes from industrial, chemical, metabolic, and/or mineral sources. *1979*

liquids

Substances in a state in which the individual particles move freely with relation to each other and take the shape of the container, but do not expand to fill the container. *SP-7 1968*

LIRTS (telescope)

A proposed large infrared telescope for Spacelab superseded by the German infrared laboratory. Used for Large Infrared Telescope on Spacelab. *1977*

Lissajous figures

Figures where the path of a particle moving in a plane when the components of its position along two perpendicular axes each undergo simple harmonic motions and the ratio of their frequencies is a rational number. 1982

lithium iodates

Salts of iodic acid containing the 10 to the third power radical. 1977

lithium sulfur batteries

Primary cells for producing electrical energy using lithium metal for one electrode and sulfur for the other. 1977

lithography

The process of printing from a plane surface on which the image to be printed is ink receptive and water repellant and the non-image area is ink repellant and water receptive. ASTM (F 425, F-5) 1968

lithology

Description of the physical character of **rocks** as determined by eye or with a low-power magnifier and based on color, structure, mineralogic components, and grain size. DOE 1968

lithosphere

The solid portion of the Earth, as compared to atmosphere and hydrosphere. AGI 1972

littoral currents

Use coastal currents

littoral drift

Material (such as shingle, gravel, sand, and shell fragments) that is moved along the shore by **coastal currents**. AGI 1973

lixiscopes

Portable light **weight** battery operated low intensity x ray imaging systems with medical, industrial, and scientific applications. Used for Low Intensity X Ray Imaging Scopes. 1981

load carrying capacity

The capacity of a structure to bear loads. 1972

local area networks

Networks, generally microcomputer based, that enable users in the same location to use the same programs and equipment such as printers. Used for LAN (computer networks). 1987

local group (astronomy)

The cluster of galaxies to which our galaxy belongs. It is a poor, irregular cluster with some 20 certain members including the **Milky Way Galaxy**, the Andromeda Galaxy, the Triangulum, four **irregular galaxies**, and about 13 intermediate or dwarf ellipticals. 1984

logarithms

The power to which a fixed number, called the base, usually 10 or e (2.7182818) must be raised to produce the value to which the logarithm corresponds. SP-7 1968

logging (industry)

The business of felling trees, cutting them up into logs and transporting the logs to sawmills or to a place of sale. 1981

logical elements

In computers or data processing systems, the smallest building blocks which can be represented by operators in an appropriate system of symbolic logic. Typical logical elements are the AND gate and flip-flop, which can be represented as operators in a suitable symbolic logic. Used for decision elements. SP-7 1968

long duration space flight

Space flight involving interplanetary and/or interstellar travel. Used for extended duration space flight. 1979

long period variables

Use Mira variables

long range navigation

Use loran

long waves (meteorology)

Use planetary waves

longitude

Angular distance, along a primary great circle, from the adopted reference point; the angle between a reference plane through the polar axis and a second plane through that axis. SP-7 1968

longitudinal waves

Waves in which the direction of **displacement** at each point of the medium is normal to the wave front. SP-7 1968

longshore currents

Use coastal currents

look angles (electronics)

The solid angle in which an instrument operates effectively, generally used to describe radars, optical instruments, and space radiation detectors. 1976

look angles (tracking)

The elevation and **azimuth** at which a particular satellite is predicted to be found at a specified time. 1976

loop antennas

Antennas whose configuration is that of a loop. If the current in the loop, or in the parallel turns of the loop is essentially uniform and the loop circumference is small compared with the wavelength, the radiation pattern approximates that of a magnetic dipole. IEEE 1968

loop transfer recovery

The recovery of the transfer properties of the controller in a feedback control system compensator design. 1993

loran

A two dimensional pulse synchronized **radio navigation** system to determine hyperbolic lines of position through pulse time differencing from a master compared to two slave stations. Used for long range navigation. SP-7 1968

Lorentz force

The **force** affecting a charged particle due to the motion of the particle in a magnetic field. SP-7 1968

lossless materials

Dielectric materials that do not dissipate energy or that do not dampen **oscillations**. 1968

lossy media

A material that dissipates electromagnetic or acoustic energy passing through it. 1981

loudness

The intensive attribute of an auditory sensation, in terms of which sounds may be ordered on a scale extending from soft to loud. Loudness is measured in sones. Loudness depends primarily upon the **sound pressure** of the stimulus, but it also depends upon the frequency and waveform of the stimulus. *SP-7 1968*

Love waves

Surface waves having a horizontal motion that is shear or transverse to the direction of **propagation**. Their **velocity** depends only on density and rigidity and not on **bulk modulus**. They are named after A.E.H. Love, the English mathematician who discovered them. *AGI 1968*

low carbon steels

Iron alloys containing carbon in low percentages that display temper and malleability characteristics not found in ordinary carbon steels. *1980*

low gravity

Use microgravity

Low Intensity X Ray Imaging Scopes

Use lixiscopes

low pass filters

Wave filters having a single **transmission** band extending from zero frequency up to some critical or bounding frequency, not infinite. *SP-7 1968*

low Reynolds number

A **Reynolds number** below the critical Reynolds number of a sphere. *1982*

low vacuum

The condition in a gas filled space at pressures less than 760 torr corresponding approximately to the **vapor pressure** of water at 25 deg. C and to 1 inch of mercury. *SP-7 1968*

lower atmosphere

Generally, and quite loosely, that part of the atmosphere in which most weather phenomena occur (i.e., the **troposphere** and lower stratosphere); hence, used in contrast to the common meaning for the **upper atmosphere**. *SP-7 1968*

Lower Atmospheric Composition Experiment

Use LACATE (experiment)

lower body negative pressure

Application and/or measurement of reduced pressure in the portion of the body below the iliac crests. Used as a simulator or orthostatic stress or as an indicator of cardiovascular deconditioning in a weightless environment. *1979*

LOX-hydrogen engines

Use hydrogen oxygen engines

LQG control

Use linear quadratic Gaussian control

LQR

Use linear quadratic regulator

lubricants

Substances interposed between two surfaces for the purpose of reducing the friction or **wear** between them. *ASTM (G 40, G-2) 1968*

Ludox (trademark)

Composite material utilizing colloidal silica matrixes. *1981*

lumens

Units of luminous **flux** equal to the luminous flux radiated into a unit solid angle (steradian) from a point source having a **luminous intensity** of 1 candela. *SP-7 1968*

luminance

In **photometry**, a measure of the intrinsic **luminous intensity** emitted by a source in a given direction; the **illuminance** produced by light from the source upon a unit surface area oriented normal to the **line of sight** at any distance from the source, divided by the solid angle subtended by the source at the receiving surface. Also called **brightness** but luminance is preferred. *SP-7 1968*

luminescence

Light emission by a process in which kinetic heat energy is not essential for the mechanism of **excitation**. Used for glow and noctilucence. *SP-7 1968*

luminescent intensity

Use luminous intensity

luminous flux density

Use luminous intensity

luminous intensity

Luminous energy per unit time per unit solid angle; the **intensity** (flux per unit solid angle) of visible radiation weighted to take into account the variable response of the human eye as a function of the wavelength of light; usually expressed in candles. Used for light intensity, luminescent intensity, and luminous flux density. *SP-7 1968*

lumped parameter systems

Systems in which the parameters may be considered to represent, for purposes of analysis, a single inductance, **capacitance**, resistance, etc., throughout the frequency range of interest. *1981*

LUNA lunar probes

Use Lunik lunar probes

lunar craters

A depression, usually circular, on the surface of the **moon**, usually with a raised rim called a ringwall. *SP-7 1968*

lunar eclipses

The phenomenon observed when the **moon** enters the shadow of the Earth. *SP-7 1968*

lunar geology

The science that applies geologic principles and techniques to the study of the **moon**, especially its composition and the origin of its surface features. *AGI 1968*

lunar probes

Probes for exploring and reporting on conditions on or about the **Moon**. *SP-7 1968*

lunar scattering

Use diffuse radiation

lunar tides

The parts of **tides** caused solely by the tide producing **force** of the **moon**. *AGI 1968*

Lunik lunar probes

Russian term for a space probe launched to the moon's vicinity or to impact on the Moon. Used for LUNA lunar probes.

SP-7 1968

luster

The appearance characteristic of a specimen due to pronounced changes in intensity of light reflected from elemental areas of the specimen when the angle of illumination or view is changed. Used for dullness.

ASTM (E 284, E-12) 1968

Lyman alpha radiation

The **radiation** emitted by hydrogen at 1216 angstrom, first observed in the solar spectrum by rocket borne spectrographs. Lyman alpha is very important in the heating of the **upper atmosphere** thus affecting other atmospheric phenomena.

SP-7 1968

lysimeters

Instruments for measuring the water percolating through soils and determining the materials dissolved by the water.

1981

M

Mach cones

The cone shaped **shock waves** theoretically emanating from an infinitesimally small particle moving at supersonic speed through a fluid medium. It is the locus of the Mach lines. The cone shaped shock waves generated by a sharp pointed body, as at the nose of a high speed aircraft.

SP-7 1968

Mach number

A number expressing the ratio of the speed of a body or a point on a body with respect to the surrounding air or other fluid, or the speed of a flow, to the speed of sound in the medium; the speed represented by this number. Used for critical Mach number and Glauert coefficient.

SP-7 1968

Mach reflection

The **reflection** of a shock wave from a rigid wall in which the shock strength of the reflected wave and the angle of reflection both have the smaller of the two values theoretically possible.

1977

machine recognition

Use artificial intelligence

machine vision

Use computer vision

macromolecules

Use molecules

Magellan Mission (ESA)

Use Magellan ultraviolet astronomy satellite

Magellan project (NASA)

A Venus exploratory mission to acquire radar imagery and topographic profiles of the planet surface and determine the characteristics of the Venusian gravity field. (This term is used to designate general project reviews, chronologies, and project management and planning.) Used for Venus Radar Mapper Project.

1986

Magellan spacecraft (NASA)

A Venus probe incorporating Voyager and Galileo **hardware** designs equipped with a **synthetic aperture radar** system to acquire surface imagery, altimetric profiles, and surface radiothermal emissivities. Earth-based Doppler radio tracking of the **spacecraft** will be used to derive gravimetric data. (This term designates the spacecraft intrinsic and support hardware, instrumentation acquired data.) Used for Venus Radar Mapper.

1986

Magellan ultraviolet astronomy satellite

This ESA mission will provide high resolution spectra of celestial sources down to sixteenth magnitude over the extreme ultraviolet wavelength range (between 50 and 150 nm). This mission is still in the study phase. Used for Magellan Mission (ESA).

1982

magic tees

Compound waveguides or coaxial tees with four arms which exhibit directional characteristics, when properly matched, so that a signal entering one arm will be split between two of the other arms but not the third. A signal entering another arm is likewise split with half the energy entering one of the arms common to the other input but not its second arm and the other half of the energy entering the arm not used by the other input. Magic tees are used in **radar** as transmitter receiver **duplexers**.

SP-7 1968

magma

Naturally occurring mobile rock materials, generated within the Earth and capable of intrusion and extrusion, from which **igneous rocks** are thought to have been derived by solidification and related processes.

DOE 1968

magnesium cells

Primary cells with the negative **electrodes** made of magnesium or its alloy.

IEEE 1968

magnetic bearings

Any application of the principle in which something capable of **rotation** and translation is held by the use of electromagnetic **force** without touching it. Applications range from small instruments to very large forces.

1982

magnetic compression

The **force** exerted by a magnetic field on an electrically conducting fluid or on a plasma.

1980

magnetic cooling

Keeping a substance cooled to about 0.2 K by using a working substance (paramagnetic salt) in a cycle of processes between a high-temperature reservoir (liquid helium) at 1.2 K and a low temperature reservoir containing the substance to be cooled.

1980

magnetic drums

Memory devices used in computers; rotating cylinders on which information may be stored as magnetically polarized areas, usually along several parallel tracks around the periphery.

SP-7 1969

magnetic equator

That line on the surface of the Earth connecting all points at which the magnetic dip is zero. Used for geomagnetic equator.

SP-7 1968

magnetic field intensity

Use magnetic flux

magnetic field reconnection

A change in topology of the magnetic field configuration resulting from a localized breakdown of the requirement for 'connection' of fluid elements at one time on a common magnetic field line. Alternatively, it occurs when an electric field exists with a component parallel to a locally two-dimensional X-type magnetic neutral line which is equivalent to a breakdown in connection.

1985

magnetic fields

Regions of space wherein magnetic dipoles would experience a magnetic **force** or **torque**; often represented as the geometric array of the imaginary magnetic lines of force that exist in relation to **magnetic poles**. Magnetic fields are also considered to be the regions of influence of magnetized bodies or electric currents.

SP-7 1968

magnetic flux

The magnetic **force** exerted on an imaginary unit magnetic pole placed at any specified point of space. It is a vector quantity. Its direction is taken as the direction toward which a north magnetic pole would tend to move under the influence of the field. If the force is measured in dynes and the unit pole is a cgs unit pole, the field intensity is given in oersteds. Used for magnetic field intensity.

SP-7 1968

magnetic memories

Use magnetic storage

magnetic mirrors

Magnetic fields so arranged that they will theoretically confine a hot plasma.

SP-7 1968

magnetic moments

The quantities obtained by multiplying the distances between two **magnetic poles** by the average strength of the poles. Measures of the **magnetic flux** set up by the gyration of an electric field in a magnetic field. Moments are negative, indicating they are diagrammatic, and equal to the energy of **rotation** divided by the magnetic field. In atomic and nuclear physics, moments, measured in Bohr **magnetrons**, are associated with the intrinsic spin of the particle and with the orbital motion of the particle in a system.

SP-7 1968

magnetic poles

Either of the two places on the surface of the Earth where the magnetic dip is 90 deg., that in the Northern Hemisphere (at, approximately, **latitude** 73 deg. 8 N, **longitude** 101 deg. W in 1955) being designated north magnetic pole, and that in the Southern Hemisphere (at, approximately, latitude, 68 deg. S, longitude 144 deg. E in 1955) being designated south magnetic pole. Either of those two points of a magnet where the magnetic **force** is the greatest. In magnetic theory, a fictitious entity analogous to a unit charge of electrostatic theory. In nature, only **dipoles**, not isolate magnetic poles exist.

SP-7 1968

magnetic storage

In computer terminology, any device which makes use of the magnetic properties of materials for the storage of information. Used for magnetic memories.

SP-7 1968

magnetic storms

Worldwide disturbances of the Earth's magnetic field. Used for geomagnetic storms and magnetic substorms.

SP-7 1968

magnetic substorms

Use magnetic storms

magnetic tapes

Ribbons of paper, metal, or plastic, coated or impregnated with magnetic material on which information may be stored in the form of magnetically polarized areas.

SP-7 1968

magnetic variations

Changes in **magnetic fields** in time or space.

AGI 1968

magnetoelasticity

Use magnetostriction

magnetogasdynamics

Use magnetohydrodynamics

magnetohydrodynamic waves

Low frequency waves in an electrically highly conducting fluid (such as a plasma) permeated by static **magnetic fields**. The restoring forces of the waves are, in general, the combination of a magnetic **tensile stress** along the magnetic field lines and the comprehensive stress between the field lines and the fluid pressure. Used for Alfvén waves, hydromagnetic waves, and plasma sound waves.

IEEE 1968

magnetohydrodynamics

The study of the interaction that exists between a magnetic field and an electrically conducting fluid. Used for geometrical hydromagnetics, hydromagnetics, hydromagnetism, and magnetogasdynamics.

SP-7 1968

magnetoionic plasma

Use plasmas (physics)

magnetomechanics (physics)

Study of the effects which the magnetization of a material and its strain have on each other.

1979

magnetometers

Instruments used in the study of **geomagnetism** for measuring a magnetic element. Used for Gaussmeters.

SP-7 1968

magnetoplasmadynamics

The study of the **dynamics** of generating electricity by passing a beam of ionized gas through a magnetic field.

1980

magnetoplasmas

Use plasmas (physics)

magnetostriction

The phenomenon wherein ferromagnetic materials experience an elastic strain when subjected to an external magnetic field. The converse in which mechanical **stresses** cause a change in the magnetic induction of a ferromagnetic material. Used for magnetoelasticity.

SP-7 1968

magnetovariographs

Use variometers

magnetron sputtering

A deposition method in which a microwave tube is utilized to confine a plasma magnetically to produce high deposition rates and a low working-gas **partial pressure**.

1980

magnetrons

Electron tubes characterized by the interaction of electrons with the electric field of a circuit element in crossed steady electric and **magnetic fields** to produce alternating current power output.

SP-7 1968

magnets

Bodies which produce **magnetic fields** around themselves.

SP-7 1968

magnification

A ratio of the size of an image to its corresponding object. This is usually determined by linear measurement. Used for magnifiers.

ASTM (E 7, E-4; E 175, E-25) 1968

magnifiers

Use magnification

MagSat B satellite

The second in a series of **satellites** for measuring the Earth's magnetic field. Similar magnetic measurements are proposed as part of the **Geopotential Research Mission**.

1980

MagSat satellites

A series of **satellites** used to study the magnetic field.

1979

MagSat 1 satellite

A scientific satellite launched by NASA for surveying the Earth's magnetic field. It was launched in October 1979 and reentered in June 1980.

1979

malfunctions

Improper functioning of components, causing improper operation of a system.

SP-7 1968

man machine systems

Systems in which the functions of the man and the machine are interrelated and necessary for the operation of the system.

SP-7 1968

man powered aircraft

Aircraft powered by human energy.

1981

man tended free flyers

Intermittently manned spacecraft or platforms designed primarily to carry out experiments in reduced gravity and life science research. They also serve as annexes or components of space stations. Used for MTTF (space station).

1989

man-computer interface

The interface between man and the computer and its interrelationships including ergonomic factors. Used for human-computer interface and user-computer interface.

1986

manatees

Large plant eating aquatic mammals living in shallow tropical waters near the **coasts** of North and South America.

1980

manned Mars missions

Any of several options for manned missions to Mars in which **spacecraft** are built for a particular mission. A mission is estimated by around 2020 and may last from one year to three years depending on speed and design.

1987

manometers

Instruments for measuring pressure of gases and **vapors** above and below **atmospheric pressure**. Used for micromanometers and U tubes.

SP-7 1968

mantle (Earth structure)

Use Earth mantle

manures

Materials that fertilize **land**. Refuse of stables and barnyards consisting of mammal and bird excreta with or without litter.

1981

Mapsat

A proposed stereoscopic system for mapping the Earth from space to replace Landsat D as defined by the US Geological Survey.

1982

Marangoni convection

Convective flow induced by surface tension gradients. This is important in both ground and **space processing** where a free surface is present.

1982

Marecs maritime satellites

The European Space Agency's system of two **satellites** provides maritime communications links between ships and coast Earth stations. Originally known as Marots, the system operates with one satellite over the Atlantic Ocean and one over the Pacific Ocean. It was leased to the International Maritime Satellite Organization for five years. Also known as the maritime European communications satellite.

1982

marine biology

The study of marine fauna and flora and related topics.

AGI 1969

marine chemistry

The study of the chemical processes in oceanic environments.

1978

Mariner Mark 2 Spacecraft

A NASA concept of a basic planetary spacecraft for studying the outer planets, **comets**, and **asteroids**. The first of the series will be a comet rendezvous mission to be launched in 1994.

1983

Marisat satellites

A class of maritime commercial communication service satellites designed to provide telephone, telegraph, radio, distress messages and facsimile services to merchant ships, etc.

1978

Marisat 1 satellite

The first commercial maritime communication satellite.

1978

Maritime Communication Satellite (ESA)

Use Marots (ESA)

Maritime Orbital Test Satellite

Use Marots (ESA)

Marots (ESA)

Earlier name for the **Marecs maritime satellites**. Used for Maritime Communication Satellite (ESA) and Maritime Orbital Test Satellite.

1976

Mars craters

Craters from meteoritic impact on the surface of Mars.

1978

Mars volcanoes

Volcanoes on the planet Mars.

1981

Mars 4 Spacecraft

One of a series of Soviet unmanned spacecraft designed for Mars exploration.

1976

marshes

Use marshlands

marshlands

Transitional land-water areas, covered at least part of the time by estuarine or coastal waters and characterized by aquatic and grasslike vegetation. Used for bogs, coastal marshlands, marshes, and swamps.

DOE 1971

martensitic transformation

A phase transformation occurring in some metals and resulting in formation of martensite. 1976

martingales

In **game theory**, a procedure for recouping one's losses in previous wagers by doubling or otherwise increasing the amount bet. 1979

mascons

Large scale, high density lunar mass concentrations below ringed mare. AGI 1969

mass drivers

Electromagnetic devices for the linear acceleration of projectiles or **payloads**. Applications include orbital insertion and transfer, propulsion systems, and hypervelocity accelerators. 1978

mass ratios

The ratios of the mass of the propellant charge of a rocket to the total mass of the rocket when charged with the propellant. SP-7 1968

mass spectrometers

Instruments that are capable of separating ionized **molecules** of different mass to charge ratio and measuring the respective ion currents. Used for ion spectrometers and retarding ion mass spectrometers. ASTM (E 425, E-7) 1968

mass to light ratios

The ratio of the mass of celestial body to its luminosity. 1981

massifs

Massive topographic and structural features, especially in orogenic belts, commonly formed of **rocks** more rigid than those of their surroundings. These rocks may be protruding bodies of basement rocks, consolidated during earlier orogenies, or younger plutonic bodies. AGI 1975

materials recovery

The treatment of a material to reclaim one or more of its components. 1968

matrix management

An organized approach to administration of a program by defining and structuring all elements to form a single system with components united by interaction. 1980

matrix materials

The ingredients used as binding agents to produce **composite materials**. 1980

matter-antimatter propulsion

Spacecraft propulsion by use of matter-antimatter annihilation reactions. 1988

maximum entropy method

Procedure used in **estimating** high resolution power spectra from short data lengths. 1980

maximum usable frequency

For a given distance from a transmitter, the highest frequency at which **sky waves** can be received. SP-7 1968

maypole antennas

A class of **antennas** which use the deployable reflector concept for large space systems applications. 1981

MBM junctions

Diode devices using metal-barrier-metal layers. Used for metal-barrier-metal junctions. 1981

mean free path

Of any particle, the average distance that a particle travels between successive collisions with the other particles of an ensemble. Specifically, the average distance traveled by the **molecules** of a perfect gas between consecutive collisions with one another. For any process the reciprocal of the cross section per unit volume for that process. SP-7 1968

mean square values

In statistics, values representing the average of the sum of the squares of the deviations from the mean value. 1980

meanders

Freely developing sinuous curves, bends, loops, turns, or windings in the courses of streams. They are produced by mature streams swinging from side to side as they **flow** across **flood plains** or shift course laterally toward the convex side of an original curve. AGI 1973

mechanoreceptors

Nerve endings that react to mechanical stimuli, such as touch, tension, and acceleration. SP-7 1968

Meissner effect

Use superconductivity

melt spinning

A material process by which polymers such as nylon and **polyesters** and glass are melted to permit extrusion into fibers through spinnerets. 1980

melts (crystal growth)

Molten substances from which crystals are formed during the cooling or solidifying process. 1977

membrane analogy

Use membrane structures

membrane structures

Shell structures, often pressurized, that do not take wall bending or compression loads. Used for membrane analogy. SP-7 1968

memory (computers)

The component of a computer, control system, guidance system, instrumented satellite, or the like, designed to provide ready access to data or instructions previously recorded so as to make them bear upon an immediate problem, such as the guidance of a physical object, or the analysis and reduction of data. SP-7 1983

Mercator projection

An equatorial, cylindrical, conformal map projection derived by mathematical analysis (not geometrically) in which the equator is represented by a straight line true to scale. The meridians are represented by parallel straight lines perpendicular to the equator and equally spaced according to their distance apart at the equator. The parallels are represented by straight lines perpendicular to the meridians and parallel with (and the same length as) the equator. The parallels are spaced so as to achieve conformality, their spacing increasing rapidly with their distance from the equator so that at all places the degrees of latitude and longitude have the same ratio to each other as to the sphere itself. This results in greater distortion of distances, areas, and shapes in the polar regions (above 80 deg. latitude). The scale is increasingly poleward as the secant of the latitude. Because any line of constant direction (azimuth) on the sphere is truly represented on the projection by a straight line, the Mercator projection is of great value in navigation. It is used for hydrographic charts, and also to show geographic variations of some physical property (such as magnetic declination) or to plot trajectories of Earth satellites in oblique orbits. It is named after Gerhardus Mercator (1512-1594), a Flemish mathematician and geographer, whose world map of 1569 used this projection. *AGI 1968*

mercury cadmium tellurides

Compounds of tellurium exhibiting photovoltaic characteristics and used for **photodiodes** and photodetectors in the 3 to 12 micrometer **wavelengths** at cryogenic temperatures. Used for cadmium mercury tellurides. *1980*

mercury ion engines

Machines providing **thrust** by expelling accelerated or high **velocity** mercury ions and often using energy provided by **nuclear reactors**. *1977*

Mercury surface

The surface of the planet Mercury. *1987*

mesas

Isolated, nearly level landmasses standing distinctly above the surrounding country, bounded by abrupt or steeply sloping **erosion** scarps on all sides, and capped by layers of resistant, nearly horizontal rock (often **lava**). Less strictly, very broad, flat topped, usually isolated hills or mountains of moderate height bounded on at least one side by a steep cliff or slope and representing an erosion remnant. Mesas are similar to, but have more summit area than buttes and are common topographical features in arid and semiarid regions of the United States. Mesas are often considered broad terraces or comparatively flat **plateaus** along river valleys. They are marked by an abrupt slope or escarpment on one side. *AGI 1975*

mesons

In the classification of subatomic particles by mass, the second lightest of such particles. Their mass is intermediate between that of the lepton and the nucleon. *SP-7 1968*

mesopause

The base of the inversion at the top of the **mesosphere**, usually found at 80 to 85 kilometers. *SP-7 1968*

mesoscale phenomena

Meteorological phenomena extending approximately one to a hundred kilometers (mesoscale cloud patterns, for example). *1979*

mesosphere

The atmospheric shell, in which temperature generally decreases with heights, extending from the stratopause at about 50 to 55 kilometers to the **mesopause** at about 80 to 85 kilometers. *SP-7 1968*

Mesozoic Era

An era of geologic time, from the end of the **Paleozoic Era** to the beginning of the **Cenozoic Era**, or from about 225 to about 65 million years ago. *AGI 1990*

message processing

In communication operations, the acceptance, preparation for **transmission**, receipt and/or delivery of a series of words or symbols intended for conveying information. *1980*

metabolites

Products of biological synthesis and/or metabolism. *1980*

metal corrosion

Use corrosion

metal foams

Foamed materials formed under low gravity conditions in space from sputtered metal deposits. This experimental **space processing** was completed in the second NASA SPAR flight. *1978*

metal vapor lasers

Stimulated emission devices, the active materials of which are vaporized metals. *1977*

metal-barrier-metal junctions

Use MBM junctions

metal-insulator-metal diodes

Use MIM diodes

metal-nitride-oxide-semiconductors

Class of semiconductors utilizing silicon nitride and silicon oxide **dielectrics**. *1979*

metal-semiconductor-metal semiconductors

Use MSM (semiconductors)

metallic glasses

Amorphous **alloys** (glassy metals) produced by extremely rapid quenching of molten transition-metal alloys (e.g., iron, nickel, and/or cobalt). These metallic glasses exhibit unique mechanical, magnetic, and electrical properties, superconductive behavior, and anticorrosion resistance, depending on the alloys, their formation and quenching techniques. *1978*

metallicity

The abundance index of a metal or metals for a celestial body. *1983*

metamorphic rocks

Rocks derived from pre-existing rocks by mineralogical, chemical and/or structural changes, essentially in the solid state. These changes are in response to marked changes in temperature, pressure, shearing stress, and chemical environment, generally at the depth of the Earth's crust. Metamorphic rocks constitute one of the three main classes into which rocks are divided, the others being **igneous rocks** and **sedimentary rocks**. *AGI 1969*

metamorphism (geology)

The mineralogical and structural adjustment of solid **rocks** to physical and chemical conditions which have been imposed at depth below the surface zones of **weathering** and cementation, which differ from the conditions under which the rocks in question originated. *DOE 1968*

meteor bursts

Use meteoroid showers

meteor trails

Anything, such as light or **ionization**, left along the trajectory of the meteor after the head of the meteor has passed. Used for meteoritic ionization. *SP-7 1968*

meteorite compression tests

Use meteorites

meteorites

Meteoroids which have reached the surface of the Earth without being completely vaporized. Used for meteorite compression tests. *SP-7 1968*

meteoritic ionization

Use meteor trails

meteoroid showers

Groups of **meteoroids** with approximately parallel **trajectories**. Used for meteor bursts. *SP-7 1968*

Meteoroid Technology Satellite

Use Explorer 46 satellite

meteoroids

Solid objects moving in interplanetary space, of a size considerably smaller than **asteroids** and considerably larger than atoms or **molecules**. Used for meteors. *SP-7 1968*

meteorological rockets

Use sounding rockets

meteorology

The study dealing with the phenomena of the atmosphere. This includes not only the physics, chemistry, and **dynamics** of the atmosphere, but is extended to include many of the direct effects of the atmosphere upon the Earth's surface, the **oceans**, and life in general. A distinction can be drawn between meteorology and climatology, the latter being primarily concerned with average not actual weather conditions. Used for atmospheric conditions. *SP-7 1968*

meteors

Use meteoroids

methanation

The conversion of various organic compounds to produce methane. *1980*

method of moments

A method of **estimating** the parameters of a distribution by relating the parameters to moments. *1981*

metric conversion

Use metrication

metric photography

The recording of events by means of photography (either singly or sequentially), together with appropriate metric **coordinates** to form the basis for accurate measurements. *SP-7 1971*

metric system

Use International System of Units

metrication

The conversion on an industry and/or nationwide basis of English units of measurement into the **International System of Units**, including engineering and manufacturing **standards**, tools and instruments, and all affected areas in the government and private sectors. Used for metric conversion. *1977*

metrology

The science of dimensional measurement; sometimes includes the science of weighing. *SP-7 1968*

microballoons

Very small glass spheres (50 to 100 micrometers in diameter) used as targets in the laser fusion programs. *1980*

microcalorimeters

Use calorimeters

microchannel plates

An array of microchannels formed into plates and contained in a photomultiplier tube. Used for multichannel plates. *1980*

microcomputers

Complete **digital computers** utilizing a microprocessor consisting of one or more integrated circuit chips as the central arithmetic and logic unit, and added chips to provide timing, program memory, random access memory **interfaces** for input and **output** signals and other functions. Some microcomputers consist of a single integrated-circuit chip. *1978*

microdensitometers

Image analysis devices for resolving gray-level differences within or between features and for integrating the optical density across scanned images of irregularly shaped objects. *ASTM (D 3849, D-24) 1968*

microgravity

A condition in which the acceleration acting on a body is less than normal gravity, between 0 and 1 g. Used for low gravity, reduced gravity, and subgravity. *SP-7 1968*

micromachining

Performing various microscopic scale cutting or grinding operations on a piece of work. *1993*

micromanometers

Use manometers

micromechanics

The study of the constraints, the grain size, and their interrelationship in materials. *1984*

micrometeorites

Very small **meteorites** or meteoritic particles with a diameter in general less than a millimeter. *SP-7 1972*

microphones

Electroacoustic transducers which receive acoustic signals and deliver corresponding electric signals. *SP-7 1968*

microphotometers

Use photometers

microscopes

Optical instruments capable of producing a magnified image of a small object. *ASTM (E 175, E-25) 1968*

microscopy

The science of the interpretive use and applications of **microscopes**.
ASTM (E 175, E-25) 1968

microstrip antennas

Antennas which consist of thin metallic **conductors** bonded to thin grounded dielectric substrates. The metallic conductors generally have some regular shape, for example, rectangular, circular, or elliptical. Feeding is often by means of a coaxial probe or a microstrip transmission line.
IEEE 1973

microwave absorption

The absorption of **electromagnetic radiation** in the microwave frequency range.
1972

microwave landing systems

Airfield approach radars generating guidelines for target landings.
IEEE 1974

microwave radiation

Use microwaves

microwave scanning beam landing system

Primary position sensor of Space Shuttle orbiter's **navigation** system during the autoland phase of the flight. Used for MSBLS.
1977

microwaves

Of, or pertaining to, **radiation** in the microwave region. Used for microwave radiation.
SP-7 1968

microyield strength

Stress at which a microstructure (single crystal, for example) exhibits a specified **deviation** in its stress-strain relationship.
1977

mid-ocean ridges

Continuous, seismic, median mountain ranges extending through the North and South Atlantic **Oceans**, the Indian Ocean and the South Pacific Ocean. They are broad fractured swells with a central rift valley and usually rugged topography. They are 1-3 km in elevation, about 1500 km in width, and over 84,000 km in **length**. According to the hypothesis of **sea floor spreading**, the mid-ocean ridges are the source of crustal material.
AGI 1973

mid-oceanic ridges

Use mid-ocean ridges

midaltitude

The average of many measurements of altitudes as with satellite instruments for the compiling of planetary maps.
1980

middle atmosphere

The portion of the Earth's atmosphere extending from the **troposphere** to 100 kilometers.
1980

Mie scattering

Any **scattering** produced by spherical particles without special regard to comparative size of **radiation** wavelength and particle diameter. Used for Mie theory.
SP-7 1968

Mie theory

Use Mie scattering

MIG aircraft

Any of a series of Soviet fighter aircraft, fighter-bombers, interceptors, and air supremacy aircraft, designed by Mikoyan.
1977

Milky Way Galaxy

The galaxy to which the **sun** belongs.
SP-7 1968

MIM diodes

Junction diodes each consisting of an insulating layer sandwiched between two metallic surface layers and exhibiting a negative differential resistance in its V-1 characteristics conceivably because of stimulated inelastic tunneling of electrons. Used for metal-insulator-metal diodes.
1980

Mimas

A satellite of Saturn orbiting at a mean distance of 186,000 kilometers.
SP-7 1969

MIMD (computers)

A type of parallel processor that is essentially two or more individual computers with facilities for interaction and work sharing. Used for multiple instruction multiple data stream.
1987

minerals

Naturally occurring inorganic elements or compounds having an orderly internal structure and characteristic chemical compositions, crystal forms, and physical properties.
AGI 1968

minimal surfaces

Surfaces for which the first variation of the area integral vanish.
1982

minimization

Use optimization

minimum entropy method

Application of **entropy** in statistical mechanics.
1980

minitrack optical tracking system

Use minitrack system

minitrack system

A satellite tracking system consisting of a field of separate **antennas** and associated receiving equipment interconnected so as to form **interferometers** which track a transmitting beacon in the payload itself. Used for minitrack optical tracking system and MOTS (tracking system).
SP-7 1968

Minor Planet 1221

Use Amor asteroid

Minor Planet 2060

Use Chiron

minor planets

Use asteroids

Mir space station

The Soviet space station launched February 20, 1986; its name means peace or world in Russian. It is a manned, modular, permanent, and multi-mission station.
1987

Mira variables

Long-period (80 to over 600 days) variable stars of red giant or red supergiant type, exemplified by the star Mira Ceti. Used for long period variables.
1987

Mirage aircraft

Collective term for a class of French attack aircraft.
1980

Miranda

A satellite of Uranus orbiting at a mean distance of 124,000 kilometers.
SP-7 1973

Miranda satellite

This United Kingdom satellite was launched in 1974 into a **sun** synchronous, low Earth orbit. Prime objective of the mission was to experiment with satellite attitude control. It ceased to operate the same year it was launched. 1979

mirror fusion

An open-ended configuration which traps low beta plasmas. It is realized by associating two identical **magnetic mirrors** having the same axis. 1981

mismatch (electrical)

Condition in which the **impedance** of a source does not match or equal the impedance of the connected load or transmission line. 1976

missiles

Any objects thrown, dropped, fired, launched, or otherwise projected with the purpose of striking a target. SP-7 1968

missing mass (astrophysics)

A problem related to a cluster of **galaxies** in which the mass derived from the dynamical stability of its member galaxies, the dynamical mass, is substantially larger than the mass estimated by the mass-to-luminosity ratio of the visible parts of the galaxies, the visible mass. 1985

mist

Liquid, usually water in the form of particles suspended in the atmosphere at or near the surface of the Earth; small water droplets floating or falling, approaching the form of rain, and sometimes distinguished from **fog** as being more transparent or as having particles perceptibly moving downward. ASTM (D 1356, D-22) 1968

MIUS

Use Modular Integrated Utility System

mixed oxides

Mixture of oxides, particularly of radioactive metals. 1980

mixing depth

Use mixing height

mixing height

The heights of the layer through which the atmosphere is well mixed. The height will vary with diurnal, seasonal, and regional variations. Used for mixing depth. 1983

mixing layers (fluids)

Fluid layers in which multicomponent mixing occurs. 1988

MLA

Use multispectral linear arrays

MMS

Use multimission modular spacecraft

mobile communication systems

Any configuration of mobile or transportable voice and data communication equipment which allows for communication between combinations of mobile/fixed points with or without the aid of **satellites**. 1982

mode coupling

Use coupled modes

mode of vibration

Use vibration mode

model reference adaptive control

This deals with three parameters: an ideal adaptive control system whose response is agreed to be optimum; computer simulation in which both the model system and the actual system are subjected to the same stimulus; and parameters of the actual system which are adjusted to minimize the difference in the outputs of the model and the actual system. Used for MRAC (systems). 1986

moderators

Materials that have a high cross section for slowing down **fast neutrons** with a minimum of **absorption**, e.g., **heavy water**, beryllium, used in **reactor cores**. SP-7 1968

MODFETS

Heterojunction field effect transistor device structures in which only the larger (Al, Ga)As bandgap is doped with donors while the GaAs layer is left undoped. This results in high electron mobilities due to spatially separated electrons and donors. Used for modulation doped FETs. 1987

Modular Integrated Utility System

A joint NASA-HUD concept incorporating various utilities -- electric power plant, water supply, heating and air conditioning, sewage treatment, and waste disposal into a single system having increased efficiency and economy. Use for MIUS. 1976

modulation

The variation in the value of some parameter characterizing a periodic oscillation. Specifically, variation of some characteristic of a radio wave, called the carrier wave, in accordance with instantaneous values of another wave, called the modulating wave. Used for carrier modulation. SP-7 1968

modulation doped fets

Use MODFETS

modulation doping

The process of doping only the larger bandgap of a heterojunction device with donors, while the other layer is left undoped. Since the electrons and donors are spatially separated, ionized impurity **scattering** is avoided and extremely high electron mobilities are obtained. 1987

modulators

Devices to effect the process of **modulation**. SP-7 1968

modulus of elasticity

The ratio of stress (nominal) to corresponding strain below the proportional limit of a material. It is expressed in **force** per unit area. Used for compliance (elasticity), elastic modulus, and Young modulus. ASTM (D 695, D-20) 1968

Moire fringes

The bands which appear in the Moire effect. 1981

Moire interferometry

The use of intersecting families of curves as instruments for making precise measurement, the study of indices of refractions, etc. by utilizing the interference patterns. 1980

molecular beam epitaxy

Ultrahigh vacuum technique for growing very thin epitaxial layers of semiconductor crystals. 1980

molecular clouds

Thickest and densest interstellar clouds consisting mainly of molecular hydrogen but also a high **concentration** of dust grains. 1980

molecular dissociation

Use dissociation

molecular flow

The flow of gas through a duct under conditions such that the **mean free path** is greater than the largest dimension of a transverse section of the duct. *SP-7 1968*

molecular shields

Furlable devices used in space vacuum research to permit deployment and retrieval of instruments and the performance of experiments without contamination. *1979*

molecular weight

The **weight** of a given molecule expressed in atomic weight units. *SP-7 1968*

molecules

Aggregates of two or more atoms of a substance that exists as a unit. Used for macromolecules. *SP-7 1968*

Moliere formula

Use secondary cosmic rays

molten salts

High temperature inorganic salt or mixtures of salts used for thermal energy storage, **heat exchangers**, high power electric batteries, **heat treatment of alloys**, etc. *1978*

momentum

Quantity of motion. *SP-7 1968*

momentum energy

Use kinetic energy

monolithic circuits

Use integrated circuits

monomers

Low molecular weight substances consisting of **molecules** capable of reacting with like or unlike molecules to form a polymer. *ASTM (D 1566, D-11) 1968*

monotectic alloys

Metallic **composite materials** having a dispersed phase of solidification products distributed within a matrix. The dispersed components can be selected to provide characteristics such as **superconductivity** or lubricity. *1980*

moon

The natural satellite of the Earth. *SP-7 1968*

moraines

Use glacial drift

MOS (Japanese spacecraft)

Use Japanese spacecraft

motion equations

Use equations of motion

motion sickness

The syndrome of pallor, sweating, **nausea**, and vomiting which is induced by unusual acceleration. Used for air sickness. *SP-7 1968*

motion simulation

Replication of exact motion or replication of part of a motion to provide the sensation of the motion. *1982*

motor vehicles

Automotive vehicles that do not run on rails, generally having **rubber tires**. *1976*

motors

Machines supplied with external energy which is converted into **force** and/or motion. *1968*

MOTS (tracking system)

Use minitrack system

moving target indicators

Radar devices that employ a technique that enhances the detection and display of moving **radar targets** by suppressing fixed targets. Doppler processing is one method of implementation. Used for MTI indicators. *IEEE 1968*

MRAC (systems)

Use model reference adaptive control

MS DOS (operating system)

Use disk operating system (DOS)

MSAT

A joint Canada/United States mobile satellite system which is being developed with a voice and data communication link between mobile units and the switched telephone network or between mobile units and other mobile units via satellite. Each country will have a satellite capable of mutual backup. Launch date is planned for 1994. *1981*

MSBLS

Use microwave scanning beam landing system

MSM (semiconductors)

Semiconductor devices consisting of a semiconductor layer sandwiched between two layers of metal. Used for metal-semiconductor-metal semiconductors. *1986*

MTFF (space station)

Use man tended free flyers

MTI radar

Use moving target indicators

multi-anode microchannel arrays

A family of photoelectric, photon counting array **detectors** being developed for use in instruments on both ground based and spaceborne telescopes. *1982*

multibeam antennas

Antennas that have the ability to form more than one beam from a single radiating aperture. *1982*

multichannel plates

Use microchannel plates

multilayer structures

Use laminates

multimission modular spacecraft

Future **spacecraft** to be operated in conjunction with the Space Shuttle orbiter vehicle and serviced by its module exchange mechanism. Used for MMS. *1977*

multipath transmission

The process, or condition, in which radiation travels between source and receiver via more than one path. Since there can be only

one direct path, some process of **reflection**, **refraction** or **scattering** must be involved. *SP-7 1968*

multiphoton absorption

Ionization and **dissociation** of a molecule under the action of powerful laser radiation. Laser-flux dependent light intensities emitted by different excited states of the molecule indicate the various absorption processes. *1980*

multiple access

The allocation of communication system resources (output) among multiple users by means of power, bandwidth, and power assignment singly or in combination. *1979*

multiple instruction multiple data stream

Use MIMD (computers)

multiple target tracking

The process of following movements of several targets simultaneously. *1974*

multiplex transmission

Use multiplexing

multiplexers

Use multiplexing

multiplexing

The simultaneous **transmission** of two or more signals within a single channel. The three basic methods of multiplexing involve the separation of signals by time division, frequency division, and phase division. Used for multiplex transmission and multiplexers. *SP-7 1968*

multiplier phototubes

Use photomultiplier tubes

multipliers

Devices which have two or more inputs and whose **output** is a representation of the product of the quantities represented by the input signals. *SP-7 1968*

multipropellants

Use rocket propellants

multiradar tracking

Use radar networks

multispectral linear arrays

Large number of interconnected solid state detectors in a pushbroom mode wherein the forward motion of the vehicle (spacecraft) sweeps the assembly of detectors which are oriented perpendicular to the ground track. Used for MLA. *1980*

multispectral resource sampler

An experimental **remote sensing** instrument for **satellites** to measure both **intensity** and **polarization** at several **wavelengths**. The first one was launched in the late 1980s. *1981*

multistage rocket vehicles

Vehicles having two or more rocket units, each unit firing after the one in back of it has exhausted its propellant. Normally, each unit, or stage, is jettisoned after completing its firing. *SP-7 1968*

multistatic radar

System in which successive lobes of the antenna are sequentially engaged to provide a tracking capability without physical movement of the antenna. Used for bistatic radar. *1979*

multitemporal analysis

Use temporal resolution

multivibrators

Two-stage regenerative **circuits** with two possible states and an abrupt transition characteristic. *SP-7 1968*

muon spin rotation

Particle spin **depolarization** caused by **sensitivity** of muon spin to the presence of defects in certain metals. *1981*

muscovite

An important mineral of the mica group. *DOE 1968*

mushy zones

Regions of liquid plus solid phases in **alloys** that solidify over a range of temperatures. Used for liquid plus solid zones. *1983*

mutagens

Agents that raise the frequency of mutations above the spontaneous rate. *1981*

MX missile

United States strategic intercontinental ballistic missile. *1979*

Mystere 50 aircraft

A tri-engine business jet aircraft (Dassault). Used for Dassault Mystere 50 aircraft. *1980*

N

naked singularities

Singularities in spacetime that will be visible and communicable to the outside world, i.e., singularities that are not shielded by an **event horizon** from **infinity**. *1981*

nakhlites

Achondritic stony meteorites consisting of a holocrystalline aggregate of diopside (75 percent) and olivine. *AGI 1972*

nap-of-the-earth navigation

Low altitude flight of helicopters during night or day utilizing electronic means for detection and **recognition** of landmarks and targets. Used for NOE navigation. *1980*

nappes

Use folds (geology)

narrowband

A description of frequency measurement whose frequency band of energy is smaller relative to the rest of the band. *1984*

National Oceanic Satellite System

Joint NASA (Goddard)-DOD venture. *1980*

National Operational Environmental Sat Sys

Use NOESS

national parks

Areas of scenic beauty or historical importance preserved and maintained by a national government for the enjoyment of the public. *1980*

natural frequencies

Use resonant frequencies

natural gas exploration

Searching the geological features to identify locations for stimulating wells for recovery of natural gas. 1980

natural language (computers)

A computer language whose rules reflect and describe current rather than prescribed usage. The language is often loose and ambiguous in interpretation. 1977

natural lasers

Use lasers

nausea

A feeling of discomfort in the region of the stomach, with aversion to food and a tendency to vomit. SP-7 1968

nautical charts

Charts and maps of **oceans**, **coasts** and **harbors** now compiled from satellite data for **precision** and correction of local errors. 1980

Navier-Stokes equation

The equation of motion for a viscous fluid. SP-7 1968

navigation

The practice or art of directing the movement of a craft from one point to another. Navigation usually implies the presence of a human, a navigator, aboard the craft. SP-7 1968

navigation technology satellites

Class of navigation satellites utilizing the **global positioning system** as well as a precise frequency and timing system. Used for NTS. 1979

negative feedback

Feedback which results in decreasing the amplification. Used for degenerative feedback. SP-7 1968

negative ions

Ions singly or in groups which acquire negative charges by gaining one or more electrons. 1978

negative matter

A hypothetical form of matter whose active-gravitational, passive-gravitational, inertial, and rest mass are opposite in sign to normal, positive matter. Negative matter is not antimatter. 1988

negatrons

Negative electrons. Sometimes shortened to negatons. SP-7 1968

nephelometers

General name for instruments which measure, at more than one angle, the scattering function of particles suspended in a medium. Instruments for chemical analysis by measuring the light scattering properties of a suspension. SP-7 1968

Neptune atmosphere

The atmosphere of the planet Neptune which is primarily composed of hydrogen and methane. 1979

network control

The management of acquisition, routing, and switching primarily in **satellite communication**. 1981

neurology

The study of the anatomy, **physiology**, and pathology of the nervous system. Used for neuroscience. SP-7 1968

neuroscience

Use neurology

neurotransmitters

Chemical substances secreted by the terminal ends of axons, which stimulate a muscle fiber contraction or an impulse in other neurons. 1980

neutral atoms

Atoms in which the number of electrons surrounding the nucleus equals the number of **protons** in the nucleus resulting in no net electric charge. 1979

neutral currents

Weak interaction currents that carry zero electric charge. 1981

neutral gases

In **astronomy**, gas clouds of some nebulae which have not been ionized by hot stars. 1977

neutrino beams

Organized collections of **neutrinos** traveling outward from the source. 1981

neutrinos

Subatomic particles of zero, or near zero, rest mass, having no electric charge, postulated by Fermi (1934) in order to explain apparent contradictions to the law of conservation of energy in beta particle emission. SP-7 1968

neutron flux

Use flux (rate)

neutron flux density

A measure of the intensity of neutron radiation within a given range of neutron energies; the product of the neutron density and **velocity**, measured in **neutrons** per square meter-second or neutrons per square centimeter-second.

ASTM (E 185, E-10) 1968

neutron radiography

Nondestructive testing and **inspection** utilizing neutron beams from **nuclear reactors**, **particle accelerators**, and/or radioisotopes. Imagery displaying structural defects utilizes neutron image recorders or screens. 1979

neutrons

Subatomic particles with no electric charge, and with a mass of 1.67482 times 10 to the minus 24 gram. SP-7 1968

newton

The unit of **force** in the SI system; that force which gives to a mass of 1 kilogram an acceleration of 1 meter per second squared. SP-7 1969

nickel cadmium batteries

Alkaline storage batteries in which the positive active material is nickel oxide and the negative contains cadmium. IEEE 1968

nickel iron batteries

Alkaline-type electric cells using potassium hydroxide as the electrolyte and **anodes** of steel wool substrate with active iron material and **cathodes** of nickel plated steel wool substrate with active nickel material. 1980

nickel steels

Steels containing nickel as a main alloying element. DOE 1968

Nimbus 7 satellite

One in a series of meteorological satellites. 1980

nitinol alloys

Shape memory alloys of titanium and nickel. DOE 1972

nitrogen lasers

Stimulated emission devices in which the nitrogen molecule is the lasing medium. 1979

NOAA 5 satellite

One of a series of environmental **satellites** launched by NASA for the National Oceanic and Atmospheric Administration for the sensing and recording of atmospheric, hydrological, and oceanographic environmental data. 1978

NOAA 6 satellite

Designation for a NOAA meteorological satellite conforming to the TIROS N configuration. 1980

NOAA 7 satellite

Designation for the seventh NOAA meteorological satellite conforming to the TIROS N configuration. 1981

NOAA 4 satellite

One of a series of meteorological satellites launched by NASA for the National Oceanic and Atmospheric Administration. 1976

noble gases

Use rare gases

noctiluence

Use luminescence

noctilucent clouds

Clouds of unknown composition which occur at great heights, 75 to 90 kilometers. They resemble thin cirrus clouds, but usually with a bluish or silverish color, although sometimes orange to red, standing out against a dark night sky. Sometimes called luminous clouds. SP-7 1968

nodes (standing waves)

Points, lines, or surfaces in **standing waves** where some characteristic of the wave field has essentially zero amplitude. SP-7 1968

NOE navigation

Use nap-of-the-earth navigation

NOESS

The acronym for the National Operational Environmental Satellite System. This term is no longer in use. Used for National Operational Environmental Sat Sys. 1980

noise pollution

Objectional or harmful levels of noise. DOE 1971

noise prediction

Estimation of **intensity** and **frequencies** based on analyses of probable oscillation of **vibration** producing components. 1980

noise prediction (aircraft)

Estimating or forecasting of aircraft noise. Used for aircraft noise prediction. 1979

nomograms

Use nomographs

nomographs

On charts or graphs, lines of constant value of given quantities with respect to either space or time. Used for isopleths and nomograms. SP-7 1968

nonadiabatic conditions

In **thermodynamics**, changes in volume, temperature, **flow**, etc., accompanied by a transfer of heat. 1976

nonadiabatic processes

Use heat transfer

nonisothermal processes

In **thermodynamics**, compression or expansion of substances at nonuniform temperatures. 1976

nonisotropy

Use anisotropy

nonlinear optics

Study of the interaction of **radiation** with matter in which certain variables describing the response of the matter are not proportional to variables describing the radiation. DOE 1972

nonNewtonian flow

The rate of **flow** of a material that is not proportional to the degree of **force** applied. ASTM (D 2849, D-20) 1968

nonNewtonian fluids

Fluids that exhibit a **viscosity** which varies with changing **shear stress** or shear rate. ASTM (D 3829, D-2) 1968

nonpoint sources

Undetermined or general areas from which pollutants, contaminants, and/or other unwanted materials or wastes enter the environment. 1980

noon

The instant at which a time reference is over the upper branch of the reference meridian. SP-7 1968

North Polar Spur (astronomy)

One of the largest sources of diffuse radio emission outside the galactic plane. The Spur, a ridge of enhanced emission, may be the remnant of the shells of supernovae which exploded over 100,000 years ago. 1978

northern sky

That part of the sky visible from the northern hemisphere. 1981

nose caps

Use nose cones

nose cones

The cone shaped leading ends of **rocket vehicles**, consisting (a) of chambers in which **satellites**, instruments, animals, plants, or auxiliary equipment may be carried, and (b) of outer surfaces built to withstand high temperatures generated by **aerodynamic heating**. Used for nose caps. SP-7 1968

nose tips

The foremost, sharp points of bombs, rockets, **missiles**, and other symmetrical bodies. 1979

Nova computers

A series of minicomputers built by Data General. 1984

Nova Laser System

Laser fusion system utilizing large neodymium **glass lasers** for irradiating DT pellets. 1980

Nova satellites

A second generation Navy navigation satellite which replaces the transit satellites. 1981

nowcasting

A self contained short period meteorological forecast for the immediate future covering a period of up to six hours. 1982

nozzle efficiency

The efficiency with which a nozzle converts **potential energy** into **kinetic energy**, commonly expressed as the ratio of the actual change in kinetic energy to the ideal change at the given **pressure ratio**. SP-7 1968

NTS

Use navigation technology satellites

nuclear devices

Devices whose explosive potency is derived from nuclear fission of atoms of fissionable material with the consequent conversion of part of their mass into energy. 1977

nuclear emulsions

Very thick **photographic emulsions** used in the study of **cosmic rays** and other **energetic particles**. The paths of the particles through the thick **emulsions** are recorded in three dimensions. SP-7 1968

nuclear fuel reprocessing

Periodic chemical, physical, and metallurgical treatment of materials used as fuel elements in nuclear reactors to recover and purify residual fissionable and fertile materials. 1977

nuclear fuels

Fissionable materials of reasonable long life, used or usable in producing energy in a nuclear reactor. Used for reactor fuels. SP-7 1968

nuclear medicine

That branch of medicine dealing with the effect of **radiation** such as **x rays**, **gamma rays**, and **energetic particles** on the body and with the prevention and cure of physiological injuries resulting from such radiation. Used for radiation medicine. SP-7 1968

nuclear pumped lasers

Lasers in which the **excitation** is supplied by a nuclear reactor as a high **flux** source or by the **kinetic energy** of the **fission** fragments only. 1977

nuclear pumping

Laser-like pumping produced by electrons generated in nuclear reactions or, in general, by beams of charged particles. DOE 1976

nuclear radiation

Corpuscular emissions, such as alpha and beta particles, or **electromagnetic radiation**, such as **gamma rays**, originating in the nucleus of the atom. SP-7 1968

nuclear reactors

Apparatus in which nuclear fission may be sustained in a self supporting chain reaction. SP-7 1968

nuclear rocket engines

Rocket engines in which **nuclear reactors** are used as power sources or as sources of thermal energy. Used for thermionic reactors. SP-7 1968

nuclear vulnerability

The resistance of structures or materials to **nuclear radiation** or **explosions**. 1977

nuclei (nuclear physics)

The positively charged cores of atoms with which are associated practically the whole mass of each atom but only a minute part of its volume. SP-7 1968

nucleons

In the classification of subatomic particles according to mass, the second heaviest type of particles; their mass is intermediate between that of the meson and the hyperon. SP-7 1968

nuclides

Individual atoms of a given atomic number *Z* and mass number *A*. SP-7 1968

numerical analysis

Study of approximation methods using arithmetic techniques. DOE 1968

numerical differentiation

Approximate estimation of a derivative of a function by numerical techniques. 1980

Nusselt number

A number expressing the ratio of convective to conductive heat transfer between a solid boundary and a moving fluid, defined as $h l / k$ where *h* is the heat transfer coefficient, *l* is the characteristic length, and *k* is the **thermal conductivity** of the fluid. (Named after Wilhelm Nusselt, German engineer.) SP-7 1968

nutaton

The oscillation of the axis of any rotating body, as a gyroscope rotor. Specifically, in **astronomy**, irregularities in the precessional motion of the **equinoxes** because of varying positions of the **moon** and, to a lesser extent, of other **celestial bodies** with respect to the **ecliptic**. Used for nutational oscillation. SP-7 1968

nutational oscillation

Use nutation

nystagmus

An involuntary oscillation of the eyeballs, especially occurring as a result of eye fixations and stimulations of the inner ear during **rotation** of the body. SP-7 1968

O

Oberon

A satellite of Uranus orbiting at a mean distance of 587,000 kilometers. SP-7 1986

oblate spheroids

Ellipsoids of revolution, the shorter axis of which is the axis of revolution. SP-7 1968

oblique coordinates

Magnitudes defining a point relative to two intersecting nonperpendicular lines, called axes. SP-7 1968

obliqueness

The state of being neither perpendicular nor horizontal. 1980

obscuration

Use occultation

observability (systems)

The property of a system for which observations of the **output** variables always is sufficient to determine the initial values of all state variables. 1980

obstacle avoidance

The use of **sensors** utilizing laser triangulation as means of preventing collisions, especially in the operation of roving vehicles on planetary surfaces. 1980

obstacles

Use barriers

occlusion

Specifically, the trapping of undissolved gas in a solid during solidification. SP-7 1968

occultation

The disappearance of a body behind another body of larger apparent size. Used for obscuration. SP-7 1968

ocean color scanner

A multispectral **scanning** radiometer which is geared to observe ocean features such as chlorophyll, **sediments**, and topography in the invisible and thermal ranges of radiation. 1981

ocean dynamics

The study of the controlling forces in different ocean phenomena. 1982

ocean floor spreading

Use sea floor spreading

ocean temperature

Surface or subsurface temperature of an entire or specific region of an ocean. 1980

oceans

The continuous salt water bodies that surround the continents and fill the Earth's great depressions. AGI 1968

octaves

The intervals between two **frequencies** having the ratio 1:2. SP-7 1968

off-on control

Flicker control, especially as applied to rockets. Used for bang-bang control. SP-7 1968

offgassing

The relative high mass loss characteristic of many nonmetallic materials upon initial **vacuum** exposure. 1981

Office of Space & Terrestrial Applicable Payloads

Use OSTA-1 payload

Office of Space & Terrestrial Applicable Payloads

Use OSTA-3 payload

OFT

Use Space Transportation System flights

ogives

Bodies of revolution formed by rotating a circular arc about an axis that intersects the arc; the shape of these bodies; also noses of **projectiles** or the like so shaped. SP-7 1968

ohmmeters

Direct-reading instruments for measuring electrical resistance. They are provided with a scale, usually graduated in either ohms, megohms, or both. If the scale is graduated in megohms, the instrument is usually called a megohmmeter. IEEE 1968

Ohm's law

The current in an electric circuit is inversely proportional to the resistance of the circuit and is directly proportional to the electromotive force in the circuit. Ohm's law applies, strictly speaking, only to linear constant-current circuits. IEEE 1968

oil fields

Surface boundary of an area from which petroleum is obtained; may correspond to an oil pool or may be circumscribed by political or legal limits. DOE 1972

Omega Navigation System

A very long distance **navigation** system operating at approximately 10 kHz (kilohertz), in which hyperbolic lines of position are determined by measurement of the difference in travel time of continuous wave signals from two **transmitters** separated by 5000 nmi (nautical miles) to 6000 nmi (9000 km kilometers to 11000 km) or in which changes in distances from the transmitters are measured by counting RF (radio frequency) **wavelengths** in the space of lanes as the vehicle moves from a known position, the lanes being counted by phase comparison with a stable oscillator aboard the vehicle. IEEE 1968

on-line systems

Systems where the input data enters the computer directly from the point of origin and/or in which **output** data is transmitted directly to where it is used. 1981

onboard data processing

Processing of acquired data aboard an aircraft, satellite, etc., rather than **transmission** to ground stations for processing. 1980

anisotropy

Use anisotropy

Oort cloud

A region of millions of **comets** between 30,000 and 100,000 A.U. from the **sun**. Comets are perturbed out of the Oort cloud by passing **stars** and fall into the inner **solar system**. The Oort cloud was named after the Dutch astronomer, Jan Hendrik Oort. 1987

opacity

Of an optical path, the reciprocal of **transmission**. SP-7 1968

open circuit voltage

The **steady state** or **equilibrium** potential of an electrode in absence of external current **flow** to or from the electrode. 1981

OPEN Project

A former NASA project now absorbed by the International Solar Terrestrial Physics Project. It proposed a simultaneous study of plasmas in the Earth's magnetosphere and neighborhood using the following four instrumented **spacecraft**: interplanetary physics laboratory (IPL), geomagnetic tail laboratory (GTL), polar plasma laboratory (PPL), and equatorial magnetosphere laboratory (EML). Used for Origin of Plasmas in Earth Neighborhood. 1982

operating costs

The price for operating a system exclusive of the cost of the system itself. 1981

operating systems (computers)

Computer programs for expediting, controlling and/or recording computer use by other programs. Used for executive systems (computers). 1969

Ophiuchi clouds

Dense concentrations of interstellar gas near the **stars** Rho Ophiuchi and Zeta Ophiuchi. 1982

optical activity

Ability to rotate the plane of **vibration** of polarized light to the right or left. DOE 1972

optical bistability

A property of certain materials in which a nonlinear response is exhibited when under the influence of an external driving coherent light, thereby allowing these materials to behave like optical switches. 1983

optical computers

Computers which use light rather than electricity for all or part of their operation. They perform multiple tasks in parallel as opposed to electronic computers which would perform those tasks sequentially. Such increased processing capability makes them suited for aerospace problems which involve systems that have a large number of **degrees of freedom**, i.e., large space structures, **pattern recognition** activity, and **robotics**. 1983

optical control

The control of light sensitive devices by means optical radiation. 1993

optical countermeasures

Equipment for exploiting the vulnerability of laser guided weapon systems. 1978

optical depth

Use optical thickness

optical masers

Use lasers

optical paths

Lines of sight or the paths followed by rays of light through optical systems. SP-7 1968

optical pyrometers

Devices for measuring the temperature of an incandescent radiating body by comparing its **brightness** for a selected wavelength interval within the **visible spectrum** with that of a standard source; a monochromatic radiation pyrometer. SP-7 1968

optical relay systems

Systems using photocouplers in which the **output** device is a light sensitive switch that provides the same on and off operations as the contacts of a relay. 1981

optical scanners

A light source and phototube combined as a single unit for **scanning** moving strips of paper or other materials in photoelectric side-register control systems. DOE 1968

optical slant range

The horizontal distance in a homogeneous atmosphere for which the **attenuation** is the same as that actually encountered along the true oblique path. SP-7 1968

optical spectrum

Use light (visible radiation)

optical thickness

Specifically, in calculations of the transfer of radiant energy, the mass of a given absorbing or emitting material lying in a vertical column of unit cross sectional area and extending between two specific levels. Used for optical depth. SP-7 1968

optimization

The procedure used in the design of a system to maximize or minimize some performance index. May entail the selection of a component, a principle of operation, or a technique. IEEE 1968

optoelectronic devices

Electronic devices combining optic and electric ports. IEEE 1968

optogalvanic spectroscopy

A method of obtaining **absorption spectra** of atomic and molecular species in flames and electrical discharges by measuring voltage and current changes upon laser irradiation. 1981

orbit insertion

The process by which a **spacecraft** enters into a desired orbit around a celestial body. 1991

orbit spectrum utilization

Telecommunication techniques in spectrum conservation for reducing user costs. 1980

orbit transfer vehicles

Concept of propulsive (velocity producing) rockets or stages for use with crew transfer modules, manned sortie modules, or other **payloads**. Used for OTV. 1977

orbital elements

A set of seven parameters defining the orbit of a body attracted by a central, inverse square **force**. SP-7 1968

orbital flight tests (shuttle)

Use Space Transportation System flights

orbital lifetime

The predicted lifetime of a satellite in orbit, usually based on such **criteria** as solar flux density, atmospheric density, the lessening of the eccentricity of elliptical orbits, or the gravitational effects of the **sun** or the **moon**. 1980

orbital motion

Use orbits

orbital resonances (celestial mechanics)

Systems of two or more **satellites** (including **planets**) that orbit the same primary and whose orbital mean motions are in a ratio of small whole numbers. 1987

orbital servicing

The replenishing of **propellants**, pressurants, **coolants**, and the replacement of modules and experiments, during some phase of a **spacecraft** flight to extend the mission and lifetime, or change the **payloads**. 1980

orbital simulators

Use space simulators

orbital transfer

Use transfer orbits

orbital velocity

The average **velocity** at which an Earth satellite or other orbiting body travel around its primary. The velocity of such a body at any given point in its orbit, i.e., orbital velocity at the apogee is less than at the perigee. *SP-7 1968*

orbits

The paths of bodies or particles under the influence of a gravitational or other **force**. Used for orbital motion and periodic orbits. *SP-7 1968*

ores

Use minerals

organic charge transfer salts

Organic compounds exhibiting temperature-dependent electrical, magnetic, and heat transfer properties. *1977*

organic peroxides

Organic compounds containing radical groups combined with oxides in which two atoms of oxygen are linked together, e.g., diethyl peroxide. *1977*

organic solids

Solid materials composed of organic materials. *1981*

Origin of Plasmas in Earth Neighborhood

Use OPEN Project

Orion (radio interferometry network)

An operational radio interferometry observational network. *1980*

Orion nebula

An H 11 region about 500 pc distant and barely visible to the naked eye in the center of Orion's sword. *1979*

oscillations

Fluctuations or vibrations on each side of a mean value or position. One oscillation is half an oscillatory cycle, consisting of a fluctuation or **vibration** in one direction; half a vibration. The variation, usually with time, of the magnitude of a quantity with respect to a specified reference when the magnitude is alternately greater and smaller than the reference. Used for phugoid oscillations. *SP-7 1968*

oscillator strengths

A quantum mechanical analog of the number of dispersion electrons having a given natural frequency in an atom, used in an equation for the absorption coefficient of a spectral line. *1983*

oscillators

Nonrotating devices for producing alternating current. *SP-7 1968*

oscilloscopes

Instruments for producing visual representations of **oscillations** or changes in an electric current. *SP-7 1968*

OSO-J

Use OSO-8

OSO-8

One of a series of NASA orbiting solar observatories developed mainly for solar research. Used for OSO-J. *1976*

Osprey aircraft

Use V-22 aircraft

OSS-1 payload

Experiment package flown aboard the Space Shuttle STS-3 in 1982 which was sponsored by the NASA Office of Space Sciences from which the acronym is derived. *1979*

OSTA-3 payload

Spaceborne systems flown aboard the Space Shuttle STS-17, sponsored by the NASA Office of Space & Terrestrial Applications from which the acronym is derived. The systems included the feature identification and location experiment-1 (FILE-1), the measurement of atmospheric pollution from satellite (MAPS), the imaging camera-B, and the large format camera/attitude reference system (LFC/ARS). Used for Office of Space & Terrestrial Applications Payloads. *1986*

OSTA-1 payload

Spaceborne experiments flown aboard the Space Shuttle STS-2 in 1981 which was sponsored by the NASA Office of Space & Terrestrial Applications from which the acronym is derived. Used for Office of Space & Terrestrial Applications Payloads. *1979*

otolith organs

Structures of the inner ear (utricle and saccule) which respond to linear acceleration and tilting. *SP-7 1968*

OTV

Use orbit transfer vehicles

outgassing

The evolution of gas from a material in a **vacuum**. *SP-7 1968*

outliers (landforms)

Areas or groups of **rocks** surrounded by rocks of older age. Used for klippen. *AGI 1977*

outliers (statistics)

In sets of data values so far removed from other values in the distribution that their presence cannot be attributed to the random combination of change causes. *1981*

output

The yield or product of an activity furnished by man, machine, or system. Used for dummy loads. *SP-7 1968*

Overhauser effect

In atomic physics, a radio frequency field applied to a substance in an external magnetic field, whose nuclei have spin 1/2 and which has unpaired electrons at the electron spin resonance frequency. This results in **polarization** of the nuclei as great as if the nuclei had the much larger electron magnetic moment. *1978*

overtones

Use harmonics

oxazole

Compounds that contain a five-membered heterocyclic ring containing one nitrogen and one oxygen atom. *DOE 1968*

oxidation

A reaction in which electrons are removed from a reactant. Sometimes, more specifically the combination of a reactant with oxygen. *ASTM (B 374, B-8) 1968*

oxidation-reduction reactions

An oxidizing chemical change, where an element's positive valence is increased (electron loss), accompanied by a simultaneous reduction of an associated element (electron gain). *1976*

oxidizers

Specifically, substances (not necessarily containing oxygen) that support the combustion of a fuel or propellant. *SP-7 1968*

oxygen deficiency

Use hypoxia

oxygen toxicity

Use hyperoxia

oxygen 17

An isotope of oxygen. *1977*

oxynitrides

Base for a broad field of nitrogen **ceramics** utilizing silicon, aluminum, and other elements to produce high temperature refractory materials. *1979*

ozone

A very active form of oxygen that may be produced by the corona, arcing, or ultra-violet rays.

ASTM (F 478, F 479, F 496, D 178, D1048, D1051, D 120; F-18) 1968

ozone layer

Use ozonosphere

ozonosphere

The general stratum of the **upper atmosphere** in which there is an appreciable **ozone** concentration and in which ozone plays an important part in the radiation balance of the atmosphere. This region lies roughly between 10 and 50 kilometers, with maximum ozone concentration at about 20 to 25 kilometers. Used for ozone layer. *SP-7 1968*

P

PACE

Use Physics and Chemistry Experiment in Space

packages

Any assemblies or apparatus, complete in themselves or practically so, identifiable as units and readily available for use or installation. *SP-7 1968*

packet switching

Switching circuit system for **multiple access** time division data transmission. *1980*

packet transmission

Transmission of bursts of digital data. *1981*

packets (communication)

Digital data messages which are almost always preceded by headers (containing address information and other control characters) and followed by control characters which signify the end of a message. *1981*

Palapa satellites

Satellites launched by the US for the Indonesian government for their domestic communications network. *1977*

paleobiology

The study of life and organisms that existed in the geologic past. *1977*

paleoclimatology

The study of climates in the geologic past, involving fossil, glacial, isotropic, or other data. *DOE 1987*

Paleozoic Era

An era of geologic time, from the end of the Precambrian Period to the beginning of the **Mesozoic Era**, or about 570 to about 225 million years ago. *AGI 1990*

panel method (fluid dynamics)

Technique for analyzing and predicting the properties and characteristics of fluid flow; sometimes called the finite element method. *1980*

panspermia

The theory that holds that reproductive bodies of living organisms exist throughout the universe and develop wherever the environment is favorable. *1982*

PANT program

The passive nosetip technology (PANT) program is an investigation of **flow** phenomena over reentry vehicle nosetips by the Air Force. Used for ablative nosetips and passive nosetip technology. *1977*

paper (material)

Felted or matted sheets of **cellulose** fibers, formed on a fine **wire** screen from a dilute water suspension, and bonded together as the water is removed and the sheet is dried. *1977*

parabolas

Open curves where all points of which are equidistant from a fixed point called the focus, and a straight line. The limiting case occurs when the point is on the line, in which case the parabola becomes a straight line. *SP-7 1968*

parabolic bodies

Surfaces of revolution generated by **revolving** sections of **parabolas** about their major axis. Used for paraboloids. *SP-7 1968*

parabolic reflectors

Reflecting surfaces having the cross section along the axis in the shape of a parabola. Parallel rays striking the reflector are brought to a focus at a point, or if the source of the rays is placed at the focus, the reflected rays are parallel. Used for dishes. *SP-7 1968*

parabolic velocity

Use escape velocity

paraboloids

Use parabolic bodies

paracone

A system for recovering men and objects from great distances above the Earth's surface and landing them safely onto the Earth. *1982*

parallax

The difference in the apparent direction or position of an object when viewed from different points expressed as an angle. *SP-7 1968*

parallel processing (computers)

The concurrent or simultaneous execution of more than one program, or the handling of input for more than one operation at the same time. *DOE 1971*

parameter identification

The estimation of the unknown parameters of models of physical plants or processes from their dynamic response. 1980

parameters

Use independent variables

parametric amplifiers

Inverting parametric devices used to amplify a signal without frequency translation from input to **output**. Used for parametric oscillators and reactance amplifiers. IEEE 1968

parametric oscillators

Use parametric amplifiers

parity

A symmetry property of a wave function. SP-7 1968

parsing algorithms

Computer routines for the syntactic and/or semantic analysis and restructuring of natural language instructions or data for internal processing. 1976

partial pressure

The pressure exerted by a designated component or components of a gaseous mixture. SP-7 1968

particle accelerators

Specifically, devices for imparting large **kinetic energy** to charged particles, such as electrons, **protons**, **deuterons**, and helium ions. SP-7 1968

particle counters

Use radiation counters

particle detectors

Use radiation counters

particle flux

Use flux (rate)

particle laden jets

Fluid, mainly issuing from a nozzle, that are turbulent and contain dispersed particles. 1983

particle precipitation

The precipitation of particles other than electrons and **protons**. 1980

Pascal (programming language)

High order computer programming language developed by Niklaus Wirth originally as an educational tool to foster structured programming. 1980

passes

Use gaps (geology)

passive nosetip technology

Use PANT program

paste (consistency)

Mixtures with characteristic soft or plastic consistencies. 1980

pastes

Adhesive compositions having a characteristic plastic-type **consistency**, that is, high order of yield values, such as that of pastes prepared by heating a mixture of starch and water and subsequently cooling the hydrolyzed product. ASTM (D 907, D-14) 1968

pathogens

Disease-producing agents, usually referring to living organisms. DOE 1969

Patriot missile

Surface to air, antiaircraft missile. 1977

pattern recognition

The identification of shapes, forms and configurations by automatic means. IEEE 1968

payload assist module

Rocket vehicle with a spinning solid-propellant motor to attain injection **velocity** to place payload into intended **orbits** from the parking orbits of the STS. 1980

payload control

Execution of events involved in operating the payload and supporting systems. 1981

payload delivery (STS)

The transport of **payloads** via the Space Transportation System including ground to Earth orbit delivery by the Space Shuttle and orbit to orbit delivery via **orbit transfer vehicles**. 1979

payload deployment & retrieval system

System of mechanical and control devices, with associated data systems, for payload handling in space. 1980

payload integration plan

Procedures providing for **compatibility** of **spaceborne experiments** with the carrier **spacecraft** (e.g., shuttle orbiter). 1979

payload stations

The locations in the Space Shuttles' flight decks and cargo bay at which **payloads** are mounted. 1977

payload transfer

The in-space movement of **payloads** from point to point. 1982

payloads

Originally, the revenue producing portions of an aircraft's load, e.g., passengers, cargo, and mail. By extension, that which an aircraft, rocket, or **spacecraft** carries over and above which is necessary for the operation of the vehicle for its flight. SP-7 1968

PBB

Use polybrominated biphenyls

PCM (materials)

Use phase change materials

PCM (modulation)

Use pulse code modulation

PDM (modulation)

Use pulse duration modulation

pearlite

An aggregate in steel of ferrite and **cementite**. DOE 1968

peat

Dark brown or black residuum produced from the partial decomposition and disintegration of mosses, hedges, trees, and other plants that grow in marshes and other wet places. 1979

Peclet number

A nondimensional number arising in problems of **heat transfer** in fluids. *SP-7 1968*

peculiar stars

Stars with spectra that cannot be conveniently fitted into any of the standard spectral classifications. They are denoted by a 'p' after their spectral type. *1981*

PEEK

A class of semicrystalline polymers called polyarylene ethers for use as molding compounds and for use as composite **matrix materials**. Used for polyetheretherketones. *1987*

Peltier effects

The effects which result in the production or **absorption** of heat at the junction of two metals on the passage of an electrical current. *SP-7 1968*

penalty function

In mathematics, a function used in treating maxima and minima problems subject to restraints. *1978*

penetrating particles

Use corpuscular radiation

penetration ballistics

Use terminal ballistics

peninsulas

Elongated bodies or stretches of **land** nearly surrounded by water and connected with a larger land area, usually by a neck or an isthmus. The term is derived from the Latin 'paeninsula' 'almost island.' *AGI 1968*

Penning discharge

A direct current discharge where electrons are forced to oscillate between two opposed **cathodes** and are restrained from going to the surrounding anode by the presence of a magnetic field. *SP-7 1968*

Penning effect

An increase in the effective ionization rate of a gas due to the presence of a small number of foreign metastable atoms. *SP-7 1968*

perceptual errors

Deviations from **accuracy** in the perception of objects, shapes, colors, weights, etc., through the use of the senses. *1980*

perfect gas

Use ideal gas

perfusion

Use diffusion

perigees

Those orbital points nearest the Earth when the Earth is the center of attraction. *SP-7 1968*

perihelions

Those points in solar orbits which are nearest the **sun**. *SP-7 1968*

period doubling

The bifurcation of a nonlinear system to two stable periodic **cycles** on its route to chaotic **turbulence**. *1987*

periodic orbits

Use orbits

periodic processes

Use cycles

peripheral equipment (computers)

Equipment that works in conjunction with a computer but is not part of the computer itself. Card or paper-tape readers or punches, magnetic tape handlers, or line printers are among items of peripheral equipment. *1976*

periscopes

Optical instruments which displace the **line of sight** parallel to itself to permit a view which may otherwise be obstructed. *SP-7 1968*

permafrost

Any soil, subsoil or other surficial deposit, or even bedrock, occurring in arctic or subarctic regions at a variable depth beneath the Earth's surface in which a temperature below freezing has existed continuously for a long time. Used for frozen soils. *DOE 1968*

permeability

Of a magnetic material, the ratio of the magnetic induction to the magnetic field intensity in the same region. The ability to permit penetrations or passage. In this sense the term is applied particularly to substances which permit penetration or passage of fluids. *SP-7 1968*

perovskites

Minerals with a close-packed lattice and the general formula ABX₃ where A and B are metals and X is a nonmetal, usually O. *DOE 1968*

perturbation

Any departure introduced into an assumed **steady state** of a system, or a small departure from a nominal path such as a desired trajectory. Usually used as equivalent to small perturbation. Specifically, a disturbance in the regular motion of a celestial body, the result of a **force** additional to that which causes the regular motion, specifically a gravitational force. *SP-7 1968*

perveance

The quotient of the space-charge-limited cathode current by the three-halves power of the anode voltage in a diode. Note: Perveance is the constant G appearing in the Child-Langmuir-Schottky equation. *IEEE 1968*

Petri nets

Abstract, formal models of the information flow in systems with discrete sequential or parallel events. The major use has been the modeling of **hardware** systems and software concepts of computers. *1979*

petroleum products

Materials derived from petroleum, natural gas, and **asphalt** deposits. Includes gasolines, diesel and heating fuels, **lubricants**, waxes, greases, petroleum coke, petrochemicals, and sulfur. *1978*

petrology

That branch of **geology** dealing with the origin, occurrence, structure, and history of **rocks**, especially igneous and **metamorphic rocks**. *DOE 1968*

PFM (modulation)

Use pulse frequency modulation

phase angle

Use phase shift

phase change materials

Materials undergoing solid/liquid phase transformations and whose latent heat of fusion properties are used to store and deliver thermal energy, usually **solar energy**. Used for PCM (materials). 1981

phase conjugation

Technique for the removal of phase distortions during **propagation** of laser beams through the atmosphere. 1981

phase detectors

Devices that continuously compare the phase of two signals and provide an **output** proportional to their difference in phase. SP-7 1968

phase deviation

The peak difference between the instantaneous phase of the modulated wave and the carrier frequency. SP-7 1968

phase matching

A way of maximizing the coupling between two systems used in second harmonic generation which happens mostly in crystals. 1981

phase modulation

Angle **modulation** in which the angle of a sine wave carrier is caused to depart from the carrier angle by an amount proportional to the instantaneous value of the modulation wave. Combinations of phase and **frequency modulation** are commonly referred to as frequency modulation. SP-7 1968

phase response

Use frequency response

phase response

Use phase shift

phase shift

The phase difference of two periodically recurring phenomena of the same frequency, expressed in angular measure. The angle between the lines connecting a celestial body and the **sun** and a celestial body and the Earth. Used for phase angle and phase response. SP-7 1968

phase shift keying

The form of **phase modulation** in which the modulating function shifts the instantaneous phase of the modulated wave among predetermined discrete values. IEEE 1968

phase velocity

Of a traveling plane wave at a single frequency, the **velocity** of an equiphase surface along the wave normal. SP-7 1968

phenology

A branch of science dealing with the relations between climate and periodic biological phenomena. DOE 1972

Phobos

A satellite of Mars orbiting at a mean distance of 9,400 kilometers. SP-7 1968

Phoebe

A satellite of Saturn orbiting at a mean distance of 12,960,000 kilometers. SP-7 1988

phosphazene

A ring or chain polymer that contains alternating phosphorus and nitrogen atoms, with two substituents on each phosphorus atom. 1981

phosphorescence

Emission of light which continues after the exciting mechanism has ceased. SP-7 1968

phosphoric acid fuel cells

Long life **fuel cells** for the low to medium wattage range which use phosphoric acid as an electrolyte. 1981

phosphors

Phosphorescent substances such as zinc sulfide, which emit light when excited by **radiation**, as on the scope of a cathode ray tube. SP-7 1968

photoacoustic spectroscopy

An optical technique for investigating solid and semisolid materials, in which the sample is placed in a closed chamber filled with a gas and illuminated with monochromatic radiation of any desired wavelength, and with **intensity** modulated at some acoustic frequency. Absorption of radiation results in a periodic heat flow from the sample, which generates sound detectable with a sensitive microphone. 1980

photocathodes

Electrodes used for obtaining a **photoelectric emission** when irradiated. Used for photoelectric cathodes. IEEE 1968

photocells

Use photoelectric cells

photochemical oxidants

Any of the chemicals which enter into **oxidation** reactions in the presence of light or other radiant energy. 1977

photochemical reactions

Chemical reactions which involve either the absorption or emission of radiation. Used for photochemistry and photoreduction. SP-7 1968

photochemistry

Use photochemical reactions

photoclinometry

Use photogrammetry

photoconductive cells

Photoelectric cells whose electrical resistance varies with the amount of illumination falling upon the sensitive area of the cell. SP-7 1968

photoconductivity

The **conductivity** increase exhibited by some nonmetallic materials, resulting from the free carriers generated when photon energy is absorbed in electronic transitions. The rate at which free carriers are generated, the mobility of the carriers, and the length of time they persist in conducting states (their lifetime) are some of the factors that determine the amount of conductivity change. Used for photoresistivity. IEEE 1968

photocurrents

Use photoelectric emission

photodetectors

Use photometers

photodiodes

Diodes designed to produce photocurrent by absorbing light. Photodiodes are used for the conversion of optical power to electrical power. IEEE 1968

photodissociation

The **dissociation** (splitting) of a molecule by the **absorption** of a photon. The resulting components may be ionized in the process (photoionization). *SP-7 1968*

photoelectric cathodes

Use photocathodes

photoelectric cells

Transducers which convert **electromagnetic radiation** in the infrared, visible, and ultraviolet regions into electrical quantities such as voltage, current, or resistance. Used for photocells.

SP-7 1968

photoelectric effect

The emission of an electron from a surface as the surface absorbs a photon of **electromagnetic radiation**. Electrons so emitted are termed **photoelectrons**. *SP-7 1968*

photoelectric emission

The emission of electrons from atoms or **molecules**. Used for photocurrents, photoemission, and photoemissivity.

ASTM (E 673, E-42) 1968

photoelectrochemical devices

Electrochemical devices powered by light or other incident radiation to produce electricity and/or **chemical fuels** (e.g., hydrogen).

1978

photoelectrochemistry

The study of the interaction between impinging light energy and the electropotential of the chemical changes in the electrode, electrolytic solution, or a photosensitive membrane. *1981*

photoelectronics

Use electronics

photoelectrons

Electrons which have been ejected from their parent atoms by interaction between those atoms and high energy **photons**.

SP-7 1968

photoemission

Use photoelectric emission

photoemissivity

Use emissivity

photoemissivity

Use photoelectric emission

photogrammetry

The art or science of obtaining reliable measurements by means of photography. Used for photoclinometry. *SP-7 1968*

photographic emulsions

The light-sensitive **coatings** on photographic film consisting usually of silver halide. *IEEE 1968*

photoionization

The **ionization** of an atom or molecule by the collision of a high energy photon with the particle. *SP-7 1968*

photolithography

The process of making a printing plate by exposing a design photographically on a sensitized emulsion and removing unwanted portions chemically. *1977*

photoluminescence

Luminescence produced by the **absorption** of radiant **flux**, distinguished from ordinary **reflection** by a time delay and usually, an upward shift in a wavelength. *ASTM (E 284, E12) 1968*

photomasks

In the production of integrated circuit devices, repeated arrays of microphotographs of the circuit patterns on glass substrates used to form successive patterns on single wafers often of submicrometer sizes. *1980*

photometers

Instruments for measuring the intensity of light or the relative intensity of a pair of lights. Used for microphotometers and photodetectors. *SP-7 1968*

photometry

The study of the measurement of the intensity of light. *SP-7 1968*

photomultiplier tubes

Phototubes with one or more dynodes between its photocathode and **output** electrode. Used for electron multipliers and multiplier phototubes. *SP-7 1968*

photons

According to the **quantum theory of radiation**, the elementary quantities of radiant energy. They are regarded as discrete quantities having a **momentum** equal to $h\nu/c$, where h is the Planck constant, ν is the frequency of the radiation, and c is the speed of light in a **vacuum**. Photons are never at rest, have no electric charges and no **magnetic moments**, but they have spin moments. The energy of a photon (the unit quantum of energy) is equal to $h\nu$. *SP-7 1968*

photophoresis

Production of unidirectional motion in a collection of very fine particles, suspended in a gas or falling in a **vacuum**, by a powerful beam of light. *1985*

photoreduction

Use photochemical reactions

photoresistivity

Use photoconductivity

photosphere

The intensely bright portion of the **sun** visible to the unaided eye. *SP-7 1968*

photosynthesis

A process operating in green plants in which carbohydrates are formed under the influence of light with chlorophyll serving as a catalyst. *SP-7 1968*

photothermal conversion

Conversion into thermal energy from optical radiation by a photoabsorptive or photoselective material. *1980*

photothermotropism

Use anisotropy

photovoltaic cells

Photoelectric **detectors** capable of directly generating an electric current in response to irradiation. *ASTM (E 284, E-12) 1968*

photovoltaic effect

The production of a voltage difference across a pn junction resulting

from the **absorption** of photon energy. The voltage difference is caused by the internal drift of holes and electrons. *IEEE 1968*

phugoid oscillations

Use oscillations

phugoid oscillations

Use pitch (inclination)

Physics and Chemistry Experiment in Space

A group of Space Shuttle payloads consisting of various space experiments. Used for PACE. *1980*

physiography

Use geomorphology

physiological acceleration

The acceleration experienced by a human or an animal test subject in an accelerating vehicle. *SP-7 1968*

physiological telemetry

Use biotelemetry

physiology

The science that treats of the functions of living organisms or their parts, as distinguished from morphology or anatomy. *SP-7 1968*

phytoplankton

The aggregate of passively floating or drifting plant organisms in aquatic ecosystems. *1986*

phytotrons

Apparatus for the growth of plants under a variety of controlled environmental conditions. Used for germinators and growth chambers. *1976*

pickling (metallurgy)

Preferential removal of oxide or mill scale from the surface of a metal by immersion usually in an acidic or alkaline solution. *1976*

pickoffs

Use sensors

pickups

Use sensors

picture elements

Use pixels

piezoelectric ceramics

Ceramic material with piezoelectric properties similar to those of some natural crystals. *1980*

piezoelectric transducers

Transducers that depend for their operation on the interaction between electric charge and the **deformation** of certain materials having piezoelectric properties. Note: Some crystals and specially processed **ceramics** have piezoelectric properties. *IEEE 1968*

piezoelectricity

The property exhibited by some asymmetrical crystalline materials which when subjected to strain in suitable directions develop **polarization** proportional to the strain. *SP-7 1968*

pilot induced oscillation

Oscillations of a flying aircraft caused by transients and system changeovers, by pilot overreaction upon such transients, or by

misleading pilot cues or excessive pilot gain in modern high-gain, high order aircraft control systems. *1985*

pinch effect

The result of an electromechanical **force** that constricts, and sometimes momentarily ruptures, a molten conductor carrying current at a high density. The self contradiction of a plasma column carrying large currents due to the interaction of this current with its own magnetic field. *SP-7 1968*

pinhole cameras

Cameras which have no **lenses**, but consist essentially of a darkened box with a small hole in one side, so that an inverted image of outside objects is projected on the opposite side where it is recorded on photographic film. *1981*

pinning

Sites within a superconducting material that are produced by localizing inclusions, dislocations, voids, etc., which provide a means of resisting **flux** motion (flux jumps) due to Lorenz forces. SN (limited to **electronics**). *1981*

Pioneer Venus Orbiter

Use Pioneer Venus 1 spacecraft

Pioneer Venus 1 spacecraft

This orbiter **spacecraft** is the first of two launched on a seven month journey to observe the planet Venus, its atmosphere and clouds. It was launched May 20, 1978 and is still operational. Used for Pioneer Venus Orbiter. *1978*

Pioneer Venus 2 entry probes

Collective term for the five Pioneer Venus atmospheric probes. They are Pioneer Venus 2 day probe, Pioneer Venus 2 night probe, Pioneer Venus 2 North probe, Pioneer Venus 2 sounder probe, and Pioneer Venus 2 transporter bus. *1978*

Pioneer Venus 2 Multiprobe spacecraft

Use Pioneer Venus 2 spacecraft

Pioneer Venus 2 spacecraft

This multiprobe **spacecraft**, launched on its Venus mission in August 1978, comprises a Transporter Bus, a sounder probe, and three identical probes (North, night, and day) which separately investigated and photographed the atmosphere, clouds and related phenomena. The multiprobe spacecraft traveled about 354 million kilometers. It entered Venus atmosphere on December 9, 1978 and all probes transmitted data. Used for Pioneer Venus 2 Multiprobe spacecraft. *1978*

pipelining (computers)

Processing techniques for improving the capability of computer systems by modelling, sequencing control, resource allocation, etc. *1978*

piston engines

Engines, especially internal combustion engines, in which a piston or pistons moving back and forth work upon a crankshaft or other device to create rotational movement. Used for reciprocating engines. *SP-7 1968*

pitch (inclination)

Of a vehicle, an angular **displacement** about an axis parallel to the lateral axis of the vehicle. Used for damping in pitch, phugoid oscillations, and pitch angles. *SP-7 1968*

pitch (material)

The residues from the destructive distillation of tars. *DOE 1968*

pitch angles

Use pitch (inclination)

pitot tubes

Open ended tubes or tube arrangements which, when pointed upstream, may be used to measure the stagnation pressure of the fluid for **subsonic flow**; or the stagnation pressure behind the tube's normal shock wave for **supersonic flow**. (Pronounced pee-toe. After Henri Pitot, 1695-1771, French scientist.) Used for Preston tubes. *SP-7 1968*

pivots

The paths followed by a point in a diameter of a circle as the circle rolls along in a straight line. Used for trochoids. *SP-7 1968*

PIX

Use plasma interaction experiment

pixels

Shortened term for 'picture elements.' They are **image resolution** elements in vidicon-type **detectors**. Used for picture elements. *1986*

plages (faculae)

Use faculae

plains

Any flat areas, large or small, at a low elevation; specifically, extensive regions of comparatively smooth and level or gently undulating **land**, having few or no prominent surface irregularities. Plains sometime have a considerable slope, and usually at a low elevation with reference to surrounding areas. Plains may be either forested or bare of trees, and may be formed by deposition or by **erosion**. *AGI 1972*

plan position indicators

Display devices on which target blips are shown in plan position, thus forming a map-like display, with radial distance from the center representing range and with the angle of the radius vector representing **azimuth** angle. Used for PPI (position indicators). *IEEE 1968*

plane strain

A **deformation** of a body in which the **displacement** of all points in the body are parallel to a given plane, and the displacement values are not dependent on the distance perpendicular to the plane. *1980*

planetary boundary layer

The layer of the atmosphere from the Earth's surface to the **geostrophic wind** level, including the surface boundary layer and the **Ekman layer**. *1980*

planetary cores

The centers of **planets**. *1977*

planetary craters

Collective term for craters on any of the planetary surfaces. *1978*

planetary crusts

The outermost layers of **planets**. The planetary crusts are on top of the mantle and are modified by various processes of **weathering**, sedimentation, metamorphosis, volcanism, and bombardment by **meteorites**. *1987*

planetary entry

Use atmospheric entry

planetary geology

Study or science of a planet, its history, and its life as recorded in the **rocks**. Includes the study of the surface features, the geometry of rock formations, **weathering** and **erosion**, and sedimentation. *1980*

planetary limb

In **astronomy**, the circular outer edge of a planet. *1980*

planetary magnetotails

The portion of the magnetosphere extending from a planet in the direction away from the **sun** for a variable distance of the order of 1,000 planet radii. *1980*

planetary systems

Systems consisting of a star and the **planets** and other objects in orbit around it. *1987*

planetary waves

Waves on uniform currents in two-dimensional nondivergent fluid systems rotating with varying angular speeds about the local vertical (beta plane). These waves represent a special case of barotropic disturbance, conserving absolute vorticity. As applied to atmospheric flow, the planetary waves takes into account the variability of the Coriolis parameter while assuming the motion to be two-dimensional. Used for long waves (meteorology) and Rossby waves. *1980*

planetesimals

Use protoplanets

planets

Celestial bodies of the **solar system**, **revolving** around the **sun** in nearly circular **orbits**, or similar bodies revolving around **stars**. The larger of such bodies are sometimes called principal planets to distinguish them from **asteroids**, planetoids, or minor planets, which are comparatively small. The larger planets are accompanied by **satellites** such as the **moon**. Inferior planets have orbits smaller than that of the Earth; superior planets have orbits larger than that of the Earth. The four planets nearest the sun are called inner planets; the others, outer planets. The four largest planets are called major planets. The four planets commonly used for celestial observations are called navigational planets. The word planet is of Greek origin, meaning, literally, wanderer, applied because the planets appear to move relative to the stars. *SP-7 1968*

planigraphy

Use tomography

plankton

The aggregate of passively floating or drifting plant and animal organisms which provide the major source of sustenance for animal life in the aquatic ecosystem. Used for plankton bloom. *1968*

plankton bloom

Use plankton

plant design

Encompasses all design consideration of physical plants, i.e., airports, industrial plants, test facilities, etc. Structural is just one aspect of this design. SN (excludes biological plants) *1981*

plant stress

Stimulus or a series of stimuli of such magnitude as to disrupt the growth and/or survival of plants. *1980*

plasma antennas

An air plasma made by ionizing the atmosphere which acts as the conducting element of an RF antenna. 1982

plasma arc cutting

Use of **plasma torches** for cutting hard materials at extremely high temperatures. 1980

plasma bubbles

Pockets of very low electron density in the equatorial F region of the ionosphere in which the plasma density is lower than the ambient density. 1982

plasma clouds

Specifically, a mass of ionized gas flowing out of the sun. SP-7 1968

plasma compression

Decrease in volume and consequent increase in density of a plasma usually by the application of an intense magnetic field. 1980

plasma cooling

Temperature control of plasmas in controlled fusion operations. 1980

plasma core reactors

Nuclear reactors utilizing fissionable plasmas (such as uranium fluoride) for the fuel. 1976

plasma currents

Electric currents induced in plasmas by injection of fast ion beams or some other means. 1980

plasma display devices

Digital matrix flat panel devices in which small gas discharge plasma cells are used as light emitting sources. 1977

plasma drift

Movement in the ionosphere of ion and plasma concentration by electric field variations in the upper atmosphere. 1980

plasma engines

Reaction engines using magnetically accelerated plasma as a propellant. Plasma engines are types of electrical engines. SP-7 1968

plasma equilibrium

Condition of plasma in which the constituent particles or fluid elements are unaccelerated or collectively at rest in steady flow. 1979

plasma etching

Removal of material by use of a focused plasma beam. 1981

plasma focus

A highly compressed plasma. 1978

plasma generation

Use plasma generators

plasma generators

Machines, such as electric arc chambers, that will generate very high heat fluxes to convert **neutral gases** into plasmas. Devices which use the interaction of plasmas and electrical field to generate currents. Used for plasma generation. SP-7 1968

plasma interaction experiment

A NASA Lewis experiment, the first of which was launched piggyback with **Landsat 3** in 1978 to study the charged particle space plasma environment and its effect on **spacecraft** surfaces operating at high voltages. The experiment lasted several hours as planned. The second was launched piggyback with **Iras** in 1983. Used for PIX. 1978

plasma pumping

Application of **radiation** of appropriate **frequencies** to plasma, to increase the population of atoms or **molecules** in the higher energy states. 1979

plasma renin activity

Use immunoassay

plasma sheaths

The boundary layers of charged particles between plasmas and their surrounding walls, **electrodes**, or other plasmas. Envelopes of ionized gases that surround bodies moving through an atmosphere at hypersonic velocities. SP-7 1968

plasma sound waves

Use magnetohydrodynamic waves

plasma torches

Burners which attain 50,000 degrees C temperatures by the use of plasma gas injected into an electric arc. Plasma torches are used for **welding**, spraying molten metal, and cutting hard rock or hard metals. 1980

plasmadynamic lasers

Stimulated emission devices in which the **lasing** gas flow has been replaced with a lasing plasma flow of atoms or ions. 1978

plasmas (physics)

Electrically conductive gases comprised of neutral particles, ionized particles, and **free electrons** but which, taken as a whole, are electrically neutral. Plasmas are further characterized by relatively large intermolecular distances, large amounts of energy stored in the **internal energy** levels of the particles, and the presence of **plasma sheaths** at all boundaries of the plasma. Plasmas are sometimes referred to as a fourth state of matter. Used for electrostatic plasma, ionized plasma, magnetoionic plasma, magnetoplasmas, and plasmoids. SP-7 1968

plasmasphere

Envelope of highly ionized gases surrounding the Earth or another planet. 1979

plasmoids

Use plasmas (physics)

plastic properties

The tendency of a loaded body to assume a deformed state other than its original state when the load is removed. Used for plasticity. SP-7 1968

plasticity

Use plastic properties

plastics

Materials that contain as an essential ingredient one or more organic polymeric substances of large **molecular weight**, are solid in their finished state, and at some stage in their manufacture or processing into finished articles can be shaped by **flow**.

ASTM (F 412, F-17; D 883, D-20) 1968

plateaus

Broadly, and comparatively flat areas of great extent and elevation; specifically, extensive **land** regions considerably elevated (more than 150-300 meters in **altitude**) above the adjacent country or above **sea level**. They are commonly limited on at least one side by an abrupt descent, have a flat or nearly smooth surface but are often dissected by deep valleys and surmounted by high hills or high mountains, and have a large part of their total surface at or near the summit level. Plateaus are usually higher and have more noticeable relief than **plains** (they often represent elevated plains), and are usually higher and more extensive than **mesas**. They may be tectonic, residual, or volcanic in origin. *AGI 1968*

plates (tectonics)

Rigid divisions of the outer surface of the Earth (lithosphere) which moves over a weaker layer (asthenosphere). The plates are about 100 km thick, and the continents, which are 40 km thick, rest on the plates and moves with them. *1980*

ply orientation

The arrangement of bonded layers comprising laminated materials to obtain optimal strength or other characteristics. *1980*

pneumatics

The branch of physics dealing with the mechanical properties of gases with particular emphasis on gas statics in closed systems. *1968*

Pockels effect

Use birefringence

point matching method (mathematics)

Use boundary value problems

point spread functions

Mathematical functions involved in **image processing**. *1978*

Poiseuille flow

Use laminar flow

Poisson process

Use stochastic processes

polar auroras

Use auroras

polar coordinates

In a plane, a system of curvilinear coordinates in which a point is located by its distance r from the origin (or pole) and by the angle θ which a line (radius vector) joining the given point and the origin makes a fixed reference line, called the polar axis. In three dimensions, short for space polar coordinates. *SP-7 1968*

polar wandering (geology)

Migration during geologic time of the Earth's poles of rotation and **magnetic poles**. Also known as polar migration. Used for Chandler motion. *1976*

polarimeters

Instruments for determining the degree of **polarization** of **electromagnetic radiation**, specifically the polarization of light. Used for spectropolarimeters. *SP-7 1968*

polariscopes

Instruments for detecting polarized radiation and investigating its properties. *SP-7 1968*

polarity

The sign of the electric discharge associated with a given object, as an electrode or an ion. *SP-7 1968*

polarization

The state of **electromagnetic radiation** when transverse vibrations take place in some regular manner, e.g., all in one plane, in a circle, in an ellipse, or in some other definite curve. With respect to particles in an electric field, the **displacement** of the charge centers within a particle in response to the electric **force** acting thereon. The response of the **molecules** of a paramagnetic medium (such as iron) when subjected to a magnetic field. *SP-7 1968*

polarizers

Devices for polarizing radiant energy. *SP-7 1968*

pollution transport

Dispersing or **diffusion** of atmospheric or water pollutants. Used for atmospheric loading. *1980*

poloidal flux

Plasma confinement concept with multipole **magnetic fields**. *1980*

polyacetylene

An aliphatic organic polymer that has high semiconductor properties which can be enhanced by doping. *1982*

polybrominated biphenyls

A group of 209 chemicals whose toxicity varies and includes principally one fire retardant called firemaster. Used for PBB. *1982*

polyesters

Polymers in which the repeated structural unit in the chain is of the ester type. *ASTM (D 883, D-20) 1968*

polyetheretherketones

Use PEEK

polymer matrix composites

Materials consisting of reinforcing fibers, filaments, and/or whiskers embedded in polymeric **bonding** matrices for increased mechanical and physical properties. *1977*

polymerization

A chemical reaction in which the **molecules** of **monomers** are linked together to form polymers. *ASTM (D 883, D-20) 1980*

polynuclear organic compounds

Hydrocarbon **molecules** with two or more nuclei and with or without oxygen, nitrogen, or other elements. *1980*

polynucleotides

Linear sequences of esters of nucleotides and phosphoric acid. *1977*

polypeptides

In organic chemistry, chains of amino acids linked by peptide bonds but with lower molecular weights than proteins; obtained by synthesis or by partial hydrolysis of proteins. *1977*

polyvinyl fluoride

DuPont's Tedlar, unplasticized PVF films with outstanding resistance to **ultraviolet radiation**. Used for Tedlar (trademark). *1980*

ponds

Natural bodies of standing **fresh water** occupying small surface depressions, usually smaller than **lakes** and larger than pools.

AGI 1968

positive feedback

Feedback which results in increasing the amplification. Used for regenerative feedback.

SP-7 1968

positive ions

Group of atoms which has acquired a positive electric charge by the loss of one or more electrons.

1979

positrons

Subatomic particles which are identical to electrons in atomic mass, theoretical rest mass, and energy, but opposite in sign.

SP-7 1968

postlaunch reports

Memoranda issued following spacecraft launchings to report launch data, the launch vehicle performance, **orbital elements** (expected and measured), and current status.

1977

postmission analysis (spacecraft)

A broader term than postflight analysis which deals with the scientific aspects of a mission.

1981

potential energy

Energy possessed by a body by virtue of its position in a gravity field in contrast with **kinetic energy**, that possessed by virtue of its motion.

SP-7 1968

potential gradients

In general, the local space rate of change of any potential, as the gravitational potential gradient or the velocity potential gradient.

SP-7 1968

potentiometers

Instruments for measuring differences in **electric potential** by balancing the unknown voltage against a variable known voltage. If the balancing is accomplished automatically, the instrument is called a self-balancing potentiometer. A variable electric resistor.

SP-7 1968

powder (particles)

An aggregate of discrete particles that are usually within the size range 1 to 1,000 mm.

ASTM (B 243, B-9) 1968

powder metallurgy

The art of producing metal powders and of the utilization of metal powders for the production of massive materials and shaped objects.

ASTM (B 243, B-9) 1968

power density (electromagnetic)

Use radiant flux density

power factor controllers

A solid state electronic device that reduces excess energy waste in AC **induction motors** by providing only the amount of voltage required to satisfy a given load.

1983

power gain

The ratio of the power that a transducer delivers to a specified load, under specified operating conditions, to the power absorbed by its input circuit. Of an antenna, in a given direction, 4 pi times the ratio of the radiation intensity in that direction to the total power delivered to the antenna.

SP-7 1968

power modules (STS)

Modules for providing power for **payloads** for STS and mission dependent equipment.

1979

power transmission (lasers)

Use laser power beaming

powered models

Models that can be tested in complete **force equilibrium**, including propulsion.

1982

Poynting-Robertson effect

The gradual decrease in **orbital velocity** of a small particle such as a micrometeorite in orbit about the **sun** due to the **absorption** and remission of radiant energy by the particle.

SP-7 1968

PPI (position indicators)

Use plan position indicators

PPM (modulation)

Use pulse position modulation

Prandtl number

A dimensionless number representing the ratio of momentum transport to heat transport in a **flow**. (After Ludwig Prandtl, 1875-1953, German scientist).

SP-7 1968

pre-Imbrian period

One of four stratigraphic classifications adopted for displaying (on maps) the geological ages of major features on the **moon**.

1980

pre-main sequence stars

Stars in which nuclear reactions that take place in its core have not yet occurred.

1984

preamplifiers

Amplifiers, the primary function of which is to raise the **output** of a low level source to an intermediate level so that the signal may be further processed without appreciable **degradation** in the signal-to-noise ratio. In **radar** amplifiers separated from the remainder of the receiver and located so as to provide the shortest possible input circuit path from the antenna so as to avoid deterioration of the signal-to-noise ratio. Used for preselectors.

SP-7 1968

precession

Change in the direction of the axis of rotation of a spinning body, as a gyro, when acted upon by a **torque**.

SP-7 1968

precipitation (chemistry)

The separation of a new phase from solid or liquid solution, usually with changing conditions of temperature or pressure or both.

ASTM (E 7, E-4) 1968

precipitation (meteorology)

The precipitation of water from the atmosphere in the form of **hail**, **mist**, rain, sleet, and **snow**. Deposits of dew, **fog**, and frost are excluded.

ASTM (D 1356, D-22) 1968

precision

The quality of being exactly or sharply defined or stated. A measure of the precision of a representation is the number of distinguishable alternatives from which it was selected, which is sometimes indicated by the number of significant digits it contains. Used for exactness.

SP-7 1968

precision guided projectiles

Missiles guided by precise laser radiation.

1979

prelaunch summaries

Summaries prior to launch of the preparations and parameters of the mission. 1981

premixing

The mixing of ingredients prior to a specified action (mixing of fuel and air prior to **ignition** in **combustion**, for example). 1980

prepolymers

Polymers of degrees of **polymerization** between that of the monomer or **monomers**, and the final polymer.

ASTM (D 883, E-2) 1968

prepregs

The **reinforcing materials** containing or combined with the full complement or resin before molding operations in the production of **composite materials**. 1980

preselectors

Use preamplifiers

Presidential reports

Formal reports originated by the President or his office. 1977

presintering

Use sintering

pressure breathing

The breathing of oxygen or a suitable mixture of gases at a pressure higher than the surrounding pressure. SP-7 1968

pressure dependence

Study of how a rate constant changes with pressure. 1981

pressure modulator radiometers

A cell containing a known quantity of a gas is placed in the single optical path of the radiometer and subjected to cyclical pressure changes which alter the **absorption** lines in the infrared spectrum of the gas. A narrow band signal results from the different voltages at the detector at high and low cell pressures. A wideband signal is generated by physically chopping a percentage of the input beam with a rotating chopper blade. 1981

pressure ratio

The relationship of a **force** to the **deformation** of a system whose deformation varies in some proportion to the force. 1980

pressure suits

Garments designed to provide pressure upon the body so that the respiratory and circulatory functions may continue normally, or nearly so, under low pressure conditions, such as occur at high altitudes or in space without benefit of pressurized cabins.

SP-7 1968

Preston tubes

Use pitot tubes

prevaporization

The phase transformations of **liquids** to gases prior to some physical or chemical reaction. 1980

primers (coatings)

Coatings designed to enhance adhesion.

ASTM (C 717, C-24) 1968

primitive equations

Eulerian equations of fluid motion in which the primary **dependent variables** are the fluid's **velocity** components. The equations

govern a wide variety of fluid motions and form the basis of most hydrodynamical analysis. 1979

prisms

Transparent bodies with at least two polished plane faces inclined with respect to each other, from which light is reflected or through which light is refracted. When light is refracted by a prism whose refractive index exceeds that of the surrounding medium, it is deviated or bent toward the thicker part of the prism.

ASTM (E 175, E-25) 1968

privacy

Freedom from observation and/or intrusion. Applies to such things as communications, personal records, photographs. 1979

process control (industry)

The ways and means by which continuous manufacturing and other industrial processes are monitored and maintained to create products of planned, uniform dimension and quality. 1978

process heat

Increase in **enthalpy** accompanying chemical reactions or phase transformations at constant pressure (heat of crystallization and heat of **sublimation** are examples). 1980

processors (computers)

Use central processing units

production costs

The process of fabrication, from raw materials through the finished products, including packaging and other prorated costs. 1980

Project SETI

A program to search for extraterrestrial intelligence by means of radio communication. Used for Search for Extraterrestrial Intelligence and SETI. 1977

projectile penetration

Use terminal ballistics

projectiles

Objects, especially **missiles**, fired, thrown, launched, or otherwise projected in any manner, such as bullets, guided rocket missiles, **sounding rockets**, or pilotless airplanes. Originally, objects, such as bullets or artillery shells, projected by applied external forces.

SP-7 1968

prolate spheroids

Ellipsoids of revolutions, the longer axis of which is the axis of revolution. SP-7 1968

prop-fan technology

Technology of a small diameter, highly loaded, many-bladed variable pitch advanced turboprop. 1981

propagation

The spreading abroad or sending forward, as of radiant energy. Used for propagators. SP-7 1968

propagators

Use propagation

propargyl groups

Crosslinking agents for certain aromatic polyamides used as matrix resins in **fiber composites**. 1981

propellant explosions

Detonations of **propellants** as a result of motor malfunction.

1980

propellants

Any agents used for consumption or **combustion** in rockets and from which the rockets derive their **thrust**, such as fuels, **oxidizers**, **additives**, catalysts, or any compounds or mixture of these; specifically, fuels, oxidants, or a combination or mixture of fuels and oxidants used in propelling rockets. Propellants are commonly in either liquid or solid form. *SP-7 1968*

proportional control

Control of an aircraft, rocket or **spacecraft** in which the control surface deflection is proportional to the movement of the remote controls. *SP-7 1968*

propulsive efficiency

The efficiency with which energy available for propulsion is converted into **thrust** by a rocket engine. *SP-7 1968*

prospecting

Use exploration

protein synthesis

Process by which protein **molecules** are formed. *1980*

protium

Use light water

proton-proton reactions

Thermonuclear reactions in which two **protons** collide at very high velocities and combine to form **deuterons**. The resultant deuterons may capture other protons to form tritium and the latter may undergo proton capture to form helium. The proton-proton reactions are now believed to be the principal sources of energy within the **sun** and other **stars** of its class. A temperature of 5 million degrees Kelvin and high hydrogen (proton) concentrations are required for these reactions to proceed at rates compatible with energy emission by such stars. *SP-7 1968*

protons

Positively charged subatomic particles having a mass of 1.67252 times 10 to the minus 24 gram, slightly less than that of an electron. *SP-7 1968*

protoplanets

Transition objects formed during primeval cloud **condensation** into **stellar systems** (stars, **planets**, etc.) which form the nucleus of planetary accretion. Used for planetesimals. *1979*

proximity effect (electricity)

Redistribution of current in a conductor caused by the presence of another conductor. *1980*

pseudopotentials

Factors in an approximate method for calculation of energy bands in solids by the use of approximation which includes the many body effect. *1982*

psycholinguistics

Study of linguistic behavior such as conditioning by psychological factors including the speaker's and listener's culturally determined categories of expression and comprehension. *1979*

psychology

The science which studies the functions of the mind, such as sensation, perception, memory, thought, and, more broadly the behavior of an organism in relation to its environment. *SP-7 1968*

psychomotor performance

Of or pertaining to muscular action ensuing directly from a mental process, as in the coordinated manipulation of aircraft or **spacecraft** controls. *SP-7 1968*

psychopharmacology

The science that deals with the action of drugs on mental function. *1978*

psychrometers

Instruments for measuring **humidity** through the use of wet and dry bulb **thermometers**. *ASTM (E 337, D-22) 1968*

PTM (modulation)

Use pulse time modulation

pulse amplitude

A general term indicating the magnitude of a pulse. Used for pulse height. *SP-7 1968*

pulse charging

Rapid and efficient method for charging electric batteries. *1980*

pulse code modulation

Any **modulation** which involves a pulse code. Used for PCM (modulation). *SP-7 1968*

pulse Doppler radar

A **pulse radar** system which utilizes the **Doppler effect** for obtaining information about the target (not including simple resolution from fixed targets). *SP-7 1968*

pulse duration

The time interval between the first and last instances at which the instantaneous amplitude reaches a stated fraction of the peak **pulse amplitude**. Used for light duration and pulse width. *SP-7 1968*

pulse duration modulation

A form of **pulse time modulation** in which the duration of a pulse is varied. Used for PDM (modulation), pulse width modulation, and PWM (modulation). *SP-7 1968*

pulse frequency modulation

A form of **pulse time modulation** in which the pulse repetition rate is the characteristic varied. Used for PFM (modulation). *SP-7 1968*

pulse height

Use pulse amplitude

pulse modulation

Modulation of a carrier by a pulse train. Modulation of one or more characteristics of a pulse carrier. *SP-7 1968*

pulse position modulation

A form of **pulse time modulation** in which the position in time of a pulse is varied. Also called pulse phase modulation. Used for PPM (modulation). *SP-7 1968*

pulse radar

A type of **radar**, designed to facilitate range measurement, in which the transmitted energy is emitted in periodic short **pulses**. *SP-7 1968*

pulse time modulation

Modulation in which the values of instantaneous **samples** of the modulating wave are caused to modulate the time of occurrence

of some characteristic of a pulse carrier. Used for PTM (modulation). *SP-7 1968*

pulse width

Use pulse duration

pulse width modulation

Use pulse duration modulation

pulsejet engines

Compressorless **jet engines** in which **combustion** takes place intermittently producing **thrust** by a series of **explosions**, commonly occurring at the approximate resonance frequency of the engine. *SP-7 1968*

pulses

Short-wave trains of mechanical **vibration**.

ASTM (E 500, E-7) 1968

pultrusion

Process of pulling continuous lengths of resin impregnated fiber through a shaped, heated die to produce lengths of reinforced plastic. *1980*

pumice

A light-colored, vesicular, glassy rock commonly having the composition of a rhyolite. *DOE 1968*

punched cards

Cards on which a pattern of holes or cuts is used to represent data. *IEEE 1968*

punched tapes

Tapes on which a pattern of holes or cuts is used to represent data. *IEEE 1968*

push-pull amplifiers

Amplifiers in which there are two identical signal branch **circuits** so as to operate in phase opposition and with input and **output** connections each balanced to ground. Used for balanced amplifiers. *SP-7 1968*

pushbroom sensor modes

Spacecraft instrument arrangements in which large numbers of **detectors** comprising **linear arrays** are swept by the forward motion of the spacecraft to attain increased fidelity and high **sensitivity** in the data captured. *1980*

PWM (modulation)

Use pulse duration modulation

pyranometers

Actinometers which measure the combined **intensity** of incoming direct **solar radiation** and diffuse sky **radiation**. The pyranometers consist of a recorder and a radiation sensing element which is mounted so that it views the entire sky. Sometimes called solarimeters. *SP-7 1968*

pyrazines

Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 4 positions. *DOE 1968*

Pyrex (trademark)

Use borosilicate glass

pyridines

Compounds that contain a six-membered heterocyclic ring containing one nitrogen atom. *DOE 1968*

pyrimidines

Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 3 positions. *DOE 1968*

pyrographalloy

Use composite materials

pyroheliometers

Actinometers which measure the intensity of direct **solar radiation**, consisting of a radiation sensing element enclosed in a casing which is closed except for a small aperture, through which the direct solar rays enter, and a recorder unit. Used for heliometry. *SP-7 1968*

pyrohydrolysis

Decomposition by the action of heat and **water vapor**.

ASTM (C 859, C-26) 1968

pyrolysis

Chemical decomposition by the action of heat.

SP-7 1968

pyrometers

Instruments that measure high temperature, e.g., of molten lavas, by electrical or optical means. *DOE 1968*

pyrophyllite

A white, greenish, gray, or brown phyllosilicate mineral that resembles talc. *DOE 1969*

pyroxenes

A group of dark, rock-forming silicate **minerals**.

DOE 1968

pyrrhotite

A common reddish-brown to bronze hexagonal mineral.

DOE 1968

pyrroles

Compounds that contain a five-membered heterocyclic ring containing one nitrogen atom. *DOE 1968*

P78-2 satellite

Use SCATHA satellite

Q

QAM (modulation)

Use quadrature amplitude modulation

QAM (MODULATION)

Use quadrature amplitude modulation

QCD

Use quantum chromodynamics

quadrature amplitude modulation

Amplitude modulation in which the signal is 90 degrees out of phase with the carrier which it modulates. *1976*

quadrature approximation

Use quadratures

quadratures

Elongations of 90 deg., usually specified as east or west in accordance with the direction of the body from the **sun**. The **moon** is a quadrature at first and last quarters. The situation of two periodic quantities differing by a quarter of a cycle. Used for quadrature approximation. *SP-7 1968*

quadrupoles

A linear accelerator having four longitudinal vanes in its resonating cavity, which are shaped to create RF electric fields that simultaneously accelerate, bunch, and focus the charged particle beam. *DOE 1968*

quality control

An aggregate of functions designed to insure adequate quality in manufactured products by initial critical study of engineering design, materials, processes, equipment, and workmanship followed by periodic **inspection** and analysis. Used for reliability. control. *DOE 1968*

quantiles

The values that mark frequency distribution interval boundaries that are determined by arranging a set of N observations in order of magnitude and marking off equal parts (N/P) of the total population P. *1981*

quantum chromodynamics

A **gauge theory** describing the interaction between quarks and **gluons**. Used for color (particle physics) and QCD. *1979*

quantum efficiency

A measure of the efficiency of conversion or utilization of light or some other form of energy. *1980*

quantum electronics

The branch of **electronics** that essentially deals with **lasers** and laser devices which require **quantum theory** for their exact description. *1984*

quantum theory

The theory first stated by Max Planck (before the Physical Society of Berlin on December 14, 1900) that all **electromagnetic radiation** is emitted and absorbed in quanta, each of magnitude $h\nu$, h being the Planck constant and ν the frequency of the **radiation**. Used for Wightman theory. *SP-7 1968*

quantum wells

Effective potential wells created by a minimum in the conduction band or a maximum in the valence band that arises when a smaller band-gap semiconductor is sandwiched between a larger band-gap semiconductor. *1985*

quark parton model

A theoretical model which summarizes our understanding of how **protons** and **neutrons** are made up of the fundamental subparticles called quarks. *1981*

quartz

Crystalline silica, an important rock-forming mineral. *DOE 1968*

quefrequencies

In **cepstral analysis**, the frequency of periodic ripples in a spectra of a signal that contains **echoes**. Quefrequencies are expressed in **cycles** per hertz or in seconds. *1976*

quenching (atomic physics)

Phenomena in which very strong electric fields cause the orbit of an electron or atom to precess rapidly so the average magnetic moment associated with its orbit angular momentum is reduced to zero. *1978*

quenching (cooling)

Rapid cooling as in metallurgy. Used for flame quenching. *ASTM (E44, E-4) 1968*

query languages

Command languages used to search and retrieve information. *1982*

quinoxalines

A group of heterocyclic compounds consisting of a benzene ring condensed with a diazine ring. *1977*

R**racon beacons**

Use radar beacons

radar

A method, system or technique of using beamed, reflected, and timed **radio waves** for detecting, locating, or tracking objects (such as rockets), for measuring **altitude**, etc., in any of various activities, such as air traffic control or guidance. The **electronic equipment** or apparatus used to generate, transmit, receive, and usually, to display radio **scanning** or locating waves, a radar set. Used for radio detection and ranging. *SP-7 1968*

radar altimeters

Use radio altimeters

radar astronomy

The study of **celestial bodies** within the **solar system** by means of **radiation** originating on Earth but reflected from the body under observation. *SP-7 1968*

radar beacons

Beacons transmitting characteristic signals on **radar** frequency, permitting crafts to determine their bearings and sometimes the range of the beacons. Used for racon beacons. *SP-7 1968*

radar cross sections

The ratios of power returned in a radar echo to power received by the target reflecting the signal. *SP-7 1968*

radar direction finders

Use radio direction finders

radar displays

Use radarscopes

radar geology

The application of imaging radar to geologic problems. *1981*

radar homing missiles

Radar-following **missiles** designed to attack radar transmitters. *1977*

radar networks

A series of **tracking stations** each of which can individually or jointly track a target by utilizing an interchange of **radar** information. Used for multiradar tracking. *1979*

radar range

The distance from a **radar** to a target as measured by the radar. The maximum distance at which a radar set is effective in detecting targets. *SP-7 1968*

radar reflectors

Devices capable of or intended for reflecting **radar** signals. *SP-7 1968*

radar scanning

The action or process of moving or directing a searching radar beam. *SP-7 1968*

radar targets

Objects which reflect a sufficient amount of a **radar** signal to produce an echo signal on the radar screen. *SP-7 1968*

Radarsat

A civilian remote sensing satellite that will be polar orbiting and is jointly being developed by Canada and the United Kingdom with NASA providing the launch. In addition to a **synthetic aperture radar**, it may carry other instruments such as the Advanced Along Track **Scanning** Radiometer (AATSR) and the Advanced Radar Altimeter (ARA)/Ocean Wave Spectrometer (OWS). Launch is planned for 1994. *1983*

radarscopes

The cathode ray oscilloscopes used in **radar** sets, which display the received signal in such a manner as to indicate things such as range or bearing. Used for radar displays. *SP-7 1968*

radial velocity

In **radar**, that vector component of the **velocity** of a moving target that is directed away from or toward the ground station. *SP-7 1968*

radiance

In radiometry, a measure of the intrinsic radiant intensity emitted by a radiator in a given direction. It is the **irradiance** (radiant flux density) produced by **radiation** from the source upon a unit surface area oriented normal to the line between source and receiver, divided by the solid angle subtended by the source at the receiving surface. It is assumed that the medium between the radiator and receiver is perfectly transparent; therefore radiance is independent of **attenuation** between source and receiver. *SP-7 1968*

radiancy

The rate of radiant energy emission from a unit area of a source in all the radial directions of the overspreading hemisphere. *SP-7 1968*

radiant energy

Use radiation

radiant flux density

The rate of radiant energy emission from a unit area of a source in all the radial directions of the overspreading hemisphere. Used for power density (electromagnetic), radiant intensity, and radiation intensity. *ASTM (C 168, C-16) 1968*

radiant intensity

Use radiant flux density

radiation

The process by which energy is emitted or transferred in the form of **photons** or electromagnetic waves. Used for radiant energy and radiation emission. *ASTM (E 772, E-44) 1968*

radiation belts

Envelopes of charged particles trapped in the magnetic field of a spatial body. Used for geomagnetically trapped particles and Van Allen radiation belts. *SP-7 1968*

radiation chemistry

The branch of chemistry concerned with the chemical effects, including decomposition, of energetic **radiation** or particles of matter. *1977*

radiation counters

Instruments used for detecting or measuring moving subatomic particles by a counting process. Used for ionization counters, particle counters, and particle detectors. *SP-7 1968*

radiation dosage

The amount of **radiation** absorbed by a material, system, or tissue in a given amount of time; usually measured in units as roentgen. Used for radiation exposure. *SP-7 1968*

radiation emission

Use radiation

radiation exposure

Use radiation dosage

radiation intensity

Use radiant flux density

radiation medicine

Use nuclear medicine

radiation pressure

Pressure exerted upon any material body by **electromagnetic radiation** incident upon it. *SP-7 1968*

radiation sickness

A syndrome following intense acute exposure to **ionizing radiation**. It is characterized by **nausea** and vomiting a few hours after exposure. Further symptoms include bloody diarrhea, hemorrhage under the skin (and internally), epilation (hair falling out), and a decrease in blood cell level. *SP-7 1968*

radiation transport

The study of **radiation** from emission to **absorption**. *1981*

radiation trapping

Confinement of **radiation** with a magnetic field. *1980*

radiators

Any sources of radiant energy, especially **electromagnetic radiation**. Devices that dissipate the heat from something as from water or oil, not necessarily by **radiation** only. *SP-7 1968*

radio altimeters

Devices that measure the **altitude** of a craft above the terrain by measuring the elapsed time between **transmission** of **radio waves** from the craft and the reception of the same waves reflected from the terrain. Used for radar altimeters. *SP-7 1968*

radio astronomy

The study of celestial objects through observation of radiofrequency waves emitted or reflected by these objects. Specifically, the study of celestial objects by measurement of the radiation emitted by them in the radiofrequency range of the electromagnetic spectrum. *SP-7 1968*

radio beacons

Transmitters together with their associated equipment, that emit signals enabling the determination, by means of suitable receiving equipment, of direction, distance, or position with respect to the beacon. Used for radio ranges. *SP-7 1968*

radio control

Remote control of a pilotless airplane, rocket, or **spacecraft** by means of radio signals that activate controlling devices. *SP-7 1968*

radio detection and ranging

Use radar

radio direction finders

Radio receiving sets, together with associated equipment, used to determine the direction from which a radio signal is transmitted. Used for direction finders (radio) and radar direction finders.

SP-7 1968

radio frequencies

Frequencies at which coherent electromagnetic radiation of energy is useful for communications purposes.

SP-7 1968

radio frequency ion thruster engines

Use RIT engines

radio frequency radiation

Use radio waves

radio horizons

Loci or points at which direct rays from a radio transmitter become tangential to the Earth's surface.

SP-7 1968

radio interferometers

Interferometers operating at **radio frequencies**. Radio interferometers are used in **radio astronomy** and in satellite tracking.

SP-7 1968

radio jets (astronomy)

Jets of **energetic particles** occurring in radio galaxies and quasars usually emitted from the nuclear (active) region of the extragalactic radio source.

1986

radio meteors

Meteors which have been detected by the **reflection** of radio signals from the **meteor trails** of relatively high ion density (ion columns).

SP-7 1968

radio navigation

Navigation based upon the reception of radio signals. IEEE 1968

radio propagation

Use radio transmission

radio ranges

Use radio beacons

radio signal transmission

Use radio transmission

radio sources (astronomy)

Celestial objects that emit **radio waves**.

IEEE 1968

radio spectra

Frequencies of **electromagnetic radiation** usable for radio communication.

SP-7 1968

radio telescopes

Devices for receiving, amplifying, and measuring the **intensity** of **radio waves** originating outside the Earth's atmosphere or reflected from a body outside the atmosphere.

SP-7 1968

radio transmission

The **transmission** of signals by means of radiated electromagnetic waves other than light or heat waves. Used for radio propagation and radio signal propagation.

IEEE 1968

radio transmitters

Devices for producing radio-frequency power, for purposes of **radio transmission**.

IEEE 1968

radio waves

Waves produced by oscillation of an electric charge at a frequency useful for radio communication. Used for radio frequency radiation.

SP-7 1968

radioactivity

Spontaneous disintegration of atomic nuclei with emission of corpuscular or electromagnetic radiations. The number of spontaneous disintegrations per unit mass and per unit time of a given unstable (radioactive) element, usually measured in curies.

SP-7 1968

radiobiology

The study of the effects produced on living organisms by **radiation**.

SP-7 1968

radiocardiography

The technique of recording an intravenously injected radioisotope in the heart chambers.

1982

radioimmunoassay

A medical diagnostic procedure for the components (hormones and immunoglobulins primarily) as well as pharmaceuticals in the blood. The RIA is based on the antigen antibody reactions.

1978

radiometers

Instruments for detecting and, usually, measuring radiant energy.

SP-7 1968

radiometric correction

An effort to correct the **intensity** range of an image. Used for radiometric rectification.

1982

radiometric rectification

Use radiometric correction

radiometric resolution

The **sensitivity** of the sensor to distinguish between gray levels.

1981

radiosondes

Instruments, usually balloonborne, for the simultaneous measurement and **transmission** of meteorological data while moving vertically through the atmosphere.

SP-7 1968

radomes

Dielectric housings for **antennas**. (From RADar DOME. Pronounced ray-domes.)

SP-7 1968

Raduga satellite

A Soviet communications satellite in geostationary orbit for radio and TV transmission.

1977

railgun accelerators

Linear dc **motors** consisting of a pair of rigid, field-producing rails, and a movable conducting armature.

1981

rain erosion

The wearing away of the **land** by rain.

1976

Raman effect

Use Raman spectra

Raman scattering

Use Raman spectra

Raman spectra

Spectra of the modified **frequencies** resulting from inelastic scattering when matter is irradiated by a monochromatic beam of radiant energy. Used for Raman effect and Raman scattering.

ASTM (E 131, E-13) 1968

ramjet engines

Jet engines with no mechanical compressor consisting of specially shaped tubes or **ducts** open at both ends, the air necessary for **combustion** being shoved into the duct and compressed by the forward motion of the engine, where the air passes through a diffuser and is mixed with fuel and burned, the exhaust gases issuing in a jet from the rear opening. Ramjet engines cannot operate under static conditions. Often called ramjets. Used for athodyds.

SP-7 1968

random access

The process of obtaining data from, or placing data into, storage when there is no sequential relation governing the access time to successive storage location.

1981

random errors

Errors that are not systematic, are not erratic, and are not mistakes.

SP-7 1968

random noise

Oscillations whose instantaneous **amplitudes** occur, as a function of time according to a normal (Gaussian) curve. Used for Gaussian noise.

SP-7 1968

random numbers

Expressions formed by sets of digits selected from a sequence of digits in which each successive digit is equally likely to be any of the digits.

SP-7 1968

random variables

Variables characterized by random behavior in assuming their different possible values. Mathematically, they are described by their probability distribution, which specifies the possible values of a random variable together with the probability associated (in an appropriate sense) with each value. Random variables are said to be continuous if their possible values extend over a continuum and discrete if their possible values are separated by finite intervals.

SP-7 1968

range errors

Errors in **radar range** measurement due to the **propagation** of radio energy through a nonhomogeneous atmosphere. These errors are due to the fact that the velocity of radio wave propagation varies with the index of refraction and that ray travel is not in straight lines through actual atmospheres. The resulting range errors are generally insignificant.

SP-7 1968

rangelands

Land providing forage for domestic and wild animals, wildlife cover, recreation opportunities, and vegetation for watershed protection.

DOE 1972

Rankine cycle

An ideal thermodynamic cycle consisting of heat addition at constant pressure, isentropic expansion, heat rejection at constant pressure, and isentropic compression; used as an ideal standard for the performance of heat-engine and heat-pump installations operating with a condensable vapor as the working fluid, such as a steam power plant.

DOE 1968

rapid quenching (metallurgy)

Rapid cooling of molten metals or **alloys** to achieve maximum uniformity in the crystal structure. Used for rapid solidification.

1979

rapid solidification

Use rapid quenching (metallurgy)

rare gas-halide lasers

A class of **lasers** in which the inert gases are used as the amplifying medium.

1980

rare gases

Gases such as helium, neon, argon, krypton, xenon, and radon, all of whose shells of planetary electrons contain stable numbers of electrons so that the atoms are almost completely chemically inactive. Used for inert gases and noble gases.

SP-7 1968

raster scanning

Sweeping a cathode ray screen or an antenna beam characterized by a network of parallel sweeps either from side to side or from top to bottom.

IEEE 1971

rawinsondes

Combinations of raob and rawin; observations of temperature, pressure, relative **humidity**, and winds-aloft by means of radiosonde and radio **direction finding** equipment of radar tracking.

SP-7 1968

ray acoustics

Use geometrical acoustics

ray optics

Use geometrical optics

ray tracing

A procedure used in the graphical determination of the path followed by a single ray of radiant energy as it travels through media of varying indices of **refraction**.

SP-7 1968

Rayleigh scattering

Any **scattering** process produced by spherical particles whose radii are smaller than about one tenth the wavelength of the scattered **radiation**.

SP-7 1968

Rayleigh waves

Two dimensional barotropic disturbances in a fluid having one or more discontinuities in the vorticity profile. Surface waves associated with the free boundary of a solid, such that a surface particle describes an ellipse whose major axis is normal to the surface and whose center is at the undisturbed surface. At maximum particle **displacement** away from the solid surface the motion of the particle is opposite to that of the wave.

SP-7 1968

Rayleigh-Benard convection

The **flow** of a fluid contained between horizontal thermally conducting plates and heated from below. The Rayleigh number is proportional to the temperature difference between the plates.

1983

rayon

A manufactured fiber composed of regenerated **cellulose**, as well as fibers composed of regenerated cellulose in which substituents have replaced not more than 15 percent of the hydrogens of the hydroxyl groups.

ASTM (D-123, D-13) 1968

RCA Satcom satellites

Domestic commercial communications satellites launched by NASA for the RCA Corporation. 1976

reactance amplifiers

Use parametric amplifiers

reacting flow

Fluid flows in which chemical reactions are occurring or potentially can occur. Used for chemically reacting flow. 1972

reaction bonding

Chemical combining of ingredients to produce silicon nitride ceramics. 1980

reaction jets

Use jet thrust

reaction products

The substances formed in a chemical reaction -- the desired items as well as the unwanted fumes, **sludge**, residues, etc. 1980

reaction time

In human engineering, the interval between an input signal (physiological) or a stimulus (psychophysiological) and the response elicited by the signal. Used for reverse time. SP-7 1968

reactivity

The ability to react. For proper use of the term, the reaction in question and the conditions should be stated and the parameter used in measuring reactivity indicated, such as rate, uniformity, or the like. ASTM (D 1695, D-23) 1968

reactor cores

In **nuclear reactors**, the regions containing the fissionable material. SP-7 1968

reactor fuels

Use nuclear fuels

reactor safety

Theoretical and experimental investigations of the behavior of reactor types and designs under various real or hypothetical accidents. DOE 1968

read-only memory devices

Computer devices for storing data in permanent or nonerasable form. Used for ROM devices. 1977

real time operation

Time in which reporting on events or recording of events is simultaneous with the events. SP-7 1968

rearward facing steps

Use backward facing steps

REB

Use relativistic electron beams

receivers

Initial components or sensing elements of measuring systems. For example, the receiver of a thermoelectric thermometer is the measuring thermocouple. Instruments used to detect the presence and to determine the information carried by **electromagnetic radiation**. Receivers include **circuits** designed to detect, amplify, rectify, and shape the incoming radio frequency signals received at the antenna in such a manner that the information containing component of the received energy can be delivered to the desired indicating or recording equipment. Used for receiving systems. SP-7 1968

receiving systems

Use receivers

receptacles (containers)

Use containers

receptors (physiology)

Sensory nerve endings or organs in a living organism that is sensitive to physical or chemical stimuli. SP-7 1968

recharging

The restoring of discharged electric storage batteries to a charged condition by passing direct current through them in a direction opposite to that of the discharging current. 1980

reciprocating engines

Use piston engines

reciprocity theorem

Any theorem expressing reciprocal relations for the behavior of some physical system in which input and **output** can be interchanged without altering the response of the system to a given **excitation**. 1980

recirculation

Use circulation

recognition

The psychological process in which an observer so interprets the visual or auditory stimuli he receives from a distant object that he forms a correct conclusion as to the exact nature of that object or sound. SP-7 1968

recombination coefficient

A measure of the specific rate at which oppositely charged **ions** join to form neutral particles (a measure of ion recombination). SP-7 1968

recrystallization

In metals, the change from one crystal structure to another, as occurs on heating or cooling through a **critical temperature**. The formation of a new strain free grain structure from that existing in cold worked metal, usually accomplished by heating. SP-7 1968

rectangular coordinates

Use Cartesian coordinates

rectennas

Devices that convert microwave energy into direct-current power by utilizing a number of small diodes each with its own diode rectifier. Used for rectifier antennas. 1979

rectifier antennas

Use rectennas

rectifiers

Static devices having an asymmetrical **conduction** characteristic which is used to convert attending current into direct current. SP-7 1968

recuperators

Use regenerators

red dwarf stars

Red **stars** of low luminosity, so designated by E. Hertzsprung. Red Dwarf stars are commonly those main sequence stars fainter than an absolute magnitude of plus 1, and are the faintest and coolest of the dwarfs. 1982

red giant stars

Stars whose evolution has progressed to the point where hydrogen core burning has been completed, the helium core has become denser and hotter than originally, and the envelope has expanded to perhaps 100 times its initial size. *SP-7 1968*

red shift

In **astronomy**, the **displacement** of observed spectral lines toward the longer **wavelengths** of the red end of the spectrum. *SP-7 1968*

Redox cells

Cells for converting the energy of reactants to electrical energy; an intermediate reductant in the form of liquid electrolyte reacts at the anode in a conventional manner and is regenerated by reaction with a primary fuel. *1980*

reduced gravity

Use microgravity

reduction (mathematics)

Use optimization

reefs

Chains of **rocks**, sand ridges, or coral at or near the surface of water. *DOE 1973*

reentry

The event occurring when a **spacecraft** or other object comes back into the sensible atmosphere after going to higher altitudes; the action involved in this event. *SP-7 1968*

reentry bodies

Use reentry vehicles

reentry trajectories

Those parts of rocket **trajectories** that begin at **reentry** and end at target or at the surface. *SP-7 1968*

reentry vehicles

Any payload carrying vehicles designed to leave the sensible atmosphere and then return through it to Earth. Used for reentry bodies. *SP-7 1968*

references (standards)

Use standards

reflectance

The ratio of the radiant **flux** reflected by a body to that incident upon it. Used for reflection coefficient and reflectivity. *SP-7 1968*

reflected radiation

Use reflected waves

reflected rays

Use reflected waves

reflected waves

Shock waves, expansion waves, or **compression waves** reflected by another wave incident upon a wall or other boundary. In **electronics**, **radio waves** reflected from a surface or object. Used for reflected radiation and reflected rays. *SP-7 1968*

reflecting telescopes

Telescopes which collect light by means of concave mirrors. *SP-7 1968*

reflection

The process whereby a surface of **discontinuity** turns back a portion of the incident **radiation** into the medium through which the radiation approached. *SP-7 1968*

reflection coefficient

Use reflectance

reflection nebulae

Any celestial body having a hazy cloudy appearance whose **brightness** results from the **scattering** by dust particles of light from nearby **stars**. *1982*

reflectivity

Use reflectance

reflectometers

Instruments for measuring **reflectance**. *ASTM (E 772, E-44) 1968*

reforestation

The reestablishment of a tree crop on forest land. *1982*

refracted radiation

Use refracted waves

refracted rays

Use refracted waves

refracted waves

Waves that have had their direction of motion changed by **refraction**. Used for refracted radiation and refracted rays. *SP-7 1968*

refracting telescopes

Telescopes which collect light by means of a lens or system of **lenses**. *SP-7 1968*

refraction

The process in which the direction of energy **propagation** is changed as the result of a change within the propagating medium, or as the energy passes through the interface representing a density **discontinuity** between the two media. In the first instance, the rays undergo a smooth bending over a finite distance. In the second case, the index of refraction changes through an interfacial layer that is thin compared to the **wavelength** of the **radiation**; thus, the refraction is abrupt, essentially discontinuous. *SP-7 1968*

refractometers

Instruments for measuring the index of refraction of a liquid, gas, or solid. *SP-7 1968*

refractory coatings

Pyrolytic materials used for coating other materials exposed to high temperatures. *1981*

refractory metals

Usually **alloys** of high-melting point, hard-to-work metals, but can also refer to certain unalloyed elements. *DOE 1968*

Refrasil (trademark)

Use silicon dioxide

Refsat

A proposed satellite that broadcasts **navigation** aiding signals to low cost user terminals which employ the constellation of 24 NavStar Global Positioning System (GPS) satellites for position determination. *1981*

regenerative cooling

The cooling of a part of an engine by the fuel or propellant being delivered to the combustion chamber; specifically, the cooling of a rocket engine combustion chamber or nozzle by circulating the fuel or oxidizer, or both, around the part to be cooled. *SP-7 1968*

regenerative feedback

Use positive feedback

regenerators

Devices used in a thermodynamic process for capturing and returning to the **process heat** that would otherwise be lost. Used for recuperators. *SP-7 1968*

registers (computers)

Devices capable of retaining information, often that contained in a small subset (e.g., one word) of the aggregate information in a digital computer. *SP-7 1968*

regolith

The layer rock or blanket or unconsolidated rocky debris of any thickness that overlies bedrock and forms the surface of the land. *1979*

regression (statistics)

Use regression analysis

regression analysis

The statistical counterpart or analog of the functional expression, in ordinary mathematics, of one variable in terms of others. *SP-7 1968*

regulatory mechanisms (biology)

Specific processes by which living organisms control the rates of biochemical and physiological reactions involved in processes such as metabolism and cellular differentiation. *1987*

reignition

Use ignition

reinforced plastics

Plastics with some strength properties greatly superior to those of the base resin, resulting from the presence of high-strength fillers imbedded in the composition. Note: The reinforcing fillers are usually fibers, fabrics, or mats made of fibers. The plastic **laminates** are the most common and strongest. *IEEE 1968*

reinforcing materials

Fibers, filaments, fabrics, and other substances used for strengthening of matrices in **composite materials**. *1980*

Reissner-Nordstrom solution

The unique solution of general relativity theory describing a nonrotating, charged black hole. *1980*

relativistic electron beams

Beams of electrons traveling at approximately the speed of light. Used for REB. *1979*

relativistic particles

Particles with a **velocity** so large that their relativistic mass exceeds their rest mass by an amount which is significant for the computation or other considerations at hand. *SP-7 1968*

relativistic velocity

A **velocity** sufficiently high that some properties of a particle of this velocity have values significantly different from those obtaining when the particle is at rest. *SP-7 1968*

relativity

A principle that postulates the equivalence of the description of the universe, in terms of physical laws, by various observers, or for various frames of reference. Used for geometrodynamics and space-time continuum. *SP-7 1968*

relaxation method (mathematics)

An iterative numerical method for solving elliptic partial differential equations, e.g., a Poisson equation. *SP-7 1968*

relaxation time

In general, the time required for a system, object, or fluid to recover to a specified condition or value after disturbance. Specifically, the time taken by an exponentially decaying quantity to decrease in amplitude by a factor of $1/e = 0.3679$. *SP-7 1968*

reliability

Of a piece of equipment or a system, the probability of specified performance for a given period of time when used in the specified manner. *SP-7 1968*

reliability control

Use quality control

relic radiation

Background radiation resulting from the primordial big bang. *1979*

reluctance

The ratio of the magnetomotive **force** to the **magnetic flux** through any cross section of the magnetic circuit. *IEEE 1968*

reluctivity

Use reluctance

remanence

The **magnetic flux** density which remains in a magnetic circuit after the removal of an applied magnetomotive **force**. Also called retentivity. *SP-7 1968*

remote control

Control of an operation from a distance, especially by means of electricity or **electronics**; a controlling switch, lever, or other device used in this kind of control. Used for electromagnetic control. *SP-7 1968*

remote manipulator system

Devices used in space for deploying and retrieving **payloads** by **remote control**; also used for space maintenance and/or servicing of **satellites** and other **spacecraft**. *1979*

remote sensing

The collection of information about an object by a recording device that is not in physical contact with it. The term is usually restricted to mean methods that record reflected or radiated electromagnetic energy, rather than methods that involve significant penetration into the Earth. The technique employs such devices as cameras, infrared detectors, microwave frequency **receivers**, and **radar** systems. *AGI 1980*

rendezvous

The event of two or more objects meeting with zero relative **velocity** at a preconceived time and place. The point in space at which such an event takes place, or is to take place. *SP-7 1968*

Rene 95

High-strength nickel-base superalloy. *1977*

repulsion

Use force

residential energy

Household energy requirements in residences, apartments, etc.

1980

residual stress

In structures, any stress in an unloaded body. These **stresses** arise from local yielding of the material due to machining, **welding**, quenching or **cold working**. Used for internal stress.

SP-7 1968

resin matrix composites

Composite materials utilizing a matrix of filaments and/or fibers of glass, metal, or other material bound with a polymer or resin.

1980

resistivity

Use electrical resistivity

resonance

The phenomena of amplification of a free wave or oscillation of a system by a forced wave or oscillation of exactly equal period. The forced wave may arise from an impressed **force** upon the system or from a boundary condition. The growth of the resonant amplitude is characteristically linear in time. Of a system in forced oscillation, the condition which exists when any change, however small, in the frequency of **excitation** causes a decrease in the response of the system.

SP-7 1968

resonance fluorescence

The emission of **radiation** by a gas or vapor as a result of **excitation** of atoms to a higher energy level by incident **photons** at the resonance frequency of the gas or vapor. Used for resonance radiation.

1978

resonance lines

Spectral lines which occur either as **absorption** or emission lines. Used for dielectronic satellite lines.

1981

resonance radiation

Use resonance fluorescence

resonant frequencies

Frequencies at which **resonance** exists. Used for natural frequencies and vibrational frequencies (structural).

SP-7 1968

resonators

In radio and **radar** applications, **circuits** which will resonate at a given frequency, or over a range of **frequencies**, when properly excited.

SP-7 1968

respiration

The interchange of gases of living organisms and the gases of the medium in which they live. Used for apnea and inhalation.

SP-7 1968

responders

Use transponders

responses

Of devices or systems, the motions (or other **output**) resulting from **excitation** under specified conditions.

SP-7 1968

resultants

The sums of two or more vectors.

SP-7 1968

retarding ion mass spectrometers

Use mass spectrometers

reticles

Systems of lines or wires placed in the focal plane of an optical instrument to serve as a reference. Also called a reticule.

SP-7 1968

retirement for cause

Procedure, primarily on aircraft, based on fracture mechanics, which allows safe utilization of the full life capacities of each component.

1981

retort processing

One method for converting shale oil into oil similar to petroleum oils.

1979

retractable landing gear

Use landing gear

retroaction

Use retrothrust

retrofitting

Modification of equipment to incorporate changes made in later production of similar equipment; the changes may be performed in the factory or in the field.

1977

retroreflection

Reflection wherein the reflected rays return along paths parallel to those of their corresponding incident rays. Also called retroreflection.

SP-7 1968

retroreflectors

Class of optical instruments which cause reflected radiation to return along paths parallel to those of their corresponding incident rays.

1979

retorocket engines

Rocket engines fitted on or in **spacecraft**, **satellites**, or the like to produce **thrust** opposed to forward motion.

SP-7 1968

retrothrust

Thrust used for a braking maneuver; reverse thrust. Used for retroaction.

SP-7 1968

reverberation

The persistence of sound in an enclosed space, as a result of multiple reflections, after the sound source has stopped. The sound that persists in an enclosed space, as a result of repeated **reflection** or **scattering** after the source of the sound has stopped.

SP-7 1968

reverberation chambers

Chambers designed to eliminate outside noise for accurate **acoustic measurement**.

1987

reverse field pinch

A method of plasma confinement under investigation as part of the mirror and pinch programs.

1978

reverse osmosis

The application of pressure to stop or reverse the transport of solvent through a semipermeable membrane separating two solutions of different solute **concentration**. The applied pressure required to prevent the **flow** of solvent across a perfectly semipermeable membrane is called the osmotic pressure and is a characteristic of the solution.

1977

reverse time

Use reaction time

revolution (motion)

Use revolving

revolving

Moving in a path about an axis, usually external to the body accomplishing the motion. Used for revolution (motion).

SP-7 1968

Reynolds number

A nondimensional parameter representing the ratio of the **momentum** forces to the viscous forces in fluid flow. (After Osborne Reynolds, 1842-1912, English scientist). Used for critical Reynolds number.

SP-7 1968

Reynolds stress

In the mathematical treatment of a viscous, incompressible, homogeneous fluid in turbulent motion, that represents the transfer of **momentum** due to turbulent fluctuations.

SP-7 1968

Rhea (astronomy)

A natural satellite of the planet Saturn orbiting at a mean distance of 527,000 kilometers.

1979

rheocasting

Use of partially solidified metal alloys (fractions solids) fed directly into a casting machine for forming into machine parts.

1980

rheology

The study of the **deformation** and **flow** of matter.

DOE 1968

rhombic antennas

Antennas composed of long **wire radiators** comprising the sides of a rhombus. The antenna usually is terminated in an **impedance**. The sides of the rhombus, the angle between the sides, the elevation, and the termination are proportioned to give the desired **directivity**.

SP-7 1968

rhomboids

Parallelograms whose adjacent sides are not equal.

1981

ribbon parachutes

Parachutes having a canopy consisting of an arrangement of closely spaced tapes. These parachutes have high porosity with attendant stability and slight opening shock.

SP-7 1968

riblets

Longitudinal striations forming V-shaped grooves on aerodynamic and hydrodynamic surfaces. The riblet devices act to reduce large-scale disturbances near the boundary layer. These grooves are dimensional on the order of the wall **vortices** and turbulent dimensions.

1988

Richardson number

A nondimensional number arising in the study of shearing flows of a stratified fluid.

SP-7 1968

Richardson-Dushman equation

Use thermionic emission

rifts

Use geological faults

rigid rotors (plasma physics)

Ensembles of electrons moving in circular or nearly circular orbits at a constant angular frequency.

1982

RIT engines

Radio frequency ion thrusters which generate thrust by converting electric energy into a reaction **force** by utilizing an electromagnetic field. Used for radio frequency ion thruster engines.

1977

rivers

A general term for natural **fresh water** surface streams of considerable volume and permanent or seasonal **flow**, moving in definite channels toward **seas**, **lakes**, or other rivers. Rivers are large streams or ones larger than brooks or creeks, such as trunk systems and the larger branches of drainage systems.

AGI 1968

roadway powered vehicles

Surface vehicles utilizing a combination of an electrical power source embedded in a roadway and an inductive coupled power pickup.

1980

robotics

The study and development of reprogrammable devices that do multifunctional tasks, conventionally done by humans, using manipulative functions and/or sensory feedback. The extension of human capabilities to manipulate, repair, service, construct and/or manufacture in space or on the ground is of primary interest to the aerospace community.

1983

robustness (mathematics)

Insensitivity of systems to uncontrolled perturbations and independent of changes in environmental parameters as demonstrated mathematically.

1980

rock intrusions

Vertical tabular bodies of rock that fill fissures in host **rocks**. Used for dikes (geology).

DOE 1974

rock mechanics

The theoretical and applied science of the physical behavior of **rocks**, representing a branch of mechanics concerned with the response of rock to the force fields of its physical environment.

1981

rocket engines

Reaction **engines** that contain within themselves, or carry along with themselves, all the substances necessary for their operation or for the consumption or **combustion** of their fuel, not requiring of any outside substance and hence capable of operation in outer space. Used for interplanetary propulsion.

SP-7 1968

rocket launchers

Devices for launching rockets.

SP-7 1968

rocket linings

In solid rockets, the layers of inhibitors applied to the inner surface of the chamber holding the grain.

SP-7 1968

rocket nozzles

The exhaust nozzles of rockets.

SP-7 1968

rocket propellants

Agents used for consumption or **combustion** in rockets and from which the rockets derive their **thrust**, such as fuels, **oxidizers**, **additives**, catalysts or any compounds or mixtures of these. Used for multipropellants.

SP-7 1968

rocket sondes

Use sounding rockets

rocket thrust

The **thrust** of a rocket engine usually expressed in pounds.

SP-7 1968

rocket vehicles

Vehicles propelled by **rocket engines**, used to place **satellites** in orbit, place **missiles** on target or carry passengers over rails as on rocket sleds.

SP-7 1968

rockoons

High altitude **sounding** systems that consist of small solid propellant research rockets carried aloft by large plastic balloons.

SP-7 1968

rocks

Naturally formed aggregates of mineral matter occurring in large masses or fragments. Used for stones (rocks).

ASTM (D 653, D-18) 1968

roll

The act of rolling; rotational or oscillatory movement of an aircraft or similar body about a longitudinal axis through the body -- called roll for any degree of such **rotation**. The amount of this movement, i.e., the angle of roll.

SP-7 1968

rolling moments

Moments that tend to rotate an aircraft, rocket or **spacecraft** about a longitudinal axis. These moments are considered positive when they tend to depress the starboard side of the body.

SP-7 1968

ROM devices

Use read-only memory devices

Ronchi test

An improvement on the Foucault knife-edge test for curved mirrors, in which the knife edge is replaced with a **transmission** grating with 15 to 80 lines per centimeter, and the pinhole source is replaced with a slit or a section of the same grating.

1977

room temperature

A temperature in the range of 20 to 30 C (68 to 85 F).

ASTM (E-41, E-1) 1968

root-mean-square errors

In statistics, the square root of the arithmetic mean of the squares of the deviations of the various items from the arithmetic mean of the whole.

SP-7 1968

Rossby waves

Use planetary waves

rotary engines

A positive **displacement** engine consisting of a rotor and stator. The control volume which encloses the working fluid during the thermodynamic cycle moves in a generally circular motion rather than a linear motion as in a piston engine.

1984

rotating

Use rotation

rotation

The motion of a body about some straight line wherein the particles of the body along the line or its extensions have a zero **velocity** relative to some reference. The line of stationary particles is called the axis of rotation. Used for rotating, whirl, and whirling.

ASTM (E 556, E-17) 1968

rotational flow

Use vortices

Rotifera

A phylum of multicellular animals in the subkingdom Eumatazoa.

DOE 1969

rotor body interactions

Aerodynamic interactions between a helicopter rotor and a body.

1982

rotor disks

Use turbine wheels

rubber

A material that is capable of recovering from large deformations quickly and forcibly, and can be, or already is modified to a state in which it is essentially insoluble (but can swell) in boiling solvent such as benzene, methyl ethyl ketone, and ethanol-toluene azeotrope.

ASTM (D 1079, D-8) 1968

Runge-Kutta method

A method for the numerical solution of an ordinary differential equation.

DOE 1968

rutile

A mineral form of titanium oxide (TiO₂) (tetragonal crystallization), but usually produced chemically for use in **ceramics** and other products.

ASTM (C 242, C-21) 1968

S

S waves

Waves in an elastic media which cause an element of the medium to change its shape without a change in volume. Mathematically, S waves are ones whose velocity field has zero **divergence**. Used for secondary waves, shear disturbances, and shear waves.

SP-7 1968

Sabot projectiles

Projectiles having devices fitted around or in back of the projectiles in gun barrels or launching tubes to support or protect the projectiles or to prevent the **escape** of gas ahead of it. The sabot separates from the projectile after launching.

SP-7 1968

sabotage

Deliberate destructive action that may be directed against property, processes, systems, organizations, governments, or people and that is intended to prevent a process, undermine a group, or interfere with progress towards a goal.

1980

SAGE satellite

Spacecraft for the study of stratospheric **aerosols** and gases. Used for Stratospheric Aerosol & Gas Experiment.

1979

Sagnac effect

A **phase shift** (and consequent measurable **rotation** rate) caused by nonreciprocity (different optical path lengths) of two counterpropagating light waves traveling in the same coil in a fiber optic gyro or ring interferometer.

1985

salt beds

Deposits of sodium chloride and other salts resulting from the **evaporation** and/or precipitation of ancient **oceans**.

1979

salt flats

Use flats (landforms)

samples

Physical or biological specimens intended to be representative of the whole. *ASTM (A 1644, A-4) 1968*

sampling

Obtaining of a portion representative of the material concerned. *ASTM (C 998, C-26; D 1129, D-19) 1968*

sand dunes

Use dunes

Sargasso Sea

A region in the Atlantic characterized by mixing ocean currents and a lack of winds. Located northeast of the West Indies. *1980*

SarSat

The US satellite of the COSPAS-SarSat project for the search and rescue of distressed vehicles, administered by USSR, US, French, and Canadian agencies. Used for Search and Rescue Satellite. *1983*

satellite atmospheres

The atmospheres that are found on natural satellites. *1980*

satellite communication

Use of **communication satellites**, passive reflecting belts of **dipoles** or needles, or reflecting orbiting balloons to extend the range of radio communication by returning signals to Earth from the orbiting object, with or without amplification. *1986*

satellite defense

Use spacecraft defense

satellite repair

Use orbital servicing

satellite surfaces

The crust and soil of natural satellites. *1980*

Satellite Tracking and Data Acq Network

Use STDN (network)

satellites

Any objects, man-made or natural, that orbit **celestial bodies**. *1987*

saturation (chemistry)

The state of a solution when it holds the maximum **equilibrium** quantity of dissolved matter at a given temperature. *1981*

Saturn atmosphere

The outer shell of gas surrounding the planet Saturn. *1976*

Saturn satellites

The natural satellites of the planet Saturn. *1980*

scalars

Any physical quantity whose field can be described by a single numerical value at each point in space. *SP-7 1968*

scale effect

Any variation in the nature of the **flow** and in the **force** coefficients associated with a change in value of the **Reynolds number**, i.e., caused by change in size without change in shape. *SP-7 1968*

scale height

A measure of the relationship between density and temperature at any point in the atmosphere. *DOE 1968*

scale models

Three-dimensional representations of objects or structures containing all parts in the same proportion as their true size. *DOE 1968*

scalers

Devices that produce **output pulses** whenever a prescribed number of input pulses have been received. *SP-7 1968*

scanners

Radar mechanisms incorporating such things as rotatable **antennas**, **radiators**, motor drives, or mountings for directing a searching radar beam through space and imparting target information to an indicator. Used for scanning devices. *SP-7 1968*

scanning

In **radar**, the motion of the antenna assembly when searching for targets. *SP-7 1968*

scanning devices

Use scanners

scanning electron microscopy

A type of **electron microscopy** in which a beam of electrons, a few hundred angstroms in diameter, systematically sweeps over the specimen. The **intensity** of secondary electrons generated at the point of impact of the beam on the specimen is measured and the resulting signal is fed into a cathode-ray-tube display which is scanned in **synchronism** with the **scanning** of the specimen. *1992*

scanning laser acoustic microscope (SLAM)

Use acoustic microscopes

scarps

Use escarpments

scars (geology)

Use erosion

SCATHA satellite

Satellite for investigating spacecraft charging at high altitudes. A joint NASA-Air Force venture. Used for P78-2 satellite. *1979*

scatter plates (optics)

Holograms of diffusing screens for **scattering** incident light by the process of **diffraction**. *1981*

scatter propagation

Specifically, the long-range **propagation** of radio signals by **scattering** due to index of refraction inhomogeneities in the **lower atmosphere**. *1968*

scatterers

Use scattering

scattering

The process by which small particles suspended in a medium of a different index of **diffraction** diffuse a portion of the incident **radiation** in all directions. In scattering, no energy transformation results, only a change in the spatial distribution of the radiation. Used for scatterers. *SP-7 1968*

scattering coefficients

Measures of the **attenuation** due to **scattering** of **radiation** as it traverses a medium containing scattering particles. *SP-7 1968*

scattering cross sections

The hypothetical areas normal to the incident **radiation** that would geometrically intercept the total amount of radiation actually scattered by a **scattering** particle. They are also defined, equivalently, as the cross section areas of isotropic scatterers (spheres) which would scatter the same amount of radiation as the actual amount. *SP-7 1968*

scattering functions

The intensities of scattered **radiation** in a given direction per lumen of **flux** incident upon the **scattering** material. *SP-7 1968*

SCCF

Use Solar Cell Calibration Facility

Schach effect

When a slowly or nonrotating satellite is heated on its sunward side, the **photons** of **thermal radiation** carry away more **momentum** from the hot sunward side than the cold shadowed side, thereby giving the satellite a certain net acceleration in the direction away from the **sun**. This effect was discovered by Milton Schach in the course of an investigation of unknown perturbations in the LAGEOS satellite. *1980*

schist

A strongly foliated crystalline rock formed by dynamic metamorphism which can be readily split into thin flakes or slabs due to the well developed parallelism of more than 50% of the **minerals** present. *DOE 1969*

Schlieren photography

A method of photography for flow patterns that takes advantage of the fact that light passing through a density gradient in a gas is refracted as though it were passing through a prism. *SP-7 1968*

Schuler tuning

Adjusting a system performing the function of a pendulum so that it has a period of 84 minutes. *SP-7 1968*

scintillation

Generic term for rapid variations in apparent position, **brightness**, or color of a distant luminous object viewed through the atmosphere. A flash of light produced in a phosphor by an ionizing event. On a radar display, a rapid apparent **displacement** of the target from its mean position. *SP-7 1968*

scintillation counters

The combinations of phosphor, photomultiplier tube, and associated **circuits** for counting scintillations. Used for scintillators and scintillometers. *SP-7 1968*

scintillators

Use scintillation counters

scintillometers

Use scintillation counters

SCPC transmission

Use single channel per carrier transmission

screw pinch

A cylindrical **plasma equilibrium** in which the axial and azimuthal components of the **vacuum** field are of the same size. *1981*

scrubbers

Apparatus used in **sampling** and in gas cleaning in which the gas

is passed through a space containing wetted 'packing' or spray. *ASTM (D 1356, D-22) 1968*

SDV

Use Shuttle Derived Vehicles

sea breeze

A coastal, local wind that blows from sea to **land** caused by temperature differences when the sea surface is colder than the adjacent land. *1979*

sea floor spreading

A hypothesis that the oceanic crust is increasing by convective upwelling of **magma** along the **mid-ocean ridges** or world rift system, and by a moving-away of the new material at a rate of one to ten centimeters per year. This movement provides the source of dynamic **thrust** in the hypothesis of plate tectonics. *AGI 1968*

sea keeping

Maintaining the stability of a surface vessel in linear response to wave height, pitch, heave, **center of gravity**, and bow acceleration. *1979*

sea law

United Nations declaration regarding rights to **minerals** and other marine resources. *1980*

sea level

The level of the surface of the ocean; especially, the mean level halfway between high and low tide used as a standard in reckoning **land** elevation or sea depths. *1981*

sea walls

Use breakwaters

seamounts

Elevations of the ocean floor rising to about 3000-1000 feet or more with the summit about 1000-6000 feet below **sea level**. *1980*

Search and Rescue Satellite

Use SarSat

Search for Extraterrestrial Intelligence

Use Project SETI

seas

Inland bodies of salt water or geographic divisions of **oceans** or ocean areas of wave generation. *AGI 1968*

seat belts

Safety belts that fasten across the lap. *SP-7 1968*

secondary cosmic rays

Secondary emission in the atmosphere stimulated by primary cosmic rays. Used for Moliere formula. *SP-7 1968*

secondary emission

Emission of subatomic particles of **photons** stimulated by primary **radiation**; for example, **cosmic rays** impinging on other particles and causing them, by disruption of their electron configurations or even of their nuclei, to emit particles or photons or both in turn. *SP-7 1968*

secondary ion mass spectrometry

Mass spectrometry performed on **ions** sputtered from a sample by a primary ion beam. *1991*

secondary radar

A **radar** technique or mode of operation in which the return signals are obtained from **beacons**, **transponders**, or repeaters carried by the targets, contrasted with primary radar in which the return signals are obtained by **reflection** from the targets. *IEEE 1968*

secondary waves

Use S waves

sedimentary rocks

Rocks resulting from the consolidation of loose **sediments** that have accumulated in layers, e.g., clastic rocks (such as fragments of older rocks transported from their source and deposited in water or from air or **ice**). Sedimentary rocks constitute one of the three main classes into which rocks are divided, the others being **igneous rocks** and **metamorphic rocks**. *AGI 1968*

sediments

Solid fragmental materials that originate from **weathering** of **rocks** and are transported or deposited by air, water, or **ice**, or that accumulate by other natural agents, such as chemical precipitation from solution or secretion by organisms, and that form in layers on the Earth's surface at ordinary temperatures in a loose, unconsolidated form; e.g., sand, gravel, silt, mud, till, loess, and **alluvium**. *AGI 1968*

Seebeck coefficient

Use Seebeck effect

Seebeck effect

The establishment of an **electric potential** difference tending to produce a **flow** of current in a circuit of two dissimilar metals the junctions of which are at different temperatures. Used for Seebeck coefficient. *SP-7 1968*

seismic waves

The disturbance of earth tremors produced by a mechanical disturbance on the surface or underground. Used for electroseismic effect. *DOE 1968*

seismocardiography

The measurement of the high frequency vibrations of the heart. *1968*

seismology

The study of **earthquakes**, by extension, the structure of the interior of the Earth via both natural and artificially generated seismic signals. *DOE 1968*

selective surfaces

Surfaces, often coated, for which the spectral optical properties, such as **reflectance**, **absorptance**, emittance, or **transmittance** vary significantly with wavelength. Such properties are of interest in solar energy applications. Used for solar selective coatings. *1983*

selenology

That branch of **astronomy** that treats of the **moon**, its magnitude, motion, constitution, and the like. Selene is Greek for moon. *SP-7 1968*

self adaptive control systems

Particular types of **stability augmentation** systems which change the **responses** of given control inputs by constantly **sampling** responses and adjusting their gain, rather than having fixed or selective gain systems. *SP-7 1968*

self diffusion (solid state)

The spontaneous movement of an atom to a new site in a crystal of its own species. *1976*

self regulating

Use automatic control

self subtraction holography

Use holographic subtraction

self tests

Programmed functions performed by a machine, either automatically at start-up or on user demand, that test the working order of the machine. In particular, programs stored in read-only memory that test the integrity of a machine's **integrated circuits** and the connections between the circuits and the devices they control. *1986*

SEM (microscopy)

Use scanning electron microscopy

semicircular canals

Structures of the inner ear, the primary function of which is to register movement of the body in space. They respond to change in the rate of movement. *SP-7 1968*

semiconductor devices

Electron devices in which the characteristic distinguishing electronic **conduction** takes place within semiconductors. *SP-7 1968*

semiconductor diodes

Two-electrode **semiconductor devices** utilizing the rectifying properties of junctions or point contacts. *1977*

semiconductor insulator semiconductors

Use SIS (semiconductors)

semiconductors (materials)

Electronic **conductors**, with resistivity in the range between metals and insulators, in which the electrical charge carrier concentration increases with increasing temperature over some temperature range. Certain semiconductors possess two types of carriers, namely, negative electrons and positive holes. *SP-7 1968*

senders

Use transmitters

sensibility

Use sensitivity

sensitivity

Response of a mathematical model to variations of the input parameters. Used for insensitivity and sensibility. *DOE 1968*

sensitometry

The measurement of the light response characteristics of photographic film under specified conditions of exposure and development. *SP-7 1975*

sensors

Devices designed to respond to physical stimuli (as temperature, illumination, and motion) and transmit a resulting signal for interpretation, or measurement, or for operating a control. Used for pickoffs and pickups. *ASTM (D 1356, D-22) 1968*

SEOCS (satellite)

An ESA meteorological satellite designed for sun-Earth observation and climatology. *1977*

SEPAC (payload)

Space experiment **particle accelerators**. A Spacelab 1 payload that experiments on the Earth's ionosphere and magnetosphere. Used for Space Exper with Particle Accelerators. 1981

sequential control

Control by completion of a series of one or more events. SP-7 1968

series expansion

In mathematics, a divergent series of terms the sum of which is asymptotic or ascending. 1976

servomechanisms

Control systems incorporating **feedback** in which one or more of the system signals represent mechanical motion. SP-7 1968

SES

Use surface effect ships

SES (Shuttle)

Use Shuttle Engineering Simulator

SETI

Use Project SETI

Severe Storms Observing Satellite

Use StormSat satellite

sewers

Networks of pipelines for the transportation of metabolic and/or industrial wastes for disposal. 1980

sextants

Double reflecting instruments for measuring angles, primarily altitudes of **celestial bodies**. SP-7 1968

SFAR

Use sound fixing and ranging

sferics

Use atmospherics

SGEMP

Use system generated electromagnetic pulses

shadowgraph photography

Photography in which steep density gradients in the **flow** about a body are made visible, the body itself being presented in silhouette. Used for shadowgraphs and spark shadowgraph photography. SP-7 1968

shadowgraphs

Use shadowgraph photography

shadows

Darknesses in regions, caused by obstructions between the source of light and the regions. SP-7 1968

shales

Fine grained detrital **sedimentary rocks**, formed by the consolidation (especially by compression) of clay, silt, or mud. They are characterized by finely laminated structures, which impart a fissility approximately parallel to the bedding, along which **rocks** break readily into thin layers and are commonly most conspicuous on weathered surfaces. They are characterized by an appreciable content of clay **minerals** and detrital **quartz**; thinly laminated or fissile claystones, siltstones, or mudstones. AGI 1968

shape control

The control of large flexible platforms in orbit by means of **actuators** strategically located. 1980

shape memory alloys

Martensitic **alloys** (titanium-nickel) which exhibit shape recovery characteristics by stress-induced transformation and reorientation. Reverse transformation during heating restores the original grain structure of the high temperature phase. 1980

shatter cones

Distinctively striated conical rock fragments along which fracturing has occurred, ranging in **length** from less than a centimeter to several meters, and generally found in nested or composite groups in **rocks** of cryptoexplosion structures and believed to be formed by **shock waves** generated by meteorite impact. 1979

shear disturbances

Use S waves

shear fatigue

Use shear stress

shear strain

The tangent of the angular change, due to **force**, between two lines originally perpendicular to each other through a point in a body. ASTM (E 6, E-28) 1968

shear strength

The maximum **shear stress** which a material is capable of sustaining. Shear strength is calculated from the maximum load during a shear or torsion test and is based on the original dimensions of the cross section of the specimen. ASTM (E 6, E-28) 1968

shear stress

The stress component tangential to the plane on which the forces act. Used for shear fatigue and shearing stress. ASTM (E 6, E-28) 1968

shear waves

Use S waves

shearing stress

Use shear stress

sheet molding compounds

Resin matrix of polymer matrix **fiber composites** formed into sheets and used as molding materials for structures. 1993

shellfish

Aquatic invertebrate animals having shells. 1982

shergottites

Achondritic stony meteorites composed mainly of pigeonite and maskolyne. AGI 1972

shielding

The arrangement of shields used for any particular circumstance; the use of shields. SP-7 1968

ship to shore communication

Communication between a ship at sea and a shore station. 1983

Shiva laser system

High energy multi-arm solid state (Nd doped ED-2 glass) infrared laser system used for laser driven fusion experiments. 1979

shock (physiology)

Clinical manifestations of circulatory insufficiency, including hypotension, weak pulse, tachycardia, pallor, and diminished urinary output. 1976

shock absorbers

Devices for the dissipation of energy used to modify the response of a mechanical system to applied shock. SP-7 1968

shock diffusers

Use diffusers

shock fronts

Shock waves regarded as the forward surfaces of fluid regions having characteristics different from those of the region ahead of the wave. The front sides of shock waves. SP-7 1968

shock spectra

Plots of the maximum acceleration experienced by single degree of freedom systems as a function of their own natural frequency in response to applied shocks. SP-7 1968

shock tubes

Relatively long tubes or pipes in which very brief high speed gas flows are produced by the sudden release of gas at very high pressure into low pressure portions of the tubes; the high speed flows move into the region of low pressure behind **shock waves**. SP-7 1968

shock tunnels

Shock tubes used as **wind tunnels**. SP-7 1968

shock waves

Surfaces or sheets of **discontinuity** (i.e., abrupt changes in conditions) set up in supersonic fields of flow, through which the fluids undergo a finite decrease in **velocity** accompanied by a marked increase in pressure, density, temperature, and **entropy**, as occurs, e.g., in supersonic flows about bodies. Used for bow shock waves. SP-7 1968

Shoran

A **precision** electronic position fixing system using a pulse transmitter and receiver and two transponder **beacons** at fixed points. Used for short range navigation. SP-7 1968

short circuit currents

The steady value of the input alternating currents that **flow** when the **output** direct current terminals are short-circuited and rated line alternating voltage is applied to the line terminals. 1983

short range navigation

Use Shoran

shunts

Use circuits

shutdowns

The processes of decreasing engine thrusts to zero. SP-7 1968

Shuttle Derived Vehicles

New configuration resulting from the production and operation of the Space Shuttle. Used for SDV. 1982

Shuttle Engineering Simulator

Training equipment for crew members in mission operation procedures including various approach maneuvers, braking, final approach, etc. 1980

Shuttle pallet satellites

Reusable pallet type structures designed to be shuttle launched which will act as building blocks for larger platforms. Used for SPAS (ESA platforms). 1982

SI

Use International System of Units

sialon

Any composition containing silicon, aluminum, oxygen, and nitrogen and usually produced by the high-temperature reactions among the ingredients. 1980

SID (ionospheric disturbances)

Use sudden ionospheric disturbances

sidereal time

Time based upon the **rotation** of the Earth relative to the vernal equinox. SP-7 1971

siderites

A spathic iron ore; an iron carbonate. DOE 1968

signal to noise ratios

Ratios which measure the comprehensibility of a data source or transmission link, usually expressed as the root mean square signal amplitude divided by the root mean square noise amplitude. SP-7 1968

silica

Use silicon dioxide

silica gel

A colloidal, highly absorbent silica used as a dehumidifying and dehydrating agent, as a catalyst carrier, and sometimes as a catalyst. 1976

silicon dioxide

The chemically resistant dioxide of silicon. Used for Refrasil (trademark) and silica. DOE 1968

silicon solar cells

Use solar cells

silicon-on-insulator semiconductors

Use SOI (semiconductors)

silts

Use sediments

silver hydrogen batteries

Secondary batteries having silver and hydrogen **electrodes**. They have good energy density and cycle life. 1979

silviculture

The theory and practice of controlling the establishment, composition, and growth of stands of trees for the harvesting of foliage limbs, and possibly the trees themselves for **biomass**. 1979

SIMD (computers)

A type of parallel computer with multiple memories and an arithmetic logic unit for each memory. A single control unit allocates instruction execution according to the memory that holds the required operands. Used for single instruction multiple datastream. 1987

simple harmonic motion

A motion such that the **displacement** is a sinusoidal function of time. *SP-7 1968*

simplex method

A finite iterative algorithm used in linear programming whereby successive solutions are obtained and tested for optimality. *1981*

SIMS (spectrometry)

Use secondary ion mass spectrometry

sine waves

Waves which can be expressed as the sine of a linear function of time, or space, or both. Used for sinusoids. *SP-7 1968*

single channel per carrier transmission

Voice and data transmission system for **satellite communication** featuring the use of a carrier frequency for each channel of communication. Used for SCPC transmission. *1980*

single event upsets

Radiation-induced errors in microelectronic **circuits** caused when charged particles (usually from the **radiation belts** or from **cosmic rays**) lose energy by ionizing the medium through which they pass, leaving behind a wake of electron-hole pairs. *1985*

single instruction multiple datastream

Use SIMD (computers)

single stage to orbit vehicles

Second and third generation (post-Space Shuttle) vehicles studied for Earth orbit international **space transportation system**. *1977*

sinkholes

Circular depressions in a Karst area. Their drainage is subterranean, their size is measured in meters or tens of meters, and they are commonly funnel shaped. *1981*

sintering

The **bonding** of adjacent surfaces of particles in a mass of powders, usually metal, by heating. Used for presintering. *SP-7 1968*

sinuses

A term used in anatomical nomenclature to designate a cavity or hollow space. *DOE 1969*

sinusoids

Use sine waves

siphoning

The transfer of a liquid from a high to a lower level by **atmospheric pressure** forcing it up the shorter leg while the **weight** of the liquid in the longer leg causes continuous downward flow. *1980*

SIS (semiconductors)

Semiconductor devices consisting of an electrically insulating layer sandwiched between two semiconducting materials. Used for semiconductor insulator semiconductors. *1980*

site selection

Selecting the location for any physical plant (nuclear power, solar house, etc.) while considering the environmental impact, safety, etc. *1980*

size distribution

The study of the size of objects or features and their distribution. *1981*

sky waves

In radio, radio energy that is received after having been reflected by the ionosphere. *SP-7 1968*

skyhook balloons

Large free balloons having plastic envelopes, used especially for constant level meteorological observations at very high altitudes. (Originally a code name for a U.S. Navy project.) *SP-7 1968*

slant

Use slopes

slant perception

Use space perception

slewing

Of a gyro, the **rotation** of the spin axis caused by applying **torque** about the axis of rotation. In **radar**, changing the scale on the display. *SP-7 1968*

slides (microscopy)

Rectangular pieces of glass on which objects are mounted for microscopic examination. *1981*

slip flow

Rarefied gas flow in the region between Knudsen numbers 0.01 and 0.1. *1968*

slopes

The inclined surfaces of any part of the Earth's surface, as in hillslopes; also broad parts of a continent descending toward an ocean, as in the Pacific slope. Used for cant, slant, and steepness. *AGI 1968*

sloshing

Use liquid sloshing

slow neutrons

Use thermal neutrons

sludge

A water-formed sedimentary deposit. *ASTM (D 1129, D-19) 1968*

Small Water Plane Area Twin Hull

Use SWATH (ship)

smart structures

Structures and/or structural components which contain embedded internal **sensors**. The sensors serve as lifetime health monitors analogous to a central nervous system, and give information on structural properties, providing real time nondestructive evaluation. *1990*

SMM-A

Use solar maximum mission-A

SMS 1

A meteorological satellite in synchronous orbit over the Atlantic Ocean to give coverage to the Eastern US. It was launched in May 1974 and is no longer operational, but still in orbit. *1977*

SMS 2

Meteorological satellite in synchronous orbit over Honolulu to give coverage to the Western US. It was launched in February 1975 and is no longer operational, but still in orbit. *1977*

sneak circuit analysis

In electrical or electronic **circuits**, the detection and/or prevention of 'sneak circuits' -- paths having latent electrical conditions resulting from unapparent stimulus-response relationships which cause unwanted functions or inhibit desired function. 1976

snow

A form of **ice** composed of small white or translucent hexagonal crystals of frozen water, formed directly by **sublimation** of atmospheric water vapor around solid nuclei at a temperature below the freezing point. The crystals grow while floating or falling to the ground, and are often agglomerated into snowflakes. AGI 1968

Sobolev space

A Banach space whose elements are functions defined in a domain in Euclidean space and whose norm measures the size and smoothness of the functions. 1984

sodar

Sound detecton and ranging. 1980

sodium sulfates

Sodium compounds containing the -SO₄ group. 1977

sodium sulfur batteries

One of several types of rechargeable batteries under consideration as power sources for electrically actuated vehicles. This battery uses a solid electrolyte as well as a sodium reservoir made of metal. 1978

SOFAR

Use sound fixing and ranging

soft landing

The act of landing on the surface of a planet or natural satellite without damage to any portion of the vehicle or payload except possibly the **landing gear**. Used for soft recovery. SP-7 1968

soft recovery

Use soft landing

software engineering

The systematic approach to the development, operation, maintenance, and retirement of software. 1984

software tools

Computer programs that aid in the specification, construction, testing, analysis, management, **documentation**, and maintenance of other computer programs. 1983

SOHO Mission

One of the joint NASA/ESA missions comprising the International Solar Terrestrial Program. The SOHO Mission will investigate the physical processes in the solar corona and **solar wind** and the structure and **dynamics** of the solar interior. 1989

SOI (semiconductors)

Semiconductor devices consisting of a silicon layer coupled to an electrically insulating layer. Used for silicon-on-insulator semiconductors. 1986

soil mechanics

Mechanical properties of unconsolidated accumulations of particles produced by the disintegration and chemical decomposition of **rocks**. DOE 1969

solar activity

Any type of variation in the appearance of energy **output** of the **sun**. SP-7 1968

Solar and Heliospheric Observatory

Use SOHO Mission

solar atriums

Open courts within **buildings** designed for passive solar heating. 1980

solar azimuth

Use azimuth

solar backscatter UV spectrometer

A spaceborne spectrometer that measures solar UV spectral irradiance incident on the Earth and backscattered radiance from the Earth and thereby estimates the total atmospheric ozone content of the atmosphere and the attitude distribution of ozone. 1982

solar blankets

Large, high-temperature, low-mass solar arrays consisting of ultrathin silicon solar cells interconnected, welded, and bonded to flexible substances. 1979

Solar Cell Calibration Facility

One of the spacelab payloads. Used for SCCF. 1980

solar cells

Photovoltaic cells that convert sunlight into electrical energy. Used for silicon solar cells and wraparound contact solar cells. SP-7 1968

solar collectors

Devices designed to absorb incident **solar radiation** and transfer the energy to a fluid passing through it. Used for solar receivers. ASTM (E 683, E-44) 1968

solar constant

The rate at which **solar radiation** is received outside the Earth's atmosphere on a surface normal to the incident radiation and at the Earth's mean distance from the **sun**. SP-7 1968

solar cooling

Conversion of solar energy into refrigeration energy. 1977

solar cosmic rays

Cosmic rays supposedly originating in the **sun**. SP-7 1968

solar diameter

Observable dimension of the **sun**. 1980

solar disk

Use sun

solar dynamic power systems

Electric power systems using a solar heated working fluid to drive a turboalternator. Primary applications are for space stations and **spacecraft**. 1986

solar eclipses

Obscurations of the light of the **sun** by the **moon**. SP-7 1968

solar energy

The radiant energy originating from the **sun**. Approximately 99% of solar energy lies between the **wavelengths** of 300 to 3,500 nm. ASTM (E 772, E-44) 1968

solar faculae

Use faculae

solar housesHabitable **buildings** designed with large expanses of glass or other transparent materials to collect **solar radiation** for heating. 1977**solar maximum mission**Use of the **multimission modular spacecraft** for the study of solar particles, emissions, and flares. 1978**solar maximum mission-A**The **solar maximum mission spacecraft**. Used for SMM-A. 1979**solar mesosphere explorer**

A satellite whose experiments provided a comprehensive study of atmospheric ozone and the processes which form and destroy it. The satellite was launched in October of 1981. On May 15, 1989, the mission was terminated due to battery problems. 1981

solar neighborhoodThe portion of the **Milky Way Galaxy** centering around the **sun** and containing the nearest neighboring **stars**. 1987**solar neutrinos**Neutral particles originating from nuclear reactions in the core of the **sun**. 1977**solar noise**

Use solar radio emission

solar optical telescope

A 1-M class, high resolution solar telescope which NASA had planned to operate on the Shuttle Spacelab during the mid and late 1980s. Used for SOT. 1985

solar oscillationsIrregular **oscillations** in the solar atmosphere. 1979**solar parallax**The angle at the **sun** subtended by the equatorial diameter of the Earth. SP-7 1968**solar planetary interactions**The interactions and subsequent effects caused by the interactions of **solar activity** and/or wind with a planet, its magnetic field, its atmosphere, or natural satellites. 1983**solar plasma (radiation)**

Use solar wind

solar ponds (heat storage)Large, shallow **ponds** covered with thin, transparent plastic shields and used for collecting and storing solar heat for conversion to electric power. 1977**solar power satellites**Proposed very large space structures consisting of hundreds of square miles of solar thermal collectors and/or photovoltaic **converters** constructed or assembled in space. Power would be transmitted to Earth in microwave form. 1981**solar powered aircraft**Aircraft powered by **solar energy**. 1981**solar prominences**Filamentlike protuberances from the **chromosphere** of the **sun**. Used for filaments (solar physics). SP-7 1968**solar radiation**The total **electromagnetic radiation** emitted by the **sun**.

SP-7 1968

solar radio burstsSudden increases in the **flux** from the **sun** at **radio frequencies**. SP-7 1968**solar radio emission**Radiation at **radio frequencies** originating from the **sun** or its corona. Used for solar noise and solar radio waves. SP-7 1968**solar radio waves**

Use solar radio emission

solar receivers

Use solar collectors

solar selective coatings

Use selective surfaces

solar simulatorsDevices which produce thermal energy, equivalent in **intensity** and spectral distribution to that from the **sun**, used in testing materials and space vehicles. SP-7 1968**solar system**The **sun** and other **celestial bodies** within its gravitational influence, including **planets**, **asteroids**, **satellites**, **comets**, and meteors. SP-7 1968**solar system evolution**The origin and development of the **solar system**. 1991**solar thermal electric power plants**The use of **solar energy** to generate steam for producing electricity. 1982**solar thermal propulsion**

Proposed energy source for spacecraft propulsion by passing hydrogen through a heat exchanger placed at the focal point of a large parabolic dish solar concentrator mirror. 1980

solar total energy systemsSystems for converting **solar energy** directly into electrical and thermal energy. 1979**solar transition region**A layer of the solar atmosphere only a few hundred miles thick between the **chromosphere** and the corona across which the temperature rises rapidly from a few times $10(\exp 4)$ K to the order of $10(\exp 6)$ K. 1993**solar wind**Streams of plasma flowing approximately radially outward from the **sun**. Used for solar plasma (radiation). SP-7 1968**solettas**

Orbiting solar mirrors (reflectors). 1980

solid cryogen cooling

Cooling with solidified cryogenic fluids. 1980

solid cryogens

Solidified cryogenic fluids. 1980

solid electrolytesSingle crystals, certain **alloys**, alkaline metals, and other compact compounds used in galvanic cells (batteries). 1980

solid propellant combustion

The burning of **solid propellants** by rapid **oxidation** and production of expanding gases, heat, and light. 1978

solid propellant rocket engines

Rocket engines fueled with **solid propellants**. Such **motors** consist essentially of a combustion chamber containing the propellant, and a nozzle for the exhaust jet, although they often contain other components, such as grids or liners. SP-7 1968

solid propellants

Specifically, a rocket propellant in the solid form, usually containing both fuel and oxidizer combined or mixed, and formed into a monolithic (not powdered or granulated) grain. SP-7 1968

solid state devices

Devices which utilize the electric, magnetic, and photic properties of the solid materials, e.g., binary magnetic cores or transistors. SP-7 1968

Solrad 10 satellite

Use Explorer 44 satellite

solstices

The two points of the **ecliptic** farthest from the celestial equator; two points on the **celestial sphere** occupied by the **sun** at maximum **declination**. SP-7 1968

solvation

The process of swelling, getting, or dissolving of a material by a solvent; for resins, the solvent can be plasticized. 1981

solvent refined coal

Low-sulfur distillate fuels from **coal**, plus the byproducts of methane, light hydrocarbons, and naphtha, all useful for making pipeline gas, ethylene, and high-octane unleaded gasoline. 1980

solvent retention

The occurrence of solvent residues in chemical or material end products or intermediates. 1981

solvents

The liquid part of an aerosol formulation used to dissolve solid or other liquid parts. Used for thinners. ASTM (D 3064, D-10) 1968

sonar

A method or system, analogous to **radar** used under water, in which high frequency **sound waves** are emitted so as to be reflected back from objects, and used to detect the objects of interest. Called **asdic** by the British. (From **SOund**, **NAvigation**, and **Ranging**.) SP-7 1968

sonic booms

Noises created by **shock waves** that emanate from aircraft or other objects traveling at or above sonic velocity. SP-7 1968

sonic flow

Use transonic flow

sonic speed

Use acoustic velocity

sonic waveguides

Use acoustic delay lines

sorbates

Gas taken up by **sorbents**. SP-7 1973

sorbents

The materials which take up gas by **sorption**. SP-7 1968

sorghum

Any of a number of related cereal grasses with sweet juicy stalks cultivated as farm crops for grain, fodder, syrup, etc. 1980

sorption

The taking up of gas by **absorption**, **adsorption**, **chemisorption**, or any combination of these processes. Used for cryosorption. SP-7 1968

SOT

Use solar optical telescope

sound

Use acoustics

sound barrier

Use acoustic velocity

sound fields

Regions containing **sound waves**. SP-7 1968

sound fixing and ranging

A method for acoustically tracking submerged bodies or floats utilizing fixed **hydrophones**. Used for SFAR and SOFAR. 1982

sound generators

Transducers which convert electrical, mechanical or other forms of energy into sound. Used for acoustic generators. SP-7 1968

sound intensity

In a specified direction at a point, the average rate of sound energy transmitted in the specified direction through a unit area normal to this direction at the point considered. SP-7 1968

sound measurement

Use acoustic measurement

sound pressure

At a point, the total instantaneous pressure at that point in the presence of a sound wave minus the static pressure at that point. SP-7 1968

sound velocity

Use acoustic velocity

sound waves

Mechanical disturbances advancing with infinite **velocity** through an elastic medium, and consisting of longitudinal displacements of the medium, i.e., consisting of compressional and rarefactional displacements parallel to the direction of advance of the disturbance; a longitudinal wave. Sound waves are small amplitude adiabatic **oscillations**. Used for acoustic radiation and acoustic vibrations. SP-7 1968

sounders

Use sounding

sounding

Any penetration of the natural environment for scientific observation usually by **sounding rockets** or balloons. Used for sounders. SP-7 1968

sounding rockets

Rockets designed primarily for routine upper air observation (as opposed to research) in the lower 250,000 feet of the atmosphere,

especially that portion inaccessible to balloons, i.e., above 100,000. Used for meteorological rockets and rocket sondes. *SP-7 1968*

Southern sky

That portion of the **celestial sphere** between the celestial equator and the celestial south pole (and generally visible from areas in the Earth's southern hemisphere). *1980*

space based radar

Radar systems installed on large space structures. *1980*

space biology

Use exobiology

space capsules

Containers used for carrying out experiments in space. Used for capsules (spacecraft). *SP-7 1968*

space charge

The electric charge carries by a cloud or stream of electrons or **ions** in a vacuum or a region of low gas pressure when the charge is sufficient to produce local changes in the potential distribution. The net electric charge within a given volume. *SP-7 1968*

space commercialization

For profit activities in space or prefatory to space activity. *1984*

space cooling (buildings)

The cooling of buildings with a **solar energy** system which incorporates water chillers controlled by thermostats and other devices to provide a comfortable living environment. *1980*

Space Exper with Particle Accelerators

Use SEPAC (payload)

space heating (buildings)

Heating of living areas for the comfort of occupants (human and/or animal) by any means (electricity, fuels, **solar radiation**, etc.). *1979*

space medicine

Use aerospace medicine

space observations (from Earth)

Surveillance of extraterrestrial phenomena from the Earth's surface. *1980*

space operations center (NASA)

A proposed NASA space station to be assembled in space that is designed for conducting space based operations such as satellite servicing, orbit transfer vehicle launch and recovery, and assembly of large space structures. Onboard capabilities could include space manufacturing and research experiments. When fully assembled it will be larger in size than the Space Shuttle. *1983*

space perception

The ability to estimate depth or distance between points in the field of vision. Used for depth perception, distance perception, form perception, and slant perception. *SP-7 1968*

space plasmas

Concentrations of **free electrons** and **protons** in the ionosphere, **plasmasphere**, and beyond. *1980*

space platforms

Gimbal-mounted platforms equipped with gyros and **accelerometers** for maintaining a desired orientation in inertial space independent of spacecraft motion. *1980*

space processing

Forming and fabrication techniques aboard a **spacecraft** in a weightless or low-gravity environment and involving improved chemical and/or physical procedures for the creation of new or better products. *1976*

Space Processing Applications Rocket

Sounding rocket used for **space processing** experiments by NASA. Used for SPAR (rocket). *1977*

space radiation

Use extraterrestrial radiation

Space Shuttle ascent stage

Shuttle take-off configuration comprising the orbiter, solid rocket boosters, and external tank. *1980*

Space Shuttle main engine

Liquid propellant propulsion system using fuel drawn from external tanks to provide power for the orbiter to attain orbital speed. *1979*

space shuttle orbital flight tests

Use Space Transportation System flights

Space Shuttle orbital flights

Use Space Transportation System flights

Space Shuttle upper stage A

A version of a **spinning solid upper stage** centered around an Atlas Centaur launch vehicle. Used for SSUS-A. *1977*

Space Shuttle upper stage D

A version of a **spinning solid upper stage** centered around a Delta launch vehicle. Used for SSUS-D. *1977*

Space Shuttle upper stages

A collective term for the various types of upper stages planned for the Space Shuttle. *1977*

space simulators

Devices used to simulate one or more parameters of the space environment used for testing space systems or components. Specifically, a closed chamber capable of approximating the **vacuum** and normal **environments** of space. Used for orbital simulators. *SP-7 1968*

space suits

Pressure suits for **wear** in space or at very low ambient pressures within the atmosphere, designed to permit the wearer to leave the protection of a pressurized cabin. *SP-7 1968*

space transportation system

A joint NASA-DOD advanced space transportation concept for the 1980s. The main element of the STS is the Space Shuttle. Another element is the orbit transfer vehicles-OTV. A third element called Spacelab is designed and manufactured by the European Space Agency, has no propulsive capability and is carried by the Space Shuttle. Used for STS. *1977*

Space Transportation System flights

Revised collective designation for all Space Shuttle flights. Used for OFT, orbital flight tests (shuttle), Space Shuttle orbital flight tests, and Space Shuttle orbital flights. *1979*

space vehicles

Use spacecraft

space-time continuum

Use relativity

spaceborne experiments

A collective term designating the various experiments performed or planned in orbiting **spacecraft** and usually involving physical phenomena in space **environments**. 1977

spacecraft

Devices, manned and unmanned, which are designed to be placed into an orbit about the Earth or into a trajectory to another celestial body. Used for space vehicles. SP-7 1968

spacecraft charging

Electric charge induction upon the surface of a **spacecraft** by magnetospheric plasmas or other ion sources. 1977

Spacecraft Charging at High Altitude

Use SCATHA satellite

spacecraft defense

The protection of **spacecraft** from undesirable external forces. Used for satellite defense. 1982

spacecraft docking

The act of coupling two or more orbiting objects; the operation of mechanically connecting together, or in some manner bring together orbital **payloads**. Used for docking. SP-7 1968

spacecraft survivability

The ability of a **spacecraft** to survive adverse conditions including **reentry** problems. 1982

Spacecraft Tracking and Data Network

Use STDN (network)

Spacelab payloads

A general, collective term for the diverse and numerous ESA **payloads** planned for space experiments. 1976

Spacelab UV-Optical Telescope Facility

Use Starlab

spacetennas

The transmitting **antennas** of a solar power satellite transmission system which directs the high-power beam from space to a focus on the **rectennas** on Earth. 1980

spanloader aircraft

Advanced distributed-load cargo aircraft configurations in which the **payloads** are distributed across the span of the wing for a close match between aerodynamic and inertial loading for minimal bending stresses. 1978

SPAR (rocket)

Use Space Processing Applications Rocket

spark shadowgraph photography

Use shadowgraph photography

SPAS (ESA platforms)

Use Shuttle pallet satellites

spatial isotropy

Use isotropy

spatial marching

Techniques for solving partial differential equations that move along in a space direction. 1981

spatial orientation

Use attitude (inclination)

spatial resolution

The **precision** with which an optical instrument can produce separable images of different points on an object. 1980

specific heat

The ratio of the heat absorbed (or released) by unit mass of a system to the corresponding temperature rise (or fall). Used for Debye temperature and heat capacity. SP-7 1968

specifications

Precise statements or sets of requirements to be satisfied by materials, products, systems, or services. ASTM (E 631, E-6) 1968

speckle holography

An imaging technique whereby a speckle pattern results from laser illumination of a diffusely reflecting surface when interference occurs between the fields passing through the various portions of lens aperture. Information about the motion of an object can then be obtained from the imaged fringes resulting from the translation of two speckle patterns. 1987

speckle interferometry

An imaging process whereby the pattern on the image plane of an interferometer is the result of interference between two mutually coherent, but randomly speckled, fields of two, lens formed images from laser illuminated, diffusely reflecting surfaces. 1987

spectral absorption

Use absorption spectra

spectral lines

Use line spectra

spectral noise

Use white noise

spectral reflectance

The ratio of the reflected **flux** to the spectrally homogeneous incident flux. ASTM (E 284, E-12) 1968

spectral sensitivity

In **electronics**, radiant **sensitivity** considered as a function of wavelength, or in physics, the response of a device or material to monochromatic light as a function of wavelength; also known as spectral response. 1977

spectral shift control

Type of reactor moderator control in which the neutron spectrum is intentionally changed. 1978

spectroheliographs

Instruments for taking photographs (spectroheliograms) of the image of the **sun** in monochromatic light. The wavelength of light chosen for this purpose corresponds to one of the **Fraunhofer lines**, usually the light of hydrogen or ionized calcium. Used for heliographs, heliography, and spectrohelioscopes. SP-7 1968

spectrohelioscopes

Use spectroheliographs

spectrophotovoltaics

The enhancement of solar cell productivity by concentrating and subdividing the sunlight spectrum and focusing on specific spectrum efficient **solar cells**. 1983

spectropolarimeters

Use polarimeters

specular reflection

Reflection in which the reflected radiation is not diffused; reflection as from a mirror. *SP-7 1968*

speech baseband compression

Technique for reducing the bandwidth required to represent the human voice waveform. *1980*

speed

Use velocity

spent fuels

Nuclear reactor fuels irradiated to the extent that they no longer can effectively sustain a chain reaction. *1980*

sphalerite

Use zincblende

spherical coordinates

A system of curvilinear coordinates in which the position of a point in space is designated by its distance from the origin or pole (the radius vector), the angle phi between the radius vector and a vertically directed polar axis (the cone angle or coaltitude) and the angle theta between the plane of the phi and a fixed meridian plane through the polar axis (the polar angle or longitude). Used for curvilinear coordinates. *1980*

spherical plasmas

Confined circular plasmas. *1980*

spheroids

Ellipsoids; figure resembling spheres. *SP-7 1968*

Spheromaks

Toroidal fusion reactors. *1980*

spicules

Bright spikes extending into the chromosome of the sun from below. *SP-7 1968*

spin glass

A magnetic alloy in which the concentration of magnetic atoms is such that below a certain temperature their magnetic moments are no longer able to fluctuate thermally in time but are still directed at random in loose analogy to the atoms of ordinary glass. *1981*

spin stabilization

Directional stability of a spacecraft obtained by the action of gyroscopic forces which result from spinning the body about its axis of symmetry. *SP-7 1968*

spinning solid upper stage

Space Shuttle upper stage designed for launching of satellites not requiring the full capacity of the interim upper stage; does not require inertial guidance system nor three-axis stabilization; can handle payloads of the class now launched by Delta or Atlas/Centaur. *1977*

splits (geology)

Use geological faults

spoilers

Plates, series of plates, combs, tubes, bars, or other devices that project into the airstream about bodies to break up or spoil the smoothness of the flow, especially such devices that project from the upper surface of an airfoil, giving increased drag and decreased lift. *SP-7 1968*

spores

The reproductive elements of the lower forms of living organisms, usually unicellular. *SP-7 1968*

SPOT (French satellite)

French satellite with high visible resolution for observations of the Earth. It was launched in February 1986. The acronym is derived from the French, Satellite Pour Observation de la Terre. *1980*

spread reflection

Reflection of electromagnetic radiation from a rough surface with large irregularities. Also known as mixed reflection. *1976*

spread spectrum transmission

Communications technique with many different signal waveforms transmitted in a wide band; power is spread thinly over the band so that narrow-band radios can operate within the band without interference. *1977*

spring (season)

The season of the year between winter and summer. Its beginning is the vernal equinox and its end the summer solstice. *1983*

springs (water)

Places where ground water flows naturally from rocks onto the land surface or into a body of surface water. Their occurrence depends on the nature and relationship of rocks, especially permeable and impermeable strata, on the position of the water table, and on the topography. *AGI 1976*

sputtering

Dislocation of surface atoms of a material from bombardment of high energy atomic particles. *SP-7 1968*

squama

A scale or structure resembling a scale. *1981*

square waves

Oscillations, the amplitudes of which show periodic discontinuities between two values, remaining constant between jumps. Specifically, in radar pulses initiated by a rapid rise to peak power, maintained at a constant peak power over the finite pulse length, and terminated by rapid decrease from peak power. *SP-7 1968*

square wells

The impurity potential areas which bound an electron or hole in semiconducting crystals such as silicon. *1980*

squeeze casting

The technique of working liquid metals under pressure into near net shapes; it includes the technique of forging metal compounds. *1993*

squeeze films

Thin viscoelastic fluid films squeezed between two usually planar structures to serve as sealants, load dampers, lubricants, etc. *1979*

squeezed states (quantum theory)

Single mode minimum uncertainty states for which the fluctuations

in one quadrature phase of the field are smaller than would occur for a coherent state. Used for two photon coherent states. 1986

squibs

Various small explosive devices. Explosive devices used in the **ignition** of a rocket. Used for XM-6 squib and XM-8 squib.

SP-7 1968

squid (detectors)

Superconducting quantum interference device **magnetometers**. Used for superconducting quantum interferometers. 1976

SSUS-A

Use Space Shuttle upper stage A

SSUS-D

Use Space Shuttle upper stage D

stability augmentation

Maintenance of aircraft stability in flight by means of **automatic control** devices which supplement a pilot's manipulation of the aircraft controls. The automatic controls are used to modify inherent aircraft handling problems. 1976

STADAN (satellite tracking network)

Use STDN (network)

stadimeters

Instruments for determining the distance to an object of known dimension by measuring the angle subtended at the observer by the object. The instrument is graduated directly in distance.

SP-7 1968

stagnation point

Point in a field of **flow** about a body where the fluid particles have zero **velocity** with respect to the body. Used for stagnation region. DOE 1968

stagnation region

Use stagnation point

standard deviation

A measure of the agreement between test results.

ASTM (D 3051, D-24) 1968

standardization

The act or process of reducing something to, or comparing it with, a standard. A measure of uniformity. A special case of calibration whereby a known input is applied to a device or system for the purpose of verifying the **output** of adjusting the output to a desired level or scale factor. SP-7 1968

standards

References used as a basis for comparison or calibration. Concepts that have been established by authority, custom, or agreement to serve as models or rules in the measurement of quantity of the establishment of a practice or a procedure. Used for references (standards). ASTM (E 268, E-7) 1968

standing waves

Periodic waves having fixed distribution in space which are the result of interference of progressive waves of the same frequency and kind. Such waves are characterized by the existence of nodes or partial nodes and **antinodes** that are fixed in space.

SP-7 1968

star clusters

Groups of **stars** physically close together.

SP-7 1968

star formation

The collapse under gravity of **molecular clouds** of interstellar matter to form clusters of protostars, and the continuing collapse of the protostars to form main-sequence stars. 1986

star formation rate

The rate at which **stars** are formed within a specified region or galaxy; sometimes expressed as the number of solar masses per year. 1987

star trackers

Telescopic instruments on rockets or other flight borne vehicles that lock onto a celestial body and give guidance reference to the vehicles during flight. Used for star tracking. SP-7 1968

star tracking

Use star trackers

Stark effect

The broadening or splitting of a spectral line observed when a luminous gas is acted upon by a strong electric field. SP-7 1968

Starlab

A proposed satellite ultraviolet telescope that was a joint project between the United States, Canada, and Australia. It is currently in abeyance. Used for Spacelab UV-Optical Telescope Facility.

1979

stars

Self-luminous **celestial bodies** exclusive of nebulas, **comets**, and meteors; suns seen in the heavens. Distinguished from **planets** or natural satellites that shine by reflected light. SP-7 1968

Starsat telescope

An anastigmatic 3-mirror reflecting telescope for **ultraviolet astronomy** purposes aboard the Starsat satellite. 1979

starspots

Temporary disturbed areas in the stellar **photosphere** that appear dark because they are colder than the surrounding areas. 1981

state equations

Use equations of state

static firing

The firing of a rocket engine in a hold down position to measure **thrust** and accomplish other tests. SP-7 1968

static models

Sets of equations of physical laws to determine a balance of systems at rest. 1982

stationary orbits

Orbits in which the satellite revolves about the primary at the angular rate at which the primary rotates on its axis. From the primary, the satellite thus appears to be stationary over a point on the primary. SP-7 1968

stationkeeping

The sequence of maneuvers that maintains a vehicle in predetermined orbit. SP-7 1968

stators

In machinery, parts or assemblies that remain stationary with respect to rotating or moving parts or assemblies such as the field frames of electric motors or generators, or the stationary casings and **blades** surrounding axial flow compressor rotors or **turbine wheels**; sator blades. SP-7 1968

STDN (network)

Spaceflight Tracking and Data Network. Name changed from Space Tracking and Data Acquisition Network (STDAN). Used for Satellite Tracking and Data Acq Network, Spacecraft Tracking and Data Network, and STADAN (satellite tracking network). 1978

steady state

The condition of a substance or system whose local physical and chemical properties do not vary with time. SP-7 1970

steady state flow

Use equilibrium flow

steep gradient aircraft

Use V/STOL aircraft

steepness

Use slopes

steerable antennas

Directional antennas whose major lobe can be readily shifted in direction. SP-7 1968

steering rockets

Use control rockets

Stefan-Boltzmann law

One of the radiation laws which states that the amount of energy radiated per unit time from a unit surface area of an ideal black body is proportional to the fourth power of the absolute temperature of the black body. SP-7 1968

stellar (star tracker)

Use CCD star tracker

stellar activity

A general term encompassing stellar phenomena such as **stellar flares**, starspot activity, magnetic activity, nuclear fusion, etc. 1964

stellar color

The particular **wavelengths** of optical radiation emitted by a star. 1982

stellar cores

The central portion of the interior of **stars**. 1984

stellar coronas

Ionized regions about **stars** formed by **x rays** emitted during **stellar flares**. First discovery of a stellar corona was made aboard the Dutch ANS satellite (1975) when permanent x ray emission from the star SIRIUS was detected and measured. 1977

stellar Doppler shift

Use Doppler effect

stellar flares

Ejections of material from **stars** in eruptions that last from a few minutes to an hour or more. 1981

stellar interiors

The subsurface portions of **stars**. 1987

stellar magnitude

The measure of the relative **brightness** of a star. Stellar magnitudes are expressed in a variety of ways, according to the method or process of observation or determination. 1976

stellar mass accretion

Process by which a star accumulates matter as it moves through dense clouds of interstellar gas. 1977

stellar oscillations

Irregular fluctuations of the stellar atmospheres. 1980

stellar parallax

The subtended angle at a star formed by the mean radius of the Earth's orbit; it indicates distance to a star. 1980

stellar physics

A term that encompasses the physical properties of **stars**, such as luminosity, size, mass, density, temperature, chemical composition, evolution, activity, etc. 1985

stellar systems

Gravitationally bound groups of **stars**. SN (Excludes **planetary systems**). 1987

stellarators

Experimental thermonuclear devices where containment in a magnetic field is achieved by closing the field upon itself and thus allowing the particles to perform endless spiral motion. SP-7 1968

step faults

Use geological faults

step recovery diodes

Varactors in which forward voltage injects carriers across the junction, but before the carriers can combine, the voltage reverses and carriers return to their origin in a group. The result is an abrupt cessation of reverse current and a harmonic rich waveform. 1979

stepping motors

Motors whose rotations are in short and essentially uniform angular movements rather than a continuous motion. 1980

stereochemistry

Chemistry dealing with the arrangement of atoms and **molecules** in three dimensions. SP-7 1968

stereophonics

The use of two sound channels to mimic normal hearing. Stereophonic satellite broadcasting has now been developed. 1982

sterns

Use afterbodies

stiffness

The ratio of change of **force** (or **torque**) to the corresponding change in translational (or rotational) **displacement** of an elastic element. SP-7 1968

Stirling cycle

A theoretical heat engine cycle in which heat is added at constant volume, followed by isothermal expansion with heat addition. The heat is then rejected at constant volume, followed by isothermal compression with heat rejection. SP-7 1968

stishovite

A mineral consisting essentially of silicon trioxide. DOE 1971

stochastic processes

Ordered sets of observations in one or more dimensions, each

being considered as a sample of one item from a probability distribution. Used for Poisson process. *SP-7 1968*

stones (rocks)

Use rocks

StormSat satellite

A synchronous Earth-pointing satellite for severe storms studies. Used for Severe Storms Observing Satellite. *1977*

Stoss-and-Lee topography

Use glacial drift

strain fatigue

Use fatigue (materials)

strain gages

Instruments used to measure the strain of **distortion** in a member or test specimen (such as a structural part) subjected to a **force**. *SP-7 1968*

straits

Relatively narrow **waterways** connecting two larger bodies of water. *AGI 1968*

strange attractors

Abstract geometrical objects in theoretical physics that represent motion which is bounded but not periodic. Their detailed behavior is sensitive to external perturbations, but their overall qualitative behavior is stable. They are of particular interest in the study of **turbulence**. *1983*

strategic materials

Critical raw materials whose foreign source of supply is uncertain and subject to potential cutoff. Examples of such materials are chromium, cobalt, manganese, and platinum group metals. *1983*

stratigraphy

That branch of **geology** which treats of the formation, composition, sequence, and **correlation** of the stratified **rocks** as part of the Earth's crust. *DOE 1968*

stratosphere radiation

Any **infrared radiation** involved in the complex infrared exchange continually proceeding within the stratosphere. *SP-7 1968*

Stratospheric Aerosol & Gas Experiment

Use SAGE satellite

stratospheric warming

A temperature rise in the global stratosphere. *1988*

streak cameras

Cameras for measuring **radiation pulses** by deflection of an electron beam. *DOE 1977*

streak photography

The process of taking a time exposure photograph of a tracer particle in a fluid; the photograph reveals the motion of each tracer particle in the form of a streak which may be interpreted as a **velocity** vector. *1977*

streamline flow

Use laminar flow

stress (biology)

The effect of a physiological, psychological, or mental load on a biological organism which causes fatigue and tends to degrade proficiency. *SP-7 1968*

stress concentration

In structures, a localized area of high stress. *SP-7 1968*

stress cycles

A variation of stress with time, repeated periodically and identically. *SP-7 1968*

stress intensity factors

Load-induced variables in tension, compression, and/or shear which are conducive to crack initiation and **propagation** and fatigue fracture in materials. *1980*

stress ratio

The ratio of the minimum stress to the maximum stress occurring in one stress cycle. *SP-7 1968*

stress relaxation

The decrease in stress after a given time at constant strain. *ASTM (D 1566, D-11) 1968*

stress tensors

Complete sets of stress components in a solid or fluid medium. *SP-7 1968*

stress-strain relationships

Relationship between the stress or load on a structure, structural member, or a specimen, and the strain or **deformation** that follows. *1977*

stresses

The forces per unit area of a body that tends to produce a **deformation**. *SP-7 1968*

striation

A fracture surface marking consisting of a separation of the advancing crack front into separate fracture planes. *ASTM (C 162, C-14) 1968*

stringers

Slender, lightweight, lengthwise fill-in structural members in a rocket body, or the like, serving to reinforce and give shape to the skin. *SP-7 1968*

strong interactions (field theory)

One of the fundamental interactions of elementary particles, primarily responsible for nuclear forces and other interactions among hadrons. *1981*

strongly coupled plasmas

Highly compressed and collisional plasmas with electron densities of order 10 to the 24th power per cubic centimeter or more. The mean kinetic and potential energies of particles in the plasma are typically of the same order of magnitude. *1981*

Strouhal number

A nondimensional number occurring in the study of periodic or quasiperiodic variations in the wake of objects immersed in a fluid stream. *SP-7 1968*

structural fatigue

Use fatigue (materials)

STS

Use space transportation system

subassemblies

Assemblies that are component parts of larger assemblies. Used for subcircuits. *SP-7 1968*

subcarrier waves

Use carrier waves

subcircuits

Use circuits

subcircuits

Use subassemblies

subduction (geology)

Descent of one tectonic unit under another. Most commonly used for descent of a slab of **lithosphere**, but appropriate at any scale. 1985

subgiant stars

Celestial bodies whose position on the Hertzsprung-Russell (H-R) diagram is intermediate between that of the main-sequence stars and normal giants of the same spectral type. 1980

subgravity

Use microgravity

sublimation

The transition of a substance directly from the solid state to the vapor state, or vice versa, without passing through the intermediate liquid state. SP-7 1968

submarines

Any self-powered underwater craft or towed underwater barges and arrays. DOE 1968

subroutines

A set of instructions necessary to direct a computer to carry out a well defined mathematical or logical operation; a subunit of a routine, usually coded in such a manner that it can be treated as a black box by the routine using it. SP-7 1968

subsonic flow

Flow of a fluid, as air over an airfoil, at speeds less than **acoustic velocity**. SP-7 1968

sudden ionospheric disturbances

Complex combinations of sudden changes in the conditions of the ionosphere and the effects of these changes. Used for geomagnetic crotchets and SID (ionospheric disturbances). SP-7 1968

sulfation

The introduction into an organic molecule of the sulfuric ester group (or its salts) -O-SO₃H, where the sulfur is linked through an oxygen atom to the parent molecule. ASTM (D 459, D-12) 1968

sulfidation

The reaction of a metal or alloy with a sulfur-containing species to produce a sulfur compound that forms on or beneath the surface of the metal or alloy. ASTM (G 15, G-1) 1968

sun

The star at the center of the **solar system**, around which the **planets**, **asteroids**, and **comets** revolve. It is a G-type star. Used for solar disk. SP-7 1968

sunflowers

Any of a number of tall related plants having yellow, daisylike flowers with yellow, brown, purple, or almost black disks containing seeds from which an oil is extracted. 1980

sunrise

The crossing of the visible **horizon** by the upper limb of the ascending **sun**. SP-7 1968

sunset

The crossing of the visible **horizon** by the upper limb of the descending **sun**. SP-7 1968

sunspot cycle

A cycle with an average length of 11.1 years but varying between 7 and 17 years in the number and area of **sunspots**, as given by the relative sunspot number. This number rises from a minimum of 0 to 10 to a maximum of 50 to 140 about 4 years later, and then declines more slowly. SP-7 1968

sunspots

Relatively dark areas on the surface of the **sun** consisting of dark central **umbras** surrounded by penumbras which are intermediate in **brightness** between the umbras and the surrounding **photosphere**. SP-7 1968

superalloys

Use heat resistant alloys

supercomputers

Computers with very large capacity and very high speed. 1982

superconducting quantum interferometers

Use squid (detectors)

superconductivity

A property of many elements, **alloys**, and compounds by virtue of which their **electrical resistivity** vanishes and they become strongly diamagnetic under appropriate conditions. Used for Meissner effect. ASTM (B 713, B-1) 1968

superconductors

Materials that exhibit **superconductivity** under appropriate conditions. ASTM (B 713, B-1) 1968

superhybrid materials

Composites of polymers, boron-aluminum, and titanium. 1979

superlattices

Crystals grown by depositing semiconductors in layers whose thickness is measured in atoms. 1984

supermassive stars

Stars with masses exceeding about 50 times that of the **sun**. 1976

superpressure balloons

Meteorological balloons consisting of nonextensible envelopes designed to withstand higher **internal pressure** differentials than external ones. Such balloons will maintain constant elevations until sufficient gas diffuses from them to cause a change in buoyancy. Used for constant volume balloons and tetrons. 1978

superrotation

The generally more rapid relative motions found in the very tenuous regions of the atmosphere at heights around 300 km. The density of the atmosphere decreases rapidly with height and more than 95 percent of the mass of the atmosphere is contained within the **troposphere** and lower stratosphere. These regions of the atmosphere rotate faster on average than the underlying solid Earth. 1981

supersonic compressors

Compressors in which supersonic **velocity** is imparted to the fluid relative to the rotor blades, the stator blades, or to both the rotor and the stator blades, producing oblique shock waves over the blades to obtain a high pressure rise. *SP-7 1968*

supersonic diffusers

Diffusers designed to reduce the **velocity** and increase the pressure of fluid moving at supersonic velocities. *SP-7 1968*

supersonic flow

In **aerodynamics**, **flow** of a fluid over a body at speeds greater than the **acoustic velocity** and in which the **shock waves** start at the surface of the body. *SP-7 1968*

supersonic nozzles

Converging diverging nozzles designed to accelerate a fluid to supersonic speed. *SP-7 1968*

supersonics

Specifically, the study of **aerodynamics** of supersonic speeds. *SP-7 1968*

surface effect ships

Vessels using ground effect principle and having submerged rigid sidewalls (sealants). Used for SES. *1978*

surface tension

Use interfacial tension

surface water

All the waters on the surface of the Earth including fresh and salt water, **ice** and **snow**. *AGI 1973*

surface-active agents

Use surfactants

surfactants

A material that improves the emulsifying, dispersing, wetting, or other surface-modifying properties of **liquids**. Used for surface-active agents. *ASTM (E 609, E-35) 1968*

surges

Transient rises in power or pressure such as a brief rise in the discharge pressure of a rotary compressor. Used for transients (surges). *SP-7 1968*

suspensions

A two-phase system consisting of a finely divided solid dispersed in a solid, liquid, or gas. *ASTM (E 609, E-35) 1968*

sustainer rocket engines

Rocket **engines** that maintain the **velocity** of the rocket once it has achieved its programmed velocity by use of boosters or other engines. *SP-7 1968*

swamps

Use marshlands

SWATH (ship)

Small waterplane area twin hull concept extension of hydrofoils for improving seaworthiness and speed. Used for Small Waterplane Area Twin Hull. *1978*

swath width

The width of the area covered by an imaging sensor determined by the geometry of the instrument. *1983*

sweat cooling

A process by which a body having a porous surface is cooled by forced **flow** of coolant through the surface from the interior. Used for transpiration cooling. *SP-7 1968*

symbiosis

The intimate living together of two organisms of different species, for mutual benefit. *DOE 1969*

symmetry breaking

Use broken symmetry

synchronism

The relationship between two or more periodic quantities of the same frequency when the phase difference between them is zero or constant at a predetermined value. Used for beat and synchronization. *SP-7 1968*

synchronization

Use synchronism

synchronous detectors

Use correlators

synchronous platforms

Space platforms whose **rotation** is synchronized with that of Earth. Used for geostationary platforms. *1981*

synchronous satellites

Equatorial west-to-east **satellites** orbiting the Earth at an **altitude** of approximately 35,900 kilometers, at which they make one revolution in 24 hours, synchronous with the Earth's rotation. Used for geostationary satellites. *SP-7 1968*

synchrotrons

Devices for accelerating particles, ordinarily electrons, in a circular orbit in an increasing magnetic field by means of an alternating field applied in a **synchronism** with the orbital motion. *SP-7 1968*

Syncom 4 satellite

A geosynchronous communications satellite that was deployed on Space Shuttle STS 51A in November 1984. *1979*

synoptic meteorology

The study and analysis of weather information gathered at the same time. *SP-7 1968*

syntectic alloys

Metallic **composite materials** characterized by a reversible convertibility of their solid phases into two liquid phases by the application of heat. *1980*

synthesis (chemistry)

The application of chemical reactions to obtain desired chemical products. *1980*

synthetic aperture radar

Active microwave sensors providing all-weather, high resolution imagery. Used for imaging radar. *1978*

synthetic apertures

In **radar** technology, the simulations of large antennas by correcting the phase and magnitude of the return signals from smaller antennas, permitting the use of lower **frequencies** for airborne radars. *1979*

synthetic food

Mixture of roughage, vitamins, **minerals**, etc., closely approximating natural foods in appearance, taste, and nutrition. *1980*

synthetic metals

Materials which do not occur in nature but have the appearance and physical properties of true metals. 1981

syntony

The situation of two or more oscillating **circuits** having the same resonant frequency. SP-7 1981

system generated electromagnetic pulses

Electromagnetic fields generated by the emission of a large electronic current from a metallic body in space caused by the **incidence** on its surface of strong **ionizing radiation pulses** (usually x ray) from space. Used for SGEMP. 1979

system identification

The technology of modeling plants and processes from their dynamic response. 1980

systems integration

The combining of subsystems each with numerous **interfaces** for the input and **output** of data and each with specified functions vital to the planned success of the main system. 1980

systems simulation

The simulation of any dynamic system. 1980

T

Tacan

A two dimensional **navigation** system which provides **azimuth** and distance to a fixed ground station for navigation in piloted aircraft. Used for tactical air navigation. SP-7 1968

tactical air navigation

Use Tacan

tail assemblies

The rear part of a body, as of an aircraft or a rocket. The tail surfaces of an aircraft or rocket. Used for empennage, tail mountings, tails (assemblies), and vertical tails. SP-7 1968

tail mountings

Use tail assemblies

tails (assemblies)

Use tail assemblies

takeoff

The action of a rocket vehicle departing from its launch pad. The action of an aircraft as it becomes airborne. SP-7 1968

TARE (data reduction)

Use data reduction

target acquisition

The process of optically, manually, mechanically, or electronically orienting tracking systems in the direction and range to lock on a target. SP-7 1968

target masking

Technique used in vision contrast discrimination testing involving the ratio of the **luminance** of a target (object) to the luminance of the background, especially when light and **dark adaptation** are factors. 1976

target penetration

Use terminal ballistics

TCV program

Use terminal configured vehicle program

TDMA

Use time division multiple access

tearing modes (plasmas)

Explosive reconnections of energetic particle accelerations at high voltages in the magnetosphere during substorms. 1980

tectonic movement

Use tectonics

tectonics

A branch of **geology** dealing with the broad architecture of the upper part of the Earth's crust, that is, the regional assembling of structural or deformational features, a study of their mutual relations, their origin, and their historical evolution. Used for tectonic movement. DOE 1968

TED

Use transferred electron devices

Tedlar (trademark)

Use polyvinyl fluoride

tektites

Small glassy bodies containing no crystals, composed of at least 65 percent **silicon dioxide**, bearing no relation to the geological formations in which they occur, and believed to be of extraterrestrial origin. SP-7 1968

teleconnections (meteorology)

Statistically significant temporal correlations between meteorological parameters at widely separated points. 1985

telemeters

Use telemetry

telemetry

The science of measuring a quantity or quantities, transmitting the results to a distant station, and there interpreting, indicating, and/or recording the quantities measured. Used for telemeters. SP-7 1968

telephotometers

Use telephotometry

telephotometry

The body of principles and techniques concerned with measuring atmospheric extinction using various types of telephotometers. Used for telephotometers. SP-7 1968

telluric currents

Large scale **surges** of electric charges within the Earth's crust, associated with disturbances of the ionosphere. Used for earth currents. SP-7 1968

telluric lines

Absorption lines in a solar spectrum produced by constituents of the atmosphere of the Earth itself rather than by gases in the outer solar atmosphere such as those responsible for the **Fraunhofer lines**. SP-7 1968

TEM (microscopy)

Use transmission electron microscopy

Tempel 2 comet

A comet for which a spacecraft rendezvous had been planned for 1988 because of its accessible orbit. It has been replaced by a planned spacecraft rendezvous with the Wild 2 comet in 1994.

1979

temperature dependence

The characteristic of a material which is dependent on changes in the **ambient temperature**.

1979

temporal distribution

The statistical distribution based on time of phenomena, occurrences or events.

1981

temporal resolution

The **precision** with which an optical instrument or a system differentiates between time intervals. Used for multitemporal analysis.

1980

tensile strength

The property of solid material that indicates its ability to withstand a uniaxial tensile load.

ASTM (C 709, C-5) 1968

tensile stress

Normal stress tending to lengthen the body in the direction in which it acts.

ASTM (D 653, D-18) 1968

tensor fields

Use tensors

tensors

Arrays of functions which obey certain laws of transformation. A one row or one column tensor array is a vector. Used for tensor fields and transformation tensors.

SP-7 1968

terminal area energy management

Automated guidance and landing system for the Space Shuttle orbiter.

1980

terminal ballistics

That branch of **ballistics** dealing with the motion and behavior of **projectiles** at the termination of their flight, or in striking and penetrating a target. Used for penetration ballistics, projectile penetration, and target penetration.

SP-7 1968

terminal configured vehicle program

NASA Program for determining configurations for short haul transport aircraft, including V/STOL and VTOL aircraft. Used for TCV program.

1977

terminal velocity

The maximum **velocity** attainable, especially by a free falling body, under given conditions.

SP-7 1968

terpenes

A class of unsaturated organic compounds having the empirical formula C₁₀H₁₆ occurring in most essential oils and oleoresinous plants. Structurally the important terpenes and their derivatives are classified as monocyclic (dipentene), bicyclic (pinene), and acyclic (myrcene).

ASTM (D 804, D-17) 1968

terrestrial magnetism

Use geomagnetism

terrestrial planets

The four small **planets** nearest the **sun** (Earth, Mercury, Venus, and Mars).

1977

test beds

Use test stands

test chambers

Places, sections, or rooms having special characteristics where a person or object is subjected to experiment, as an altitude chamber. Used for environmental chambers.

SP-7 1968

test firing

The firing of a rocket engine, either live or static, with the purpose of making controlled observations of the engine or of an engine component.

SP-7 1968

test pattern generators

Image-processing software.

1980

test stands

Stationary platforms or tables, together with any testing apparatus attached thereto, for testing or proving **engines** or instruments.

SP-7 1968

tethered satellites

Concept for scientific **payloads** suspended at altitudes of 120 km from Space Shuttle orbiters flying at 200-km altitude; control system would permit deployment and retrieval of the tethered satellites.

1977

Tethys

One of the natural satellites of Saturn orbiting at a mean distance of 295,000 kilometers.

SP-7 1968

tetraethyl orthosilicate

An **oxidation** inhibiting coating used on the wing leading edges and nose cap of the Space Shuttle.

1981

tetrahydrofuran

In organic chemistry, an intermediate and a solvent for polyvinyl chloride. Used for butylene oxides.

1978

tetroons

Use superpressure balloons

textures

The structural qualities of surfaces determined by the interrelation of their elements.

ASTM (E 284, E-12) 1968

theodolites

Optical instruments which consist of a sighting telescope, mounted so that it is free to rotate around horizontal and vertical axes, and graduated scales so that the angle of **rotation** may be measured. The telescope is usually fitted with a right angle prism so that the observer continues to look horizontally into the eyepiece, whatever the variation of the elevation angle.

SP-7 1968

thermal accommodation coefficients

Use accommodation coefficient

thermal analysis

A general term covering a group of related techniques whereby the dependence of the parameters of any physical property of a substance or temperature is measured. Used for differential thermal analysis and DTA (analysis).

ASTM (E 473, E-37) 1968

thermal comfort

That condition which expresses satisfaction with the thermal environment and which is measured by such factors as air temperature, relative **humidity**, air **velocity**, etc.

DOE 1968

thermal conductivity

Time rate of unidirectional **heat transfer** per unit area, in the steady-state, between parallel planes separated by unit distance, per unit difference of temperature of the planes.

ASTM (D 123, D 1518; D-13) 1968

thermal decomposition

The breaking apart of complex **molecules** into simpler units by the application of heat.

1979

thermal degradation

Impairment of properties caused by exposure to heat.

DOE 1968

thermal diffusivity

The ratio of **thermal conductivity** of a substance to the product of its density and **specific heat**. Common units for this property are sq cm/s or sq ft/h.

ASTM (C 351, C-16) 1968

thermal efficiency

Use thermodynamic efficiency

thermal emission

The process by which a body emits **electromagnetic radiation** as a consequence of its temperature only.

SP-7 1968

thermal expansion

The increase in the dimensions or the volume of a body due to change in temperature.

ASTM (E 7, E-4) 1968

thermal fatigue

In metals, fracture resulting from the presence of temperature gradients which vary with time in such a manner as to produce cyclic **stresses** in a structure.

SP-7 1968

thermal instability

The conditions of temperature gradient, **thermal conductivity**, and **viscosity** which lead to the onset of **convection** in a fluid.

SP-7 1968

thermal insulation

A material applied to reduce the **flow** of heat.

ASTM (D 1079, D-8) 1968

thermal neutrons

Neutrons in thermal equilibrium with the medium in which they exist. Used for slow neutrons.

DOE 1968

thermal noise

The noise at radiofrequency caused by thermal agitation in a dissipative body. Also called Johnson noise.

SP-7 1968

thermal pollution

Environmental temperature rise due to waste heat disposal.

DOE 1970

thermal radiation

The **electromagnetic radiation** emitted by any substance as the result of the thermal **excitation** of its **molecules**. Thermal radiation ranges in wavelength from the longest **infrared radiation** to the shortest **ultraviolet radiation**.

SP-7 1968

thermal resistance

The extent to which a material retains useful properties as measured during exposure of the material to a specified temperature and environment for a specified time. Used for heat resistance.

ASTM (D 123, D 4391, D-13) 1968

thermal shielding

Use heat shielding

thermal shock

The development of a steep temperature gradient and accompanying high **stresses** within a structure.

SP-7 1968

thermal stresses

Stresses in metal, resulting from nonuniform temperature distribution.

SP-7 1968

thermionic emission

Direct ejection of electrons as the result of heating the material, which raises electron energy beyond the binding energy that holds the electron to the material. Used for Richardson-Dushman equation.

SP-7 1968

thermionic reactors

Use ion engines

thermionic reactors

Use nuclear rocket engines

thermionics

The study of the emission of electrons by heat.

SP-7 1968

thermistors

Electron devices employing the temperature dependent change of resistivity of a semiconductor.

SP-7 1968

thermites

Fire-hazardous mixtures of ferric oxide and powdered aluminum; upon **ignition** with a magnesium ribbon, the mixtures reach temperatures up to 4000 degrees F (sufficient to soften steel).

1980

thermochemistry

A branch of chemistry that treats the relations of heat and chemical changes.

SP-7 1968

thermocouples

Devices which convert thermal energy directly into electrical energy. In its basic form it consists of two dissimilar metallic electrical **conductors** connected in a closed loop. Each junction forms a thermocouple.

SP-7 1968

thermodynamic efficiency

In **thermodynamics**, the ratio of the work done by a heat engine to the total heat supplied by the heat source. Used for thermal efficiency.

SP-7 1968

thermodynamic equilibrium

A very general result from statistical mechanics which states that if a system is in **equilibrium**, all processes which can exchange energy must be exactly balanced by the reverse process so that there is no net exchange of energy.

SP-7 1968

thermodynamics

The study of the **flow** of heat. Used for heat equations, thermomechanics, and thermophysics.

SP-7 1968

thermoelasticity

Dependence of the stress distribution of an elastic solid on its thermal state, or of its **thermal conductivity** on the stress distribution.

DOE 1968

thermography

Technique employing **heat transfer** transients.

DOE 1968

thermomechanical treatment

Combination of material-forming processes with heat treatments in order to obtain specific material properties.

DOE 1974

thermomechanics

Use thermodynamics

thermometers

Devices for measuring temperature.

SP-7 1968

thermomigration

A technique for doping semiconductors in which exact amounts of known impurities are made to migrate from the cool side of a wafer of pure semiconductor material to the hotter side when the wafer is heated in an oven.

1981

thermophoresis

A process in which particles migrate in a gas under the influence of forces created by a temperature gradient.

DOE 1985

thermophysics

Use thermodynamics

thermopiles

Transducers for converting thermal energy directly into electrical energy, composed of pairs of **thermocouples** which are connected either in series or in parallel. Batteries of thermocouples connected in series to form single compact units.

SP-7 1968

thermoplastic films

Materials with a linear macromolecular structure that will repeatedly soften when heated and harden when cooled.

1976

thermoregulation

A mechanism by which mammals and birds balance heat gain and loss in order to maintain a constant body temperature. Used for body temperature regulation.

DOE 1968

thermotropism

Use anisotropy

thick plates

Plates of steel or other material that are over two inches thick. The exact definition of dimensions that constitute thickness varies.

1981

thin films

Films having a thickness much smaller than any lateral dimension, formed by deposition of a material or by a thinning process.

ASTM (F 390, F-1) 1968

thinners

Use solvents

thixotropy

The property of material that enables it to stiffen in a relatively short time on standing, but upon agitation or manipulation to change to a very soft **consistency** or to a fluid of high **viscosity**, the process being completely reversible.

ASTM (D 653, D-18) 1968

threat evaluation

The evaluation of the potential harm of an approaching aircraft or other objects.

1982

three axis stabilization

Maintenance of a stable platform in a desired 3-axis orientation in inertial space by utilizing gyros and **accelerometers** and which is independent of vehicle motion.

1976

three body problem

That problem in classical **celestial mechanics** which treats the motion of a small body, usually with negligible mass, relative to

and under the gravitational influence of two other finite point masses.

SP-7 1968

threshold shift

Use thresholds

threshold voltage

The threshold energy necessary to remove an electron from the bound position to the conduction band in **solid state devices**.

1985

thresholds

Generally, the minimum values of signals that can be detected by the systems or **sensors** under consideration. Used for threshold shift.

SP-7 1968

throats

The narrowest portion of a constricted duct, as in a diffuser, or a venturi tube. SN (non biological).

SP-7 1968

thrust

The pushing or pulling **force** developed by an aircraft engine or a rocket engine. The force exerted in any direction by a fluid jet or by a powered screw, as, the thrust of an antitorque rotor. Specifically in rocketry, $F(\text{thrust}) = mv$ where m is propellant mass flow and v is **exhaust velocity** relative to the vehicle. Used for thrust power.

SP-7 1968

thrust augmentation

The increasing of the **thrust** of an engine or power plant, especially of a jet engine and usually for a short period of time, over the thrust normally developed.

SP-7 1968

thrust distribution

The location of areas of upward **thrust** (lift) on wings, **airfoils**, etc.

1980

thrust faults

Use geological faults

thrust power

Use thrust

tidal oscillation

Use tides

tides

The periodic rising and falling of the Earth's **oceans** and atmosphere. It results from the gravitational forces of the **moon** and **sun** acting upon the rotating Earth. The disturbance actually propagates as a wave through the atmosphere and along the surface of the waters of the Earth. **Atmospheric tides** are always so designated, whereas the term tide alone commonly implies the oceanic variety. Used for tidal oscillation.

SP-7 1968

tiles

Ceramic surfacing units, usually relatively thin in relation to facial area, made from clay or a mixture of clay and other ceramic materials, called the body of the tile having either a 'glazed' or 'unglazed' face and fired above red heat in the course of manufacture to a temperature sufficiently high to produce specific physical properties and characteristics.

ASTM (C 242, C-21) 1968

tilt

Use attitude (inclination)

tilt rotor aircraft

A type of convertible aircraft which takes off, hovers, and lands as a helicopter but is converted into a fixed wing aircraft by the 90-degree tilting of its rotor or rotors for use as a propeller for forward flight.

1976

tilting

Use attitude (inclination)

tiltmeters

Instruments used to measure small changes in the tilt of the Earth's surface usually in relation to a liquid-level surface or to the rest position of a pendulum.

1971

time constant

Generally, the time required for an instrument to indicate a given percentage of the final reading resulting from an input signal; the **relaxation time** of an instrument.

SP-7 1968

time delay

Use time lag

time division multiple access

Radio **transmission** method in which each station of a **satellite communication** network is assigned a time schedule for transmission (in lieu of frequency division); a multi-element antenna with an adaptive null steering array eliminates interference. Used for TDMA.

1977

time division multiplexing

A system for the transmission of information about two or more quantities (measurands) over a common channel by dividing available time intervals among the measurands to form a composite pulse train.

SP-7 1968

time lag

The total time between the application of a signal to a measuring instrument and the full indication of that signal within the uncertainty of the instrument. Used for chronotrons, lag (delay), and time delay.

SP-7 1968

time marching

Techniques for solving a problem with partial differential equations that have a time derivation.

1981

time signals

Accurate signals marking specified times or time intervals. They are used primarily for determining errors of timepieces. Such signals are usually sent from an observatory by radio or telegraph.

SP-7 1968

Timoshenko beams

Simple structural units used by Stephen Timoshenko as models in developing analysis equations for deflections and deformations of beams and columns under load.

1977

tip vanes

Wing mounted rotor tips with their spans oriented approximately parallel to the local free stream to increase the capture area and power **output** of the rotor.

1983

Tiros N series satellites

A new term for the family of **satellites** designed to prototype Tiros N.

1980

Titan Centaur launch vehicle

A Titan III rocket augmented with a Centaur rocket for launching spacecraft requiring high-velocity **escape** trajectories.

1977

Titania

A satellite of Uranus orbiting at a mean distance of 438,000 kilometers.

SP-7 1968

titration

The determination of the reactive capacity, usually of a solution, especially, the analytical process of successively adding measured amounts of a reagent (as a standard solution) to a known volume or **weight** of a sample or sample solution until a desired end point is reached.

ASTM (C 859, C-26) 1968

tokamak devices

Experimental toroidal magnetic confinement devices where toroidal current runs through the plasma in order to produce fusion reactor like plasma conditions. The name is a Russian acronym for toroidal magnetic current.

1978

tolerances (mechanics)

A group of prescribed limits for specific properties of a particular material.

ASTM D 123, D 335, D-13) 1968

tomboles

Use bars (landforms)

tomography

Technique of making radiographs of plane sections of a body or an object; its purpose is to show detail in a predetermined plane of the body, while blurring the images of structures in other planes. Used for planigraphy.

1977

TOPEX

The NASA Ocean Surface Topography Experiment, a proposed mission to utilize satellite altimetry to map the surface topography of the ocean from which the ocean currents are derived.

1982

toroidal wheels

Doughnut-shaped wheels designed particularly for vehicles used in soft, granular soil (planetary surfaces). Used for doughnut shape wheels.

1977

torque

About an axis, the product of a **force** and the distance of its line of action from the axis. Used for hinge moments.

SP-7 1968

torque converters

Devices for changing the **torque** speed or mechanical advantage between an input shaft and an **output** shaft.

1976

total energy systems

Energy systems which supply both electrical and heat requirements.

1981

toughness

That property of a material by virtue of which it can absorb work.

ASTM (D 123, D-13) 1968

Townsend discharge

A type of direct current discharge between two **electrodes** immersed in a gas and requiring electron emission from the cathode.

SP-7 1968

tracked vehicles

Land vehicles equipped with continuous roller belts over cugged **wheels** for moving over rough terrain.

1980

tracking antennas

Use directional antennas

tracking filters

Electron devices for attenuating unwanted signals while passing desired signals, by means of phase lock techniques which reduce the effective bandwidth of the circuit and eliminate amplitude variations. *SP-7 1968*

tracking problem

The problem of controlling a system so that the **output** follows a given path. *1981*

tracking radar

A **radar** used for following a target. *SP-7 1968*

tracking stations

Stations set up to track objects moving through the atmosphere or space, usually by means of radio or **radar**. *SP-7 1968*

traffic control

Control of vehicular traffic such as priority highway lanes, stoplight control, rapid-transit train control, or air traffic control. *DOE 1968*

training analysis

Evaluation of all facets of instruction -- presentation methods, instructors, effectiveness of training, and testing. *1979*

training evaluation

Procedures for determining the effectiveness of instruction. *1978*

trajectories

In general, paths traced by bodies moving as a result of an externally applied **force**, considered in three dimensions. *SP-7 1968*

transceivers

Use transmitter receivers

transconductance

The real part of the transadmittance. Note: Transconductance is, as most commonly used, the interelectrode transconductance between the control grid and the plate. At low frequencies, transconductance is the slope of the control-grid-to-plate transfer characteristic. *IEEE 1986*

transducers

Devices capable of being actuated by energy from one or more other **transmission** systems or media and of supplying related energy to one or more other transmission systems or media as **microphones** or **thermocouples**. *SP-7 1968*

transfer orbits

In interplanetary travel, elliptical trajectories tangent to the **orbits** of both the departure planet and the target planet. Used for Hohmann trajectories, Hohmann transfer orbits, and orbital transfer. *SP-7 1968*

transferred electron devices

Electronic equipment utilizing diodes exhibiting negative conductance and susceptance. Used for TED. *1978*

transformation tensors

Use tensors

transgranular corrosion

A slow mode of failure that requires the combined action of stress and aggressive environment where the path of failure runs through the grains producing branched cracking. *1981*

transients (surges)

Use surges

transition points

In **aerodynamics**, the points of change from laminar to **turbulent flow**. *SP-7 1968*

transition pressure

The pressure at which phase transition occurs. *1981*

transition temperature

An arbitrarily defined temperature within the temperature range in which metal fracture characteristics determined usually by notched tests are changing rapidly such as from primarily fibrous (shear) to primarily crystalline (cleavage) fracture. The arbitrarily defined temperature in a range in which the ductility of a material changes rapidly with temperature. *SP-7 1968*

transmission

Process by which radiant energy proceeds through any material or object. Used for coaxial transmission. *ASTM (E 284, E-12) 1968*

transmission electron microscopy

A type of **electron microscopy** in which the specimen transmits an electron beam focused on it. Image contrasts are formed by the **scattering** of electrons out of the beam. Various magnetic **lenses** perform functions analogous to those of ordinary lenses in light **microscopy**.

transmission loss

The reduction in the magnitude of some characteristic of a signal between two stated points in a **transmission** system. *SP-7 1968*

transmissions (machine elements)

The gearing system by which power is transmitted from the engine to the live axle in an automobile. Also known as gearboxes. *1976*

transmittance

The ratio of the radiant **flux** transmitted by a medium or a body to the incident flux. *SP-7 1968*

transmitter receivers

Combinations of **transmitters** and **receivers** in single housings, with some components being used by both units. Used for transceivers. *SP-7 1968*

transmitters

Devices used for the generation of signals of any type and form which are to be transmitted. Used for senders. *SP-7 1968*

transoceanic flight

Flight across an ocean. *1981*

transonic flow

In **aerodynamics**, **flow** of a fluid over a body in the range just above and just below the **acoustic velocity**. Used for sonic flow and transonics. *SP-7 1968*

transonic speed

The speed of a body relative to the surrounding fluid at which the **flow** is in some places on the body subsonic and in other places supersonic. *SP-7 1968*

transonics

Use transonic flow

transpiration

The passage of gas or liquid through a porous solid (usually under

conditions of **molecular flow**). Used for fluid transpiration.

SP-7 1968

transpiration cooling

Use sweat cooling

transponders

Combined receiver and transmitter whose function is to transmit signals automatically when triggered by an interrogator. Used for responders.

SP-7 1968

transportation networks

Networks of highways, railways, subways, etc., for the movement of passenger and cargo.

1979

transuranium elements

Elements above uranium in the periodic table, that is, with an atomic number greater than 92.

ASTM (C 859, C-26) 1968

transverse oscillation

Oscillation in which the direction of motion of the particles is perpendicular to the direction of advance of the oscillatory motion in contrast with longitudinal oscillation, in which the direction of motion in the same as that of advance. Used for transverse vibration.

SP-7 1968

transverse vibration

Use transverse oscillation

transverse waves

Waves in which the direction of **displacement** at each point of the medium is parallel to the wave front.

SP-7 1968

trapped vortices

Air flow in rotary motion but trapped relative to leading edge vortex separation, which increases not only lift but also **drag**. The trapped vortices result in **thrust** and reduced drag. Used for vortex traps.

1980

traveling wave tubes

Electron tubes in which streams of electrons interact continuously or repeatedly with guided electromagnetic waves moving substantially in **synchronism** with them, and in such a way that there is a net transfer of energy from the streams to the waves. Used for crestatrons and helix tubes.

SP-7 1968

tree ring dating

Use dendrochronology

trees (plants)

Woody plants having one well defined stem and a more or less definitely formed crown, usually attaining a height of at least 8 feet.

ASTM (D 9, D-7) 1968

trellis coding

A 'sliding window' method of encoding a binary data stream into a sequence of real numbers that are input to a noisy transmission channel.

1985

trend analysis

A management tool for evaluating variation in data with the ultimate objective of forecasting future events based upon an examination of past results.

1989

triangular wings

Use delta wings

tribology

Science of **friction**, **wear**, and lubrication.

1976

triboluminescence

The emission of light caused by application of mechanical energy to a solid.

1982

trigger circuits

Circuits that have two conditions of stability, with means for passing from one to the other when certain conditions are satisfied, either spontaneously or through application of an external stimulus.

IEEE 1968

triggers

Use actuators

tripropellants

Use liquid rocket propellants

trisonic wind tunnels

Wind tunnels designed for subsonic, transonic, and supersonic flows.

1980

Triton

One of the two **satellites** of the planet Neptune, with a diameter of about 4800 kilometers, orbiting at a mean distance of 354,000 kilometers.

1980

trochoids

Use pivots

Trombe walls

Structures with passive **solar collectors** in the walls.

1980

tropopause

The boundary between the **troposphere** and the stratosphere, usually characterized by an abrupt change of **lapse rate**. The change is in the direction of increased atmospheric stability from regions below to regions above the tropopause. Its height varies from 15 to 20 kilometers in the tropics to about 10 kilometers in polar regions. In polar regions in winter it is often difficult or impossible to determine just where the tropopause lies, since under some conditions there is no abrupt change in lapse rate at any height.

SP-7 1968

troposphere

That portion of the atmosphere from the Earth's surface to the stratosphere; that is, the lowest 10 to 20 kilometers of the atmosphere. The troposphere is characterized by decreasing temperature with height, appreciable vertical wind motion, appreciable **water vapor** content, and weather. Dynamically, the troposphere can be divided into the following layers: surface boundary layer, **Ekman layer**, and **free atmosphere**.

SP-7 1968

tropospheric waves

Radio waves that are propagated by **reflection** from a place of abrupt change in the dielectric constant or its gradient in the **troposphere**.

SP-7 1968

truncation errors

In computations, the errors resulting from the use of only a finite number of terms of an infinite series or from the approximation of operations in the infinitesimal calculus by operations in the calculus of finite differences.

SP-7 1968

tube lasers

Stimulated emission devices activated with **shock tubes**.

1980

tumbling motion

An attitude situation in which the vehicle continues on its flight, but turns end over end about its **center of mass**.

SP-7 1968

tunable lasers

Stimulated emission devices with selectable frequency output.

1979

tunnel junctions

An electronic device having an extremely thin potential barrier to electron **flow**, so that the transport characteristic (the current-voltage flow) is primarily governed by the quantum-mechanical tunneling process which permits electrons to penetrate the barrier.

1993

turbine blades

The **blades** of a turbine wheel.

SP-7 1968

turbine engines

Engines incorporating a turbine as a principal component; especially gas turbine engines.

SP-7 1968

turbine wheels

Multivaned **wheels** or rotors, especially in gas turbine engines, rotated by the impulse from or reaction to a fluid passing across the vanes. Used for rotor disks and turborotors.

SP-7 1968

turbofans

Turbojet engines in which additional propulsive **thrust** is gained by extending a portion of the compressor or **turbine blades** outside the inner engine cases.

SP-7 1968

turbojet engines

Jet engines incorporating a turbine driven air compressor to take in and compress the air for the combustion of fuel (or for heating by a nuclear reactor), the gases of combustion (or the heated air) being used both to rotate the turbine and create a **thrust** producing jet.

SP-7 1968

turborotors

Use turbine wheels

turbulence

A state of fluid flow in which the instantaneous velocities exhibit irregular and apparently random fluctuations so that in practice only statistical properties can be recognized and subjected to analysis.

SP-7 1968

turbulent boundary layer

The layer in which the Reynolds **stresses** are much larger than the viscous stresses. When the **Reynolds number** is sufficiently high, there is a turbulent layer adjacent to the **laminar boundary layer**.

SP-7 1968

turbulent combustion

Combustion or combustible flow in which **turbulence** is superimposed on the main movement of the flame fronts resulting in random, unpredictable fluctuations.

1992

turbulent flow

Fluid motion in which random motions of parts of the fluid are superimposed upon a simple pattern of **flow**. All or nearly all fluid flow displays some degree of **turbulence**. The opposite is **laminar flow**.

SP-7 1968

Turing machines

Mathematical models of devices that change their internal states and read from, write on, and move potentially infinite tapes, all in accordance with their present states, thereby constituting models for computerlike behavior. Invented in the 1930s, they are named after their inventor, A.M. Turing. Used for finite-state machines.

IEEE 1968

turnaround (STS)

The intervals between flights of the shuttle orbiters.

1982

turnstile antennas

Antennas composed of two **dipole antennas**, normal to each other, with their axes intersecting at their midpoints. Usually, the currents are equal and in phase quadrature.

IEEE, SP-7 1968

two body orbits

Use two body problem

two body problem

That problem in classical **celestial mechanics** which treats of the relative motion of two point masses under their mutual gravitational attraction. Used for two body orbits.

SP-7 1968

two photon coherent states

Use squeezed states (quantum theory)

U

U tubes

Use manometers

ullage

The amount that a container, such as a fuel tank, lacks of being full.

SP-7 1968

ultralight aircraft

An aircraft for one person weighing less than 254 pounds with a top speed of 55 knots and a maximum stalling speed of 24 knots.

1982

ultrasonic densimeters

Density measuring instruments utilizing ultrasonic devices (sensors).

1979

ultrasonics

The technology of sound at frequencies above the audio frequency range.

SP-7 1968

ultraviolet astronomy

Use of special optical instruments for the observation of astronomical phenomena in the ultraviolet spectrum.

1977

ultraviolet light

Use ultraviolet radiation

ultraviolet radiation

Electromagnetic **radiation** of shorter wavelength than visible radiation; roughly, radiation in the wavelength interval from 100 to 4000 angstroms. Used for ultraviolet light.

SP-7 1968

ultraviolet telescopes

Optical telescopes designed to collect ultraviolet light (wavelengths not capable of passing through Earth's atmosphere) and as such must be used in space.

1981

Ulysses mission

A proposed ESA/NASA mission using the STS for orbital launching of two spin-stabilized spacecraft equipped with instruments for solar and astrophysical observations. Used for International Solar Polar Mission.

1980

umbras

The darkest parts of **shadows** in which light is completely cut off by intervening objects. Lighter parts surrounding the umbras, in which the light is only partly cut off, are called penumbras. The darker central portions of **sun** spots, surrounded by lighter penumbra. *SP-7 1974*

Umbriel

A satellite of Uranus orbiting at a mean distance of 267,000 kilometers. *SP-7 1986*

Umkehr effect

Due to the presence of the ozone layer, an anomaly of the relative **zenith** intensities of scattered sunlight at certain **wavelengths** in the ultraviolet as the **sun** approaches the **horizon**. *SP-7 1968*

uncontrolled reentry (spacecraft)

The descent into a denser atmosphere of a **spacecraft** in an elliptical orbit due to aerodynamic drag and other **perturbation** forces. The gradually increasing **deceleration** causes some **kinetic energy** to be converted into atmospheric heat. The **centrifugal force** decreases and gravity pulls the spacecraft further into the atmosphere. The spacecraft eventually burns. *1978*

uncoupled modes

Modes of **vibration** that can exist in systems concurrently with and independently of other modes. *SP-7 1968*

under surface blowing

Use of jets blowing on the underside of **airfoils** for variations in pressure distribution. *1980*

underground acoustics

The **sounding** of subsoils, **rocks**, etc., for mineralogy and other exploratory purposes. *1980*

underground structures

Subterranean construction of tunnels, passageways, chambers, or excavations. *1976*

underwater physiology

The study of the bodily **responses** to the environmental **stresses** of the underwater milieu such as pressure, temperature and immersion effects. *1981*

underwater resources

Earth resources (minerals, petroleum, etc.) within or under the **oceans**. *1979*

uniaxial strain

Use axial strain

unified field theory

Any theory which attempts to express gravitational theory and electromagnetic theory within a single unified framework; usually, an attempt to generalize Einstein's general theory of gravitation alone to a theory of gravitation and classical **electromagnetism**. *1983*

universal time

Time defined by the rotational motion of the Earth and determined from the apparent diurnal motions which reflect this **rotation**; because of variations in the rate of rotation, universal time is not rigorously uniform. Also called Greenwich mean time. *SP-7 1968*

unsaturation (chemistry)

A state in which the atomic bonds of an organic compound's chain or ring are not completely satisfied (not saturated); unsaturation usually results in a double bond (as for olefins) or a triple bond (as for the acetylenes). *1979*

up-converters

Parametric amplifiers characterized by the **output** signal **frequencies** being greater than the frequencies of the input signals. *1980*

uplinking

The **transmission** of signals from ground terminals to **satellites** in telecommunication systems. *1980*

upper air

Use upper atmosphere

upper atmosphere

The general term applied to the atmosphere above the **troposphere**. Used for upper air. *SP-7 1968*

upper surface blowing

Use of jet blowing on the upper surface of **airfoils** to create variations in pressure distribution. *1980*

upwelling

Use upwelling water

upwelling water

The process by which water rises from a deeper to a shallower depth. Used for upwelling. *DOE 1972*

Uranus atmosphere

The atmosphere of the planet Uranus. *1979*

Uranus rings

Ring structures encircling the planet Uranus and similar to those of the planet Saturn. *1978*

user-computer interface

Use man-computer interface

UV Ceti stars

Use flare stars

V

V-22 aircraft

A Bell/Boeing developed **tilt rotor aircraft**, nicknamed 'Osprey', and designed for light multiservice use. Used for Osprey aircraft. *1990*

V/STOL aircraft

A hybrid form of heavier-than-air aircraft that is capable, by virtue of one or more horizontal rotors or units acting as rotors, of taking off, hovering, and landing as, or in a fashion similar to, a helicopter, and once aloft, and moving forward, capable, by means of a mechanical conversion of one sort or another, of flying as a fixed-wing aircraft, especially in its higher speed ranges. Used for convertiplanes and steep gradient aircraft. *SP-7 1968*

vacuum

A given space filled with gas at pressures below **atmospheric pressure**. Used for aspiration. *SP-7 1968*

vacuum systems

Chambers having walls capable of withstanding **atmospheric pressure** and having an opening through which the gas can be removed through a pipe or manifold to a pumping system. The pumping system may or may not be considered as part of the vacuum system. *SP-7 1968*

vacuum tubes

Electron tubes evacuated to such a degree that their electrical characteristics are essentially unaffected by the presence of residual gas or vapor. *SP-7 1968*

Valsalva exercise

The procedure of raising the pressure in the nasopharynx by forcible expiration with the mouth closed and nostrils pinched, in order to clear the eustachian tubes. Used for valsalva maneuver. *SP-7 1968*

Valsalva maneuver

Use Valsalva exercise

Van Allen radiation belts

Use radiation belts

vapor barrier clothing

Impermeable garments used with respirators as life support systems in toxic **environments** (caustic chemicals, etc.). *1979*

vapor phase epitaxy

A crystal growth process whereby an element or a compound is deposited as a thin layer on a slice of substrate single crystal material by the vapor phase technique. *1981*

vapor pressure

The pressure exerted by the **molecules** of a given vapor. For a pure confined vapor, it is that vapor's pressure on the walls of its containing vessel; and for a vapor mixed with other **vapors** or gases, it is that vapor's contribution to the total pressure (i.e., its **partial pressure**). *SP-7 1968*

vapors

Gases whose temperatures are below their critical temperatures, so that they can be condensed to the liquid or solid state by increase of pressure alone. *SP-7 1968*

variable stream control engines

Advanced, moderate bypass-ratio turbofan configurations that use duct burner **thrust augmentation** and coannular nozzles for jet noise reduction. *1980*

variometers

Instruments for comparing magnetic forces, especially of the Earth's magnetic field. Used for magnetovariographs. *SP-7 1968*

varistors

Two electrode **semiconductor devices** having a voltage dependent nonlinear resistance. *SP-7 1968*

vascular system

Use cardiovascular system

VATOL aircraft

Vertical attitude **takeoff** and landing aircraft. Used for vertical attitude takeoff-landing aircraft and XBQM-180A aircraft. *1978*

VCO

Use voltage controlled oscillators

vectors (mathematics)

Quantities such as **force**, **velocity**, or acceleration, which have both magnitude and direction at each point in space, as opposed to scalar which has magnitude only. Such quantities may be represented geometrically by an arrow of **length** proportional to its magnitude, pointing in the assigned direction. *SP-7 1968*

vegetative index

Linear combinations of spectral band **responses** in digital count, **reflectance** factor, or voltage to determine the vigor, greenness and/or **biomass** of the vegetation. Observations can be made by satelliteborne, aircraftborne, truck mounted, or hand held spectrometers. *1983*

velardenite

Use gehlenite

velocity

Rate of motion. Rate of motion in a straight line is called linear speed, whereas change of direction per unit time is called angular speed. Used for speed. *SP-7 1968*

velocity coupling

The response of the burning propellant surface to the local **velocity** which would include both mean flow as well as **acoustic velocity** (both being parallel to the burning surface). *1981*

Venera 9 satellite

One in a series of Soviet Spacecraft to probe the environment near and on the planet Venus. *1978*

Venera 10 satellite

One in a series of Soviet spacecraft to probe the environment near and on the planet Venus. *1980*

Venera 11 satellite

One in a series of Soviet spacecraft to probe the environment near and on the planet Venus. *1981*

Venera 12 satellite

One in a series of Soviet spacecraft to probe the environment near and on the planet Venus. *1981*

Venturi tubes

Short tubes of smaller diameter in the middle than at the ends. When fluids **flow** through such tubes, the pressure decreases as the **diameters** become smaller, the amount of decrease being proportional to the speed of flow and the amount of restriction. *SP-7 1968*

Venus orbiting imaging radar (spacecraft)

A **spacecraft** also known as VOIR whose mission is to obtain **synthetic aperture radar** (SAR) images of at least 70% of the surface of Venus as well as information on the gravity field of the planet, nature of its inertial composition and **dynamics** of its atmosphere and interaction with the **solar wind**. *1981*

Venus Radar Mapper

Use Magellan spacecraft (NASA)

Venus Radar Mapper Project

Use Magellan project (NASA)

Venus surface

The surface features and/or composition of the planet Venus. *1978*

vermiculite

An aggregate used in lightweight insulating concrete, formed by heating and expanding a micaceous mineral.

ASTM (D 1079, D-8) 1968

Verneuil process

Method of single-crystal growth in which powder is dropped through an oxy-hydrogen flame, falling molten on crystal seed. *DOE 1968*

Vernier engines

Rocket engines of small **thrust** used primarily to obtain a fine adjustment in the **velocity** and trajectory of a rocket vehicle just after the thrust cutoff of the last sustainer engine, and used secondarily to add thrust to a booster or sustainer engine.

SP-7 1968

vernine

Use guanosines

vertical attitude takeoff-landing aircraft

Use VATOL aircraft

vertical fins

Use fins

vertical junction solar cells

Solar cells made from wafers on which narrow grooves are formed using a preferential KOH etch. The grooved region is **radiation** tolerant.

1981

vertical motion simulators

Vibration machines which produce mechanical **oscillations** parallel to the vertical axis.

1980

vertical orientation

The attitude of an object in reference to a plane which is parallel to the direction of gravity (determined with a plumbline).

1980

vertical tails

Use tail assemblies

vertical 8 rocket

Soviet sounding rocket payload to study shortwave **solar radiation**. Recoverable instrument container reportedly made a **soft landing** from a 59 mile **altitude**.

1979

vertigo

The sensation that the outer world is **revolving** about the person (objective vertigo) or that he himself is moving in space (subjective vertigo). The word frequently is used erroneously as a synonym for dizziness or giddiness to indicate an unpleasant sensation of disturbed relations to surrounding objects in space.

SP-7 1968

very high speed integrated circuits

Use VHSIC (circuits)

Very Large Array (VLA)

A synthetic aperture radio telescope, consisting of 27 parabolic antennas each of which is 25 meters in diameter. The system when connected together is capable of arcsecond resolution with high **sensitivity** resulting in the world's most powerful radio telescope. Operated by the National Radio Astronomy Observatory, it is located in Socorro, New Mexico.

1987

very large scale integration

A very complex integrated circuit, which contains ten thousand or more individual devices, such as basic logic gates and transistors, placed on a single semiconductor chip. Used for VLSI.

1982

very long base interferometry

The simultaneous observation of radio sources by two **radio telescopes** spaced very far apart to enhance **angular resolution**. The signals are recorded on **magnetic tapes** and combined electronically on a computer. Used for VLBI.

1978

Very Long Baseline Array (VLBA)

A transcontinental radio telescope, being developed by the National Radio Astronomy Observatory, to consist of ten dedicated and automated 25-meter (82 foot) diameter **antennas** distributed from Hawaii to St. Croix, Virgin Islands.

1987

veterinary medicine

The branch of medical practice dealing with the treatment of diseases and injuries of animals.

1980

VHSIC (circuits)

Chips being developed by a DOD program to provide high speed MIL spec VLSI device for use in military systems. Used for very high speed integrated circuits.

1981

vibration

Motion due to a continuous change in the magnitude of a given **force** which reverses its direction with time. Motion of an oscillating body during one complete cycle; two **oscillations**. Used for jitter.

SP-7 1968

vibration dampers

Use vibration isolators

vibration isolators

Resilient supports that tend to isolate systems from **steady state excitation**. Used for vibration dampers and vibration protection.

SP-7 1968

vibration mode

In a system undergoing **vibration**, a characteristic pattern assumed by the system in which the motion of every particle is simple harmonic with the same frequency. Used for mode of vibration.

SP-7 1968

vibration protection

Use vibration isolators

vibrational frequencies (structural)

Use resonant frequencies

video disks

Disks, usually the size of long-playing stereo records, which store video data. The data is recorded by one of two techniques: the **capacitance** method, in which the disk has spiral grooves and is read by a contact stylus, and the optical method, which uses **lasers** in both the recording and playback of the data.

1981

video landmark acquisition and tracking

Shuttle era system for earth-feature identification, acquisition, and tracking.

1980

video signals

Signals with a bandwidth of over 20 kilohertz.

1984

vidicons

Television pickup tubes utilizing photoconductors as the sensing elements.

SP-7 1968

view effects

Effects of change in angular size of **field of view** upon receptors of **radiation**.

1968

Viking spacecraft

A collective term for the composite Viking orbiter-lander space vehicle. 1977

Virgo galactic cluster

A cluster of galaxies nearest to the **Milky Way Galaxy**, centered in the constellation Virgo and about 16 million light-years from Earth. Used for Virgo star cluster. 1980

Virgo star cluster

Use Virgo galactic cluster

viscoelastic damping

The **absorption** of oscillatory motions by materials which are viscous while exhibiting certain **elastic properties**. 1976

viscoelastic flow

Use viscoelasticity

viscoelasticity

Property of materials that strain under stress partly elastically and partly viscously, that is, whose strain is partly dependent on time and magnitude of stress. Used for viscoelastic flow.

ASTM (D 653, D-18) 1968

viscosity

That molecular property of a fluid which enables it to support tangential **stresses** for a finite time and thus to resist **deformation**; the ratio of **shear stress** divided by shearing strain. SP-7 1968

viscous damping

The dissipation of energy that occurs when a particle in a vibrating system is resisted by a **force** that has a magnitude proportional to the magnitude of the **velocity** of the particle and direction opposite to the direction of the particle. SP-7 1968

viscous flow

The **flow** of a fluid through a duct under conditions such that the **mean free path** is very small in comparison with the smallest dimensions of a transverse section of the duct. This flow may be either laminar or turbulent. SP-7 1968

viscous fluids

Fluids whose molecular **viscosity** is sufficiently large to make the viscous forces a significant part of the total force field in the fluid. SP-7 1968

visible infrared spin scan radiometer

A radiometer used for satellite sounding of the atmosphere. 1981

visible radiation

Use light (visible radiation)

visible spectrum

The range of **wavelengths** of visible radiation; display or graph of the intensity of visible radiation emitted or absorbed by a material as a function of wavelength or some related parameter. 1980

visual photometry

A subjective approach to the problem of **photometry**, wherein the human eye is used as the sensing instrument; to be distinguished from photoelectric photometry. SP-7 1968

vitrification

Formation of a glassy or noncrystalline material. 1977

VLBI

Use very long base interferometry

VLSI

Use very large scale integration

voice control

Using the voice to activate devices which respond or operate by means of speech recognition. SN (device operation by voice). 1981

voltage

Use electric potential

voltage controlled oscillators

An oscillator whose frequency of oscillation can be varied by changing an applied voltage. Used for VCO. 1985

vortex advisory system

Display system which compares measured on-minute-average wind magnitudes and direction with the wind-rose criterion to predict wake vorticity and to indicate to the air traffic controller (with a red or green light) when the interarrival spacings for landings may be reduced to the 3 nautical mile limit. 1980

vortex alleviation

The alteration of airfoil configurations to change the airflow patterns directly behind the wings to eliminate or inhibit the vertical motion which directly affects the aircraft immediately following, during closely spaced landings. 1980

vortex avoidance

Schemes which involve airborne or ground-based equipment to track, monitor, and/or predict vortex behavior which might affect the approach and landing operations. 1980

vortex columns

Use vortices

vortex disturbances

Use vortices

vortex filaments

The fine-scale structure of **turbulent flow**; the small non energy containing eddies convected at mean freestream velocities. 1981

vortex flaps

Leading edge flap designs for highly swept wings, in which the leading edge tabs, which are counter reflected, cause **vortices** to form on the flap. The **trapped vortices** cause significantly improved wind flow characteristics. 1980

vortex flow

Use vortices

vortex shedding

Periodic separation of a fluid flowing past an unstreamlined body. 1981

vortex streets

Two parallel rows of alternately placed **vortices** along the wake of an obstacle in a fluid of moderate **Reynolds number**. SP-7 1968

vortex traps

Use trapped vortices

vortex tubes

Use vortices

vortices

In fluids, circulations drawing their energy from flows of much larger scale and brought about by pressure irregularities. Used for eddies, rotational flow, vortex columns, vortex disturbances, vortex flow, and vortex tubes. *SP-7 1968*

vorticity equations

Dynamic equations for the rate of change on the vorticity of a parcel, obtained by taking the curl of the vector equation of motion. *SP-7 1968*

Voyager 1 spacecraft

A **spacecraft** launched in the 1977 Voyager mission. *1979*

Voyager 2 spacecraft

A **spacecraft** launched in the 1977 Voyager mission. *1979*

Voyager 1977 mission

The launching of two advanced three-axis attitude stabilized **spacecraft** for the **exploration** of Jovian and Saturnian **environments** including investigation of the **gravitational fields**, atmospheric dynamics, and magnetospheres of these **planets**. *1979*

W**W stars**

Use Wolf-Rayet stars

W-R stars

Use Wolf-Rayet stars

warheads

Originally the parts of the missile carrying the explosive, chemical, or other charge intended to damage the enemy. By extension, the term is sometimes used as synonymous with payload or nose cone. *SP-7 1968*

waste treatment

The processing of waste materials (liquid and solid) with chemicals, high temperature, chopping, grinding, and filtering equipment, bacterial action, dryers, separators, for conversion to useful products. *1979*

water currents

Net transport of water along a definable path. Used for currents (oceanography). *DOE 1972*

water heating

The heating of water by any means including solar technology. *1979*

water vapor

Water (H₂O) in gaseous form. Also called aqueous vapor. *SP-7 1968*

waterways

Navigable streams or canals; also channels for the passage or **escape** of water. *1978*

wattmeters

Instruments for measuring the magnitude of the active power in an electric circuit. They are provided with a scale usually graduated in either watts, kilowatts, or megawatts. If the scale is graduated in kilowatts or megawatts, the instruments are usually designated as kilowattmeters or megawattmeters. *IEEE 1968*

wave oscillators

Use oscillators

wave radiation

Use electromagnetic radiation

waveforms

The graphical representations of waves, showing variation of amplitude with time. *SP-7 1968*

waveguide lasers

Pump sources for deuterium oxide **lasers**. *1980*

wavelength division multiplexing

The process in which each modulating wave modulates a separate subcarrier and the subcarriers are spaced in **wavelengths**. This term is used in optical communication where wavelength usage is preferred over frequency. *1981*

wavelengths

Distance in the direction of **propagation** of a periodic wave between two successive points at which the phase is the same (at the same time). *ASTM (E 349, E-21) 1968*

weak interactions (field theory)

One class of the fundamental interactions among elementary particles responsible for beta decay of nuclei, and for the decay of elementary particles with lifetimes greater than about 10⁻¹⁰ seconds such as muons, K mesons, and lambda hyperons; it is several orders of magnitude weaker than the strong and electromagnetic interactions and fails to conserve strangeness or **parity**. Used for beta interactions. *1981*

weapons delivery

Total requirements for locating the target, establishing the release conditions, and maintaining to the target (if required); includes the detection, recognition, and acquisition of the target, the weapons release as well as guidance. *1979*

wear

Damage to a solid surface, generally involving progressive loss of material, due to relative motion between that surface and a contacting substance or substances. *ASTM (G 40, G 77; G-2) 1968*

weather fronts

Use fronts (meteorology)

weathering

The process of disintegration and decomposition as a consequence of exposure to the atmosphere, to chemical action, and to the action of frost water and heat. *ASTM (D 653, D-18) 1968*

Weber-Fechner law

An approximate psychological law relating the degree of response or sensation of a sense organ and the **intensity** of the stimulus. The law asserts that equal increments of sensation are associated with equal increments of the logarithm of the stimulus, or that the just noticeable difference in any sensation results from a change in the stimulus which bears a constant ratio to the value of the stimulus. *SP-7 1968*

Weibel instability

An instability of collisionless plasmas characterized by the unstable growth of transverse electromagnetic waves and large magnetic field fluctuation brought about by an anisotropic distribution of electronic velocities. *1981*

weight

The **force** exerted on a body by gravity.

ASTM (D 123, D-13) 1968

weightlessness

A condition in which no acceleration, whether of gravity or other **force**, can be detected by an observer within the system in question. Used for zero gravity. *SP-7 1968*

welding

Joining two or more pieces of metal by applying heat, pressure, or both, with or without filler material to produce a localized union through **fusion** or **recrystallization** across the interface.

SP-7 1968

West comet

A comet discovered in 1976..

1979

wet spinning

The production of synthetic and man-made filaments by extruding the chemical solution through spinnerets into a chemical bath where they coagulate. *1976*

wetlands

Lands which have the water table at, near, or above the land surface, or which are saturated for long enough periods to promote hydrophylic vegetation and various kinds of biological activity which are adapted to the wet environment. *ASTM (D 653, D-18) 1972*

wheelchairs

Four wheeled ambulatory devices for persons with minimal or no use of lower extremities which can be either manually or electrically powered. They are often individually fitted. *1982*

wheels

Rims fitted with disks for affixment to axles.

ASTM (F 538, F-9) 1968

whip antennas

Thin flexible monopole antennas.

IEEE 1968

whirl

Use rotation

whirling

Use rotation

whispering gallery modes

Electromagnetic (or elastic) waves that differ in frequency by more than an order of magnitude. *1988*

whistlers

Radiofrequency electromagnetic signals generated by some lightning discharges. *SP-7 1968*

white holes (astronomy)

Time-reversed black holes, expanding sources with growing **intensity** and photon energy. *DOE 1975*

white noise

A sound or electromagnetic wave whose spectrum is continuous and uniform as a function of frequency. Used for spectral noise.

SP-7 1968

wiggler magnets

Components used in the production of coherent **x rays** by the pumping of a gas with synchrotron radiation in combination with low energy photon beams. *1980*

Wightman theory

Use quantum theory

wind circulation

Use atmospheric circulation

wind tunnels

Tubelike structures or passages, sometimes continuous, together with their adjuncts, in which high speed movements of air or other gases are produced, as by fans, and within which objects such as engines or aircraft, **airfoils**, rockets (or models of these objects), are placed to investigate the airflow about them and the **aerodynamic forces** acting upon them. *SP-7 1968*

wind turbines

Machines which convert wind energy into electricity.

1982

wing icing

Use aircraft icing

wing nacelle configurations

Aerodynamic configurations involving various arrangements of wings and nacelles (over-the-wing, etc.). *1979*

winglets

In aerospace engineering, small nearly vertical, winglike surfaces mounted rearward above the wing tips to reduce **drag coefficients** at lifting conditions. *1977*

wire

A rod or filament of drawn or rolled metal whose **length** is great in comparison with the major axis of its cross section.

ASTM (B 354, B-1) 1968

Wolf-Rayet stars

Very luminous, very hot (as high as 50,000K) **stars** whose spectra have broad emission lines (mainly He I and He II, which are presumed to originate from material ejected from the stars at very high velocities. Some W-R spectra show emission lines due to carbon CWC stars; others show emission lines due to nitrogen (WN stars). Used for W stars and W-R stars. *1981*

word processing

The use of a computer, often with a CRT under full-screen control, to facilitate the recording, storage, editing, updating, and organization of information in the form of words, especially sentential information. *1981*

work softening

The phenomena of a drop in the yield strength of a metal when it has been strained or cold worked at low temperature and subsequently strained at an elevated temperature to cause the dislocations to become unstable. *1981*

working fluids

Fluids (gas or liquid) used as the medium for the transfer of energy from one part of a system to another. *SP-7 1968*

world

Use Earth (planet)

wraparound contact solar cells

Use solar cells

X

X Ray Astrophysics Facility

Free-flying x ray observatory that is shuttle-launched, maintainable in orbit, and retrievable. Used for Advanced X Ray Astrophysics Facility and AXAF. 1980

x ray binaries

Bright galactic x ray sources consisting of a compact star (neutron star or black hole) accreting matter from a close companion star. 1985

x ray imagery

Reproduction of an object by means of focusing penetrating **electromagnetic radiation** (wavelengths ranging from 10-5 to 103 angstroms) coming from the object or reflected by the object. Analogous to infrared imagery, radar imagery and microwave imagery using the IR, radar and microwave frequencies. 1978

X Ray Spectropolarimetry Payload

Use EXPOS (Spacelab payload)

x ray stars

Stars with strong emission in the x ray portion of the electromagnetic spectrum. Used for extars. 1986

x ray timing Explorer

An Explorer satellite planned for late 1993 or 1994 to consist of three experiments: a large area proportional counter, an all sky monitor, and a high energy x ray timing experiment. The package is designed to measure the time variability of x ray sources and broad band spectra. 1983

x ray tubes

Vacuum tubes designed to produce **x rays** by accelerating electrons to a high **velocity** by means of an electrostatic field, then suddenly stopping them by collision with a target. 1981

x rays

Nonnuclear **electromagnetic radiation** of very short wavelength, lying within the interval of 0.1 to 100 angstroms (between **gamma rays**, and **ultraviolet radiation**). SP-7 1968

x wing rotors

A new VTOL concept utilizing the stopped rotor X-wing aircraft. 1979

XBQM-180A aircraft

Use VATOL aircraft

xenon chloride lasers

Rare gas-halide lasers using XeCl as the active material. 1983

xenon fluoride lasers

Lasers using XeF as the active material. 1977

XM-6 squib

Use squibs

XM-8 squib

Use squibs

XV-15 aircraft

Experimental model of a tilt-rotor aircraft built by Bell Aircraft Company. 1976

Y

Yagi antennas

Directional antennas used on some types of radar and radio equipment consisting of an array of elemental, single **wire dipole antennas** and reflectors. SP-7 1968

Yang-Mills fields

Types of fields based upon **Yang-Mills theory**. 1981

Yang-Mills theory

Mathematical idea for describing interactions among elementary particles which is based on the idea of gauge invariance under a non Abelian group. Used for Casimir energy. 1981

yawing moments

Moments that tend to rotate aircraft, **airfoils**, rockets, or **spacecraft** about a vertical axis. SP-7 1968

Young modulus

Use modulus of elasticity

Z

zenith

That point of the **celestial sphere** vertically overhead. The point 180 deg. from the zenith is called the nadir. SP-7 1968

zero gravity

Use weightlessness

zero point energy

Kinetic energy retained by **molecules** of a substance at a temperature of **absolute zero**. 1980

zero-g ACPL (Spacelab)

Use Atmospheric Cloud Physics Lab (Spacelab)

zeta pinch

Type of plasma pinch produced by an electric current applied axially to a plasma cylinder in a controlled fusion reactor. 1979

zinc chlorides

Reaction products of hydrochloric acid and zinc; white crystals soluble in water and alcohol and with a melting point of 290 degrees C. 1978

zinc-bromide batteries

Electric cells in which during charge, zinc is plated on the anode and bromine is evolved at the cathode. The bromine is transferred to an external chamber for mixing and storing with an organic liquid complexing oil. During discharge, the zinc is oxidized at the anode and the complexed bromine is reduced at the cathode. 1981

zinc-chlorine batteries

Candidate electric cells under development for electric vehicles. 1980

zincblende

Zinc sulfide, ZnS; a cubic crystal. Used for sphalerite. DOE 1968

zonal circulation

Use zonal flow (meteorology)

zonal flow (meteorology)

The **flow** of air along a **latitude** circle; more specifically, the latitudinal (east or west) of existing flow. Used for zonal circulation. 1986

zooplankton

The aggregate of passively floating or drifting animal organisms in aquatic ecosystems. 1986

REPORT DOCUMENT PAGE

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16. Abstract <p>Publication of the <i>NASA Thesaurus</i> definitions began with Supplement 1 to the 1985 <i>NASA Thesaurus</i>. The definitions given here represent the complete file of over 3,500 definitions, complemented by USE references, and boldfaced references.</p> <p>Definitions of more common or general scientific terms are given a NASA slant if one exists. Certain terms are not defined as a matter of policy: common place names, chemical elements, specific models of computers, and non-technical terms. Other terms lack definitions because the <i>NASA Thesaurus</i> predates by a number of years the systematic effort to define terms. Nevertheless, definitions of older terms are continually being added.</p> <p>The following data are provided for each definition: term in uppercase-lowercase form, definition per se, source, and year the term (not the definition) was added to the <i>NASA Thesaurus</i>. The NASA History Office is the authority for capitalization in satellite and spacecraft names.</p> <p>Definitions with no source given were constructed by lexicographers at the NASA Center for AeroSpace Information, who rely on the following sources for their information: experts in the field, literature searches from the NASA STI Database, and specialized references.</p>		
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